

Appendix for Band 12

Report No.: BCTC2507499166-6E

Applicant: Shenzhen Qichang Intelligent Technology Co., Ltd

Product Name: Smart Phone

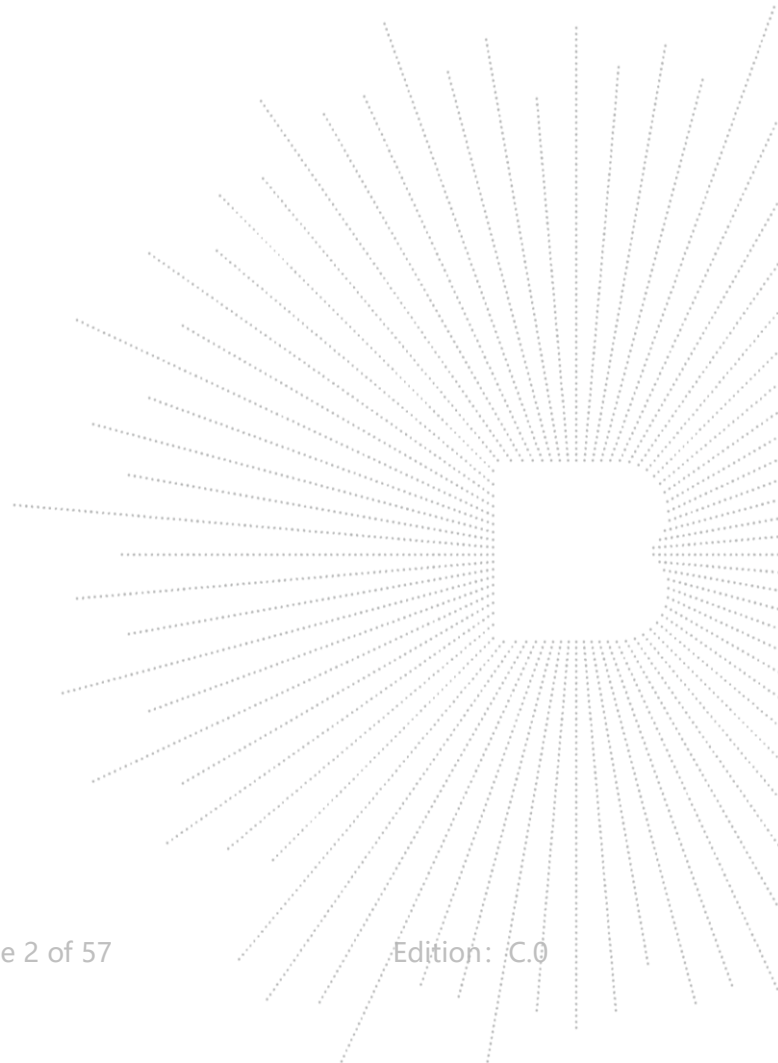
Test Model: F110L

Tested Date: 2025-07-02 to 2025-07-31

Shenzhen BCTC Testing Co., Ltd.

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Appendix 1. Effective Radiated Power and Effective Isotropic Radiated Power Measurement

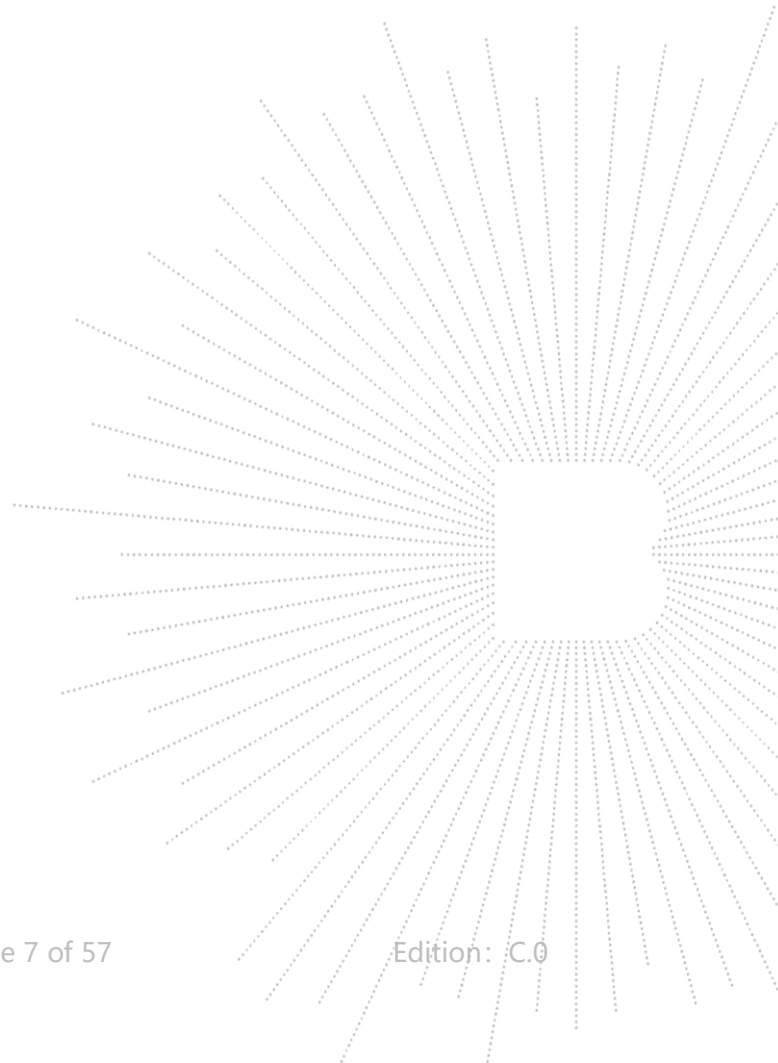
Condition	Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Gain (dBm)	ERP (dBm)	Verdict
NVNT	Band12	1.4	23017	1	#0	QPSK	24.81	-0.1	22.56	PASS
NVNT	Band12	1.4	23017	1	#Mid	QPSK	24.86	-0.1	22.61	PASS
NVNT	Band12	1.4	23017	1	#Max	QPSK	24.83	-0.1	22.58	PASS
NVNT	Band12	1.4	23017	3	#0	QPSK	24.87	-0.1	22.62	PASS
NVNT	Band12	1.4	23017	3	#Mid	QPSK	24.85	-0.1	22.60	PASS
NVNT	Band12	1.4	23017	3	#Max	QPSK	24.89	-0.1	22.64	PASS
NVNT	Band12	1.4	23017	6	#0	QPSK	23.38	-0.1	21.13	PASS
NVNT	Band12	1.4	23017	1	#0	16QAM	24.84	-0.1	22.59	PASS
NVNT	Band12	1.4	23017	1	#Mid	16QAM	24.83	-0.1	22.58	PASS
NVNT	Band12	1.4	23017	1	#Max	16QAM	24.86	-0.1	22.61	PASS
NVNT	Band12	1.4	23017	3	#0	16QAM	24.13	-0.1	21.88	PASS
NVNT	Band12	1.4	23017	3	#Mid	16QAM	24.21	-0.1	21.96	PASS
NVNT	Band12	1.4	23017	3	#Max	16QAM	24.20	-0.1	21.95	PASS
NVNT	Band12	1.4	23017	6	#0	16QAM	22.99	-0.1	20.74	PASS
NVNT	Band12	1.4	23095	1	#0	QPSK	25.08	-0.1	22.83	PASS
NVNT	Band12	1.4	23095	1	#Mid	QPSK	25.09	-0.1	22.84	PASS
NVNT	Band12	1.4	23095	1	#Max	QPSK	25.06	-0.1	22.81	PASS
NVNT	Band12	1.4	23095	3	#0	QPSK	25.05	-0.1	22.80	PASS
NVNT	Band12	1.4	23095	3	#Mid	QPSK	25.09	-0.1	22.84	PASS
NVNT	Band12	1.4	23095	3	#Max	QPSK	25.03	-0.1	22.78	PASS
NVNT	Band12	1.4	23095	6	#0	QPSK	23.68	-0.1	21.43	PASS
NVNT	Band12	1.4	23095	1	#0	16QAM	23.99	-0.1	21.74	PASS
NVNT	Band12	1.4	23095	1	#Mid	16QAM	24.03	-0.1	21.78	PASS
NVNT	Band12	1.4	23095	1	#Max	16QAM	24.11	-0.1	21.86	PASS
NVNT	Band12	1.4	23095	3	#0	16QAM	24.16	-0.1	21.91	PASS
NVNT	Band12	1.4	23095	3	#Mid	16QAM	24.22	-0.1	21.97	PASS
NVNT	Band12	1.4	23095	3	#Max	16QAM	24.13	-0.1	21.88	PASS
NVNT	Band12	1.4	23095	6	#0	16QAM	23.31	-0.1	21.06	PASS
NVNT	Band12	1.4	23173	1	#0	QPSK	25.06	-0.1	22.81	PASS
NVNT	Band12	1.4	23173	1	#Mid	QPSK	25.11	-0.1	22.86	PASS
NVNT	Band12	1.4	23173	1	#Max	QPSK	25.14	-0.1	22.89	PASS
NVNT	Band12	1.4	23173	3	#0	QPSK	25.07	-0.1	22.82	PASS
NVNT	Band12	1.4	23173	3	#Mid	QPSK	25.08	-0.1	22.83	PASS
NVNT	Band12	1.4	23173	3	#Max	QPSK	25.08	-0.1	22.83	PASS
NVNT	Band12	1.4	23173	6	#0	QPSK	23.44	-0.1	21.19	PASS

NVNT	Band12	1.4	23173	1	#0	16QAM	24.10	-0.1	21.85	PASS
NVNT	Band12	1.4	23173	1	#Mid	16QAM	24.12	-0.1	21.87	PASS
NVNT	Band12	1.4	23173	1	#Max	16QAM	24.07	-0.1	21.82	PASS
NVNT	Band12	1.4	23173	3	#0	16QAM	23.99	-0.1	21.74	PASS
NVNT	Band12	1.4	23173	3	#Mid	16QAM	24.07	-0.1	21.82	PASS
NVNT	Band12	1.4	23173	3	#Max	16QAM	24.00	-0.1	21.75	PASS
NVNT	Band12	1.4	23173	6	#0	16QAM	23.05	-0.1	20.80	PASS
NVNT	Band12	3	23025	1	#0	QPSK	24.61	-0.1	22.36	PASS
NVNT	Band12	3	23025	1	#Mid	QPSK	24.67	-0.1	22.42	PASS
NVNT	Band12	3	23025	1	#Max	QPSK	24.85	-0.1	22.60	PASS
NVNT	Band12	3	23025	8	#0	QPSK	23.63	-0.1	21.38	PASS
NVNT	Band12	3	23025	8	#Mid	QPSK	23.64	-0.1	21.39	PASS
NVNT	Band12	3	23025	8	#Max	QPSK	23.54	-0.1	21.29	PASS
NVNT	Band12	3	23025	15	#0	QPSK	23.46	-0.1	21.21	PASS
NVNT	Band12	3	23025	1	#0	16QAM	24.82	-0.1	22.57	PASS
NVNT	Band12	3	23025	1	#Mid	16QAM	24.80	-0.1	22.55	PASS
NVNT	Band12	3	23025	1	#Max	16QAM	24.79	-0.1	22.54	PASS
NVNT	Band12	3	23025	8	#0	16QAM	22.83	-0.1	20.58	PASS
NVNT	Band12	3	23025	8	#Mid	16QAM	22.81	-0.1	20.56	PASS
NVNT	Band12	3	23025	8	#Max	16QAM	23.12	-0.1	20.87	PASS
NVNT	Band12	3	23025	15	#0	16QAM	22.97	-0.1	20.72	PASS
NVNT	Band12	3	23095	1	#0	QPSK	25.09	-0.1	22.84	PASS
NVNT	Band12	3	23095	1	#Mid	QPSK	25.10	-0.1	22.85	PASS
NVNT	Band12	3	23095	1	#Max	QPSK	25.06	-0.1	22.81	PASS
NVNT	Band12	3	23095	8	#0	QPSK	23.42	-0.1	21.17	PASS
NVNT	Band12	3	23095	8	#Mid	QPSK	23.59	-0.1	21.34	PASS
NVNT	Band12	3	23095	8	#Max	QPSK	23.56	-0.1	21.31	PASS
NVNT	Band12	3	23095	15	#0	QPSK	23.56	-0.1	21.31	PASS
NVNT	Band12	3	23095	1	#0	16QAM	23.97	-0.1	21.72	PASS
NVNT	Band12	3	23095	1	#Mid	16QAM	24.24	-0.1	21.99	PASS
NVNT	Band12	3	23095	1	#Max	16QAM	24.09	-0.1	21.84	PASS
NVNT	Band12	3	23095	8	#0	16QAM	23.41	-0.1	21.16	PASS
NVNT	Band12	3	23095	8	#Mid	16QAM	23.24	-0.1	20.99	PASS
NVNT	Band12	3	23095	8	#Max	16QAM	23.20	-0.1	20.95	PASS
NVNT	Band12	3	23095	15	#0	16QAM	23.18	-0.1	20.93	PASS
NVNT	Band12	3	23165	1	#0	QPSK	25.23	-0.1	22.98	PASS
NVNT	Band12	3	23165	1	#Mid	QPSK	25.14	-0.1	22.89	PASS
NVNT	Band12	3	23165	1	#Max	QPSK	25.13	-0.1	22.88	PASS
NVNT	Band12	3	23165	8	#0	QPSK	23.53	-0.1	21.28	PASS
NVNT	Band12	3	23165	8	#Mid	QPSK	23.49	-0.1	21.24	PASS
NVNT	Band12	3	23165	8	#Max	QPSK	23.55	-0.1	21.30	PASS
NVNT	Band12	3	23165	15	#0	QPSK	23.48	-0.1	21.23	PASS

NVNT	Band12	3	23165	1	#0	16QAM	24.08	-0.1	21.83	PASS
NVNT	Band12	3	23165	1	#Mid	16QAM	24.10	-0.1	21.85	PASS
NVNT	Band12	3	23165	1	#Max	16QAM	24.16	-0.1	21.91	PASS
NVNT	Band12	3	23165	8	#0	16QAM	23.16	-0.1	20.91	PASS
NVNT	Band12	3	23165	8	#Mid	16QAM	23.08	-0.1	20.83	PASS
NVNT	Band12	3	23165	8	#Max	16QAM	23.12	-0.1	20.87	PASS
NVNT	Band12	3	23165	15	#0	16QAM	23.06	-0.1	20.81	PASS
NVNT	Band12	5	23035	1	#0	QPSK	24.68	-0.1	22.43	PASS
NVNT	Band12	5	23035	1	#Mid	QPSK	24.78	-0.1	22.53	PASS
NVNT	Band12	5	23035	1	#Max	QPSK	24.86	-0.1	22.61	PASS
NVNT	Band12	5	23035	12	#0	QPSK	23.38	-0.1	21.13	PASS
NVNT	Band12	5	23035	12	#Mid	QPSK	23.46	-0.1	21.21	PASS
NVNT	Band12	5	23035	12	#Max	QPSK	23.46	-0.1	21.21	PASS
NVNT	Band12	5	23035	25	#0	QPSK	23.45	-0.1	21.20	PASS
NVNT	Band12	5	23035	1	#0	16QAM	23.94	-0.1	21.69	PASS
NVNT	Band12	5	23035	1	#Mid	16QAM	23.98	-0.1	21.73	PASS
NVNT	Band12	5	23035	1	#Max	16QAM	24.10	-0.1	21.85	PASS
NVNT	Band12	5	23035	12	#0	16QAM	22.82	-0.1	20.57	PASS
NVNT	Band12	5	23035	12	#Mid	16QAM	23.07	-0.1	20.82	PASS
NVNT	Band12	5	23035	12	#Max	16QAM	23.10	-0.1	20.85	PASS
NVNT	Band12	5	23035	25	#0	16QAM	23.31	-0.1	21.06	PASS
NVNT	Band12	5	23095	1	#0	QPSK	25.09	-0.1	22.84	PASS
NVNT	Band12	5	23095	1	#Mid	QPSK	25.08	-0.1	22.83	PASS
NVNT	Band12	5	23095	1	#Max	QPSK	25.02	-0.1	22.77	PASS
NVNT	Band12	5	23095	12	#0	QPSK	23.54	-0.1	21.29	PASS
NVNT	Band12	5	23095	12	#Mid	QPSK	23.64	-0.1	21.39	PASS
NVNT	Band12	5	23095	12	#Max	QPSK	23.54	-0.1	21.29	PASS
NVNT	Band12	5	23095	25	#0	QPSK	23.55	-0.1	21.30	PASS
NVNT	Band12	5	23095	1	#0	16QAM	24.02	-0.1	21.77	PASS
NVNT	Band12	5	23095	1	#Mid	16QAM	24.10	-0.1	21.85	PASS
NVNT	Band12	5	23095	1	#Max	16QAM	24.09	-0.1	21.84	PASS
NVNT	Band12	5	23095	12	#0	16QAM	23.19	-0.1	20.94	PASS
NVNT	Band12	5	23095	12	#Mid	16QAM	23.05	-0.1	20.80	PASS
NVNT	Band12	5	23095	12	#Max	16QAM	22.99	-0.1	20.74	PASS
NVNT	Band12	5	23095	25	#0	16QAM	23.20	-0.1	20.95	PASS
NVNT	Band12	5	23155	1	#0	QPSK	24.88	-0.1	22.63	PASS
NVNT	Band12	5	23155	1	#Mid	QPSK	24.90	-0.1	22.65	PASS
NVNT	Band12	5	23155	1	#Max	QPSK	24.82	-0.1	22.57	PASS
NVNT	Band12	5	23155	12	#0	QPSK	23.53	-0.1	21.28	PASS
NVNT	Band12	5	23155	12	#Mid	QPSK	23.60	-0.1	21.35	PASS
NVNT	Band12	5	23155	12	#Max	QPSK	23.43	-0.1	21.18	PASS
NVNT	Band12	5	23155	25	#0	QPSK	23.51	-0.1	21.26	PASS

NVNT	Band12	5	23155	1	#0	16QAM	24.55	-0.1	22.30	PASS
NVNT	Band12	5	23155	1	#Mid	16QAM	24.58	-0.1	22.33	PASS
NVNT	Band12	5	23155	1	#Max	16QAM	24.44	-0.1	22.19	PASS
NVNT	Band12	5	23155	12	#0	16QAM	23.03	-0.1	20.78	PASS
NVNT	Band12	5	23155	12	#Mid	16QAM	23.00	-0.1	20.75	PASS
NVNT	Band12	5	23155	12	#Max	16QAM	22.98	-0.1	20.73	PASS
NVNT	Band12	5	23155	25	#0	16QAM	23.23	-0.1	20.98	PASS
NVNT	Band12	10	23060	1	#0	QPSK	24.76	-0.1	22.51	PASS
NVNT	Band12	10	23060	1	#Mid	QPSK	24.92	-0.1	22.67	PASS
NVNT	Band12	10	23060	1	#Max	QPSK	24.95	-0.1	22.70	PASS
NVNT	Band12	10	23060	25	#0	QPSK	23.44	-0.1	21.19	PASS
NVNT	Band12	10	23060	25	#Mid	QPSK	23.47	-0.1	21.22	PASS
NVNT	Band12	10	23060	25	#Max	QPSK	23.47	-0.1	21.22	PASS
NVNT	Band12	10	23060	50	#0	QPSK	23.38	-0.1	21.13	PASS
NVNT	Band12	10	23060	1	#0	16QAM	24.87	-0.1	22.62	PASS
NVNT	Band12	10	23060	1	#Mid	16QAM	24.94	-0.1	22.69	PASS
NVNT	Band12	10	23060	1	#Max	16QAM	25.11	-0.1	22.86	PASS
NVNT	Band12	10	23060	25	#0	16QAM	23.18	-0.1	20.93	PASS
NVNT	Band12	10	23060	25	#Mid	16QAM	22.92	-0.1	20.67	PASS
NVNT	Band12	10	23060	25	#Max	16QAM	23.24	-0.1	20.99	PASS
NVNT	Band12	10	23060	50	#0	16QAM	22.95	-0.1	20.70	PASS
NVNT	Band12	10	23095	1	#0	QPSK	24.88	-0.1	22.63	PASS
NVNT	Band12	10	23095	1	#Mid	QPSK	24.98	-0.1	22.73	PASS
NVNT	Band12	10	23095	1	#Max	QPSK	24.92	-0.1	22.67	PASS
NVNT	Band12	10	23095	25	#0	QPSK	23.32	-0.1	21.07	PASS
NVNT	Band12	10	23095	25	#Mid	QPSK	23.74	-0.1	21.49	PASS
NVNT	Band12	10	23095	25	#Max	QPSK	23.51	-0.1	21.26	PASS
NVNT	Band12	10	23095	50	#0	QPSK	23.65	-0.1	21.40	PASS
NVNT	Band12	10	23095	1	#0	16QAM	24.62	-0.1	22.37	PASS
NVNT	Band12	10	23095	1	#Mid	16QAM	24.74	-0.1	22.49	PASS
NVNT	Band12	10	23095	1	#Max	16QAM	24.67	-0.1	22.42	PASS
NVNT	Band12	10	23095	25	#0	16QAM	23.38	-0.1	21.13	PASS
NVNT	Band12	10	23095	25	#Mid	16QAM	23.21	-0.1	20.96	PASS
NVNT	Band12	10	23095	25	#Max	16QAM	23.22	-0.1	20.97	PASS
NVNT	Band12	10	23095	50	#0	16QAM	23.25	-0.1	21.00	PASS
NVNT	Band12	10	23130	1	#0	QPSK	24.93	-0.1	22.68	PASS
NVNT	Band12	10	23130	1	#Mid	QPSK	25.05	-0.1	22.80	PASS
NVNT	Band12	10	23130	1	#Max	QPSK	25.10	-0.1	22.85	PASS
NVNT	Band12	10	23130	25	#0	QPSK	23.69	-0.1	21.44	PASS
NVNT	Band12	10	23130	25	#Mid	QPSK	23.65	-0.1	21.40	PASS
NVNT	Band12	10	23130	25	#Max	QPSK	23.62	-0.1	21.37	PASS
NVNT	Band12	10	23130	50	#0	QPSK	23.57	-0.1	21.32	PASS

NVNT	Band12	10	23130	1	#0	16QAM	24.39	-0.1	22.14	PASS
NVNT	Band12	10	23130	1	#Mid	16QAM	24.49	-0.1	22.24	PASS
NVNT	Band12	10	23130	1	#Max	16QAM	24.29	-0.1	22.04	PASS
NVNT	Band12	10	23130	25	#0	16QAM	23.18	-0.1	20.93	PASS
NVNT	Band12	10	23130	25	#Mid	16QAM	23.18	-0.1	20.93	PASS
NVNT	Band12	10	23130	25	#Max	16QAM	23.16	-0.1	20.91	PASS
NVNT	Band12	10	23130	50	#0	16QAM	23.07	-0.1	20.82	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	1.52	0.002	PASS
NVNT	Band1 2	1.4	23017	6	#0	QPSK	NV	NT	-0.96	-0.001	PASS
NVNT	Band1 2	1.4	23017	6	#0	QPSK	HV	NT	-0.83	-0.001	PASS
NVNT	Band1 2	1.4	23017	6	#0	16QAM	LV	NT	-1.02	-0.001	PASS
NVNT	Band1 2	1.4	23017	6	#0	16QAM	NV	NT	-0.63	-0.001	PASS
NVNT	Band1 2	1.4	23017	6	#0	16QAM	HV	NT	-0.62	-0.001	PASS
NVNT	Band1 2	1.4	23095	6	#0	QPSK	LV	NT	-4.49	-0.006	PASS
NVNT	Band1 2	1.4	23095	6	#0	QPSK	NV	NT	-4.12	-0.006	PASS
NVNT	Band1 2	1.4	23095	6	#0	QPSK	HV	NT	-6.19	-0.009	PASS
NVNT	Band1 2	1.4	23095	6	#0	16QAM	LV	NT	-9.34	-0.013	PASS
NVNT	Band1 2	1.4	23095	6	#0	16QAM	NV	NT	-6.68	-0.009	PASS
NVNT	Band1 2	1.4	23095	6	#0	16QAM	HV	NT	-5.84	-0.008	PASS
NVNT	Band1 2	1.4	23173	6	#0	QPSK	LV	NT	-12.00	-0.017	PASS
NVNT	Band1 2	1.4	23173	6	#0	QPSK	NV	NT	-11.47	-0.016	PASS
NVNT	Band1 2	1.4	23173	6	#0	QPSK	HV	NT	-9.74	-0.014	PASS
NVNT	Band1 2	1.4	23173	6	#0	16QAM	LV	NT	-10.46	-0.015	PASS
NVNT	Band1 2	1.4	23173	6	#0	16QAM	NV	NT	-10.53	-0.015	PASS
NVNT	Band1 2	1.4	23173	6	#0	16QAM	HV	NT	-10.36	-0.014	PASS
NVNT	Band1 2	3	23025	15	#0	QPSK	LV	NT	-3.02	-0.004	PASS

NVNT	Band1 2	3	23025	15	#0	QPSK	NV	NT	-4.58	-0.007	PASS
NVNT	Band1 2	3	23025	15	#0	QPSK	HV	NT	-4.82	-0.007	PASS
NVNT	Band1 2	3	23025	15	#0	16QAM	LV	NT	-4.76	-0.007	PASS
NVNT	Band1 2	3	23025	15	#0	16QAM	NV	NT	-2.33	-0.003	PASS
NVNT	Band1 2	3	23025	15	#0	16QAM	HV	NT	-3.63	-0.005	PASS
NVNT	Band1 2	3	23095	15	#0	QPSK	LV	NT	-6.75	-0.010	PASS
NVNT	Band1 2	3	23095	15	#0	QPSK	NV	NT	-5.66	-0.008	PASS
NVNT	Band1 2	3	23095	15	#0	QPSK	HV	NT	-5.26	-0.007	PASS
NVNT	Band1 2	3	23095	15	#0	16QAM	LV	NT	-4.63	-0.007	PASS
NVNT	Band1 2	3	23095	15	#0	16QAM	NV	NT	-5.59	-0.008	PASS
NVNT	Band1 2	3	23095	15	#0	16QAM	HV	NT	-4.25	-0.006	PASS
NVNT	Band1 2	3	23165	15	#0	QPSK	LV	NT	-3.00	-0.004	PASS
NVNT	Band1 2	3	23165	15	#0	QPSK	NV	NT	-4.45	-0.006	PASS
NVNT	Band1 2	3	23165	15	#0	QPSK	HV	NT	-1.86	-0.003	PASS
NVNT	Band1 2	3	23165	15	#0	16QAM	LV	NT	-7.98	-0.011	PASS
NVNT	Band1 2	3	23165	15	#0	16QAM	NV	NT	-5.09	-0.007	PASS
NVNT	Band1 2	3	23165	15	#0	16QAM	HV	NT	-3.33	-0.005	PASS
NVNT	Band1 2	5	23035	25	#0	QPSK	LV	NT	-0.34	0.000	PASS
NVNT	Band1 2	5	23035	25	#0	QPSK	NV	NT	-2.33	-0.003	PASS
NVNT	Band1 2	5	23035	25	#0	QPSK	HV	NT	-3.26	-0.005	PASS
NVNT	Band1 2	5	23035	25	#0	16QAM	LV	NT	-3.63	-0.005	PASS
NVNT	Band1 2	5	23035	25	#0	16QAM	NV	NT	-1.83	-0.003	PASS

