

Appendix for Band 12

Report No.: BCTC2504497774-5E

Applicant: Shenzhen Baseus Technology Co., Ltd.

Product Name: Mifi Power bank

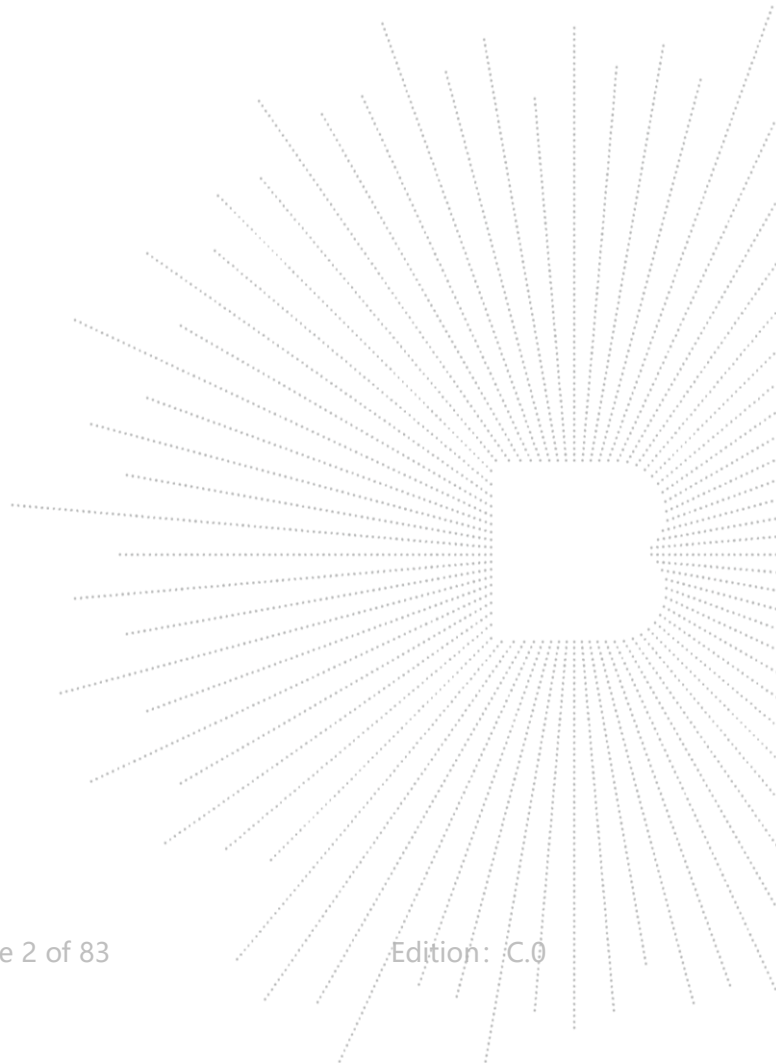
Test Model: PPMF-2067

Tested Date: 2025-04-27 to 2025-08-26

Shenzhen BCTC Testing Co., Ltd.