	2										
NVNT	Band1 2	5	23035	25	#0	16QAM	HV	NT	-1.59	-0.002	PASS
NVNT	Band1 2	5	23095	25	#0	QPSK	LV	NT	-1.57	-0.002	PASS
NVNT	Band1 2	5	23095	25	#0	QPSK	NV	NT	-0.39	-0.001	PASS
NVNT	Band1 2	5	23095	25	#0	QPSK	HV	NT	-1.07	-0.002	PASS
NVNT	Band1 2	5	23095	25	#0	16QAM	LV	NT	-1.80	-0.003	PASS
NVNT	Band1 2	5	23095	25	#0	16QAM	NV	NT	-2.19	-0.003	PASS
NVNT	Band1 2	5	23095	25	#0	16QAM	HV	NT	-0.29	0.000	PASS
NVNT	Band1 2	5	23155	25	#0	QPSK	LV	NT	-4.82	-0.007	PASS
NVNT	Band1 2	5	23155	25	#0	QPSK	NV	NT	-4.46	-0.006	PASS
NVNT	Band1 2	5	23155	25	#0	QPSK	HV	NT	-4.58	-0.006	PASS
NVNT	Band1 2	5	23155	25	#0	16QAM	LV	NT	-3.66	-0.005	PASS
NVNT	Band1 2	5	23155	25	#0	16QAM	NV	NT	-3.49	-0.005	PASS
NVNT	Band1 2	5	23155	25	#0	16QAM	HV	NT	-4.38	-0.006	PASS
NVNT	Band1 2	10	23060	50	#0	QPSK	LV	NT	-4.42	-0.006	PASS
NVNT	Band1 2	10	23060	50	#0	QPSK	NV	NT	-9.78	-0.014	PASS
NVNT	Band1 2	10	23060	50	#0	QPSK	HV	NT	-19.23	-0.027	PASS
NVNT	Band1 2	10	23060	50	#0	16QAM	LV	NT	-22.80	-0.032	PASS
NVNT	Band1 2	10	23060	50	#0	16QAM	NV	NT	-25.33	-0.036	PASS
NVNT	Band1 2	10	23060	50	#0	16QAM	HV	NT	-25.75	-0.037	PASS
NVNT	Band1 2	10	23095	50	#0	QPSK	LV	NT	-8.10	-0.011	PASS
NVNT	Band1 2	10	23095	50	#0	QPSK	NV	NT	-11.26	-0.016	PASS

NVNT	Band1 2	10	23095	50	#0	QPSK	HV	NT	-13.09	-0.019	PASS
NVNT	Band1 2	10	23095	50	#0	16QAM	LV	NT	-15.56	-0.022	PASS
NVNT	Band1 2	10	23095	50	#0	16QAM	NV	NT	-17.31	-0.024	PASS
NVNT	Band1 2	10	23095	50	#0	16QAM	HV	NT	-18.54	-0.026	PASS
NVNT	Band1 2	10	23130	50	#0	QPSK	LV	NT	-2.79	-0.004	PASS
NVNT	Band1 2	10	23130	50	#0	QPSK	NV	NT	-5.61	-0.008	PASS
NVNT	Band1 2	10	23130	50	#0	QPSK	HV	NT	-7.71	-0.011	PASS
NVNT	Band1 2	10	23130	50	#0	16QAM	LV	NT	-8.41	-0.012	PASS
NVNT	Band1 2	10	23130	50	#0	16QAM	NV	NT	-11.07	-0.016	PASS
NVNT	Band1 2	10	23130	50	#0	16QAM	HV	NT	-10.64	-0.015	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	3.59	0.005	PASS
NVNT	Band1 2	1.4	23017	6	#0	QPSK	NV	-20	-0.33	0.000	PASS
NVNT	Band1 2	1.4	23017	6	#0	QPSK	NV	0	0.36	0.001	PASS
NVNT	Band1 2	1.4	23017	6	#0	QPSK	NV	10	1.04	0.001	PASS
NVNT	Band1 2	1.4	23017	6	#0	QPSK	NV	20	1.86	0.003	PASS
NVNT	Band1 2	1.4	23017	6	#0	QPSK	NV	30	3.18	0.005	PASS
NVNT	Band1 2	1.4	23017	6	#0	QPSK	NV	40	3.59	0.005	PASS
NVNT	Band1 2	1.4	23017	6	#0	QPSK	NV	50	5.04	0.007	PASS
NVNT	Band1 2	1.4	23017	6	#0	16QAM	NV	-30	6.07	0.009	PASS
NVNT	Band1 2	1.4	23017	6	#0	16QAM	NV	-20	8.50	0.012	PASS

	2										
NVNT	Band1 2	1.4	23017	6	#0	16QAM	NV	0	9.41	0.013	PASS
NVNT	Band1 2	1.4	23017	6	#0	16QAM	NV	10	10.44	0.015	PASS
NVNT	Band1 2	1.4	23017	6	#0	16QAM	NV	20	12.93	0.018	PASS
NVNT	Band1 2	1.4	23017	6	#0	16QAM	NV	30	13.05	0.019	PASS
NVNT	Band1 2	1.4	23017	6	#0	16QAM	NV	40	14.63	0.021	PASS
NVNT	Band1 2	1.4	23017	6	#0	16QAM	NV	50	15.76	0.023	PASS
NVNT	Band1 2	1.4	23095	6	#0	QPSK	NV	-30	0.72	0.001	PASS
NVNT	Band1 2	1.4	23095	6	#0	QPSK	NV	-20	2.13	0.003	PASS
NVNT	Band1 2	1.4	23095	6	#0	QPSK	NV	0	2.39	0.003	PASS
NVNT	Band1 2	1.4	23095	6	#0	QPSK	NV	10	3.56	0.005	PASS
NVNT	Band1 2	1.4	23095	6	#0	QPSK	NV	20	3.18	0.004	PASS
NVNT	Band1 2	1.4	23095	6	#0	QPSK	NV	30	3.93	0.006	PASS
NVNT	Band1 2	1.4	23095	6	#0	QPSK	NV	40	3.12	0.004	PASS
NVNT	Band1 2	1.4	23095	6	#0	QPSK	NV	50	3.30	0.005	PASS
NVNT	Band1 2	1.4	23095	6	#0	16QAM	NV	-30	5.79	0.008	PASS
NVNT	Band1 2	1.4	23095	6	#0	16QAM	NV	-20	6.05	0.009	PASS
NVNT	Band1 2	1.4	23095	6	#0	16QAM	NV	0	9.07	0.013	PASS
NVNT	Band1 2	1.4	23095	6	#0	16QAM	NV	10	9.13	0.013	PASS
NVNT	Band1 2	1.4	23095	6	#0	16QAM	NV	20	10.83	0.015	PASS
NVNT	Band1 2	1.4	23095	6	#0	16QAM	NV	30	11.76	0.017	PASS
NVNT	Band1 2	1.4	23095	6	#0	16QAM	NV	40	12.47	0.018	PASS

NVNT	Band1 2	1.4	23095	6	#0	16QAM	NV	50	12.33	0.017	PASS
NVNT	Band1 2	1.4	23173	6	#0	QPSK	NV	-30	-1.57	-0.002	PASS
NVNT	Band1 2	1.4	23173	6	#0	QPSK	NV	-20	-1.80	-0.003	PASS
NVNT	Band1 2	1.4	23173	6	#0	QPSK	NV	0	-1.92	-0.003	PASS
NVNT	Band1 2	1.4	23173	6	#0	QPSK	NV	10	0.33	0.000	PASS
NVNT	Band1 2	1.4	23173	6	#0	QPSK	NV	20	0.13	0.000	PASS
NVNT	Band1 2	1.4	23173	6	#0	QPSK	NV	30	-1.85	-0.003	PASS
NVNT	Band1 2	1.4	23173	6	#0	QPSK	NV	40	1.26	0.002	PASS
NVNT	Band1 2	1.4	23173	6	#0	QPSK	NV	50	1.26	0.002	PASS
NVNT	Band1 2	1.4	23173	6	#0	16QAM	NV	-30	1.24	0.002	PASS
NVNT	Band1 2	1.4	23173	6	#0	16QAM	NV	-20	2.45	0.003	PASS
NVNT	Band1 2	1.4	23173	6	#0	16QAM	NV	0	4.46	0.006	PASS
NVNT	Band1 2	1.4	23173	6	#0	16QAM	NV	10	5.21	0.007	PASS
NVNT	Band1 2	1.4	23173	6	#0	16QAM	NV	20	-4.06	-0.006	PASS
NVNT	Band1 2	1.4	23173	6	#0	16QAM	NV	30	1.82	0.003	PASS
NVNT	Band1 2	1.4	23173	6	#0	16QAM	NV	40	4.21	0.006	PASS
NVNT	Band1 2	1.4	23173	6	#0	16QAM	NV	50	5.78	0.008	PASS
NVNT	Band1 2	3	23025	15	#0	QPSK	NV	-30	-6.34	-0.009	PASS
NVNT	Band1 2	3	23025	15	#0	QPSK	NV	-20	-6.19	-0.009	PASS
NVNT	Band1 2	3	23025	15	#0	QPSK	NV	0	-5.09	-0.007	PASS
NVNT	Band1 2	3	23025	15	#0	QPSK	NV	10	-5.68	-0.008	PASS
NVNT	Band1 2	3	23025	15	#0	QPSK	NV	20	-4.58	-0.007	PASS

	2										
NVNT	Band1 2	3	23025	15	#0	QPSK	NV	30	-3.28	-0.005	PASS
NVNT	Band1 2	3	23025	15	#0	QPSK	NV	40	-2.86	-0.004	PASS
NVNT	Band1 2	3	23025	15	#0	QPSK	NV	50	-1.93	-0.003	PASS
NVNT	Band1 2	3	23025	15	#0	16QAM	NV	-30	0.34	0.000	PASS
NVNT	Band1 2	3	23025	15	#0	16QAM	NV	-20	2.32	0.003	PASS
NVNT	Band1 2	3	23025	15	#0	16QAM	NV	0	2.05	0.003	PASS
NVNT	Band1 2	3	23025	15	#0	16QAM	NV	10	5.54	0.008	PASS
NVNT	Band1 2	3	23025	15	#0	16QAM	NV	20	5.79	0.008	PASS
NVNT	Band1 2	3	23025	15	#0	16QAM	NV	30	7.82	0.011	PASS
NVNT	Band1 2	3	23025	15	#0	16QAM	NV	40	8.73	0.012	PASS
NVNT	Band1 2	3	23025	15	#0	16QAM	NV	50	8.63	0.012	PASS
NVNT	Band1 2	3	23095	15	#0	QPSK	NV	-30	4.72	0.007	PASS
NVNT	Band1 2	3	23095	15	#0	QPSK	NV	-20	5.09	0.007	PASS
NVNT	Band1 2	3	23095	15	#0	QPSK	NV	0	5.69	0.008	PASS
NVNT	Band1 2	3	23095	15	#0	QPSK	NV	10	7.08	0.010	PASS
NVNT	Band1 2	3	23095	15	#0	QPSK	NV	20	6.52	0.009	PASS
NVNT	Band1 2	3	23095	15	#0	QPSK	NV	30	8.14	0.012	PASS
NVNT	Band1 2	3	23095	15	#0	QPSK	NV	40	7.84	0.011	PASS
NVNT	Band1 2	3	23095	15	#0	QPSK	NV	50	9.71	0.014	PASS
NVNT	Band1 2	3	23095	15	#0	16QAM	NV	-30	10.63	0.015	PASS
NVNT	Band1 2	3	23095	15	#0	16QAM	NV	-20	11.62	0.016	PASS

NVNT	Band1 2	3	23095	15	#0	16QAM	NV	0	7.25	0.010	PASS
NVNT	Band1 2	3	23095	15	#0	16QAM	NV	10	10.67	0.015	PASS
NVNT	Band1 2	3	23095	15	#0	16QAM	NV	20	12.72	0.018	PASS
NVNT	Band1 2	3	23095	15	#0	16QAM	NV	30	13.26	0.019	PASS
NVNT	Band1 2	3	23095	15	#0	16QAM	NV	40	13.78	0.019	PASS
NVNT	Band1 2	3	23095	15	#0	16QAM	NV	50	14.62	0.021	PASS
NVNT	Band1 2	3	23165	15	#0	QPSK	NV	-30	-3.18	-0.004	PASS
NVNT	Band1 2	3	23165	15	#0	QPSK	NV	-20	-1.83	-0.003	PASS
NVNT	Band1 2	3	23165	15	#0	QPSK	NV	0	-2.29	-0.003	PASS
NVNT	Band1 2	3	23165	15	#0	QPSK	NV	10	-2.60	-0.004	PASS
NVNT	Band1 2	3	23165	15	#0	QPSK	NV	20	-1.59	-0.002	PASS
NVNT	Band1 2	3	23165	15	#0	QPSK	NV	30	-1.87	-0.003	PASS
NVNT	Band1 2	3	23165	15	#0	QPSK	NV	40	-0.84	-0.001	PASS
NVNT	Band1 2	3	23165	15	#0	QPSK	NV	50	-0.63	-0.001	PASS
NVNT	Band1 2	3	23165	15	#0	16QAM	NV	-30	1.10	0.002	PASS
NVNT	Band1 2	3	23165	15	#0	16QAM	NV	-20	1.56	0.002	PASS
NVNT	Band1 2	3	23165	15	#0	16QAM	NV	0	0.26	0.000	PASS
NVNT	Band1 2	3	23165	15	#0	16QAM	NV	10	2.82	0.004	PASS
NVNT	Band1 2	3	23165	15	#0	16QAM	NV	20	3.46	0.005	PASS
NVNT	Band1 2	3	23165	15	#0	16QAM	NV	30	3.96	0.006	PASS
NVNT	Band1 2	3	23165	15	#0	16QAM	NV	40	3.82	0.005	PASS
NVNT	Band1 2	3	23165	15	#0	16QAM	NV	50	4.43	0.006	PASS

	2										
NVNT	Band1 2	5	23035	25	#0	QPSK	NV	-30	-2.72	-0.004	PASS
NVNT	Band1 2	5	23035	25	#0	QPSK	NV	-20	-5.52	-0.008	PASS
NVNT	Band1 2	5	23035	25	#0	QPSK	NV	0	-4.12	-0.006	PASS
NVNT	Band1 2	5	23035	25	#0	QPSK	NV	10	-3.48	-0.005	PASS
NVNT	Band1 2	5	23035	25	#0	QPSK	NV	20	-2.10	-0.003	PASS
NVNT	Band1 2	5	23035	25	#0	QPSK	NV	30	-0.57	-0.001	PASS
NVNT	Band1 2	5	23035	25	#0	QPSK	NV	40	0.30	0.000	PASS
NVNT	Band1 2	5	23035	25	#0	QPSK	NV	50	-1.97	-0.003	PASS
NVNT	Band1 2	5	23035	25	#0	16QAM	NV	-30	1.09	0.002	PASS
NVNT	Band1 2	5	23035	25	#0	16QAM	NV	-20	0.90	0.001	PASS
NVNT	Band1 2	5	23035	25	#0	16QAM	NV	0	2.76	0.004	PASS
NVNT	Band1 2	5	23035	25	#0	16QAM	NV	10	4.49	0.006	PASS
NVNT	Band1 2	5	23035	25	#0	16QAM	NV	20	5.66	0.008	PASS
NVNT	Band1 2	5	23035	25	#0	16QAM	NV	30	5.74	0.008	PASS
NVNT	Band1 2	5	23035	25	#0	16QAM	NV	40	7.01	0.010	PASS
NVNT	Band1 2	5	23035	25	#0	16QAM	NV	50	7.51	0.011	PASS
NVNT	Band1 2	5	23095	25	#0	QPSK	NV	-30	5.29	0.007	PASS
NVNT	Band1 2	5	23095	25	#0	QPSK	NV	-20	5.01	0.007	PASS
NVNT	Band1 2	5	23095	25	#0	QPSK	NV	0	7.21	0.010	PASS
NVNT	Band1 2	5	23095	25	#0	QPSK	NV	10	7.18	0.010	PASS
NVNT	Band1 2	5	23095	25	#0	QPSK	NV	20	7.42	0.010	PASS

NVNT	Band1 2	5	23095	25	#0	QPSK	NV	30	7.98	0.011	PASS
NVNT	Band1 2	5	23095	25	#0	QPSK	NV	40	9.46	0.013	PASS
NVNT	Band1 2	5	23095	25	#0	QPSK	NV	50	9.28	0.013	PASS
NVNT	Band1 2	5	23095	25	#0	16QAM	NV	-30	8.98	0.013	PASS
NVNT	Band1 2	5	23095	25	#0	16QAM	NV	-20	9.44	0.013	PASS
NVNT	Band1 2	5	23095	25	#0	16QAM	NV	0	11.09	0.016	PASS
NVNT	Band1 2	5	23095	25	#0	16QAM	NV	10	11.13	0.016	PASS
NVNT	Band1 2	5	23095	25	#0	16QAM	NV	20	10.67	0.015	PASS
NVNT	Band1 2	5	23095	25	#0	16QAM	NV	30	11.82	0.017	PASS
NVNT	Band1 2	5	23095	25	#0	16QAM	NV	40	12.93	0.018	PASS
NVNT	Band1 2	5	23095	25	#0	16QAM	NV	50	13.00	0.018	PASS
NVNT	Band1 2	5	23155	25	#0	QPSK	NV	-30	-4.19	-0.006	PASS
NVNT	Band1 2	5	23155	25	#0	QPSK	NV	-20	-1.89	-0.003	PASS
NVNT	Band1 2	5	23155	25	#0	QPSK	NV	0	-1.79	-0.003	PASS
NVNT	Band1 2	5	23155	25	#0	QPSK	NV	10	-2.99	-0.004	PASS
NVNT	Band1 2	5	23155	25	#0	QPSK	NV	20	-2.33	-0.003	PASS
NVNT	Band1 2	5	23155	25	#0	QPSK	NV	30	-1.87	-0.003	PASS
NVNT	Band1 2	5	23155	25	#0	QPSK	NV	40	-12.02	-0.017	PASS
NVNT	Band1 2	5	23155	25	#0	QPSK	NV	50	-16.81	-0.024	PASS
NVNT	Band1 2	5	23155	25	#0	16QAM	NV	-30	-17.65	-0.025	PASS
NVNT	Band1 2	5	23155	25	#0	16QAM	NV	-20	-20.76	-0.029	PASS
NVNT	Band1 2	5	23155	25	#0	16QAM	NV	0	-23.10	-0.032	PASS

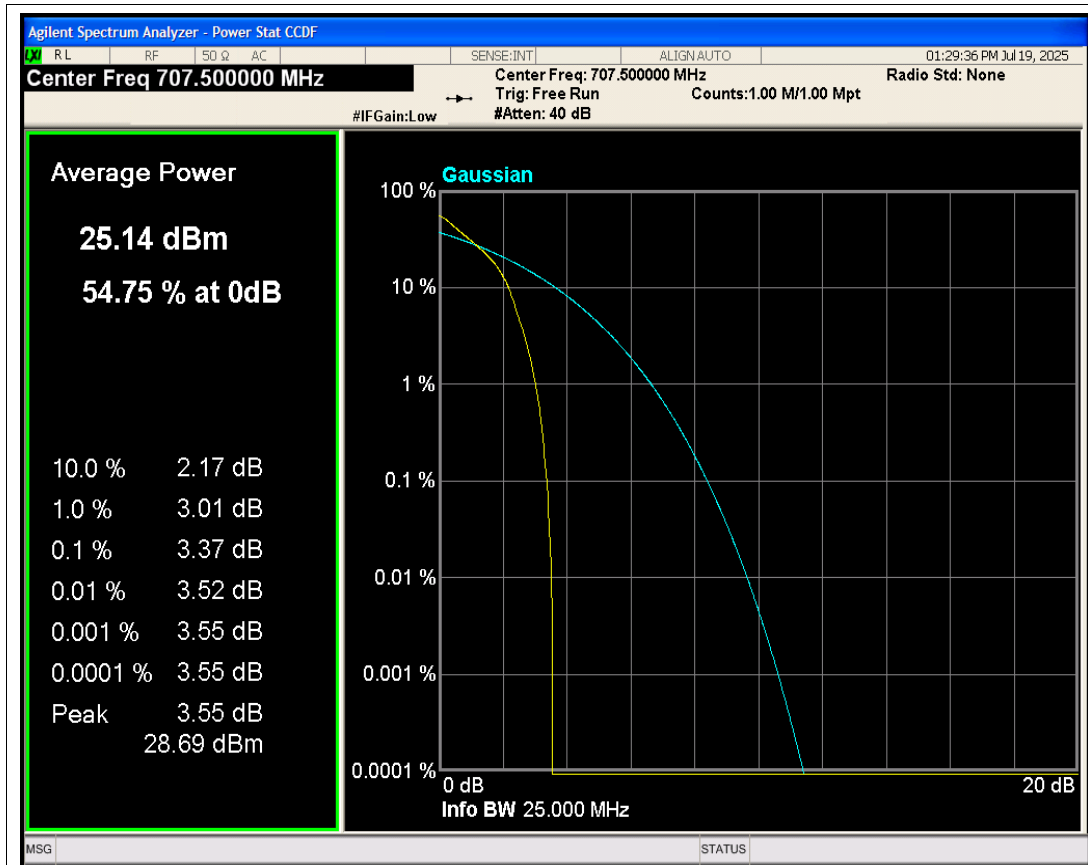
	2										
NVNT	Band1 2	5	23155	25	#0	16QAM	NV	10	-25.48	-0.036	PASS
NVNT	Band1 2	5	23155	25	#0	16QAM	NV	20	-26.46	-0.037	PASS
NVNT	Band1 2	5	23155	25	#0	16QAM	NV	30	-30.97	-0.043	PASS
NVNT	Band1 2	5	23155	25	#0	16QAM	NV	40	-32.33	-0.045	PASS
NVNT	Band1 2	5	23155	25	#0	16QAM	NV	50	-33.85	-0.047	PASS
NVNT	Band1 2	10	23060	50	#0	QPSK	NV	-30	-4.94	-0.007	PASS
NVNT	Band1 2	10	23060	50	#0	QPSK	NV	-20	-6.92	-0.010	PASS
NVNT	Band1 2	10	23060	50	#0	QPSK	NV	0	-7.70	-0.011	PASS
NVNT	Band1 2	10	23060	50	#0	QPSK	NV	10	-6.41	-0.009	PASS
NVNT	Band1 2	10	23060	50	#0	QPSK	NV	20	-11.66	-0.017	PASS
NVNT	Band1 2	10	23060	50	#0	QPSK	NV	30	-11.53	-0.016	PASS
NVNT	Band1 2	10	23060	50	#0	QPSK	NV	40	-14.91	-0.021	PASS
NVNT	Band1 2	10	23060	50	#0	QPSK	NV	50	-5.62	-0.008	PASS
NVNT	Band1 2	10	23060	50	#0	16QAM	NV	-30	-1.43	-0.002	PASS
NVNT	Band1 2	10	23060	50	#0	16QAM	NV	-20	0.46	0.001	PASS
NVNT	Band1 2	10	23060	50	#0	16QAM	NV	0	3.18	0.005	PASS
NVNT	Band1 2	10	23060	50	#0	16QAM	NV	10	5.82	0.008	PASS
NVNT	Band1 2	10	23060	50	#0	16QAM	NV	20	6.58	0.009	PASS
NVNT	Band1 2	10	23060	50	#0	16QAM	NV	30	8.90	0.013	PASS
NVNT	Band1 2	10	23060	50	#0	16QAM	NV	40	7.54	0.011	PASS
NVNT	Band1 2	10	23060	50	#0	16QAM	NV	50	8.04	0.011	PASS

NVNT	Band1 2	10	23095	50	#0	QPSK	NV	-30	-1.96	-0.003	PASS
NVNT	Band1 2	10	23095	50	#0	QPSK	NV	-20	-0.90	-0.001	PASS
NVNT	Band1 2	10	23095	50	#0	QPSK	NV	0	-0.23	0.000	PASS
NVNT	Band1 2	10	23095	50	#0	QPSK	NV	10	1.13	0.002	PASS
NVNT	Band1 2	10	23095	50	#0	QPSK	NV	20	2.02	0.003	PASS
NVNT	Band1 2	10	23095	50	#0	QPSK	NV	30	4.53	0.006	PASS
NVNT	Band1 2	10	23095	50	#0	QPSK	NV	40	4.02	0.006	PASS
NVNT	Band1 2	10	23095	50	#0	QPSK	NV	50	3.58	0.005	PASS
NVNT	Band1 2	10	23095	50	#0	16QAM	NV	-30	4.95	0.007	PASS
NVNT	Band1 2	10	23095	50	#0	16QAM	NV	-20	6.79	0.010	PASS
NVNT	Band1 2	10	23095	50	#0	16QAM	NV	0	6.31	0.009	PASS
NVNT	Band1 2	10	23095	50	#0	16QAM	NV	10	7.72	0.011	PASS
NVNT	Band1 2	10	23095	50	#0	16QAM	NV	20	7.72	0.011	PASS
NVNT	Band1 2	10	23095	50	#0	16QAM	NV	30	10.40	0.015	PASS
NVNT	Band1 2	10	23095	50	#0	16QAM	NV	40	9.80	0.014	PASS
NVNT	Band1 2	10	23095	50	#0	16QAM	NV	50	10.19	0.014	PASS
NVNT	Band1 2	10	23130	50	#0	QPSK	NV	-30	3.29	0.005	PASS
NVNT	Band1 2	10	23130	50	#0	QPSK	NV	-20	2.47	0.003	PASS
NVNT	Band1 2	10	23130	50	#0	QPSK	NV	0	3.16	0.004	PASS
NVNT	Band1 2	10	23130	50	#0	QPSK	NV	10	4.23	0.006	PASS
NVNT	Band1 2	10	23130	50	#0	QPSK	NV	20	4.45	0.006	PASS
NVNT	Band1 2	10	23130	50	#0	QPSK	NV	30	4.42	0.006	PASS

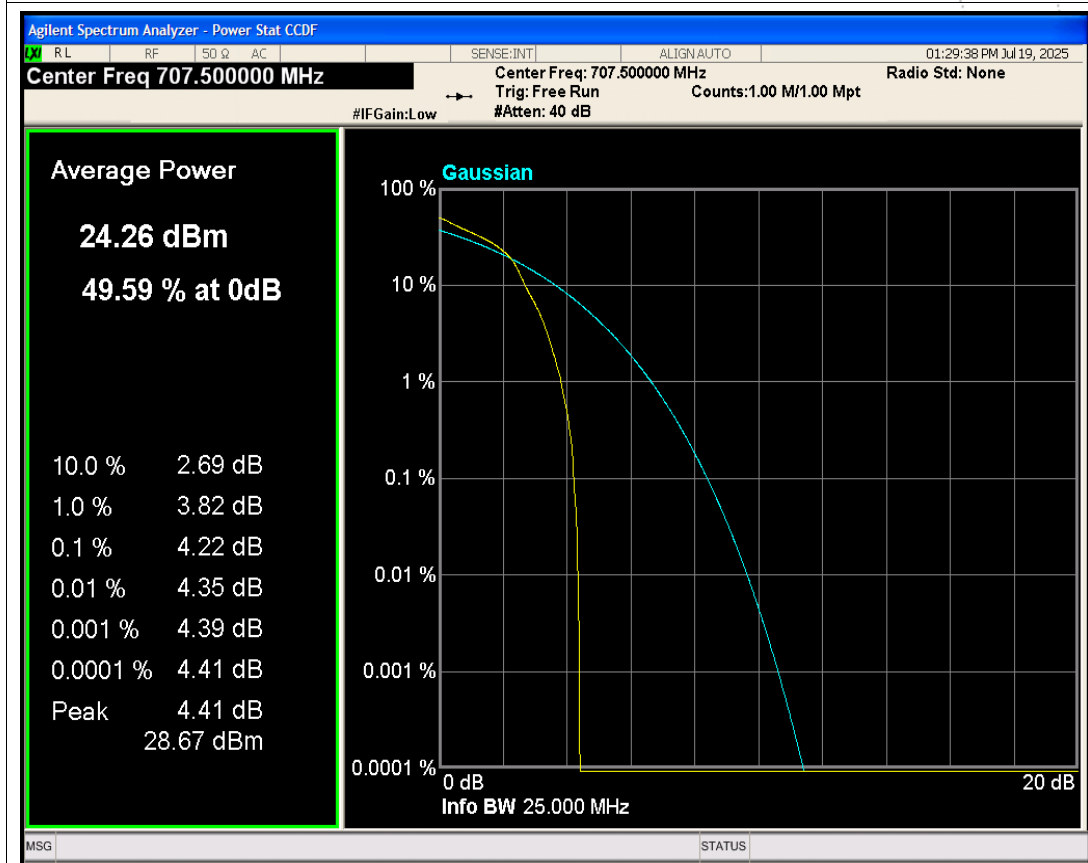
	2										
NVNT	Band1 2	10	23130	50	#0	QPSK	NV	40	1.89	0.003	PASS
NVNT	Band1 2	10	23130	50	#0	QPSK	NV	50	2.62	0.004	PASS
NVNT	Band1 2	10	23130	50	#0	16QAM	NV	-30	2.89	0.004	PASS
NVNT	Band1 2	10	23130	50	#0	16QAM	NV	-20	3.00	0.004	PASS
NVNT	Band1 2	10	23130	50	#0	16QAM	NV	0	5.14	0.007	PASS
NVNT	Band1 2	10	23130	50	#0	16QAM	NV	10	4.86	0.007	PASS
NVNT	Band1 2	10	23130	50	#0	16QAM	NV	20	5.48	0.008	PASS
NVNT	Band1 2	10	23130	50	#0	16QAM	NV	30	6.95	0.010	PASS
NVNT	Band1 2	10	23130	50	#0	16QAM	NV	40	5.65	0.008	PASS
NVNT	Band1 2	10	23130	50	#0	16QAM	NV	50	6.15	0.009	PASS

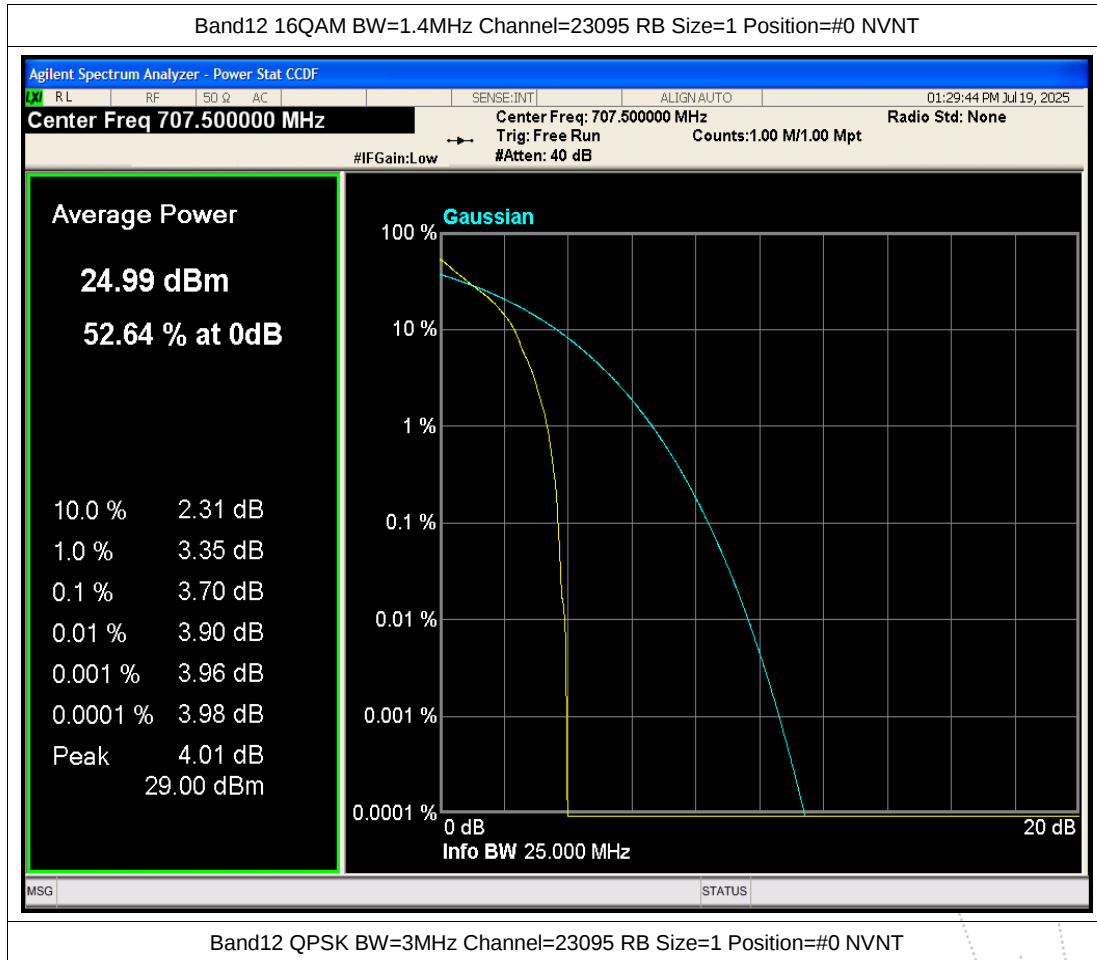
Appendix 3. Peak-to-Average Ratio

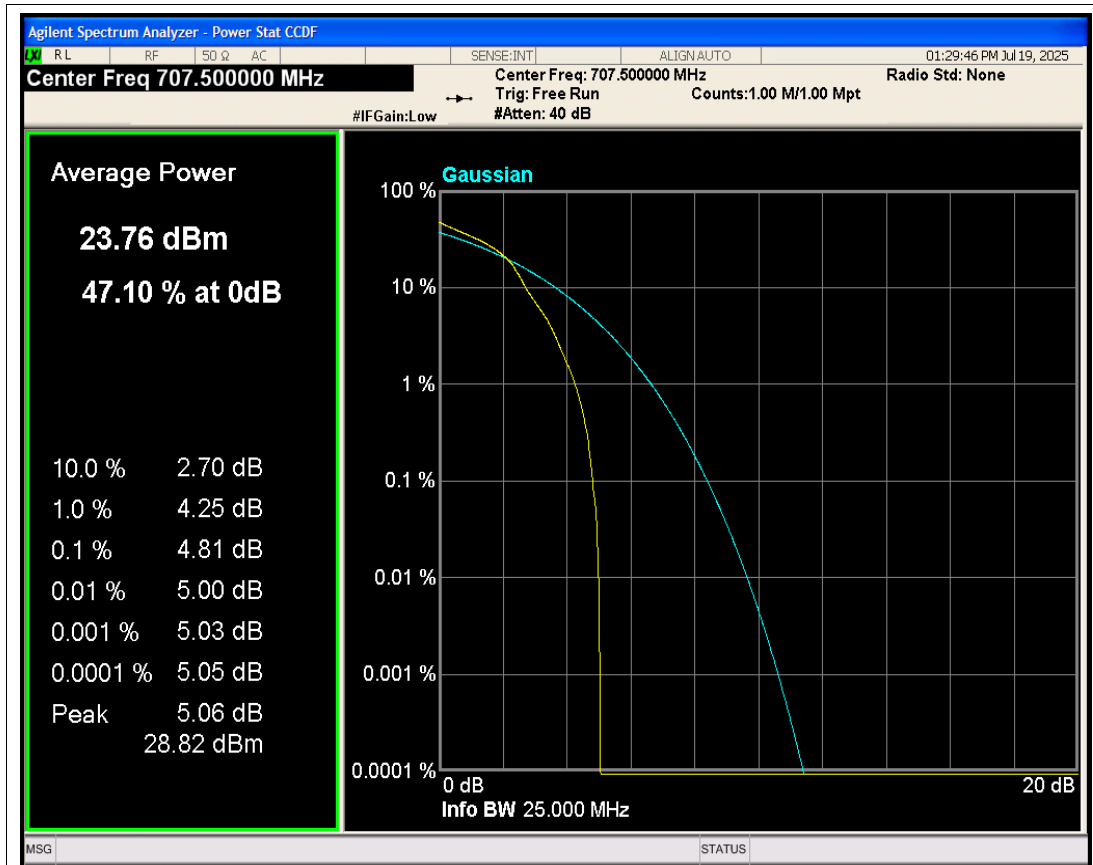
Condition	Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
NVNT	Band12	1.4	23095	1	#0	QPSK	3.37	13	PASS
NVNT	Band12	1.4	23095	1	#0	16QAM	4.22	13	PASS
NVNT	Band12	3	23095	1	#0	QPSK	3.70	13	PASS
NVNT	Band12	3	23095	1	#0	16QAM	4.81	13	PASS
NVNT	Band12	5	23095	1	#0	QPSK	4.39	13	PASS
NVNT	Band12	5	23095	1	#0	16QAM	5.29	13	PASS
NVNT	Band12	10	23095	1	#0	QPSK	4.97	13	PASS
NVNT	Band12	10	23095	1	#0	16QAM	5.85	13	PASS



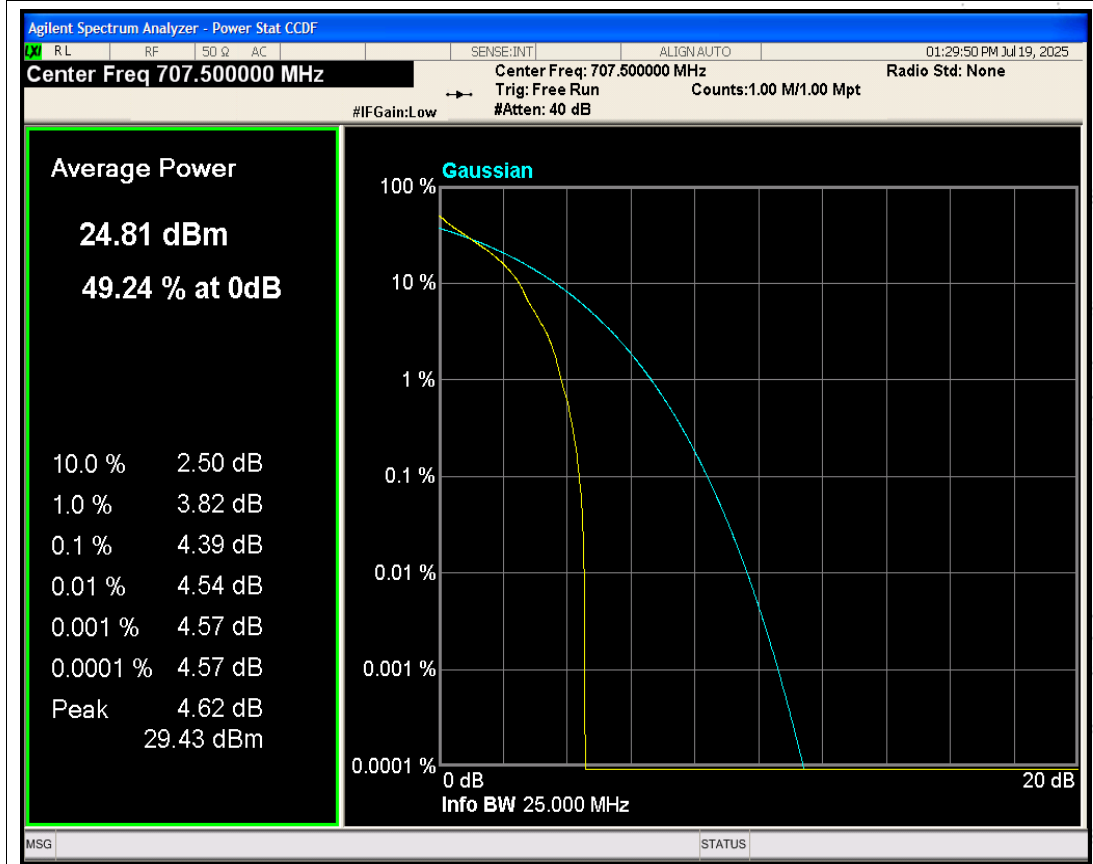
Band12 QPSK BW=1.4MHz Channel=23095 RB Size=1 Position=#0 NVNT

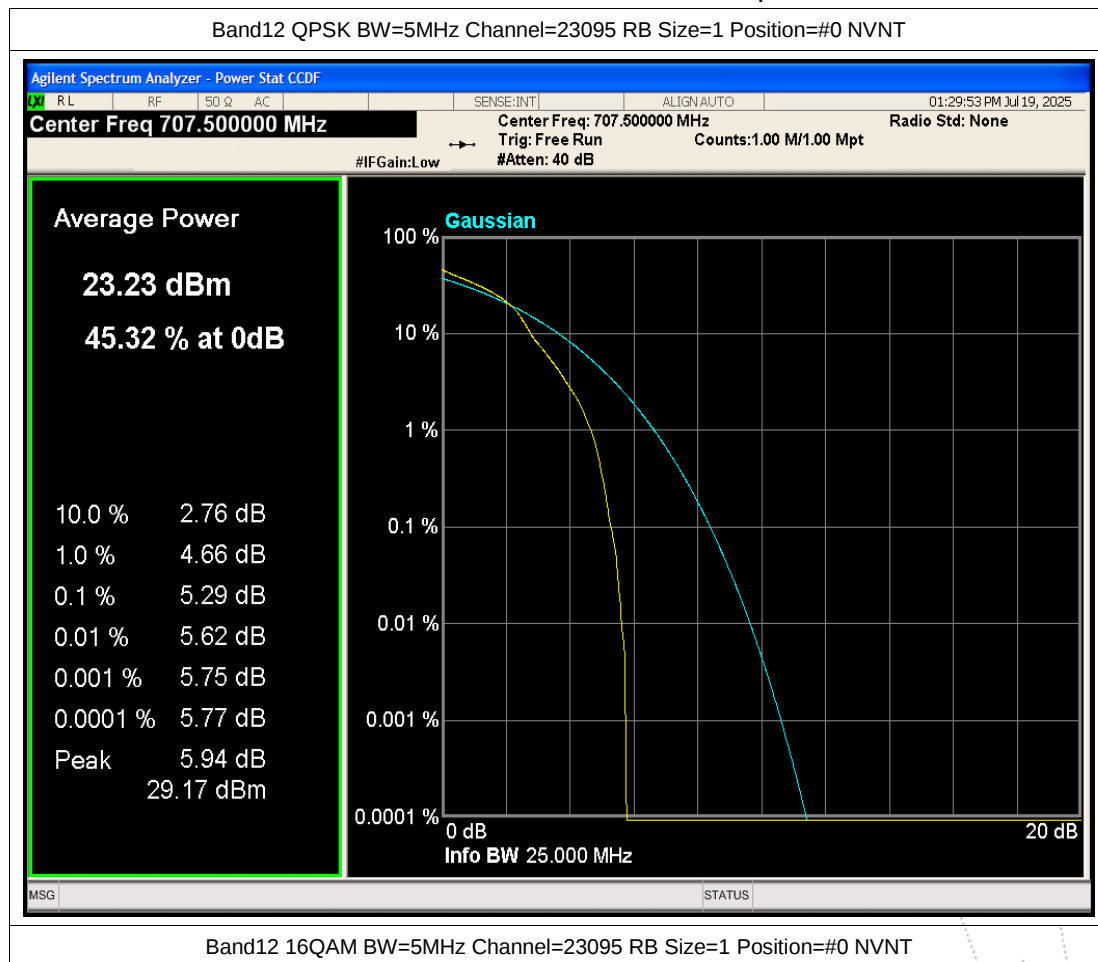


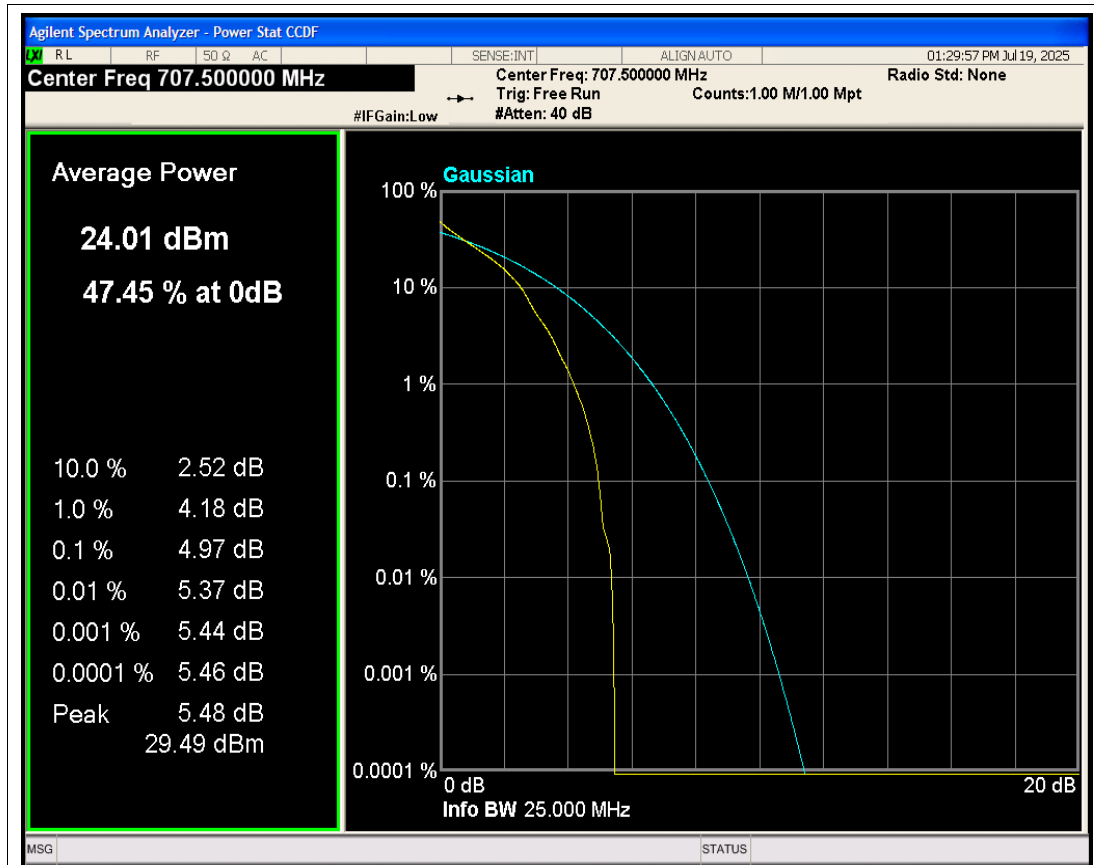




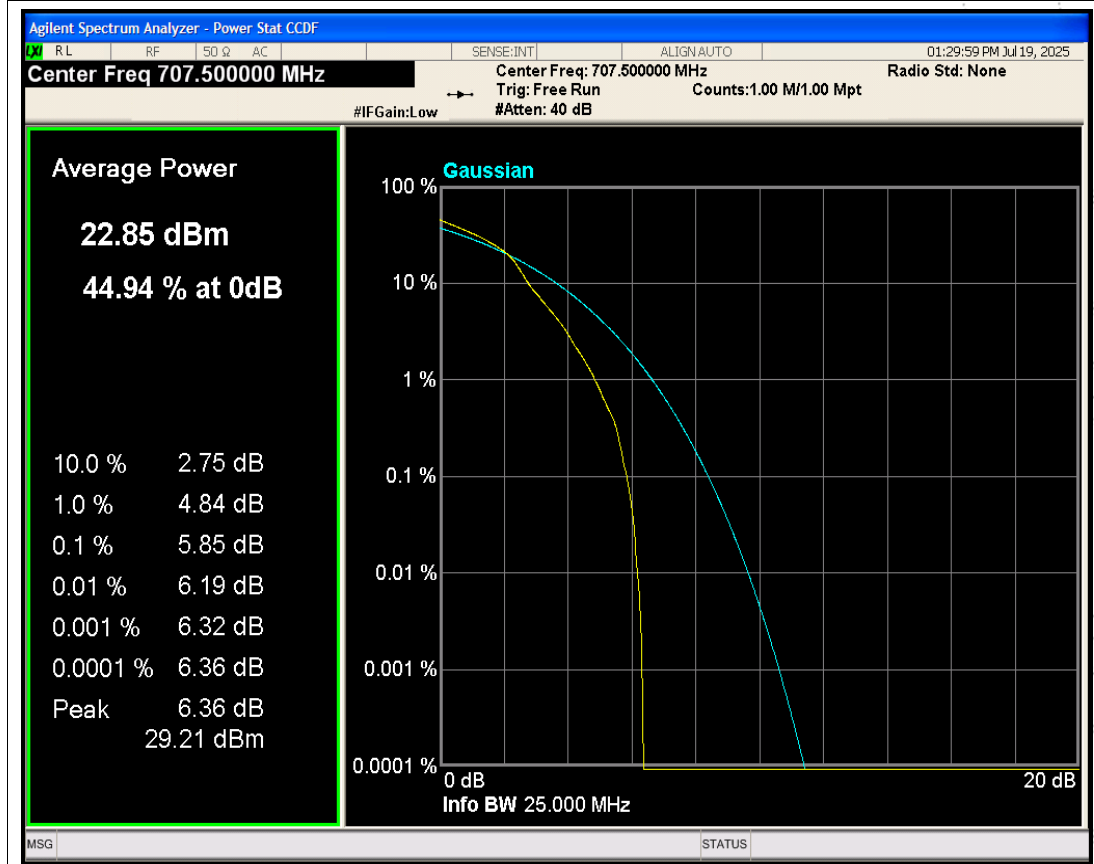
Band12 16QAM BW=3MHz Channel=23095 RB Size=1 Position=#0 NVNT

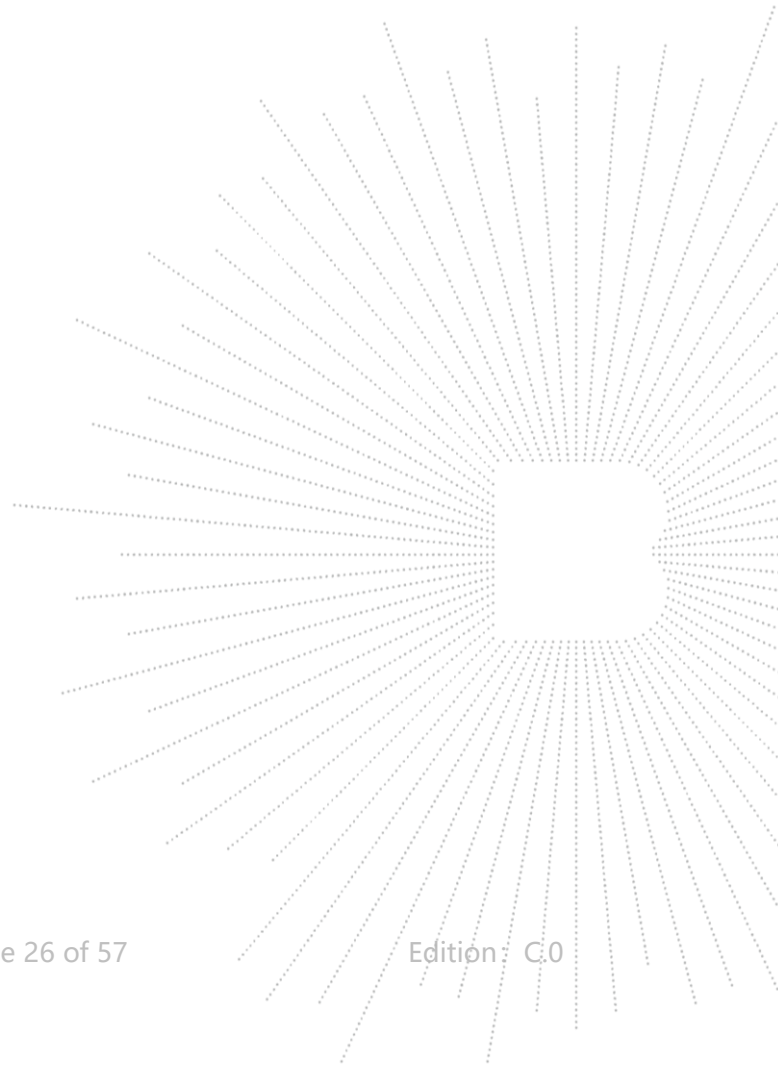






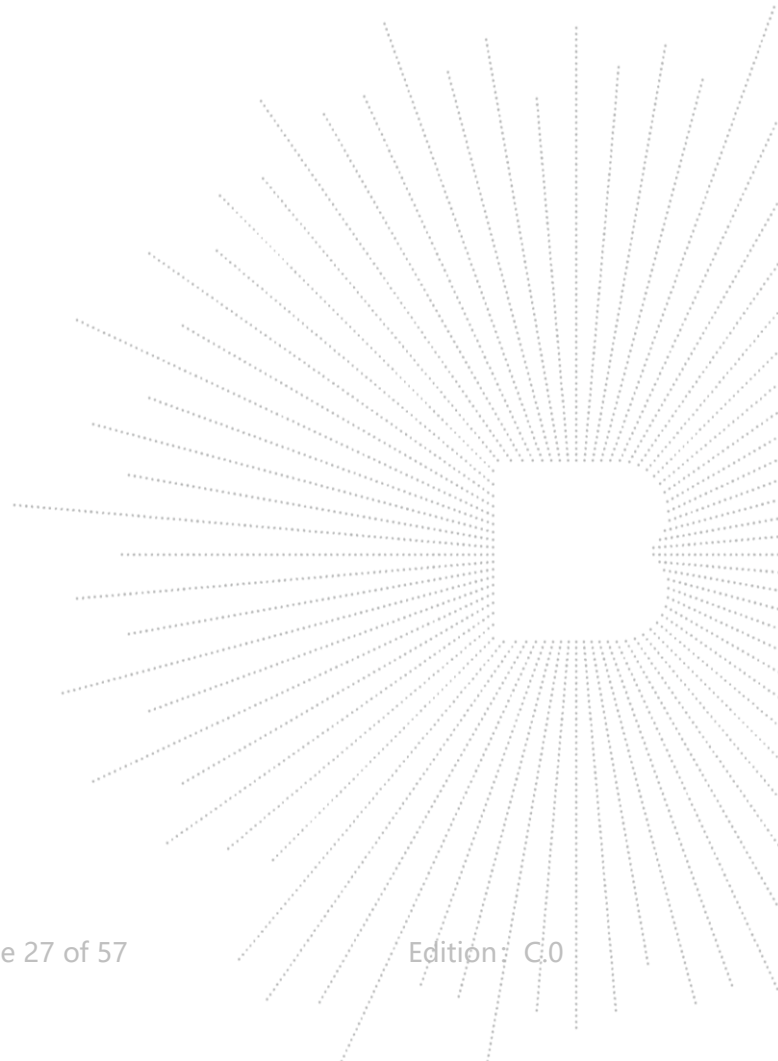
Band12 QPSK BW=10MHz Channel=23095 RB Size=1 Position=#0 NVNT