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

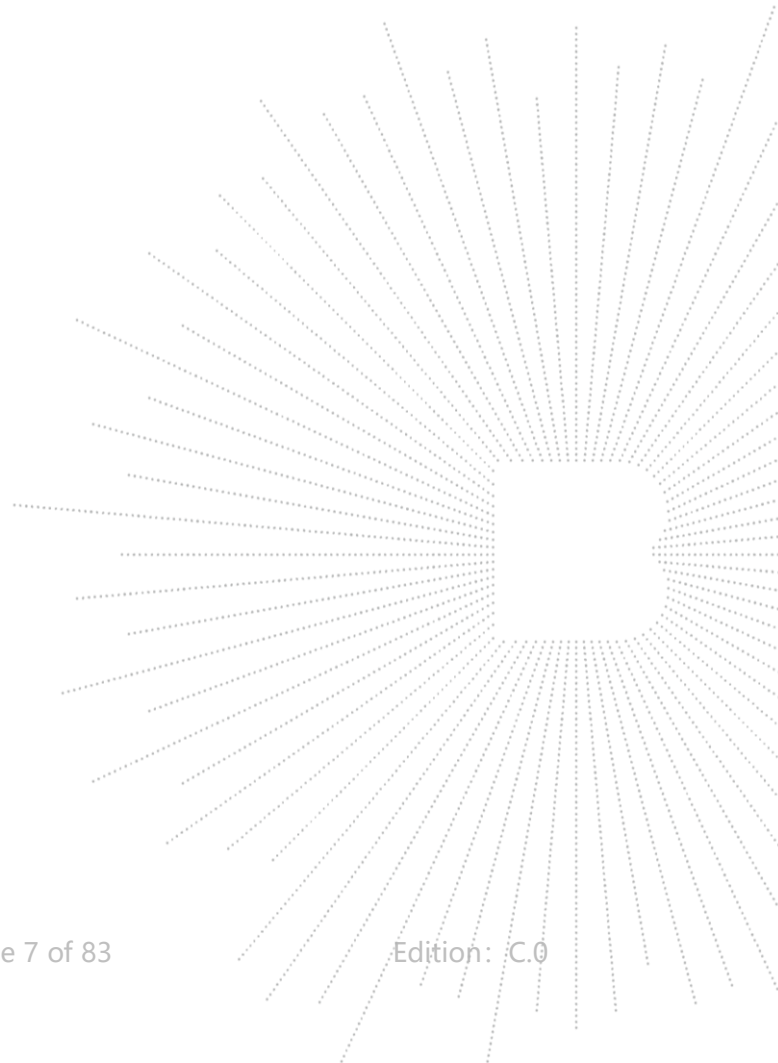
Condition	Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Gain (dBm)	ERP (dBm)	Verdict
NVNT	Band12	1.4	23017	1	#0	QPSK	24.82	-1.92	20.75	PASS
NVNT	Band12	1.4	23017	1	#Mid	QPSK	24.84	-1.92	20.77	PASS
NVNT	Band12	1.4	23017	1	#Max	QPSK	24.84	-1.92	20.77	PASS
NVNT	Band12	1.4	23017	3	#0	QPSK	24.61	-1.92	20.54	PASS
NVNT	Band12	1.4	23017	3	#Mid	QPSK	24.67	-1.92	20.60	PASS
NVNT	Band12	1.4	23017	3	#Max	QPSK	24.66	-1.92	20.59	PASS
NVNT	Band12	1.4	23017	6	#0	QPSK	23.74	-1.92	19.67	PASS
NVNT	Band12	1.4	23017	1	#0	16QAM	24.87	-1.92	20.80	PASS
NVNT	Band12	1.4	23017	1	#Mid	16QAM	24.85	-1.92	20.78	PASS
NVNT	Band12	1.4	23017	1	#Max	16QAM	24.82	-1.92	20.75	PASS
NVNT	Band12	1.4	23017	3	#0	16QAM	24.02	-1.92	19.95	PASS
NVNT	Band12	1.4	23017	3	#Mid	16QAM	24.04	-1.92	19.97	PASS
NVNT	Band12	1.4	23017	3	#Max	16QAM	24.03	-1.92	19.96	PASS
NVNT	Band12	1.4	23017	6	#0	16QAM	22.95	-1.92	18.88	PASS
NVNT	Band12	1.4	23095	1	#0	QPSK	24.60	-1.92	20.53	PASS
NVNT	Band12	1.4	23095	1	#Mid	QPSK	24.54	-1.92	20.47	PASS
NVNT	Band12	1.4	23095	1	#Max	QPSK	24.55	-1.92	20.48	PASS
NVNT	Band12	1.4	23095	3	#0	QPSK	24.70	-1.92	20.63	PASS
NVNT	Band12	1.4	23095	3	#Mid	QPSK	24.72	-1.92	20.65	PASS
NVNT	Band12	1.4	23095	3	#Max	QPSK	24.64	-1.92	20.57	PASS
NVNT	Band12	1.4	23095	6	#0	QPSK	23.72	-1.92	19.65	PASS
NVNT	Band12	1.4	23095	1	#0	16QAM	23.70	-1.92	19.63	PASS
NVNT	Band12	1.4	23095	1	#Mid	16QAM	23.73	-1.92	19.66	PASS
NVNT	Band12	1.4	23095	1	#Max	16QAM	23.75	-1.92	19.68	PASS
NVNT	Band12	1.4	23095	3	#0	16QAM	23.59	-1.92	19.52	PASS
NVNT	Band12	1.4	23095	3	#Mid	16QAM	23.55	-1.92	19.48	PASS
NVNT	Band12	1.4	23095	3	#Max	16QAM	23.61	-1.92	19.54	PASS
NVNT	Band12	1.4	23095	6	#0	16QAM	22.80	-1.92	18.73	PASS
NVNT	Band12	1.4	23173	1	#0	QPSK	24.89	-1.92	20.82	PASS
NVNT	Band12	1.4	23173	1	#Mid	QPSK	24.91	-1.92	20.84	PASS
NVNT	Band12	1.4	23173	1	#Max	QPSK	24.91	-1.92	20.84	PASS
NVNT	Band12	1.4	23173	3	#0	QPSK	24.74	-1.92	20.67	PASS
NVNT	Band12	1.4	23173	3	#Mid	QPSK	24.75	-1.92	20.68	PASS
NVNT	Band12	1.4	23173	3	#Max	QPSK	24.71	-1.92	20.64	PASS
NVNT	Band12	1.4	23173	6	#0	QPSK	23.76	-1.92	19.69	PASS

NVNT	Band12	1.4	23173	1	#0	16QAM	23.83	-1.92	19.76	PASS
NVNT	Band12	1.4	23173	1	#Mid	16QAM	23.86	-1.92	19.79	PASS
NVNT	Band12	1.4	23173	1	#Max	16QAM	23.87	-1.92	19.80	PASS
NVNT	Band12	1.4	23173	3	#0	16QAM	23.72	-1.92	19.65	PASS
NVNT	Band12	1.4	23173	3	#Mid	16QAM	23.73	-1.92	19.66	PASS
NVNT	Band12	1.4	23173	3	#Max	16QAM	23.78	-1.92	19.71	PASS
NVNT	Band12	1.4	23173	6	#0	16QAM	22.70	-1.92	18.63	PASS
NVNT	Band12	3	23025	1	#0	QPSK	24.69	-1.92	20.62	PASS
NVNT	Band12	3	23025	1	#Mid	QPSK	24.68	-1.92	20.61	PASS
NVNT	Band12	3	23025	1	#Max	QPSK	24.69	-1.92	20.62	PASS
NVNT	Band12	3	23025	8	#0	QPSK	23.65	-1.92	19.58	PASS
NVNT	Band12	3	23025	8	#Mid	QPSK	23.71	-1.92	19.64	PASS
NVNT	Band12	3	23025	8	#Max	QPSK	23.69	-1.92	19.62	PASS
NVNT	Band12	3	23025	15	#0	QPSK	23.64	-1.92	19.57	PASS
NVNT	Band12	3	23025	1	#0	16QAM	24.79	-1.92	20.72	PASS
NVNT	Band12	3	23025	1	#Mid	16QAM	24.80	-1.92	20.73	PASS
NVNT	Band12	3	23025	1	#Max	16QAM	24.84	-1.92	20.77	PASS
NVNT	Band12	3	23025	8	#0	16QAM	22.60	-1.92	18.53	PASS
NVNT	Band12	3	23025	8	#Mid	16QAM	22.65	-1.92	18.58	PASS
NVNT	Band12	3	23025	8	#Max	16QAM	22.63	-1.92	18.56	PASS
NVNT	Band12	3	23025	15	#0	16QAM	22.76	-1.92	18.69	PASS
NVNT	Band12	3	23095	1	#0	QPSK	24.58	-1.92	20.51	PASS
NVNT	Band12	3	23095	1	#Mid	QPSK	24.61	-1.92	20.54	PASS
NVNT	Band12	3	23095	1	#Max	QPSK	24.55	-1.92	20.48	PASS
NVNT	Band12	3	23095	8	#0	QPSK	23.62	-1.92	19.55	PASS
NVNT	Band12	3	23095	8	#Mid	QPSK	23.60	-1.92	19.53	PASS
NVNT	Band12	3	23095	8	#Max	QPSK	23.56	-1.92	19.49	PASS
NVNT	Band12	3	23095	15	#0	QPSK	23.63	-1.92	19.56	PASS
NVNT	Band12	3	23095	1	#0	16QAM	23.80	-1.92	19.73	PASS
NVNT	Band12	3	23095	1	#Mid	16QAM	23.73	-1.92	19.66	PASS
NVNT	Band12	3	23095	1	#Max	16QAM	23.70	-1.92	19.63	PASS
NVNT	Band12	3	23095	8	#0	16QAM	22.73	-1.92	18.66	PASS
NVNT	Band12	3	23095	8	#Mid	16QAM	22.62	-1.92	18.55	PASS
NVNT	Band12	3	23095	8	#Max	16QAM	22.69	-1.92	18.62	PASS
NVNT	Band12	3	23095	15	#0	16QAM	22.68	-1.92	18.61	PASS
NVNT	Band12	3	23165	1	#0	QPSK	24.88	-1.92	20.81	PASS
NVNT	Band12	3	23165	1	#Mid	QPSK	24.89	-1.92	20.82	PASS
NVNT	Band12	3	23165	1	#Max	QPSK	24.92	-1.92	20.85	PASS
NVNT	Band12	3	23165	8	#0	QPSK	23.70	-1.92	19.63	PASS
NVNT	Band12	3	23165	8	#Mid	QPSK	23.72	-1.92	19.65	PASS
NVNT	Band12	3	23165	8	#Max	QPSK	23.78	-1.92	19.71	PASS
NVNT	Band12	3	23165	15	#0	QPSK	23.72	-1.92	19.65	PASS