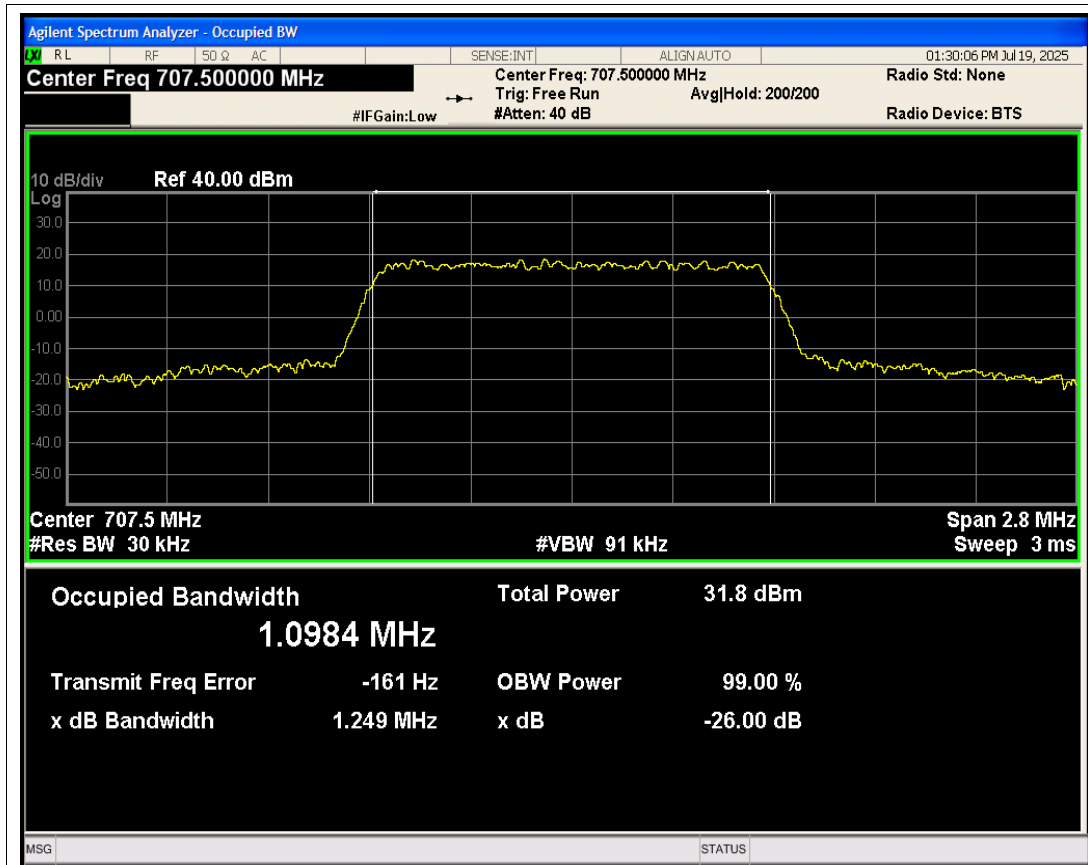




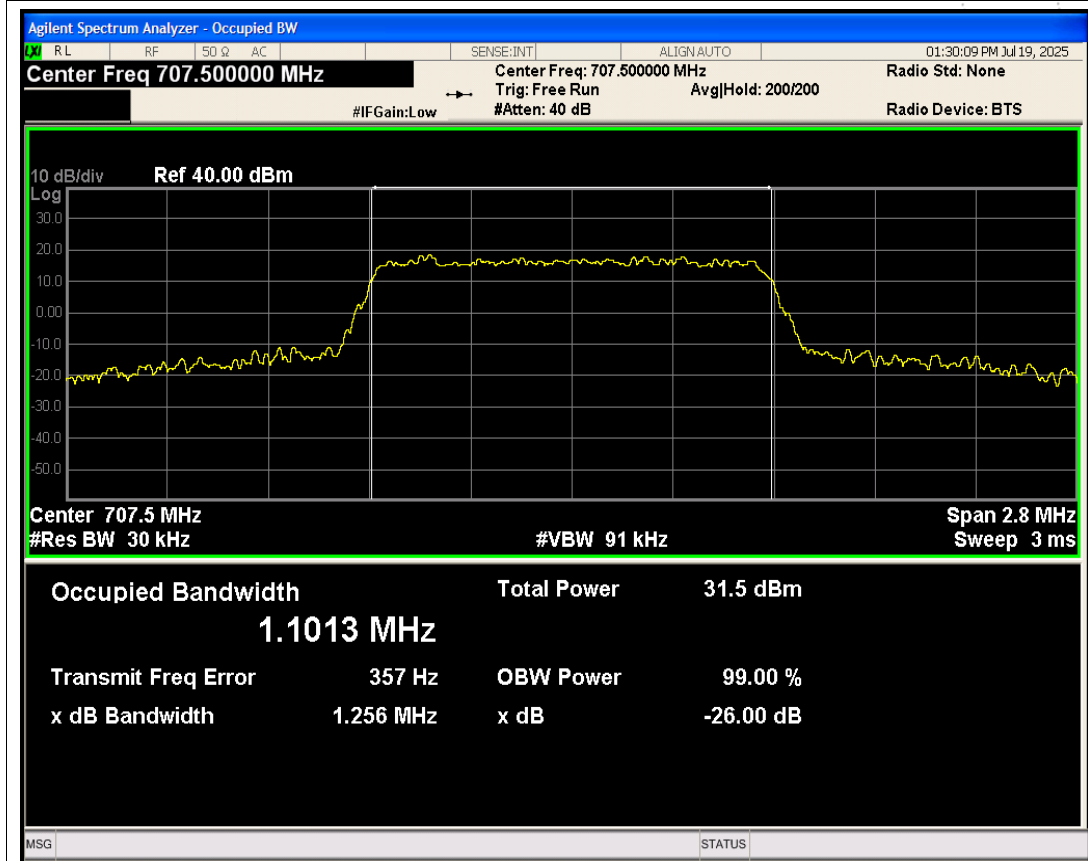
Appendix 4.Occupied bandwidth

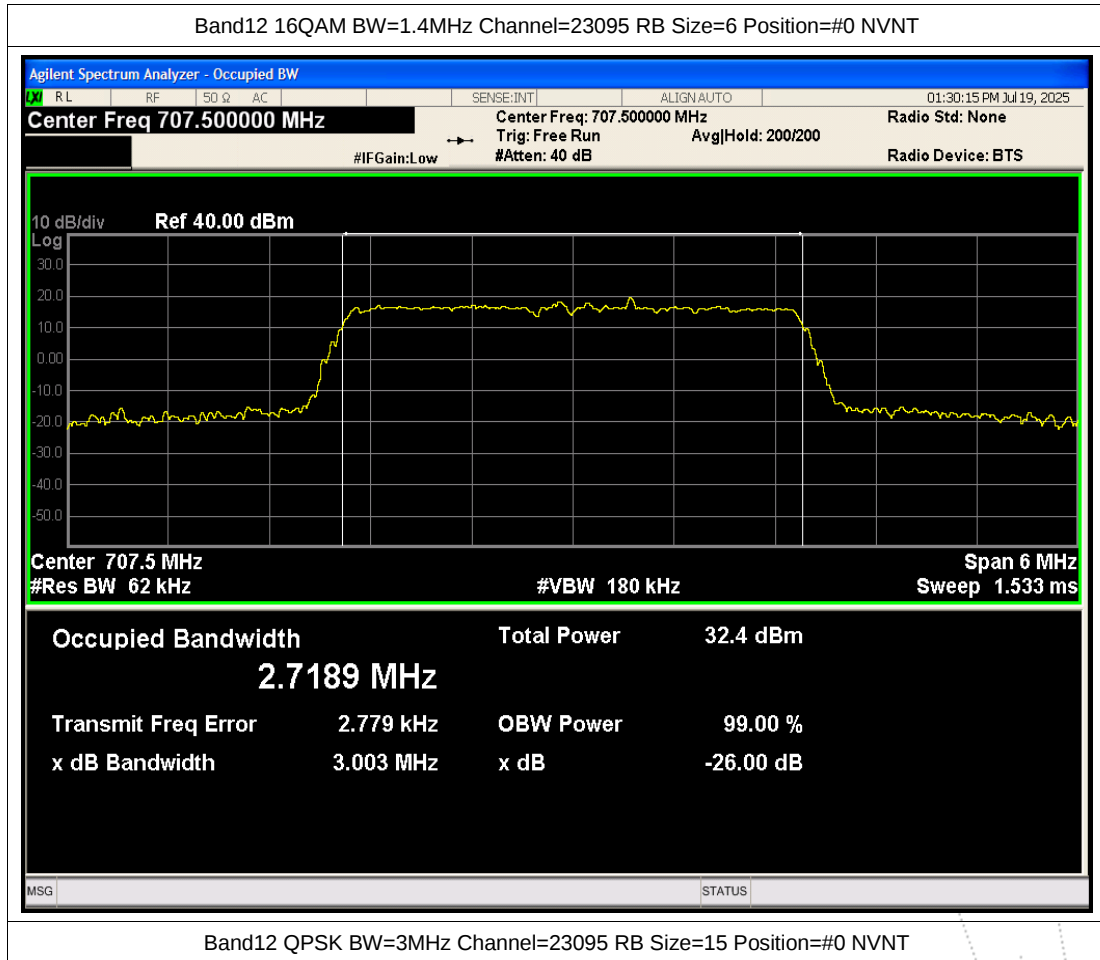
<i>Condition</i>	<i>Band</i>	<i>Bandwidth (MHz)</i>	<i>UL Channel</i>	<i>RB Size</i>	<i>RB Position</i>	<i>Modulation</i>	<i>99% OBW (MHz)</i>	<i>-26dB EBW (MHz)</i>	<i>Verdict</i>
NVNT	Band12	1.4	23095	6	#0	QPSK	1.098	1.249	PASS
NVNT	Band12	1.4	23095	6	#0	16QAM	1.101	1.256	PASS
NVNT	Band12	3	23095	15	#0	QPSK	2.719	3.003	PASS
NVNT	Band12	3	23095	15	#0	16QAM	2.700	3.041	PASS
NVNT	Band12	5	23095	25	#0	QPSK	4.518	4.917	PASS
NVNT	Band12	5	23095	25	#0	16QAM	4.499	4.952	PASS
NVNT	Band12	10	23095	50	#0	QPSK	8.972	9.699	PASS
NVNT	Band12	10	23095	50	#0	16QAM	8.989	9.847	PASS

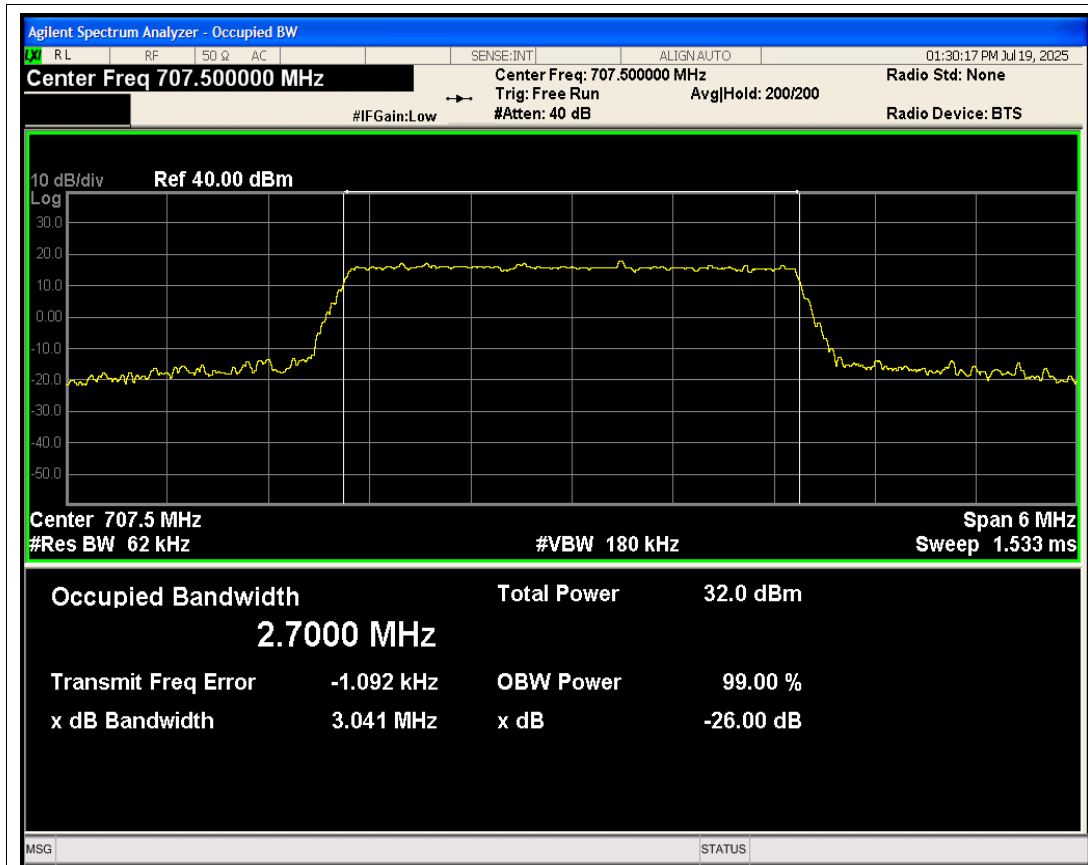




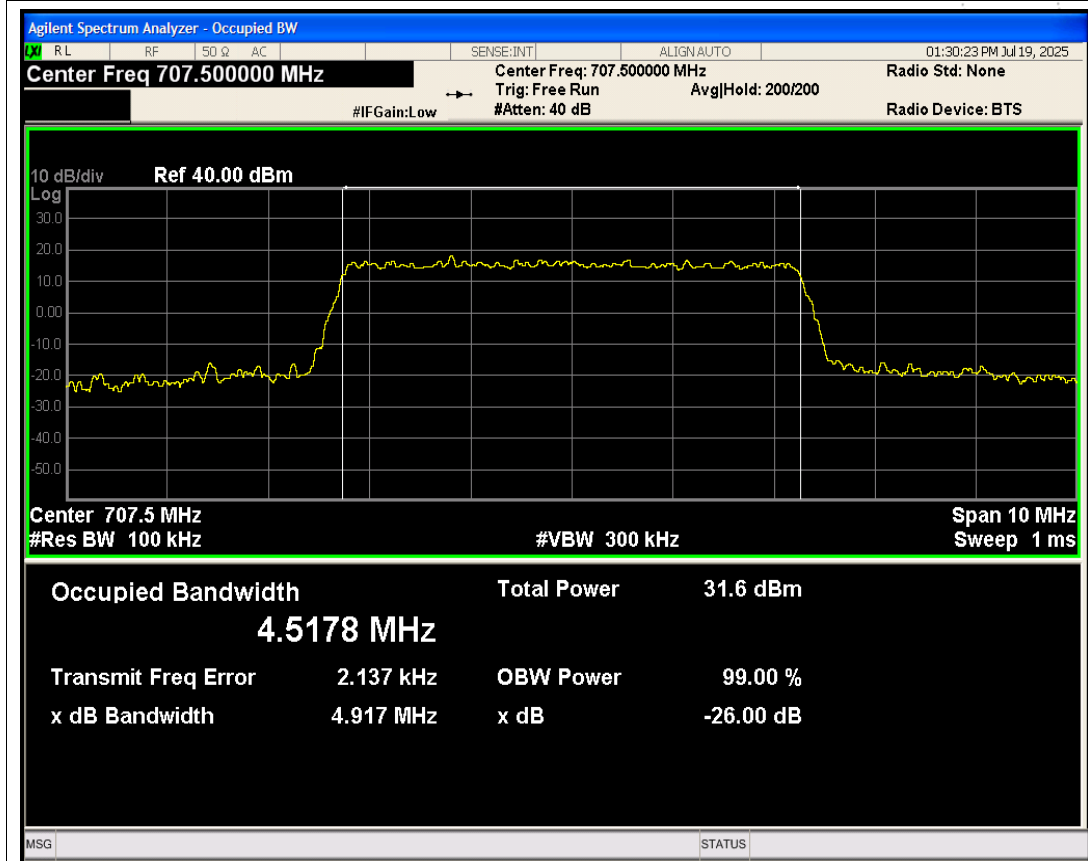
Band12 QPSK BW=1.4MHz Channel=23095 RB Size=6 Position=#0 NVNT





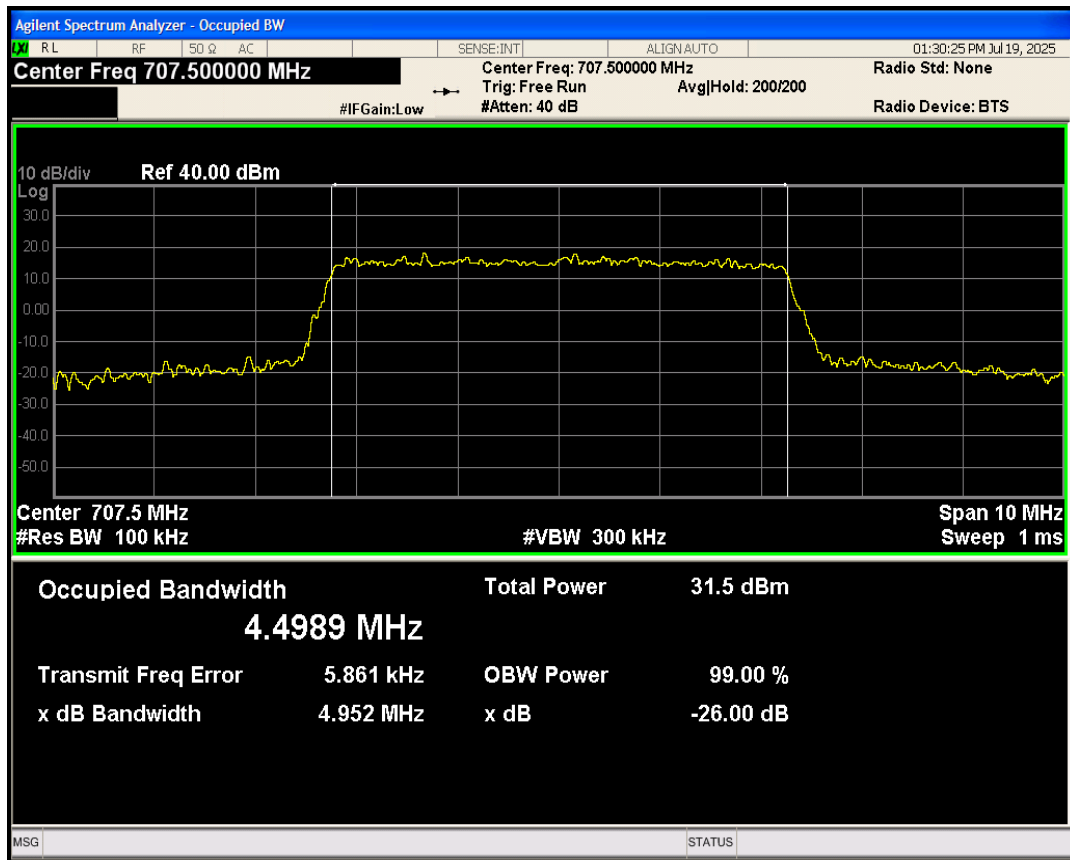


Band12 16QAM BW=3MHz Channel=23095 RB Size=15 Position=#0 NVNT

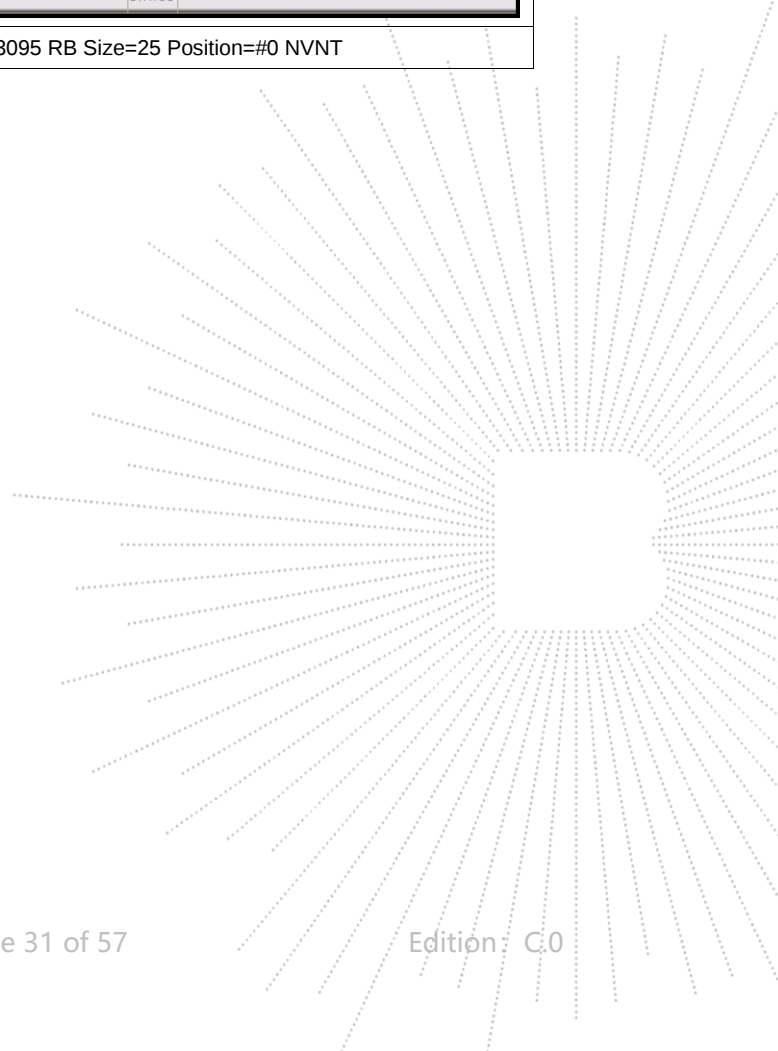


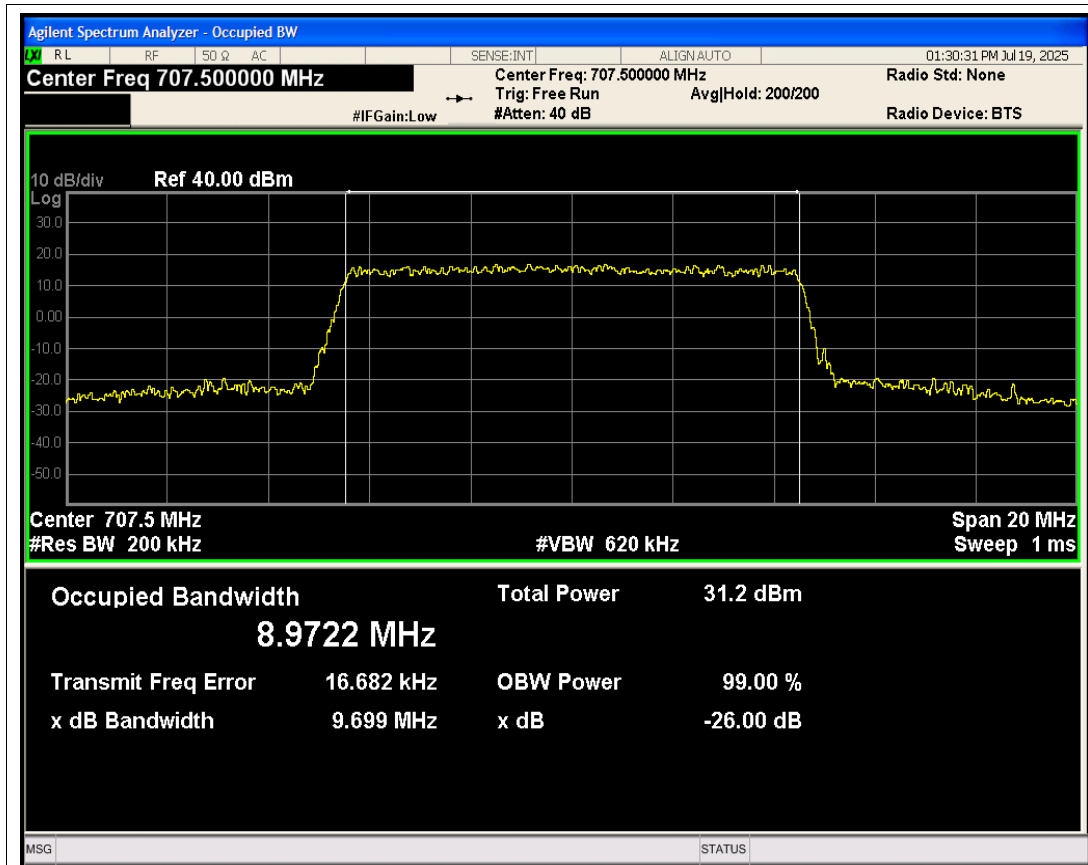


Band12 QPSK BW=5MHz Channel=23095 RB Size=25 Position=#0 NVNT

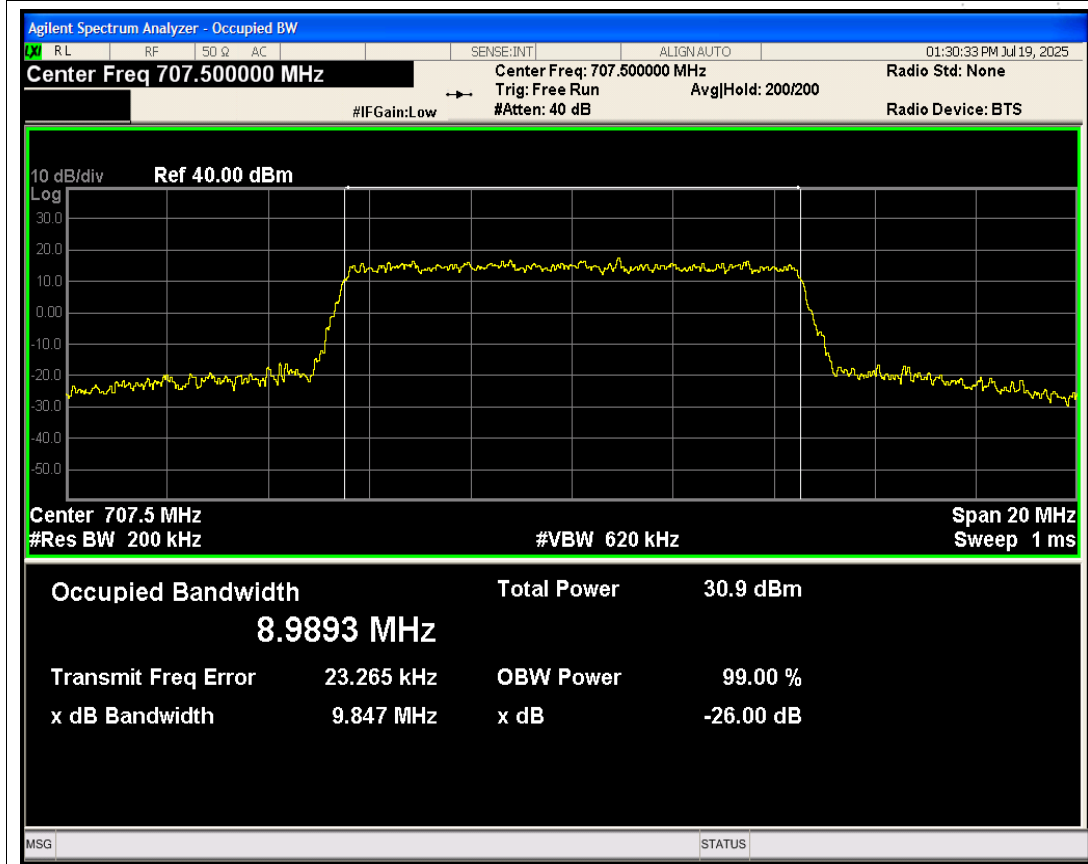


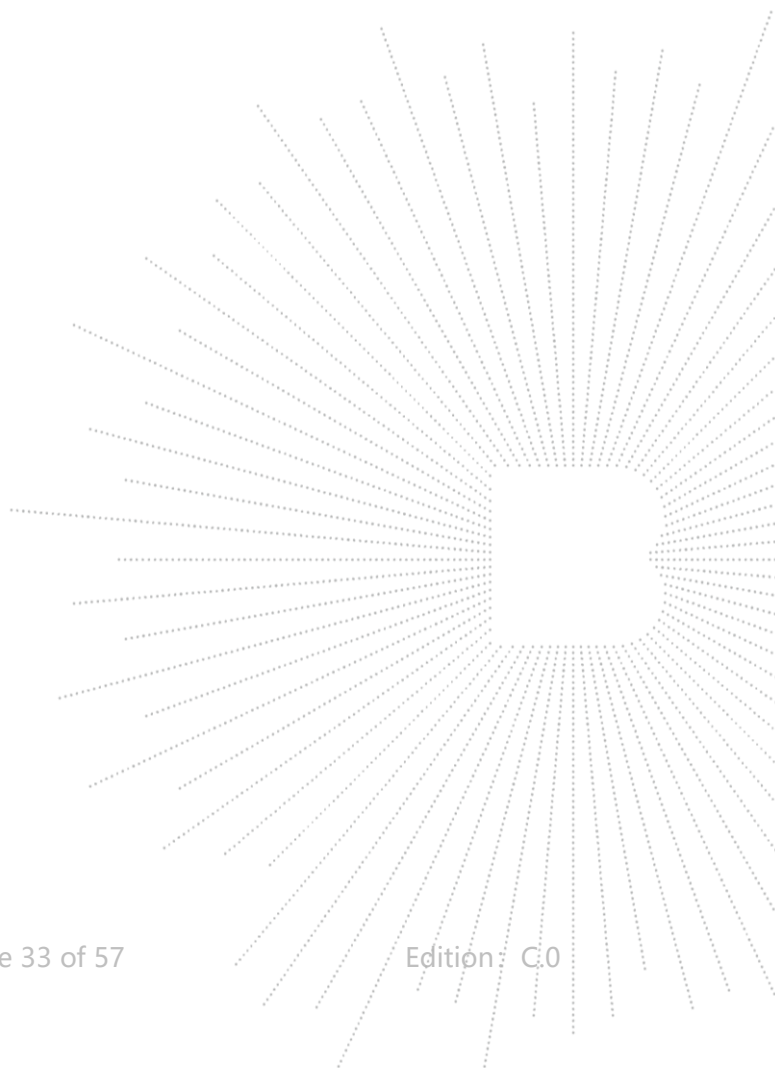
Band12 16QAM BW=5MHz Channel=23095 RB Size=25 Position=#0 NVNT