NVNT	Band12	3	23165	1	#0	16QAM	23.75	-1.92	19.68	PASS
NVNT	Band12	3	23165	1	#Mid	16QAM	23.84	-1.92	19.77	PASS
NVNT	Band12	3	23165	1	#Max	16QAM	23.86	-1.92	19.79	PASS
NVNT	Band12	3	23165	8	#0	16QAM	22.85	-1.92	18.78	PASS
NVNT	Band12	3	23165	8	#Mid	16QAM	22.74	-1.92	18.67	PASS
NVNT	Band12	3	23165	8	#Max	16QAM	22.71	-1.92	18.64	PASS
NVNT	Band12	3	23165	15	#0	16QAM	22.77	-1.92	18.70	PASS
NVNT	Band12	5	23035	1	#0	QPSK	24.71	-1.92	20.64	PASS
NVNT	Band12	5	23035	1	#Mid	QPSK	24.70	-1.92	20.63	PASS
NVNT	Band12	5	23035	1	#Max	QPSK	24.75	-1.92	20.68	PASS
NVNT	Band12	5	23035	12	#0	QPSK	23.66	-1.92	19.59	PASS
NVNT	Band12	5	23035	12	#Mid	QPSK	23.69	-1.92	19.62	PASS
NVNT	Band12	5	23035	12	#Max	QPSK	23.84	-1.92	19.77	PASS
NVNT	Band12	5	23035	25	#0	QPSK	23.83	-1.92	19.76	PASS
NVNT	Band12	5	23035	1	#0	16QAM	23.74	-1.92	19.67	PASS
NVNT	Band12	5	23035	1	#Mid	16QAM	23.78	-1.92	19.71	PASS
NVNT	Band12	5	23035	1	#Max	16QAM	23.83	-1.92	19.76	PASS
NVNT	Band12	5	23035	12	#0	16QAM	22.74	-1.92	18.67	PASS
NVNT	Band12	5	23035	12	#Mid	16QAM	22.63	-1.92	18.56	PASS
NVNT	Band12	5	23035	12	#Max	16QAM	22.69	-1.92	18.62	PASS
NVNT	Band12	5	23035	25	#0	16QAM	22.92	-1.92	18.85	PASS
NVNT	Band12	5	23095	1	#0	QPSK	24.78	-1.92	20.71	PASS
NVNT	Band12	5	23095	1	#Mid	QPSK	24.78	-1.92	20.71	PASS
NVNT	Band12	5	23095	1	#Max	QPSK	24.75	-1.92	20.68	PASS
NVNT	Band12	5	23095	12	#0	QPSK	23.65	-1.92	19.58	PASS
NVNT	Band12	5	23095	12	#Mid	QPSK	23.69	-1.92	19.62	PASS
NVNT	Band12	5	23095	12	#Max	QPSK	23.78	-1.92	19.71	PASS
NVNT	Band12	5	23095	25	#0	QPSK	23.77	-1.92	19.70	PASS
NVNT	Band12	5	23095	1	#0	16QAM	23.95	-1.92	19.88	PASS
NVNT	Band12	5	23095	1	#Mid	16QAM	23.85	-1.92	19.78	PASS
NVNT	Band12	5	23095	1	#Max	16QAM	23.98	-1.92	19.91	PASS
NVNT	Band12	5	23095	12	#0	16QAM	22.64	-1.92	18.57	PASS
NVNT	Band12	5	23095	12	#Mid	16QAM	22.53	-1.92	18.46	PASS
NVNT	Band12	5	23095	12	#Max	16QAM	22.44	-1.92	18.37	PASS
NVNT	Band12	5	23095	25	#0	16QAM	22.66	-1.92	18.59	PASS
NVNT	Band12	5	23155	1	#0	QPSK	24.51	-1.92	20.44	PASS
NVNT	Band12	5	23155	1	#Mid	QPSK	24.52	-1.92	20.45	PASS
NVNT	Band12	5	23155	1	#Max	QPSK	24.55	-1.92	20.48	PASS
NVNT	Band12	5	23155	12	#0	QPSK	23.69	-1.92	19.62	PASS
NVNT	Band12	5	23155	12	#Mid	QPSK	23.66	-1.92	19.59	PASS
NVNT	Band12	5	23155	12	#Max	QPSK	23.66	-1.92	19.59	PASS
NVNT	Band12	5	23155	25	#0	QPSK	23.72	-1.92	19.65	PASS