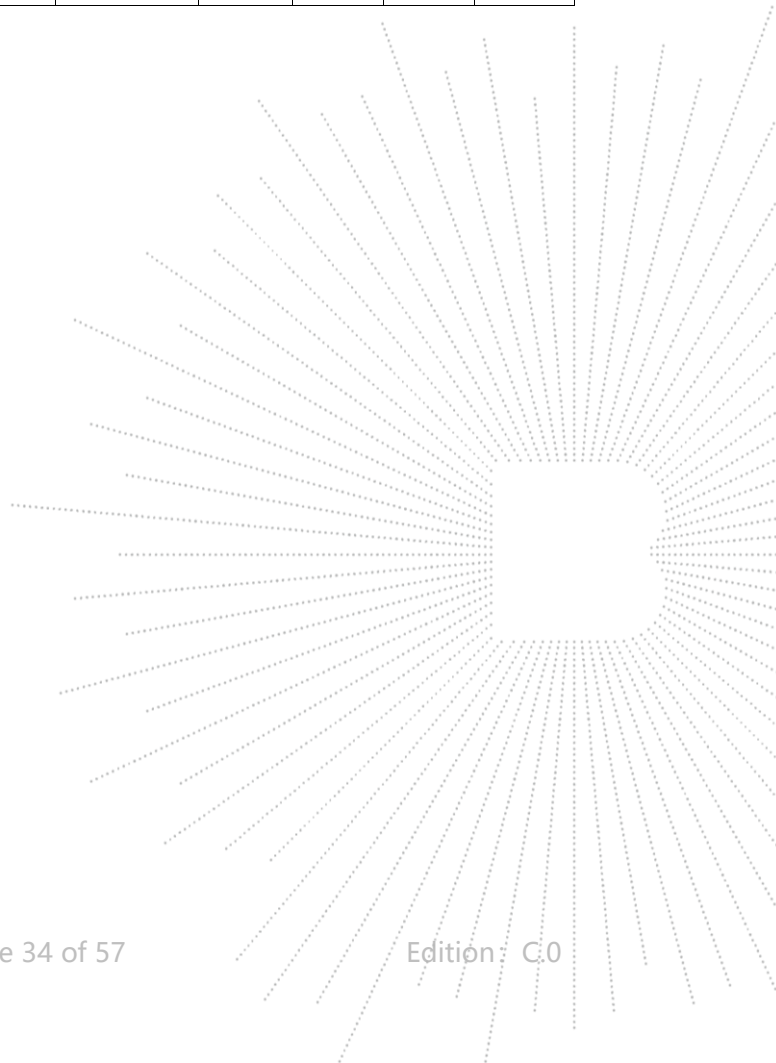
Band12 QPSK BW=10MHz Channel=23095 RB Size=50 Position=#0 NVNT

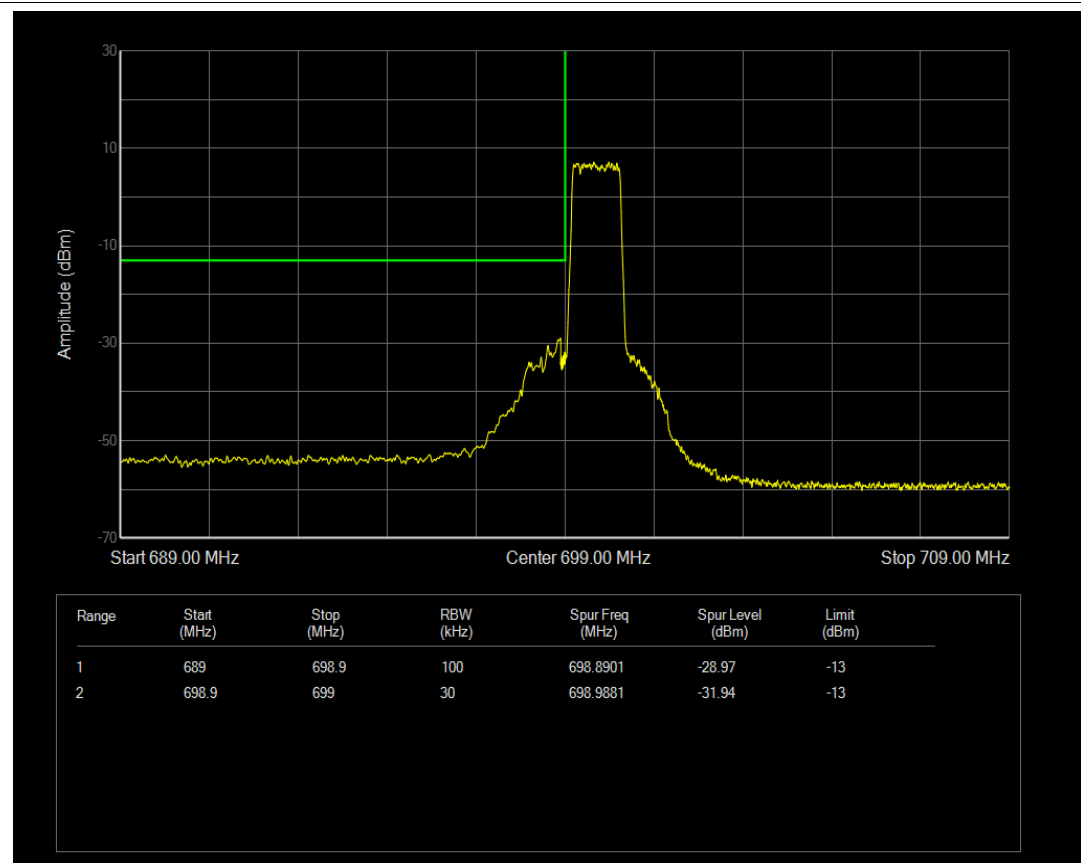




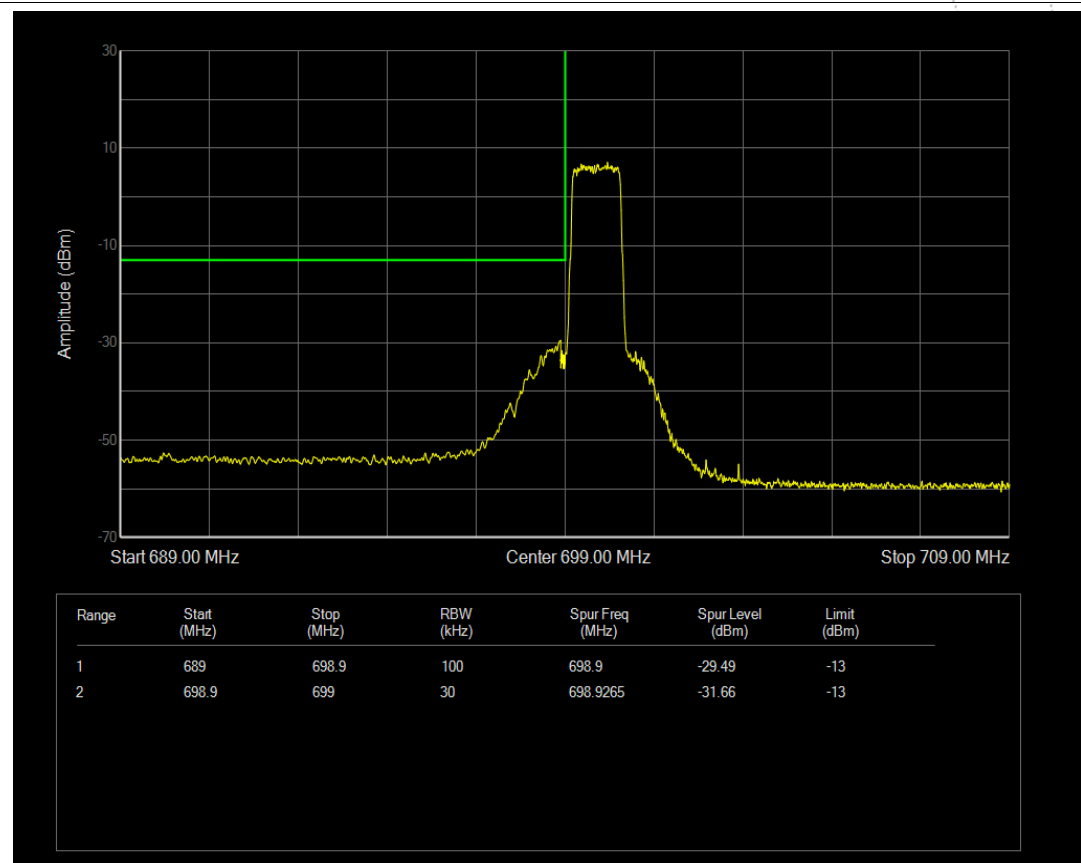
Appendix 5.Band edge

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	698.89	-28.97	-13	PASS
NVNT	Band12	1.4	23017	6	#0	16QAM	698.90	-29.49	-13	PASS
NVNT	Band12	1.4	23173	6	#0	QPSK	716.15	-20.35	-13	PASS
NVNT	Band12	1.4	23173	6	#0	16QAM	716.12	-19.61	-13	PASS
NVNT	Band12	3	23025	15	#0	QPSK	699.00	-24.43	-13	PASS
NVNT	Band12	3	23025	15	#0	16QAM	699.00	-24.95	-13	PASS
NVNT	Band12	3	23165	15	#0	QPSK	716.15	-23.31	-13	PASS
NVNT	Band12	3	23165	15	#0	16QAM	716.16	-22.43	-13	PASS
NVNT	Band12	5	23035	25	#0	QPSK	698.90	-30.61	-13	PASS
NVNT	Band12	5	23035	25	#0	16QAM	698.75	-30.43	-13	PASS
NVNT	Band12	5	23155	25	#0	QPSK	716.16	-25.41	-13	PASS
NVNT	Band12	5	23155	25	#0	16QAM	716.22	-25.22	-13	PASS
NVNT	Band12	10	23060	50	#0	QPSK	698.90	-31.78	-13	PASS
NVNT	Band12	10	23060	50	#0	16QAM	698.75	-31.63	-13	PASS
NVNT	Band12	10	23130	50	#0	QPSK	716.12	-29.24	-13	PASS
NVNT	Band12	10	23130	50	#0	16QAM	716.27	-29.94	-13	PASS



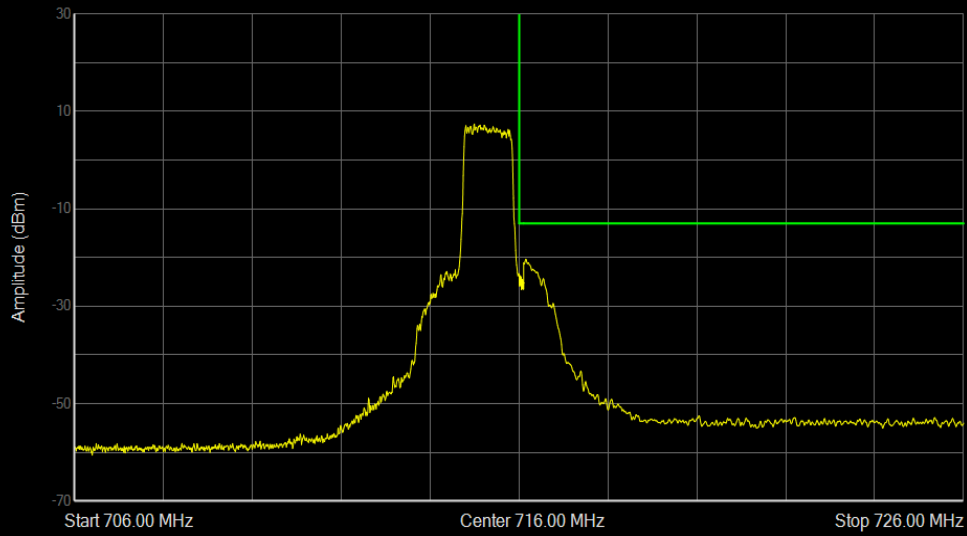


Band12 QPSK BW=1.4MHz Channel=23017 RB Size=6 Position=#0 NVNT



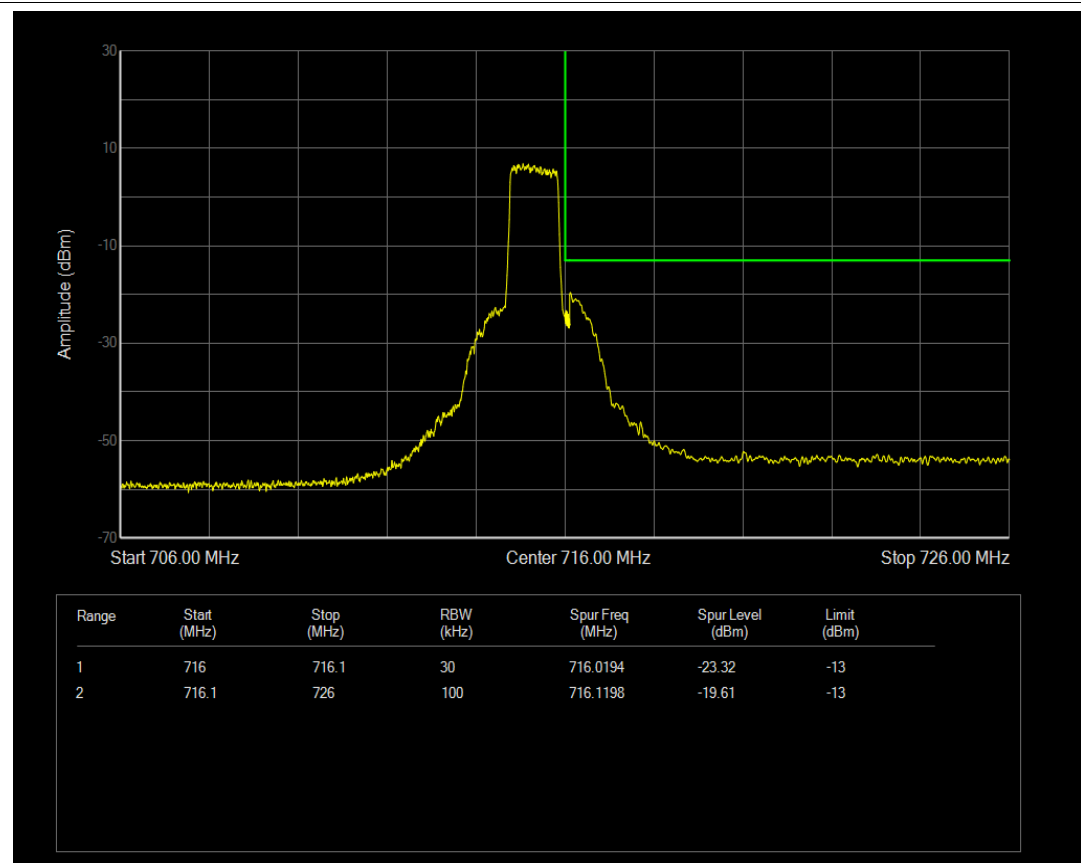


Band12 16QAM BW=1.4MHz Channel=23017 RB Size=6 Position=#0 NVNT

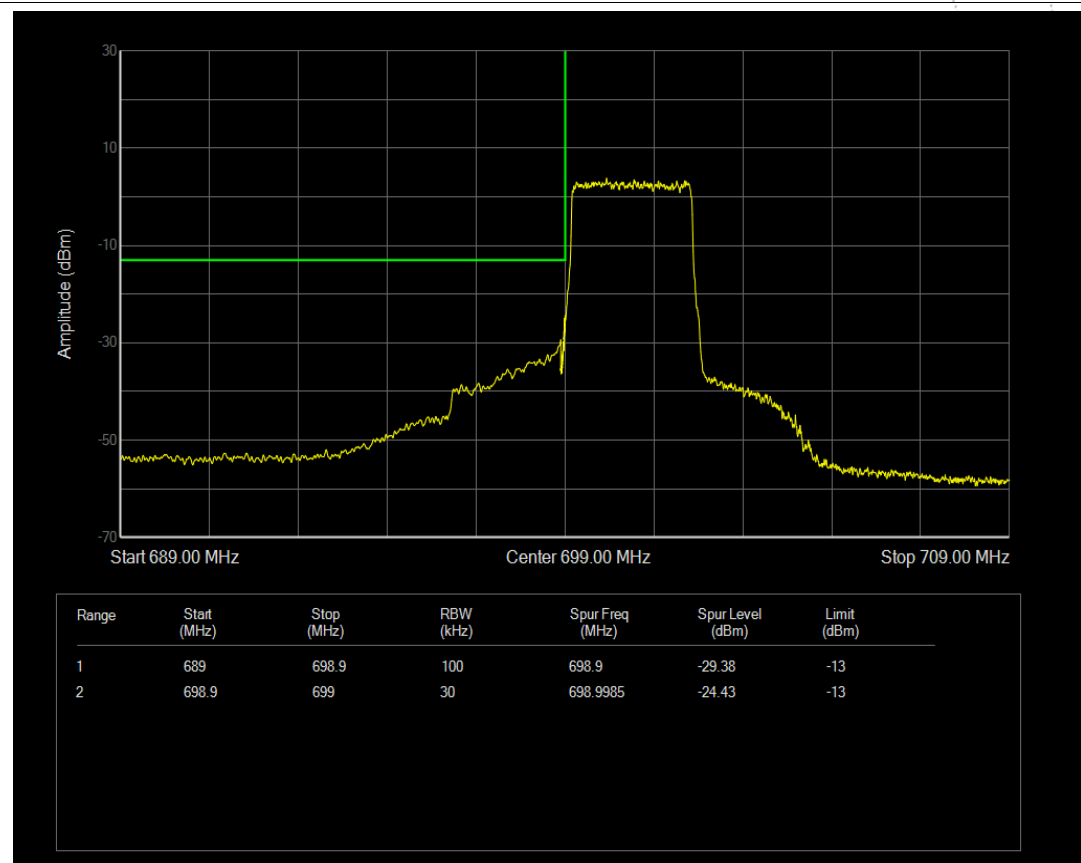


Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	716	716.1	30	716.0023	-23.53	-13
2	716.1	726	100	716.1495	-20.35	-13

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

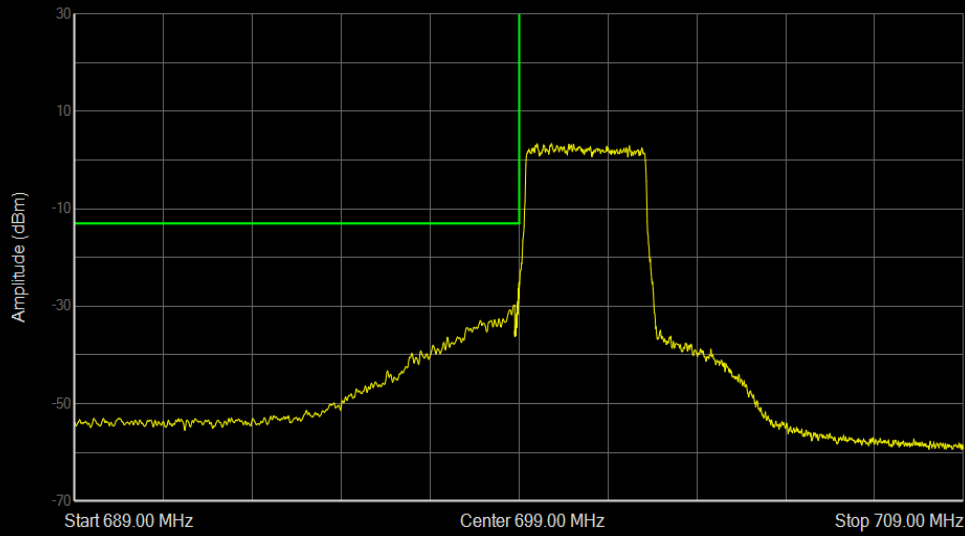


Band12 16QAM BW=1.4MHz Channel=23173 RB Size=6 Position=#0 NVNT



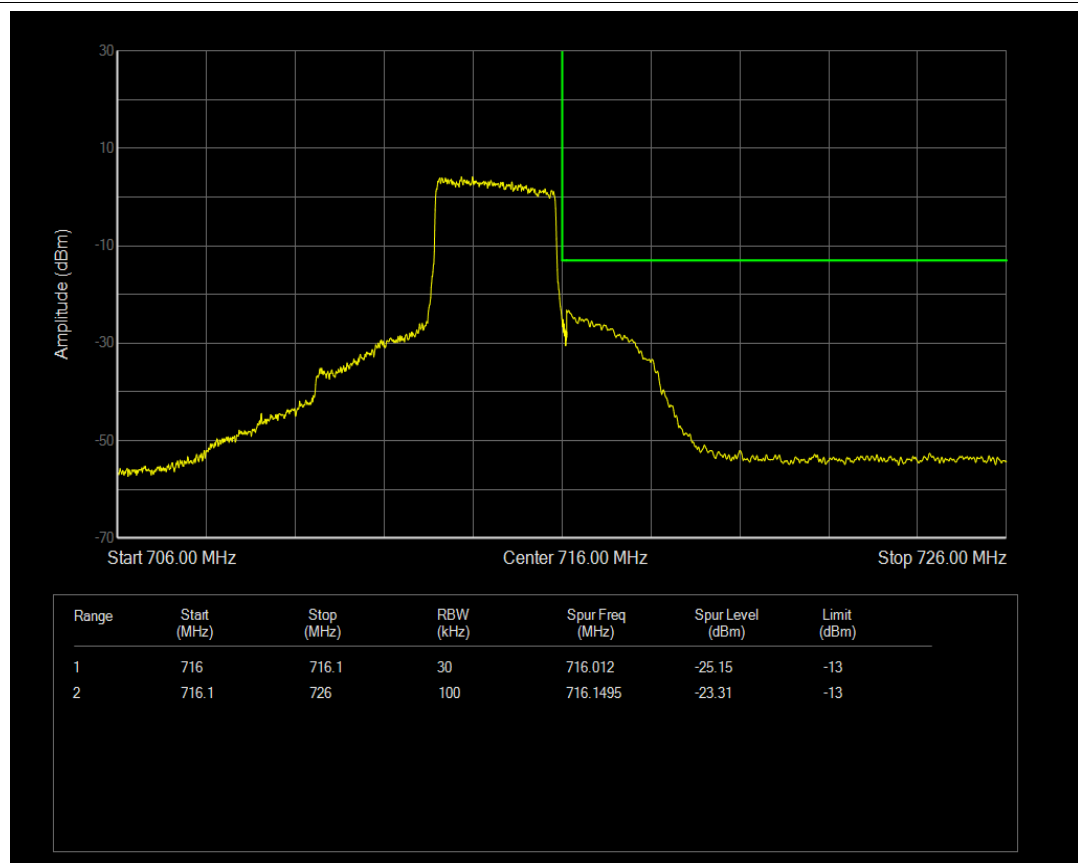


Band12 QPSK BW=3MHz Channel=23025 RB Size=15 Position=#0 NVNT

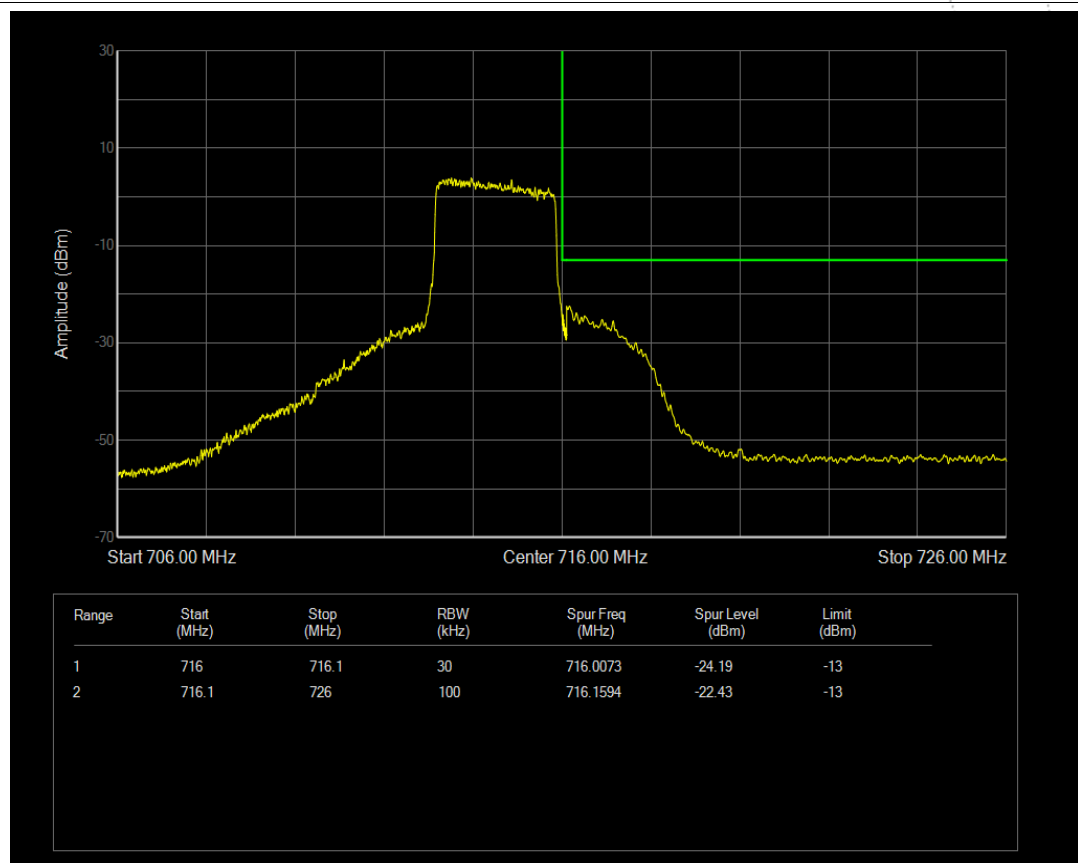


Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	689	698.9	100	698.9	-29.77	-13
2	698.9	699	30	698.9987	-24.95	-13