NVNT	Band12	5	23155	1	#0	16QAM	24.24	-1.92	20.17	PASS
NVNT	Band12	5	23155	1	#Mid	16QAM	24.22	-1.92	20.15	PASS
NVNT	Band12	5	23155	1	#Max	16QAM	24.21	-1.92	20.14	PASS
NVNT	Band12	5	23155	12	#0	16QAM	23.00	-1.92	18.93	PASS
NVNT	Band12	5	23155	12	#Mid	16QAM	22.65	-1.92	18.58	PASS
NVNT	Band12	5	23155	12	#Max	16QAM	22.73	-1.92	18.66	PASS
NVNT	Band12	5	23155	25	#0	16QAM	22.90	-1.92	18.83	PASS
NVNT	Band12	10	23060	1	#0	QPSK	24.64	-1.92	20.57	PASS
NVNT	Band12	10	23060	1	#Mid	QPSK	24.66	-1.92	20.59	PASS
NVNT	Band12	10	23060	1	#Max	QPSK	24.62	-1.92	20.55	PASS
NVNT	Band12	10	23060	25	#0	QPSK	23.68	-1.92	19.61	PASS
NVNT	Band12	10	23060	25	#Mid	QPSK	23.72	-1.92	19.65	PASS
NVNT	Band12	10	23060	25	#Max	QPSK	23.72	-1.92	19.65	PASS
NVNT	Band12	10	23060	50	#0	QPSK	23.68	-1.92	19.61	PASS
NVNT	Band12	10	23060	1	#0	16QAM	24.54	-1.92	20.47	PASS
NVNT	Band12	10	23060	1	#Mid	16QAM	24.62	-1.92	20.55	PASS
NVNT	Band12	10	23060	1	#Max	16QAM	24.49	-1.92	20.42	PASS
NVNT	Band12	10	23060	25	#0	16QAM	22.79	-1.92	18.72	PASS
NVNT	Band12	10	23060	25	#Mid	16QAM	22.64	-1.92	18.57	PASS
NVNT	Band12	10	23060	25	#Max	16QAM	22.78	-1.92	18.71	PASS
NVNT	Band12	10	23060	50	#0	16QAM	22.62	-1.92	18.55	PASS
NVNT	Band12	10	23095	1	#0	QPSK	24.55	-1.92	20.48	PASS
NVNT	Band12	10	23095	1	#Mid	QPSK	24.61	-1.92	20.54	PASS
NVNT	Band12	10	23095	1	#Max	QPSK	24.48	-1.92	20.41	PASS
NVNT	Band12	10	23095	25	#0	QPSK	23.65	-1.92	19.58	PASS
NVNT	Band12	10	23095	25	#Mid	QPSK	23.57	-1.92	19.50	PASS
NVNT	Band12	10	23095	25	#Max	QPSK	23.68	-1.92	19.61	PASS
NVNT	Band12	10	23095	50	#0	QPSK	23.68	-1.92	19.61	PASS
NVNT	Band12	10	23095	1	#0	16QAM	24.15	-1.92	20.08	PASS
NVNT	Band12	10	23095	1	#Mid	16QAM	24.17	-1.92	20.10	PASS
NVNT	Band12	10	23095	1	#Max	16QAM	24.17	-1.92	20.10	PASS
NVNT	Band12	10	23095	25	#0	16QAM	22.78	-1.92	18.71	PASS
NVNT	Band12	10	23095	25	#Mid	16QAM	22.70	-1.92	18.63	PASS
NVNT	Band12	10	23095	25	#Max	16QAM	22.69	-1.92	18.62	PASS
NVNT	Band12	10	23095	50	#0	16QAM	22.70	-1.92	18.63	PASS
NVNT	Band12	10	23130	1	#0	QPSK	24.90	-1.92	20.83	PASS
NVNT	Band12	10	23130	1	#Mid	QPSK	24.87	-1.92	20.80	PASS
NVNT	Band12	10	23130	1	#Max	QPSK	25.03	-1.92	20.96	PASS
NVNT	Band12	10	23130	25	#0	QPSK	23.69	-1.92	19.62	PASS
NVNT	Band12	10	23130	25	#Mid	QPSK	23.80	-1.92	19.73	PASS
NVNT	Band12	10	23130	25	#Max	QPSK	23.67	-1.92	19.60	PASS
NVNT	Band12	10	23130	50	#0	QPSK	23.62	-1.92	19.55	PASS

NVNT	Band12	10	23130	1	#0	16QAM	24.48	-1.92	20.41	PASS
NVNT	Band12	10	23130	1	#Mid	16QAM	24.49	-1.92	20.42	PASS
NVNT	Band12	10	23130	1	#Max	16QAM	24.49	-1.92	20.42	PASS
NVNT	Band12	10	23130	25	#0	16QAM	22.69	-1.92	18.62	PASS
NVNT	Band12	10	23130	25	#Mid	16QAM	22.84	-1.92	18.77	PASS
NVNT	Band12	10	23130	25	#Max	16QAM	22.90	-1.92	18.83	PASS
NVNT	Band12	10	23130	50	#0	16QAM	22.75	-1.92	18.68	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	18.93	0.027	PASS
NVNT	Band1 2	1.4	23017	6	#0	QPSK	NV	NT	-12.49	-0.018	PASS
NVNT	Band1 2	1.4	23017	6	#0	QPSK	HV	NT	-33.14	-0.047	PASS
NVNT	Band1 2	1.4	23017	6	#0	16QAM	LV	NT	-5.28	-0.008	PASS
NVNT	Band1 2	1.4	23017	6	#0	16QAM	NV	NT	-1.04	-0.001	PASS
NVNT	Band1 2	1.4	23017	6	#0	16QAM	HV	NT	3.88	0.006	PASS
NVNT	Band1 2	1.4	23095	6	#0	QPSK	LV	NT	16.84	0.024	PASS
NVNT	Band1 2	1.4	23095	6	#0	QPSK	NV	NT	16.05	0.023	PASS
NVNT	Band1 2	1.4	23095	6	#0	QPSK	HV	NT	13.03	0.018	PASS
NVNT	Band1 2	1.4	23095	6	#0	16QAM	LV	NT	10.46	0.015	PASS
NVNT	Band1 2	1.4	23095	6	#0	16QAM	NV	NT	10.51	0.015	PASS
NVNT	Band1 2	1.4	23095	6	#0	16QAM	HV	NT	12.50	0.018	PASS
NVNT	Band1 2	1.4	23173	6	#0	QPSK	LV	NT	21.53	0.030	PASS
NVNT	Band1 2	1.4	23173	6	#0	QPSK	NV	NT	21.51	0.030	PASS
NVNT	Band1 2	1.4	23173	6	#0	QPSK	HV	NT	20.23	0.028	PASS
NVNT	Band1 2	1.4	23173	6	#0	16QAM	LV	NT	16.95	0.024	PASS
NVNT	Band1 2	1.4	23173	6	#0	16QAM	NV	NT	15.11	0.021	PASS
NVNT	Band1 2	1.4	23173	6	#0	16QAM	HV	NT	16.88	0.024	PASS
NVNT	Band1 2	3	23025	15	#0	QPSK	LV	NT	29.53	0.042	PASS