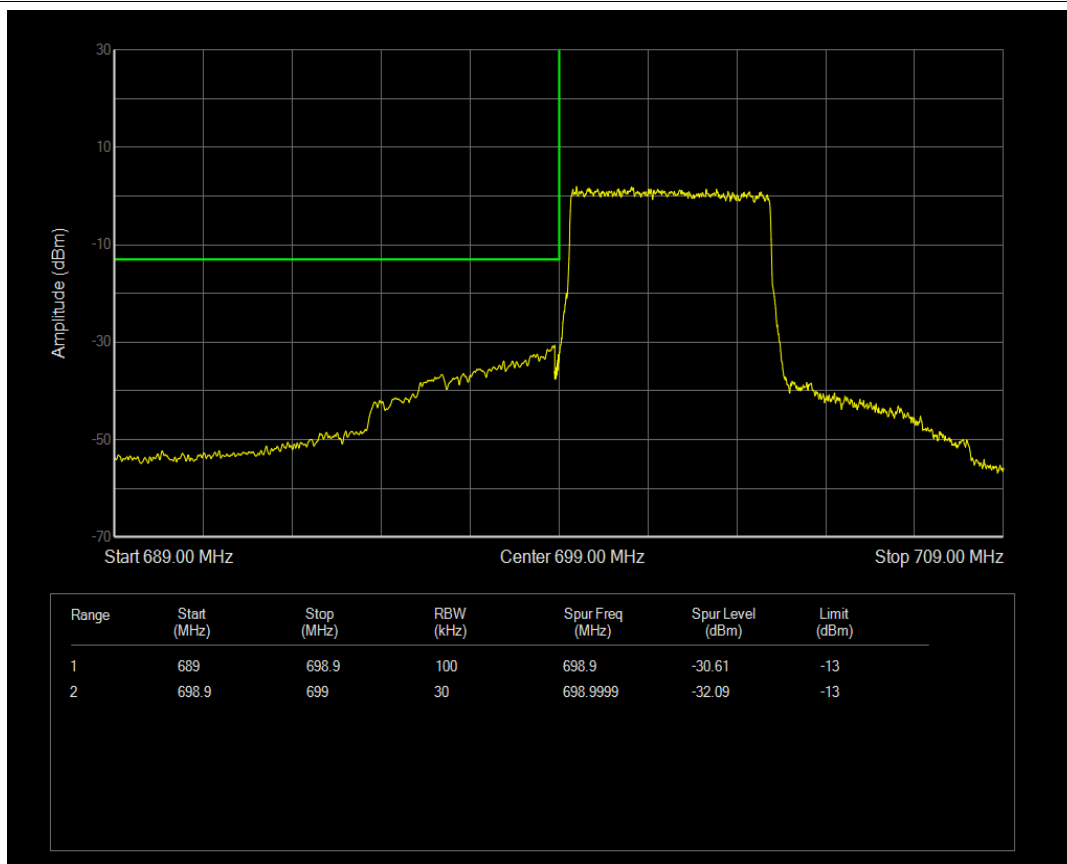
Band12 16QAM BW=3MHz Channel=23025 RB Size=15 Position=#0 NVNT



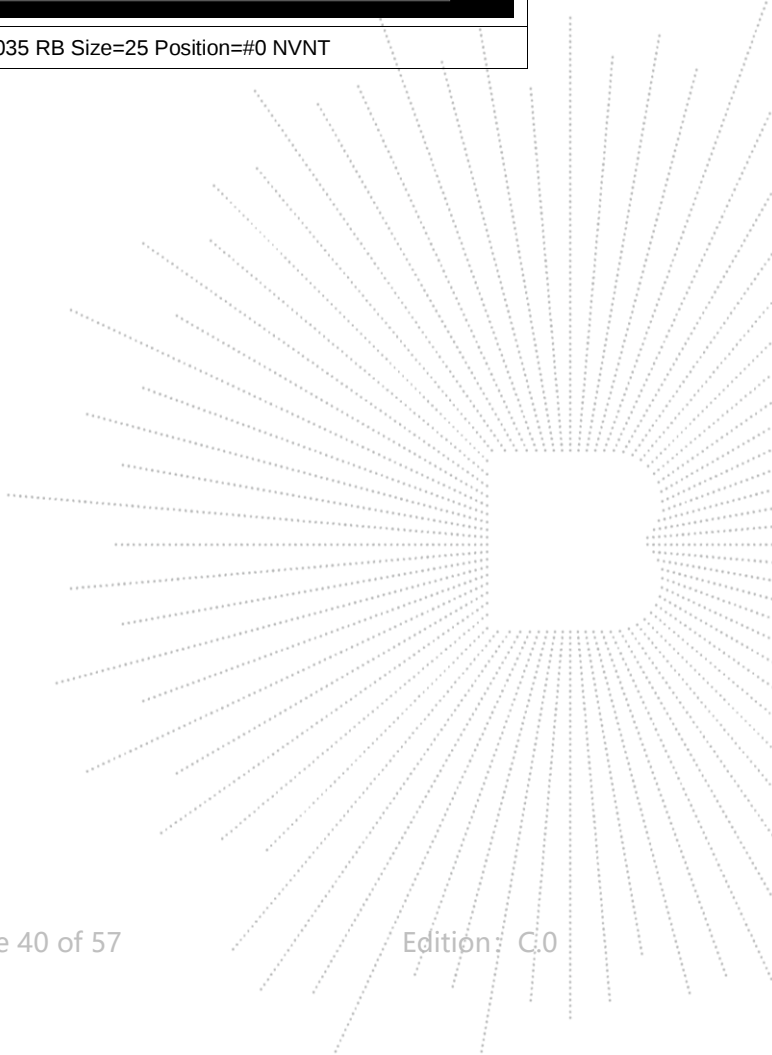
Band12 QPSK BW=3MHz Channel=23165 RB Size=15 Position=#0 NVNT

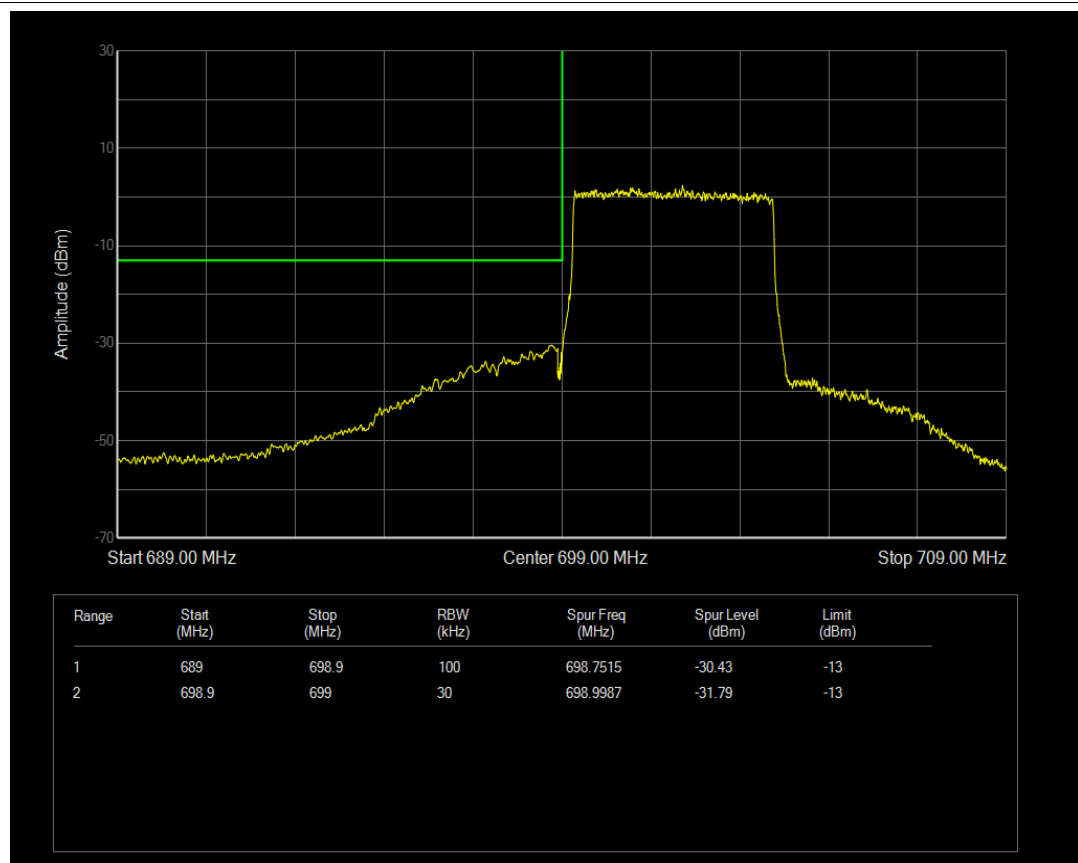


Band12 16QAM BW=3MHz Channel=23165 RB Size=15 Position=#0 NVNT

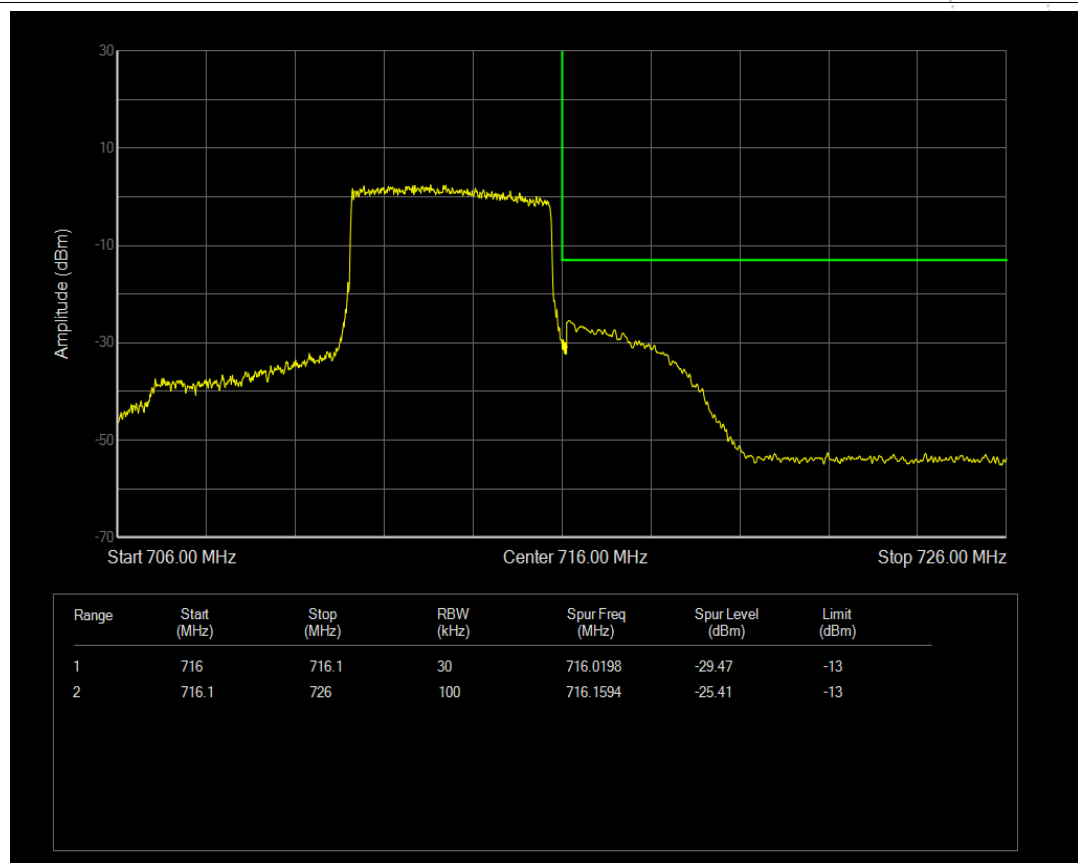


Band12 QPSK BW=5MHz Channel=23035 RB Size=25 Position=#0 NVNT

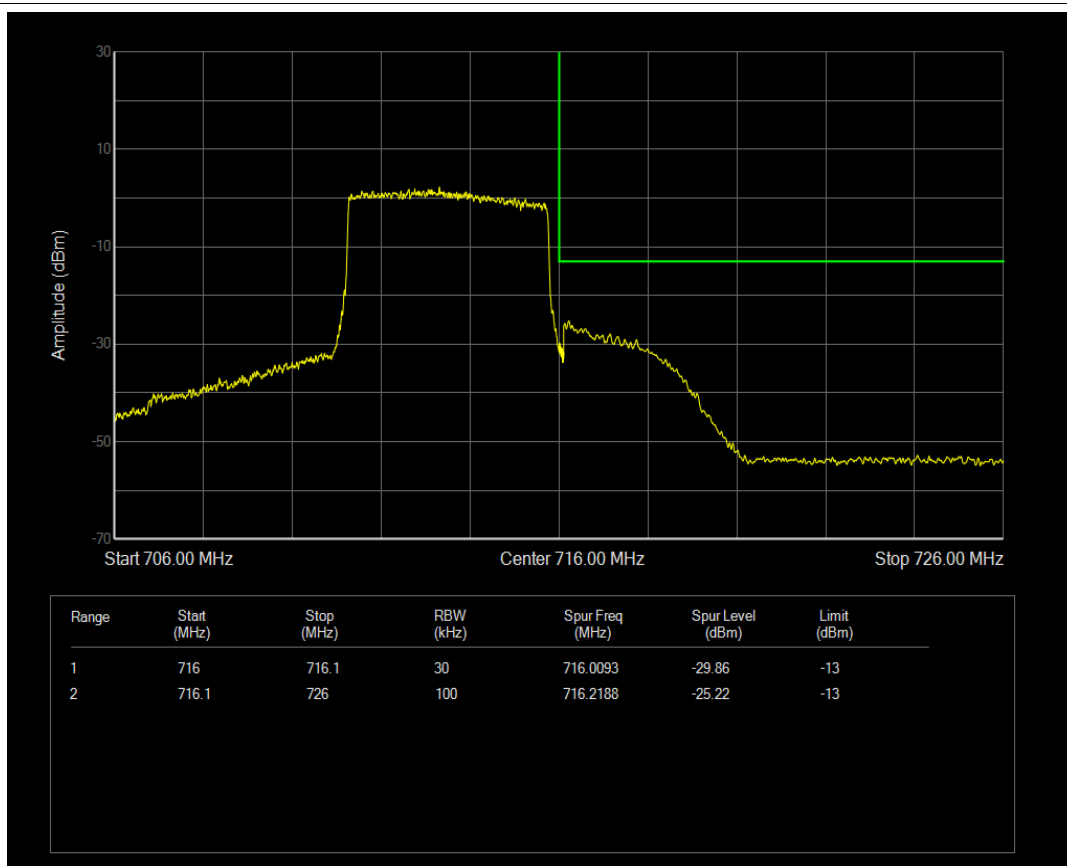




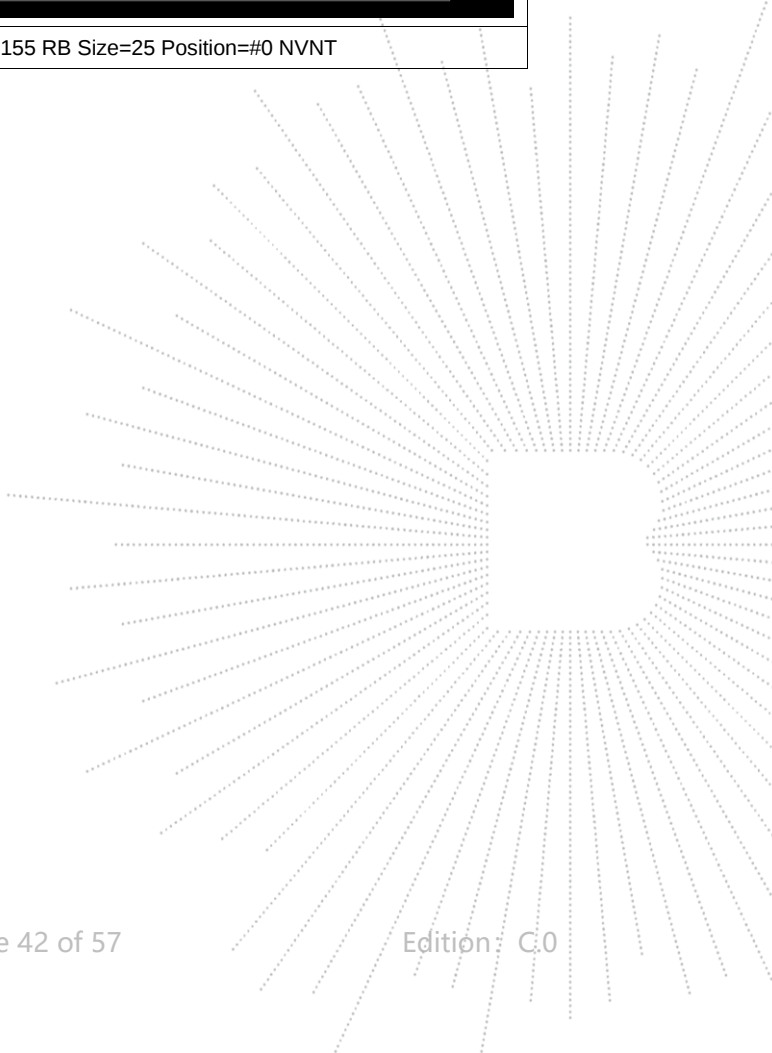
Band12 16QAM BW=5MHz Channel=23035 RB Size=25 Position=#0 NVNT

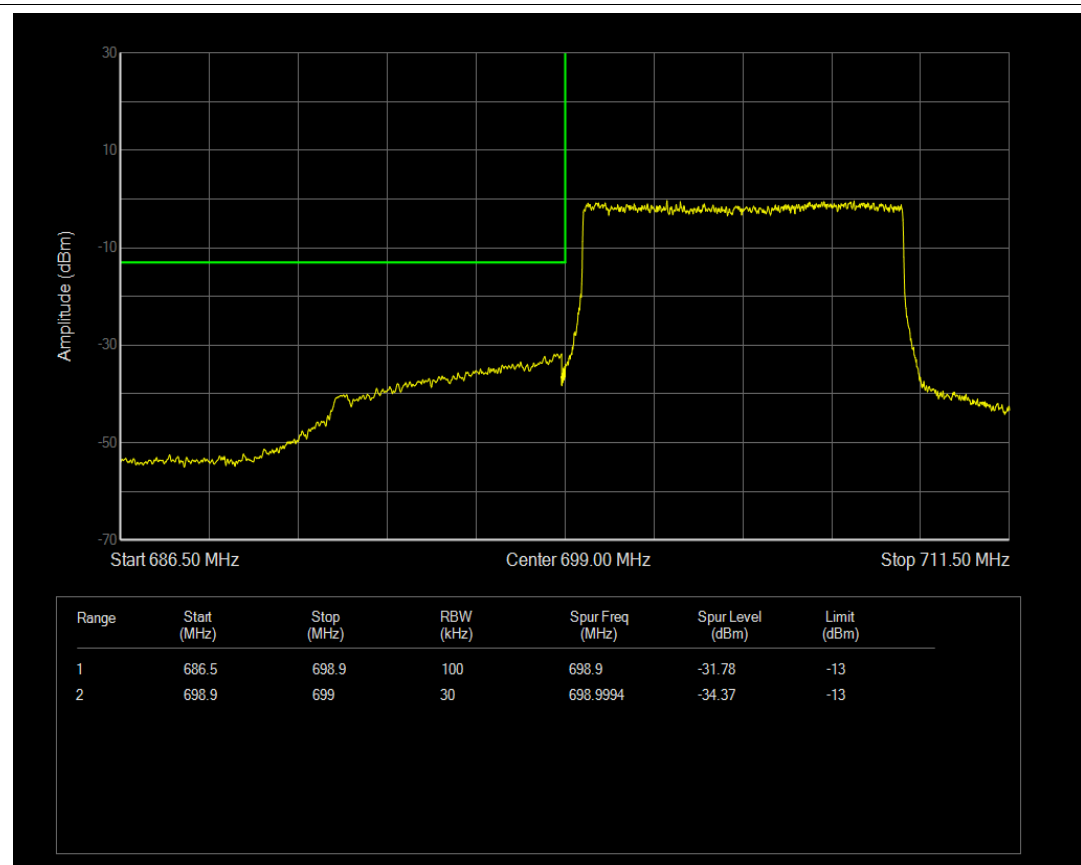


Band12 QPSK BW=5MHz Channel=23155 RB Size=25 Position=#0 NVNT

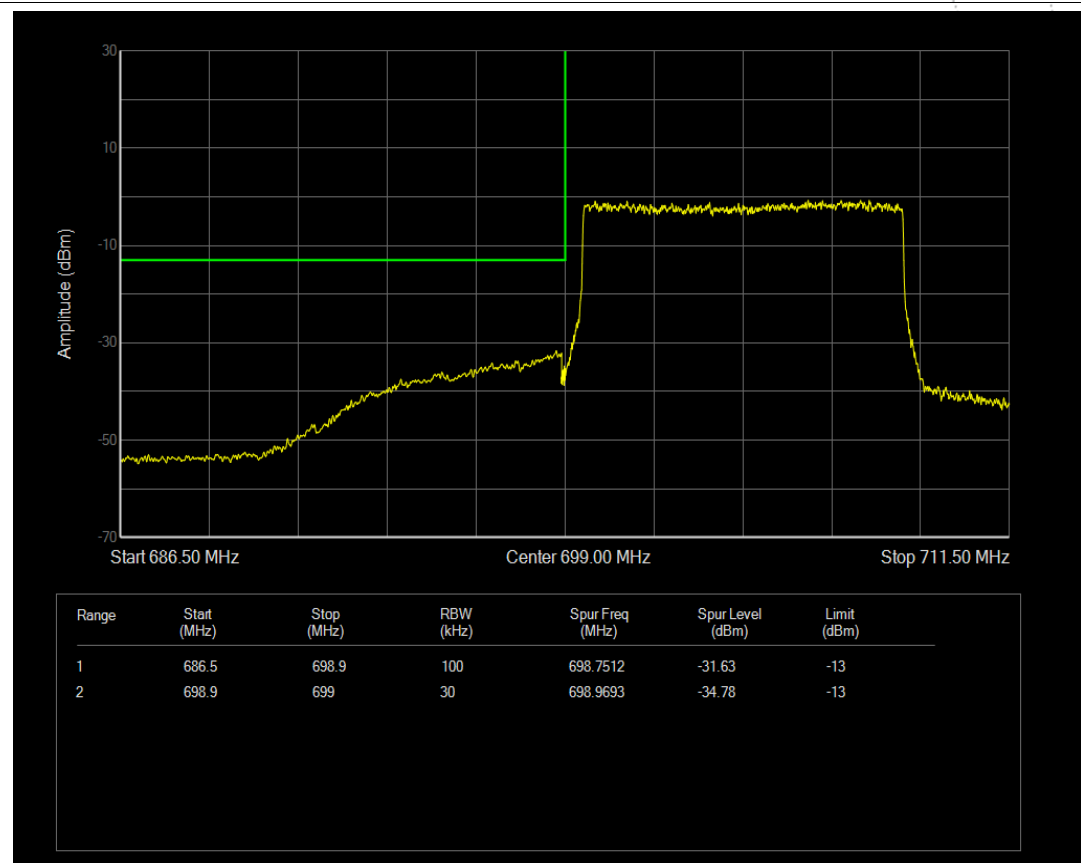


Band12 16QAM BW=5MHz Channel=23155 RB Size=25 Position=#0 NVNT

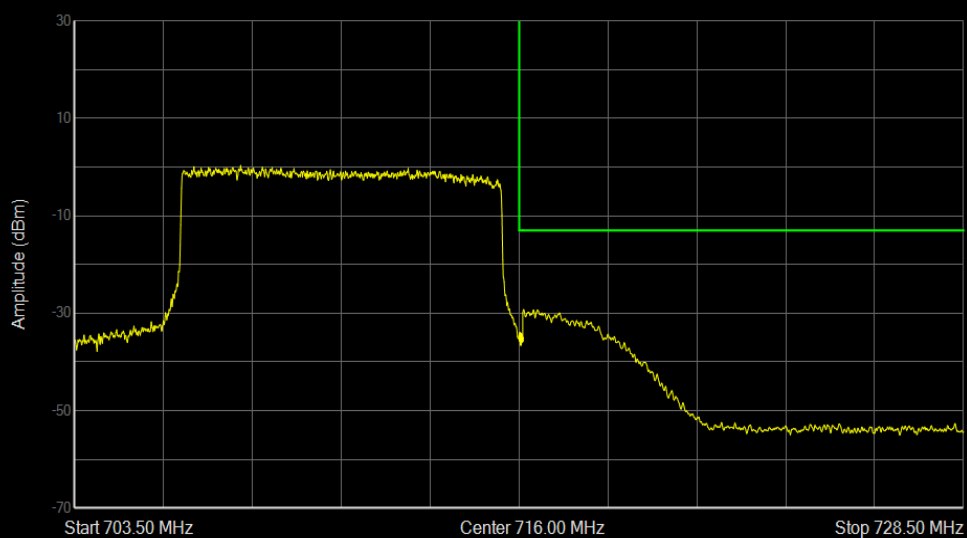




Band12 QPSK BW=10MHz Channel=23060 RB Size=50 Position=#0 NVNT

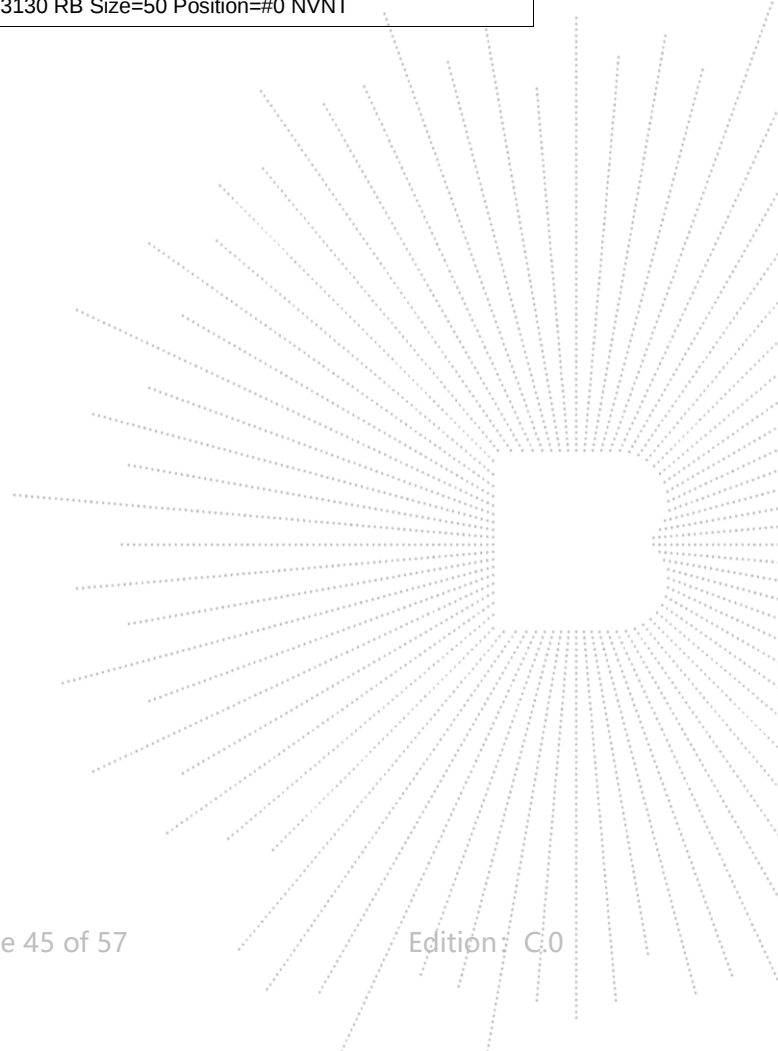
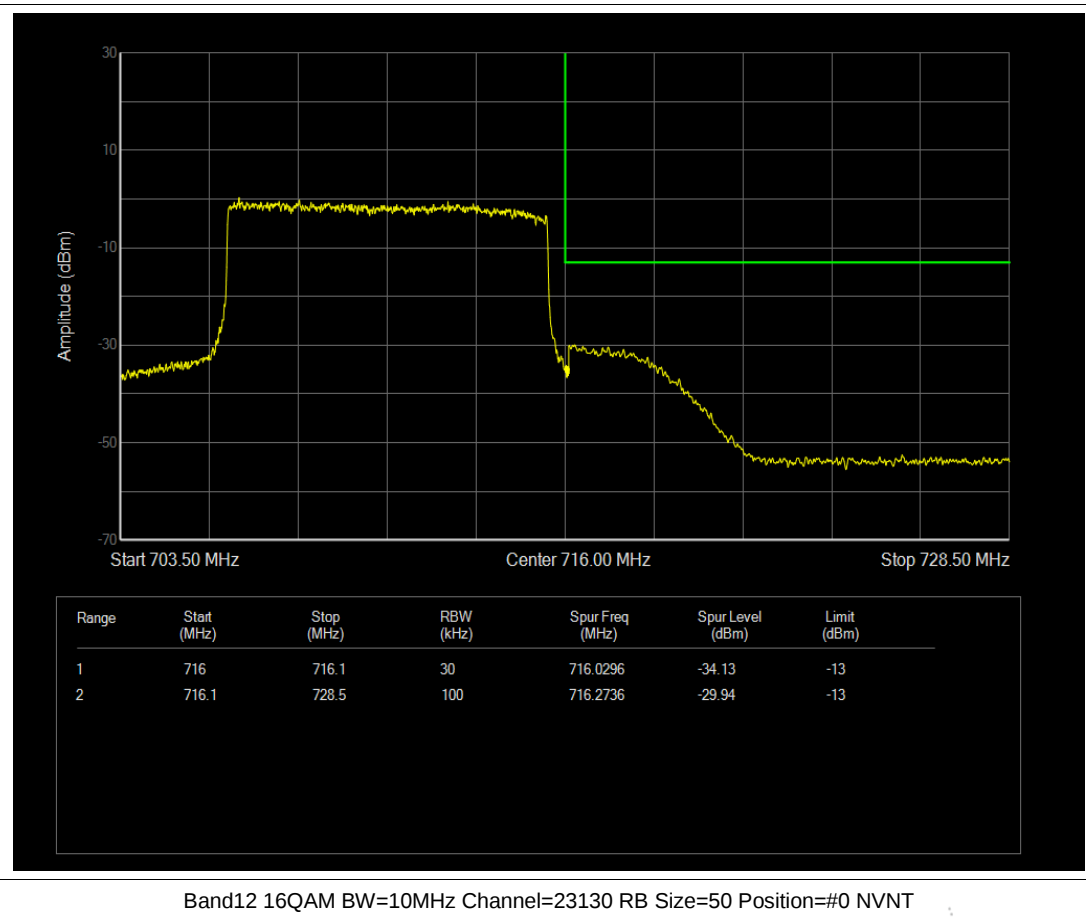


Band12 16QAM BW=10MHz Channel=23060 RB Size=50 Position=#0 NVNT



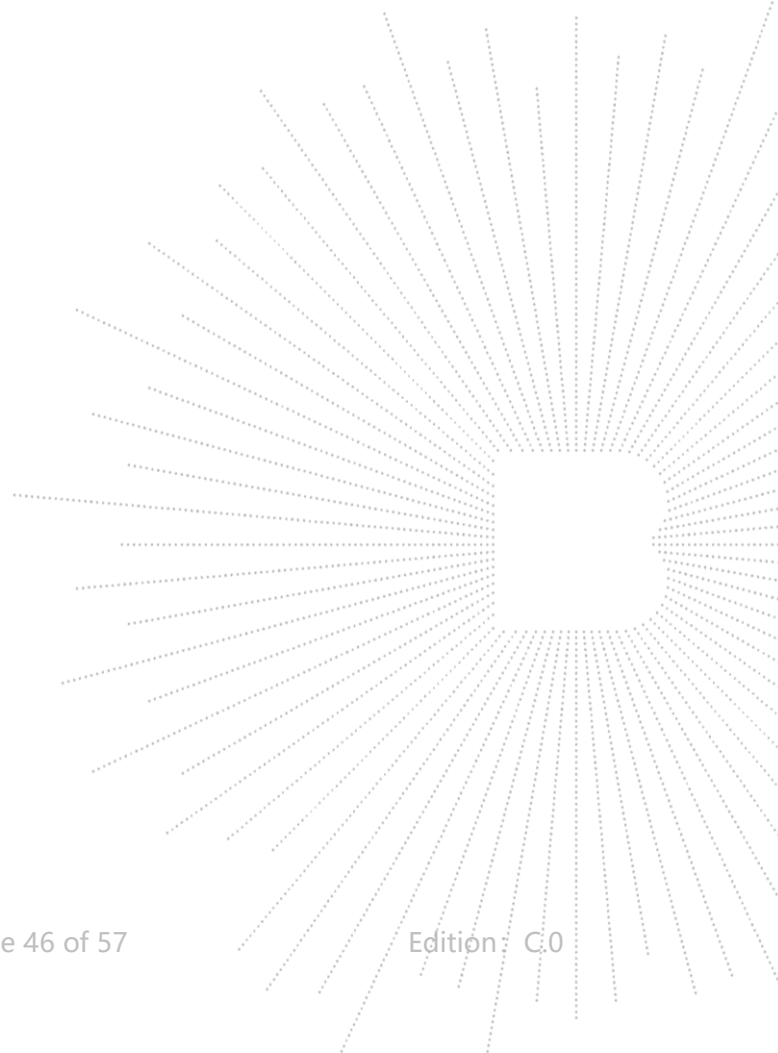
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	716	716.1	30	716.0149	-34.04	-13
2	716.1	728.5	100	716.1248	-29.24	-13

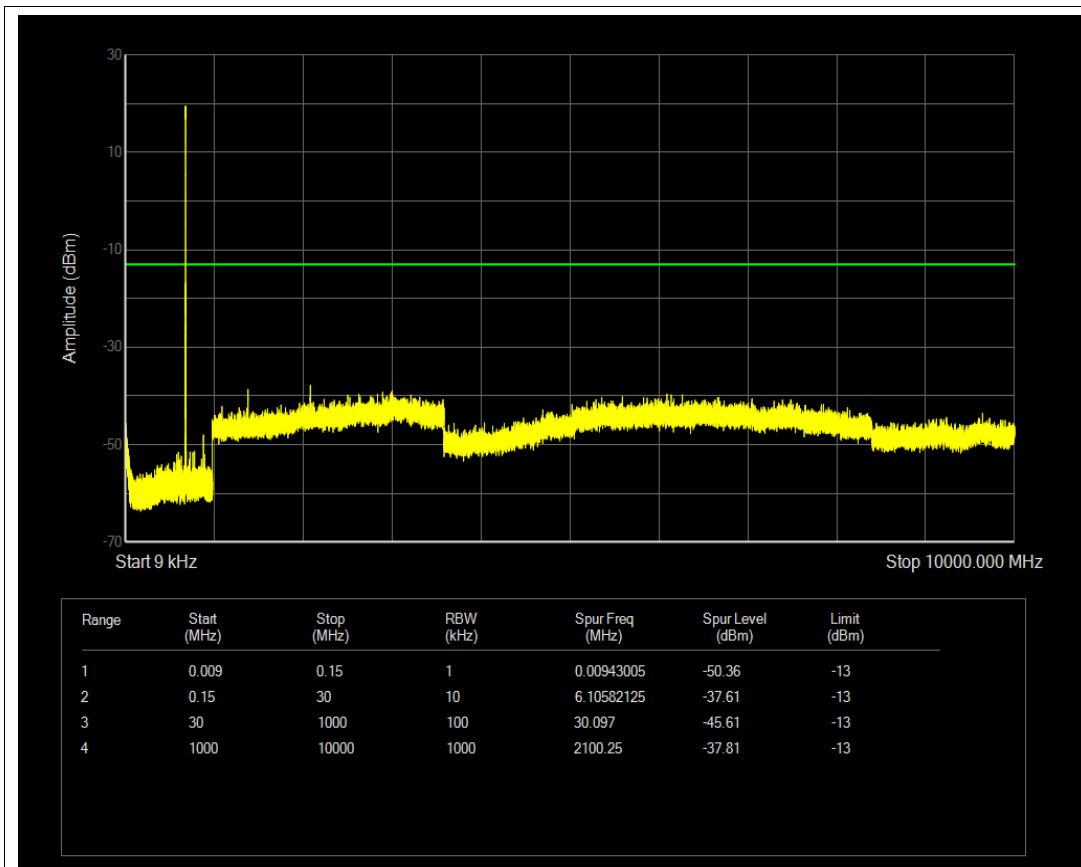
Band12 QPSK BW=10MHz Channel=23130 RB Size=50 Position=#0 NVNT



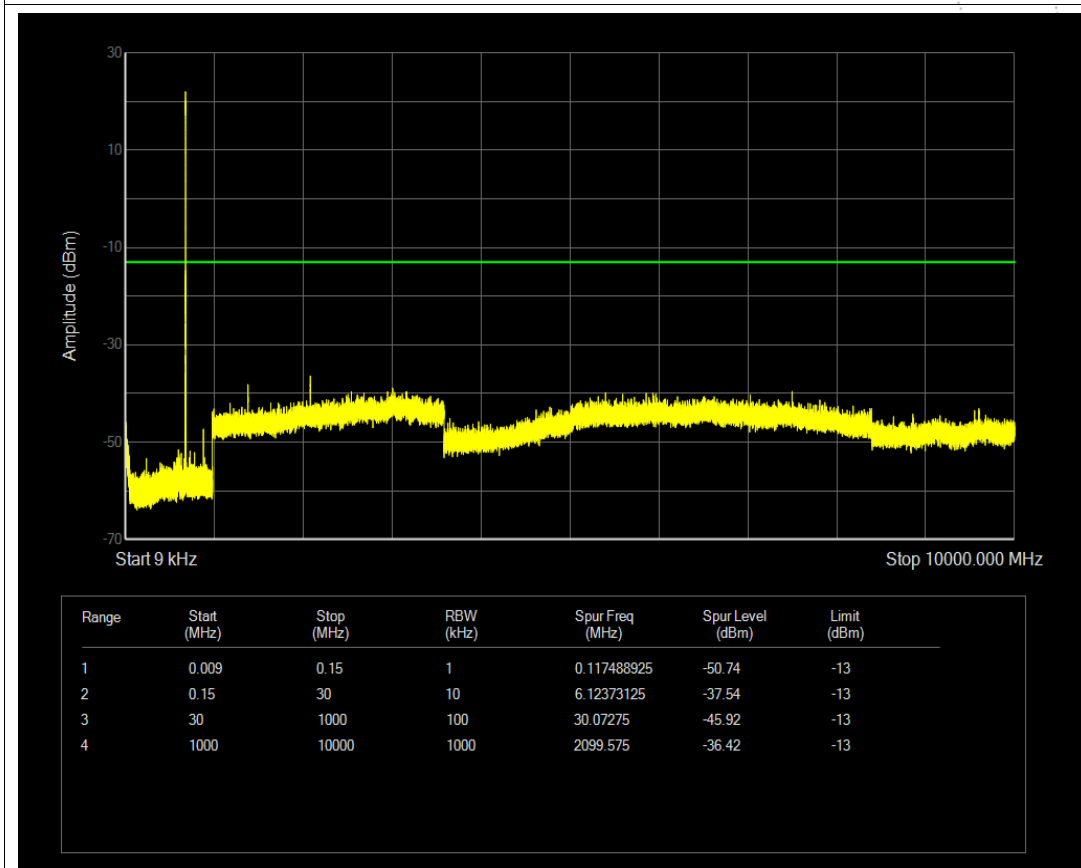
Appendix 6.Out-of-band emissions

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	6.11	-37.61	-13	PASS
NVNT	Band12	1.4	23017	6	#0	16QAM	2099.58	-36.42	-13	PASS
NVNT	Band12	1.4	23173	6	#0	QPSK	6.43	-37.75	-13	PASS
NVNT	Band12	1.4	23173	6	#0	16QAM	2145.70	-38.40	-13	PASS
NVNT	Band12	3	23025	15	#0	QPSK	6.40	-38.98	-13	PASS
NVNT	Band12	3	23025	15	#0	16QAM	6.40	-38.98	-13	PASS
NVNT	Band12	3	23165	15	#0	QPSK	6.52	-38.96	-13	PASS
NVNT	Band12	3	23165	15	#0	16QAM	5276.35	-37.74	-13	PASS
NVNT	Band12	5	23035	25	#0	QPSK	3033.10	-39.43	-13	PASS
NVNT	Band12	5	23035	25	#0	16QAM	2102.28	-38.82	-13	PASS
NVNT	Band12	5	23155	25	#0	QPSK	6475.83	-38.73	-13	PASS
NVNT	Band12	5	23155	25	#0	16QAM	2138.05	-37.84	-13	PASS
NVNT	Band12	10	23060	50	#0	QPSK	3028.83	-38.75	-13	PASS
NVNT	Band12	10	23060	50	#0	16QAM	2117.58	-38.65	-13	PASS
NVNT	Band12	10	23130	50	#0	QPSK	2241.10	-39.25	-13	PASS
NVNT	Band12	10	23130	50	#0	16QAM	3177.78	-39.28	-13	PASS

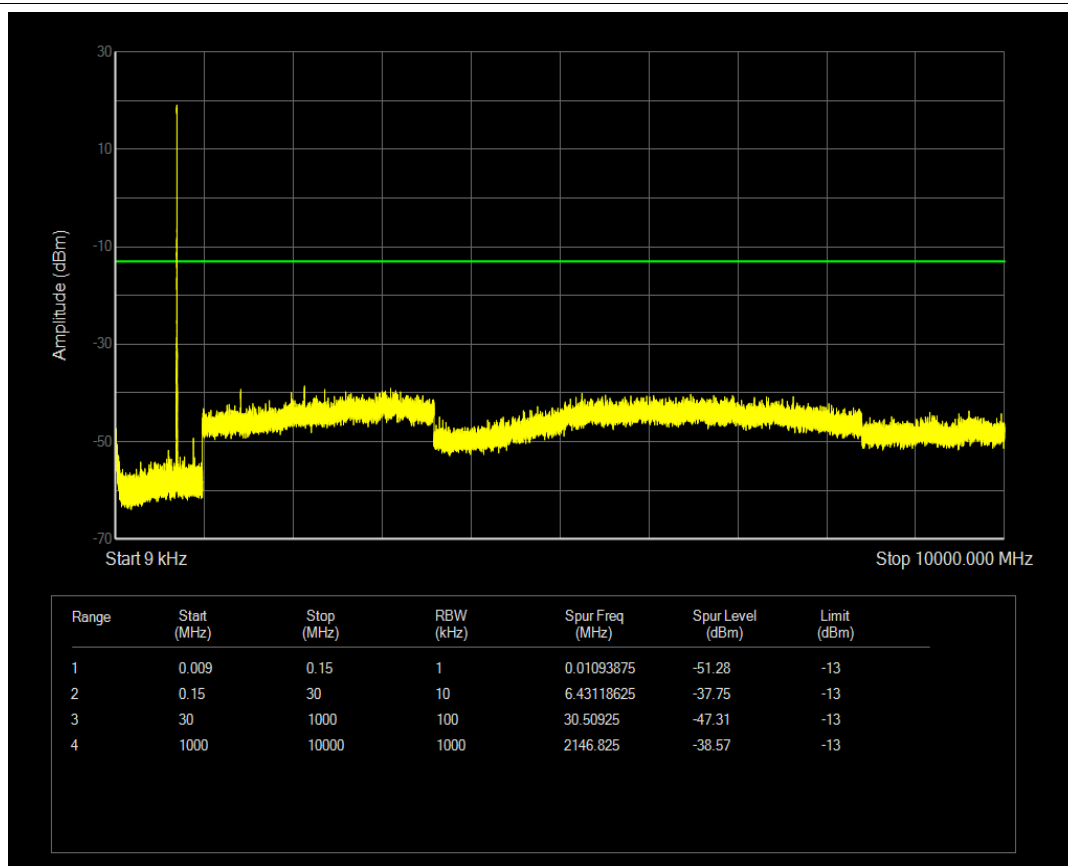




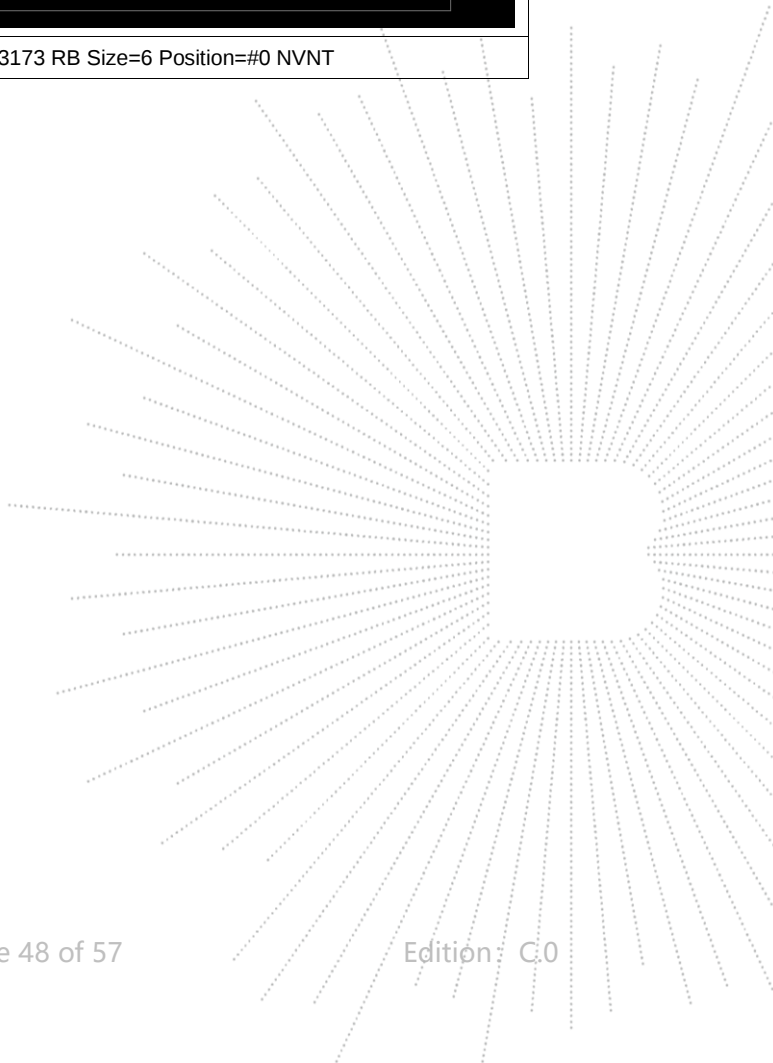
Band12 QPSK BW=1.4MHz Channel=23017 RB Size=6 Position=#0 NVNT