NVNT	Band1 2	3	23025	15	#0	QPSK	NV	NT	-1.10	-0.002	PASS
NVNT	Band1 2	3	23025	15	#0	QPSK	HV	NT	-24.76	-0.035	PASS
NVNT	Band1 2	3	23025	15	#0	16QAM	LV	NT	-40.77	-0.058	PASS
NVNT	Band1 2	3	23025	15	#0	16QAM	NV	NT	-39.35	-0.056	PASS
NVNT	Band1 2	3	23025	15	#0	16QAM	HV	NT	-31.17	-0.044	PASS
NVNT	Band1 2	3	23095	15	#0	QPSK	LV	NT	8.68	0.012	PASS
NVNT	Band1 2	3	23095	15	#0	QPSK	NV	NT	5.94	0.008	PASS
NVNT	Band1 2	3	23095	15	#0	QPSK	HV	NT	-1.44	-0.002	PASS
NVNT	Band1 2	3	23095	15	#0	16QAM	LV	NT	-6.58	-0.009	PASS
NVNT	Band1 2	3	23095	15	#0	16QAM	NV	NT	-6.15	-0.009	PASS
NVNT	Band1 2	3	23095	15	#0	16QAM	HV	NT	-4.78	-0.007	PASS
NVNT	Band1 2	3	23165	15	#0	QPSK	LV	NT	18.25	0.026	PASS
NVNT	Band1 2	3	23165	15	#0	QPSK	NV	NT	20.11	0.028	PASS
NVNT	Band1 2	3	23165	15	#0	QPSK	HV	NT	17.22	0.024	PASS
NVNT	Band1 2	3	23165	15	#0	16QAM	LV	NT	13.49	0.019	PASS
NVNT	Band1 2	3	23165	15	#0	16QAM	NV	NT	11.43	0.016	PASS
NVNT	Band1 2	3	23165	15	#0	16QAM	HV	NT	13.30	0.019	PASS
NVNT	Band1 2	5	23035	25	#0	QPSK	LV	NT	30.80	0.044	PASS
NVNT	Band1 2	5	23035	25	#0	QPSK	NV	NT	0.01	0.000	PASS
NVNT	Band1 2	5	23035	25	#0	QPSK	HV	NT	-18.83	-0.027	PASS
NVNT	Band1 2	5	23035	25	#0	16QAM	LV	NT	-25.05	-0.036	PASS
NVNT	Band1 2	5	23035	25	#0	16QAM	NV	NT	-17.85	-0.025	PASS

	2										
NVNT	Band1 2	5	23035	25	#0	16QAM	HV	NT	-8.48	-0.012	PASS
NVNT	Band1 2	5	23095	25	#0	QPSK	LV	NT	14.43	0.020	PASS
NVNT	Band1 2	5	23095	25	#0	QPSK	NV	NT	12.49	0.018	PASS
NVNT	Band1 2	5	23095	25	#0	QPSK	HV	NT	7.80	0.011	PASS
NVNT	Band1 2	5	23095	25	#0	16QAM	LV	NT	10.11	0.014	PASS
NVNT	Band1 2	5	23095	25	#0	16QAM	NV	NT	15.08	0.021	PASS
NVNT	Band1 2	5	23095	25	#0	16QAM	HV	NT	15.12	0.021	PASS
NVNT	Band1 2	5	23155	25	#0	QPSK	LV	NT	16.32	0.023	PASS
NVNT	Band1 2	5	23155	25	#0	QPSK	NV	NT	13.78	0.019	PASS
NVNT	Band1 2	5	23155	25	#0	QPSK	HV	NT	9.74	0.014	PASS
NVNT	Band1 2	5	23155	25	#0	16QAM	LV	NT	8.47	0.012	PASS
NVNT	Band1 2	5	23155	25	#0	16QAM	NV	NT	8.75	0.012	PASS
NVNT	Band1 2	5	23155	25	#0	16QAM	HV	NT	8.40	0.012	PASS
NVNT	Band1 2	10	23060	50	#0	QPSK	LV	NT	32.24	0.046	PASS
NVNT	Band1 2	10	23060	50	#0	QPSK	NV	NT	-17.47	-0.025	PASS
NVNT	Band1 2	10	23060	50	#0	QPSK	HV	NT	-37.47	-0.053	PASS
NVNT	Band1 2	10	23060	50	#0	16QAM	LV	NT	-35.62	-0.051	PASS
NVNT	Band1 2	10	23060	50	#0	16QAM	NV	NT	-28.17	-0.040	PASS
NVNT	Band1 2	10	23060	50	#0	16QAM	HV	NT	-24.08	-0.034	PASS
NVNT	Band1 2	10	23095	50	#0	QPSK	LV	NT	4.25	0.006	PASS
NVNT	Band1 2	10	23095	50	#0	QPSK	NV	NT	-2.98	-0.004	PASS

NVNT	Band1 2	10	23095	50	#0	QPSK	HV	NT	-15.39	-0.022	PASS
NVNT	Band1 2	10	23095	50	#0	16QAM	LV	NT	-21.84	-0.031	PASS
NVNT	Band1 2	10	23095	50	#0	16QAM	NV	NT	-21.06	-0.030	PASS
NVNT	Band1 2	10	23095	50	#0	16QAM	HV	NT	-19.37	-0.027	PASS
NVNT	Band1 2	10	23130	50	#0	QPSK	LV	NT	5.62	0.008	PASS
NVNT	Band1 2	10	23130	50	#0	QPSK	NV	NT	-1.03	-0.001	PASS
NVNT	Band1 2	10	23130	50	#0	QPSK	HV	NT	-6.25	-0.009	PASS
NVNT	Band1 2	10	23130	50	#0	16QAM	LV	NT	-13.50	-0.019	PASS
NVNT	Band1 2	10	23130	50	#0	16QAM	NV	NT	-14.35	-0.020	PASS
NVNT	Band1 2	10	23130	50	#0	16QAM	HV	NT	-11.42	-0.016	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	-24.03	-0.034	PASS
NVNT	Band1 2	1.4	23017	6	#0	QPSK	NV	-20	-31.63	-0.045	PASS
NVNT	Band1 2	1.4	23017	6	#0	QPSK	NV	0	-31.91	-0.046	PASS
NVNT	Band1 2	1.4	23017	6	#0	QPSK	NV	10	0.39	0.001	PASS
NVNT	Band1 2	1.4	23017	6	#0	QPSK	NV	20	-12.19	-0.017	PASS
NVNT	Band1 2	1.4	23017	6	#0	QPSK	NV	30	-11.84	-0.017	PASS
NVNT	Band1 2	1.4	23017	6	#0	QPSK	NV	40	-6.81	-0.010	PASS
NVNT	Band1 2	1.4	23017	6	#0	QPSK	NV	50	-2.02	-0.003	PASS
NVNT	Band1 2	1.4	23017	6	#0	16QAM	NV	-30	4.13	0.006	PASS
NVNT	Band1 2	1.4	23017	6	#0	16QAM	NV	-20	11.39	0.016	PASS

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NVNT	Band1 2	1.4	23017	6	#0	16QAM	NV	0	21.07	0.030	PASS
NVNT	Band1 2	1.4	23017	6	#0	16QAM	NV	10	26.01	0.037	PASS
NVNT	Band1 2	1.4	23017	6	#0	16QAM	NV	20	27.22	0.039	PASS
NVNT	Band1 2	1.4	23017	6	#0	16QAM	NV	30	27.89	0.040	PASS
NVNT	Band1 2	1.4	23017	6	#0	16QAM	NV	40	28.67	0.041	PASS
NVNT	Band1 2	1.4	23017	6	#0	16QAM	NV	50	26.51	0.038	PASS
NVNT	Band1 2	1.4	23095	6	#0	QPSK	NV	-30	9.06	0.013	PASS
NVNT	Band1 2	1.4	23095	6	#0	QPSK	NV	-20	0.37	0.001	PASS
NVNT	Band1 2	1.4	23095	6	#0	QPSK	NV	0	-3.89	-0.005	PASS
NVNT	Band1 2	1.4	23095	6	#0	QPSK	NV	10	-2.27	-0.003	PASS
NVNT	Band1 2	1.4	23095	6	#0	QPSK	NV	20	5.11	0.007	PASS
NVNT	Band1 2	1.4	23095	6	#0	QPSK	NV	30	17.17	0.024	PASS
NVNT	Band1 2	1.4	23095	6	#0	QPSK	NV	40	27.77	0.039	PASS
NVNT	Band1 2	1.4	23095	6	#0	QPSK	NV	50	37.41	0.053	PASS
NVNT	Band1 2	1.4	23095	6	#0	16QAM	NV	-30	47.76	0.068	PASS
NVNT	Band1 2	1.4	23095	6	#0	16QAM	NV	-20	6.87	0.010	PASS
NVNT	Band1 2	1.4	23095	6	#0	16QAM	NV	0	16.21	0.023	PASS
NVNT	Band1 2	1.4	23095	6	#0	16QAM	NV	10	20.01	0.028	PASS
NVNT	Band1 2	1.4	23095	6	#0	16QAM	NV	20	24.78	0.035	PASS
NVNT	Band1 2	1.4	23095	6	#0	16QAM	NV	30	24.98	0.035	PASS
NVNT	Band1 2	1.4	23095	6	#0	16QAM	NV	40	24.76	0.035	PASS