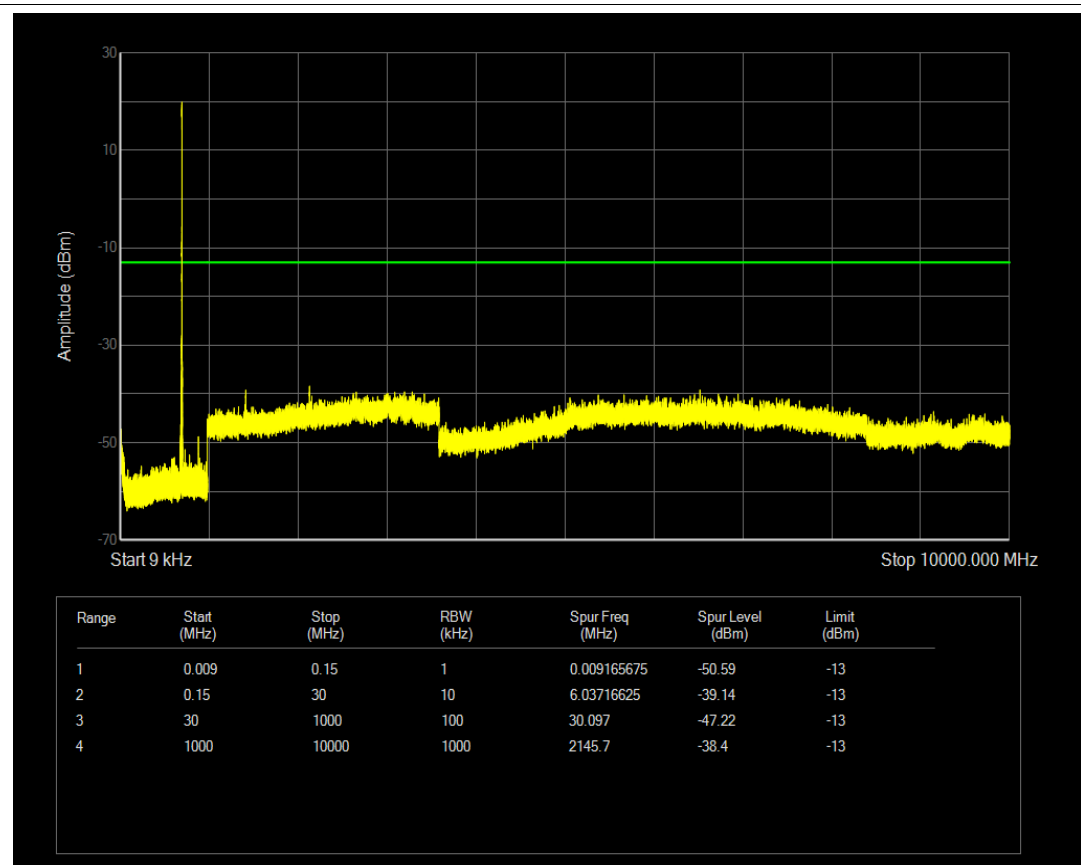


Band12 16QAM BW=1.4MHz Channel=23017 RB Size=6 Position=#0 NVNT

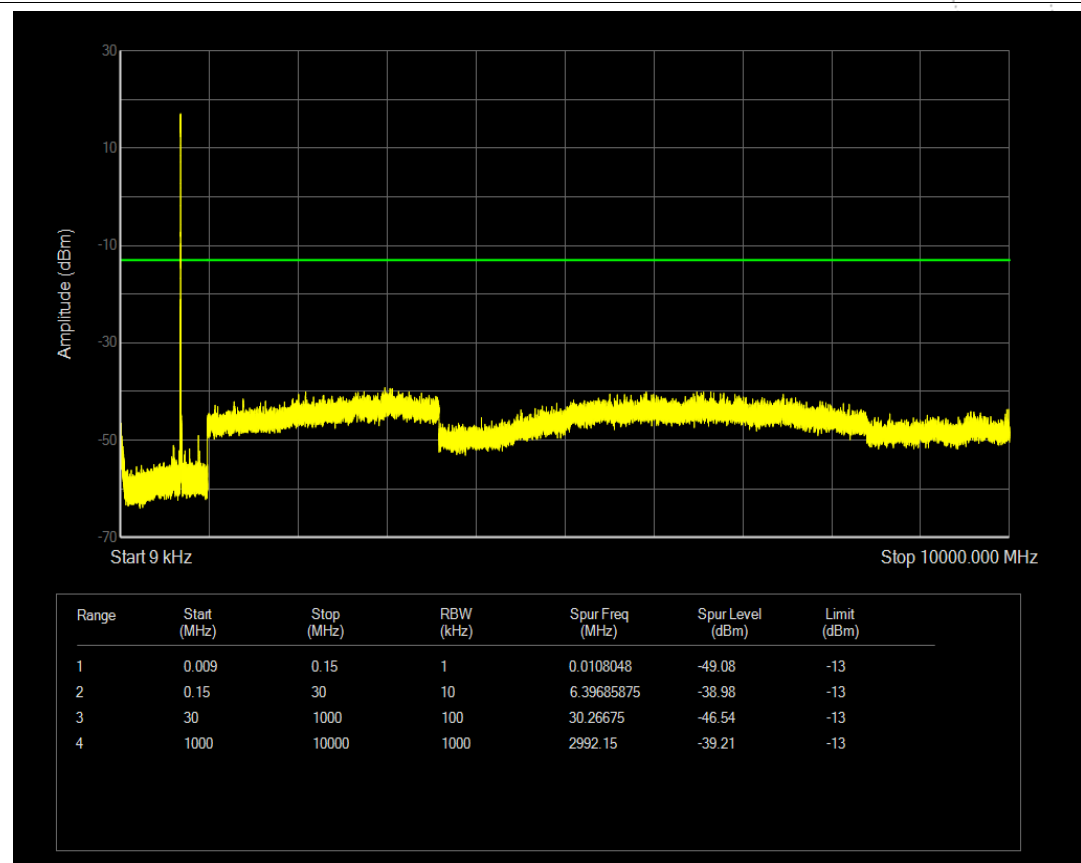


Band12 QPSK BW=1.4MHz Channel=23173 RB Size=6 Position=#0 NVNT

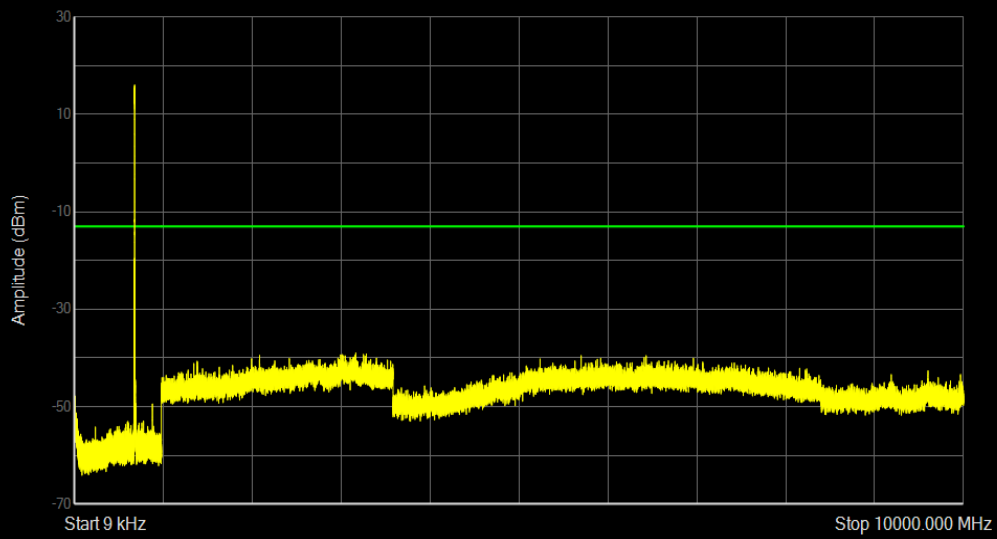




Band12 16QAM BW=1.4MHz Channel=23173 RB Size=6 Position=#0 NVNT

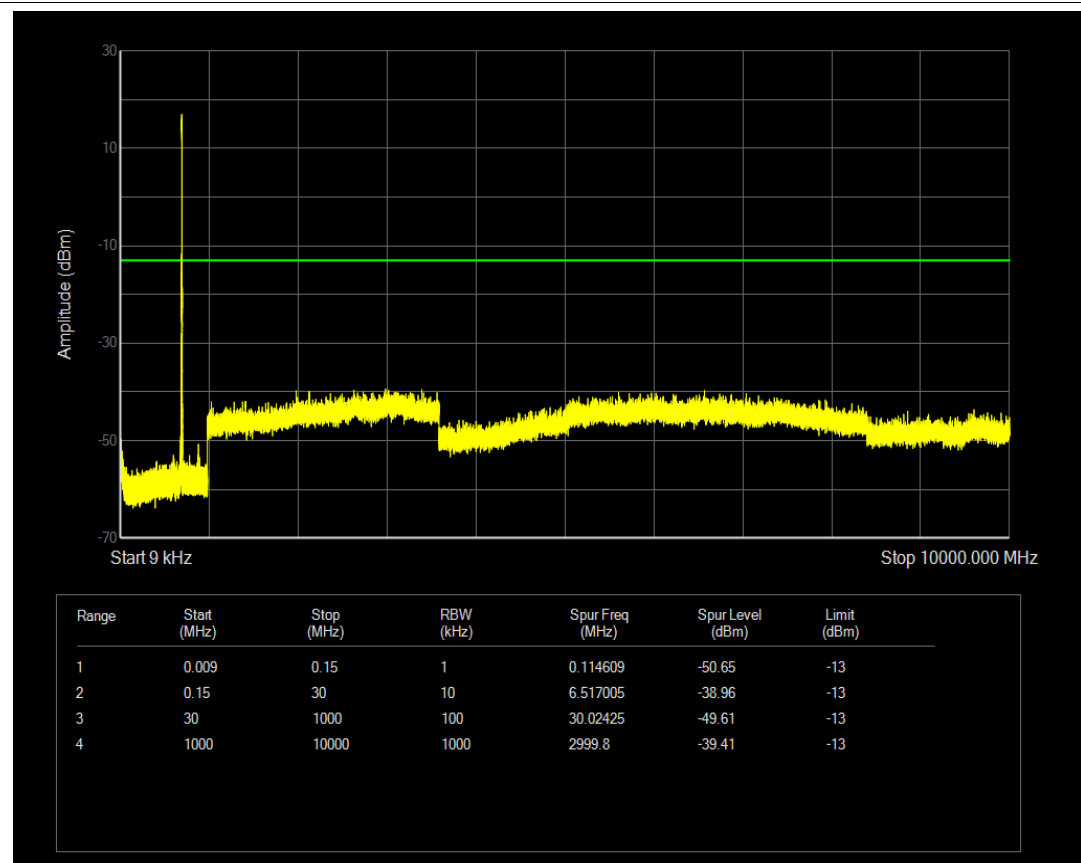


Band12 QPSK BW=3MHz Channel=23025 RB Size=15 Position=#0 NVNT

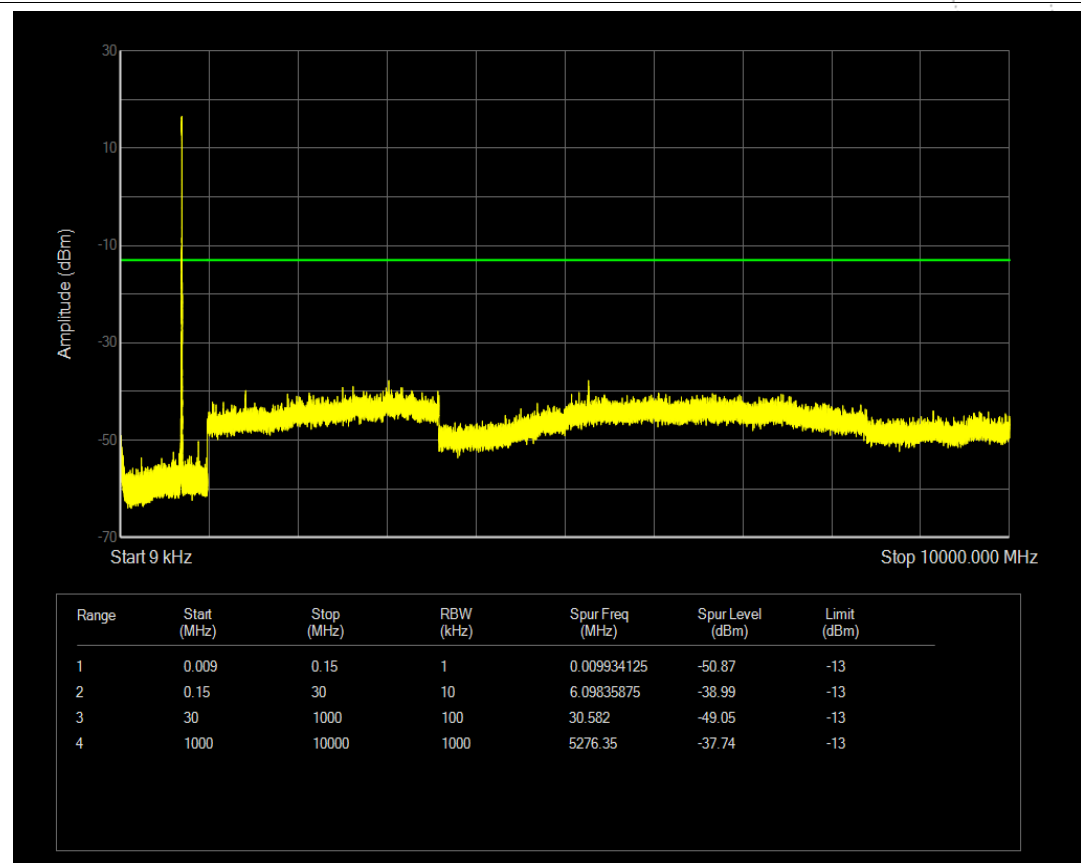


Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009518175	-51.04	-13
2	0.15	30	10	6.40432125	-38.98	-13
3	30	1000	100	30	-47.81	-13
4	1000	10000	1000	3181.6	-39	-13

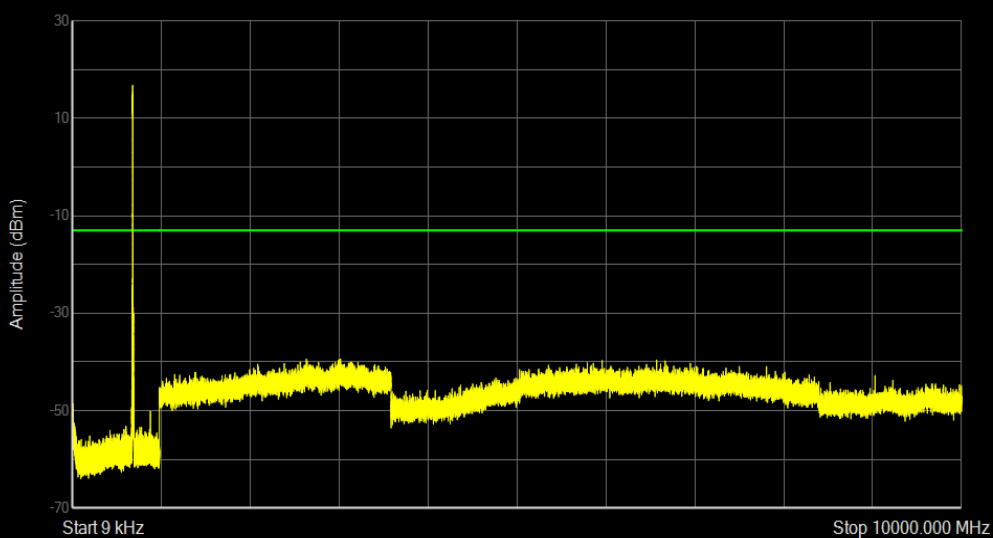
Band12 16QAM BW=3MHz Channel=23025 RB Size=15 Position=#0 NVNT



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

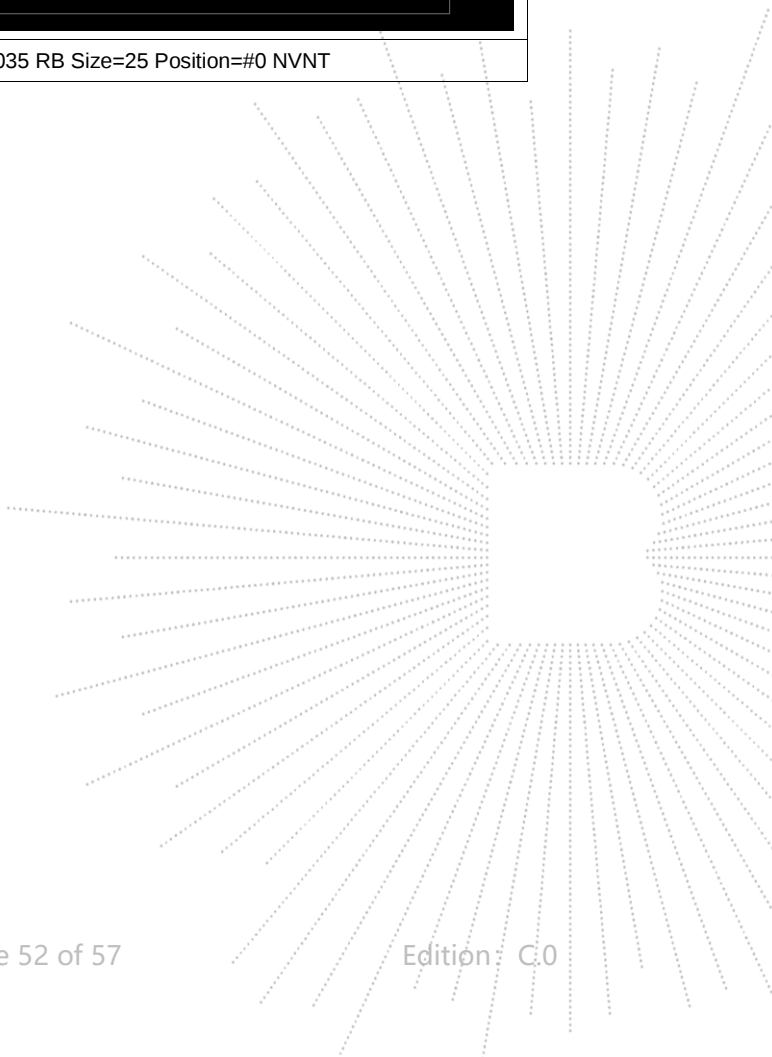


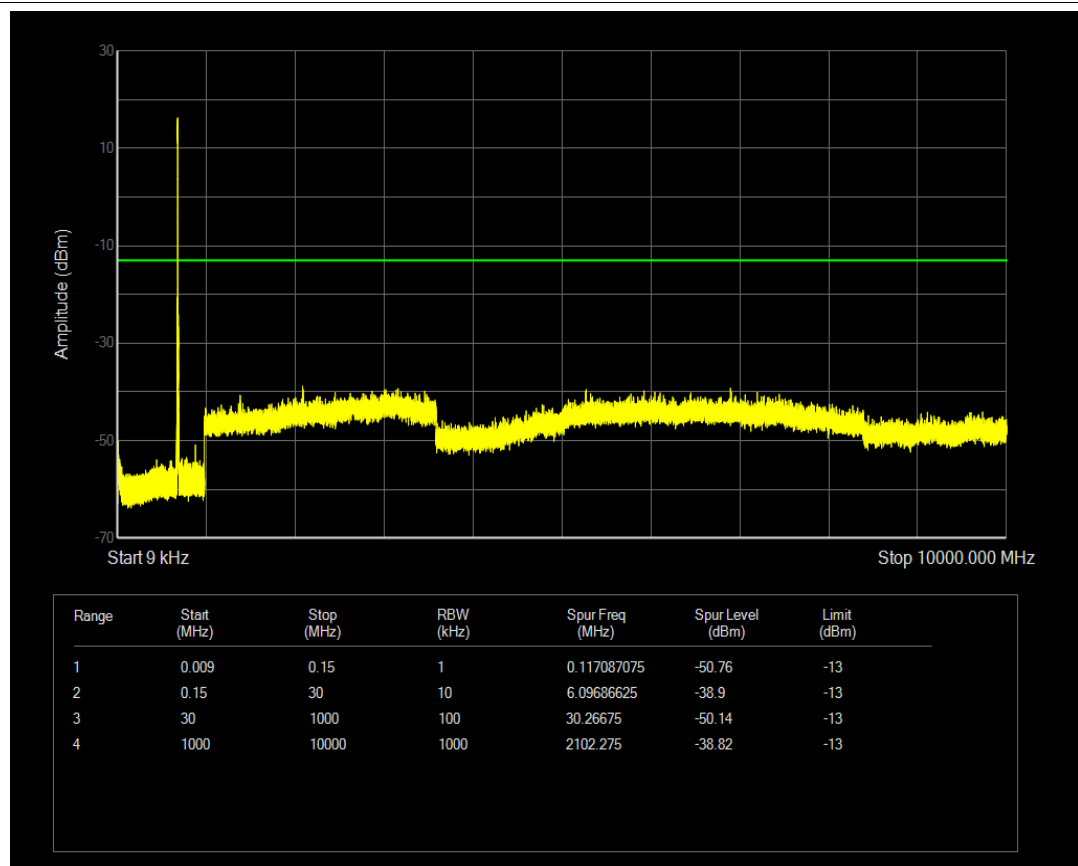
Band12 16QAM BW=3MHz Channel=23165 RB Size=15 Position=#0 NVNT



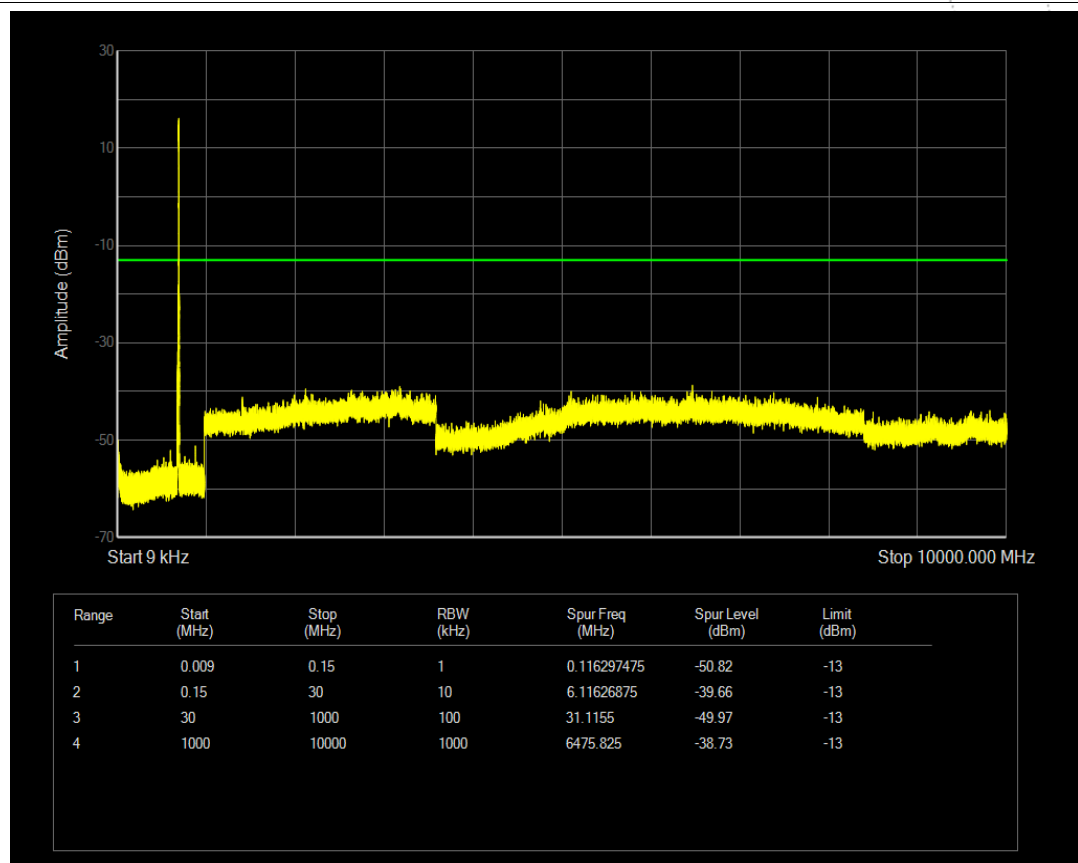
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0093243	-49.35	-13
2	0.15	30	10	6.50805	-39.59	-13
3	30	1000	100	30.582	-48.55	-13
4	1000	10000	1000	3033.1	-39.43	-13

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

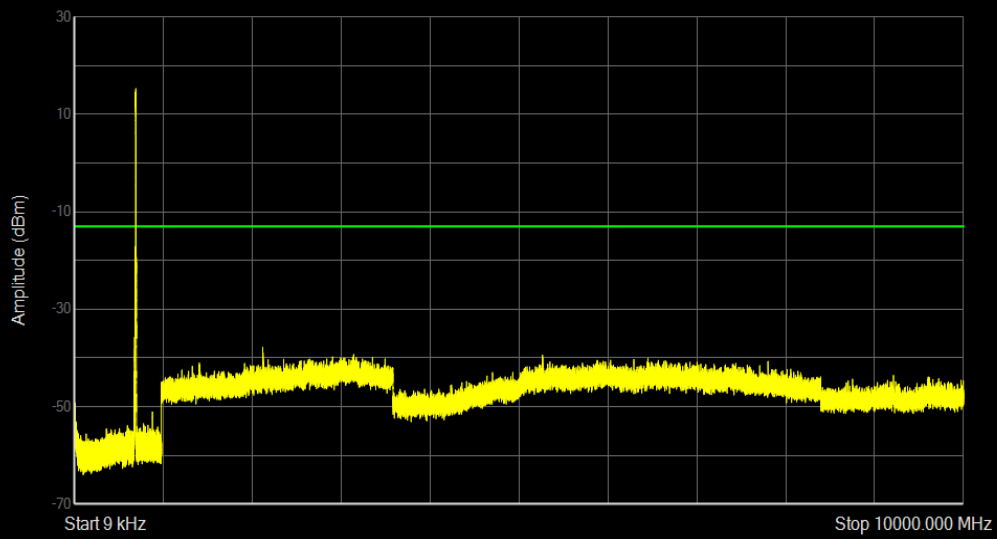




Band12 16QAM BW=5MHz Channel=23035 RB Size=25 Position=#0 NVNT

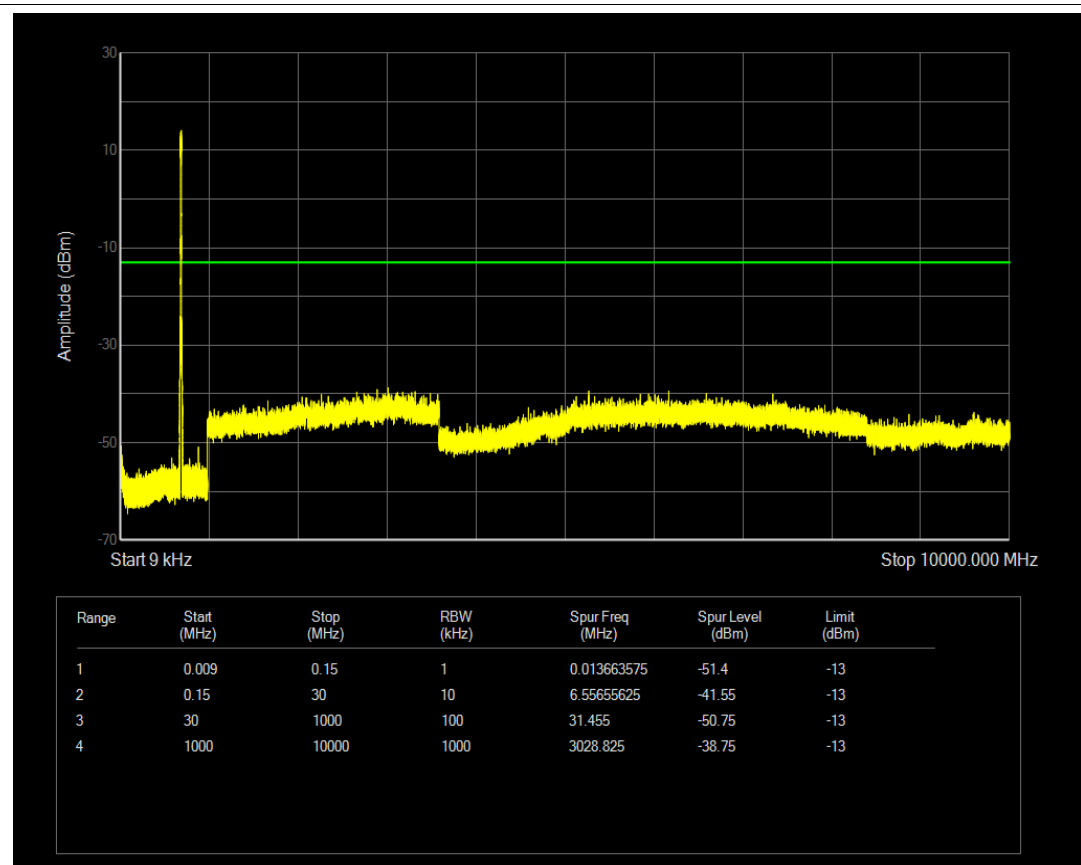


Band12 QPSK BW=5MHz Channel=23155 RB Size=25 Position=#0 NVNT

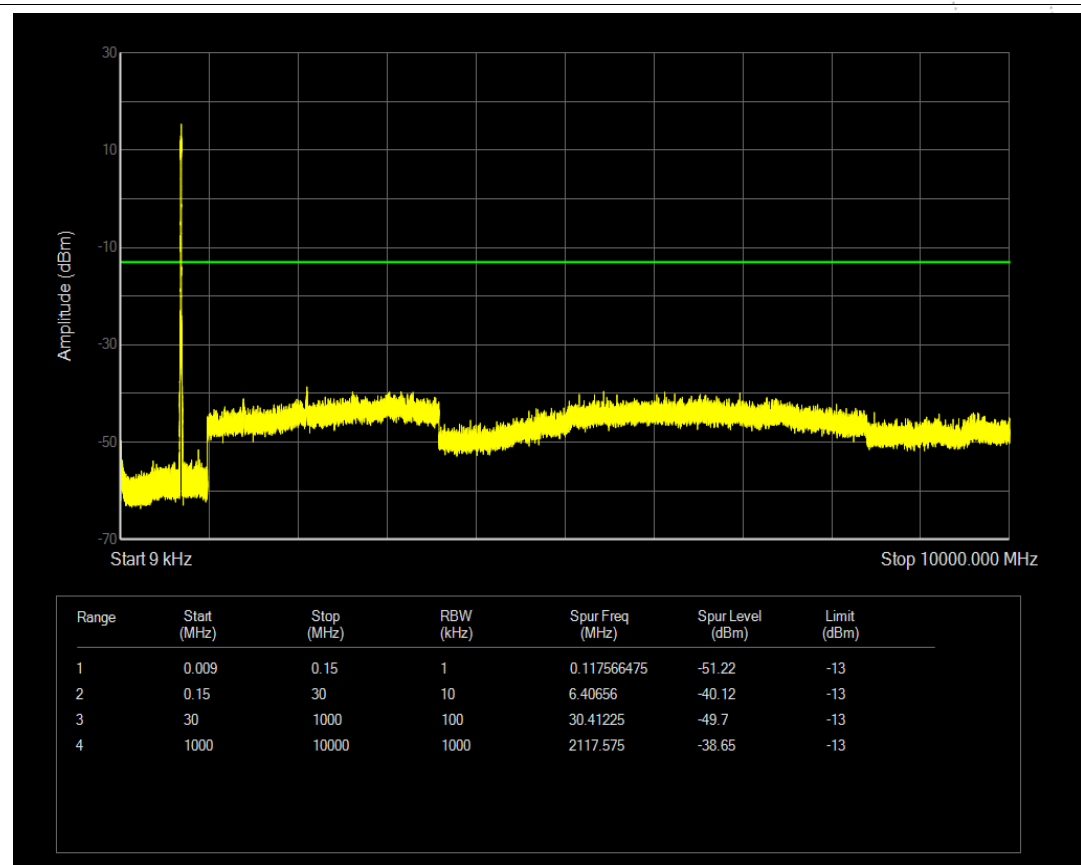


Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009800175	-50.4	-13
2	0.15	30	10	6.63342	-40.94	-13
3	30	1000	100	30.84875	-49.21	-13
4	1000	10000	1000	2138.05	-37.84	-13

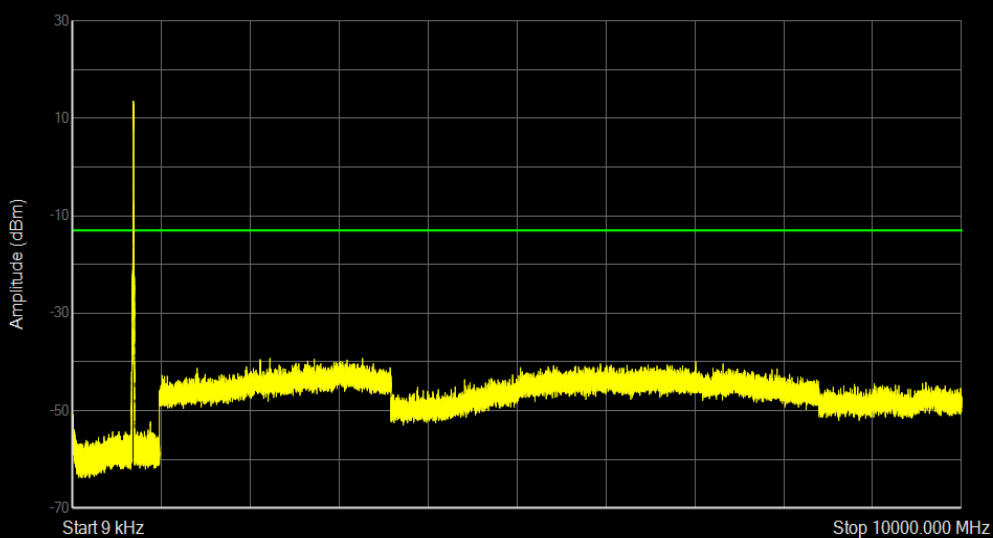
Band12 16QAM BW=5MHz Channel=23155 RB Size=25 Position=#0 NVNT



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	0.01002225	-50.47	-13
2	0.15	30	10	6.0856725	-40.51	-13
3	30	1000	100	30.50925	-50.85	-13
4	1000	10000	1000	2241.1	-39.25	-13

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