NVNT	Band1 2	1.4	23095	6	#0	16QAM	NV	50	26.58	0.038	PASS
NVNT	Band1 2	1.4	23173	6	#0	QPSK	NV	-30	13.19	0.018	PASS
NVNT	Band1 2	1.4	23173	6	#0	QPSK	NV	-20	0.82	0.001	PASS
NVNT	Band1 2	1.4	23173	6	#0	QPSK	NV	0	-8.80	-0.012	PASS
NVNT	Band1 2	1.4	23173	6	#0	QPSK	NV	10	-11.83	-0.017	PASS
NVNT	Band1 2	1.4	23173	6	#0	QPSK	NV	20	-6.68	-0.009	PASS
NVNT	Band1 2	1.4	23173	6	#0	QPSK	NV	30	-0.19	0.000	PASS
NVNT	Band1 2	1.4	23173	6	#0	QPSK	NV	40	5.62	0.008	PASS
NVNT	Band1 2	1.4	23173	6	#0	QPSK	NV	50	11.14	0.016	PASS
NVNT	Band1 2	1.4	23173	6	#0	16QAM	NV	-30	15.49	0.022	PASS
NVNT	Band1 2	1.4	23173	6	#0	16QAM	NV	-20	21.69	0.030	PASS
NVNT	Band1 2	1.4	23173	6	#0	16QAM	NV	0	26.78	0.037	PASS
NVNT	Band1 2	1.4	23173	6	#0	16QAM	NV	10	29.73	0.042	PASS
NVNT	Band1 2	1.4	23173	6	#0	16QAM	NV	20	31.90	0.045	PASS
NVNT	Band1 2	1.4	23173	6	#0	16QAM	NV	30	30.01	0.042	PASS
NVNT	Band1 2	1.4	23173	6	#0	16QAM	NV	40	29.28	0.041	PASS
NVNT	Band1 2	1.4	23173	6	#0	16QAM	NV	50	25.91	0.036	PASS
NVNT	Band1 2	3	23025	15	#0	QPSK	NV	-30	-20.86	-0.030	PASS
NVNT	Band1 2	3	23025	15	#0	QPSK	NV	-20	-24.52	-0.035	PASS
NVNT	Band1 2	3	23025	15	#0	QPSK	NV	0	-6.17	-0.009	PASS
NVNT	Band1 2	3	23025	15	#0	QPSK	NV	10	-4.08	-0.006	PASS
NVNT	Band1 2	3	23025	15	#0	QPSK	NV	20	16.42	0.023	PASS

	2										
NVNT	Band1 2	3	23025	15	#0	QPSK	NV	30	42.17	0.060	PASS
NVNT	Band1 2	3	23025	15	#0	QPSK	NV	40	18.01	0.026	PASS
NVNT	Band1 2	3	23025	15	#0	QPSK	NV	50	34.80	0.050	PASS
NVNT	Band1 2	3	23025	15	#0	16QAM	NV	-30	17.75	0.025	PASS
NVNT	Band1 2	3	23025	15	#0	16QAM	NV	-20	7.87	0.011	PASS
NVNT	Band1 2	3	23025	15	#0	16QAM	NV	0	21.33	0.030	PASS
NVNT	Band1 2	3	23025	15	#0	16QAM	NV	10	29.80	0.043	PASS
NVNT	Band1 2	3	23025	15	#0	16QAM	NV	20	36.19	0.052	PASS
NVNT	Band1 2	3	23025	15	#0	16QAM	NV	30	40.81	0.058	PASS
NVNT	Band1 2	3	23025	15	#0	16QAM	NV	40	28.65	0.041	PASS
NVNT	Band1 2	3	23025	15	#0	16QAM	NV	50	3.95	0.006	PASS
NVNT	Band1 2	3	23095	15	#0	QPSK	NV	-30	17.78	0.025	PASS
NVNT	Band1 2	3	23095	15	#0	QPSK	NV	-20	12.72	0.018	PASS
NVNT	Band1 2	3	23095	15	#0	QPSK	NV	0	8.05	0.011	PASS
NVNT	Band1 2	3	23095	15	#0	QPSK	NV	10	12.19	0.017	PASS
NVNT	Band1 2	3	23095	15	#0	QPSK	NV	20	15.91	0.022	PASS
NVNT	Band1 2	3	23095	15	#0	QPSK	NV	30	20.63	0.029	PASS
NVNT	Band1 2	3	23095	15	#0	QPSK	NV	40	28.21	0.040	PASS
NVNT	Band1 2	3	23095	15	#0	QPSK	NV	50	35.91	0.051	PASS
NVNT	Band1 2	3	23095	15	#0	16QAM	NV	-30	33.42	0.047	PASS
NVNT	Band1 2	3	23095	15	#0	16QAM	NV	-20	5.61	0.008	PASS

NVNT	Band1 2	3	23095	15	#0	16QAM	NV	0	15.52	0.022	PASS
NVNT	Band1 2	3	23095	15	#0	16QAM	NV	10	21.77	0.031	PASS
NVNT	Band1 2	3	23095	15	#0	16QAM	NV	20	25.85	0.037	PASS
NVNT	Band1 2	3	23095	15	#0	16QAM	NV	30	28.75	0.041	PASS
NVNT	Band1 2	3	23095	15	#0	16QAM	NV	40	28.11	0.040	PASS
NVNT	Band1 2	3	23095	15	#0	16QAM	NV	50	29.80	0.042	PASS
NVNT	Band1 2	3	23165	15	#0	QPSK	NV	-30	15.88	0.022	PASS
NVNT	Band1 2	3	23165	15	#0	QPSK	NV	-20	8.24	0.012	PASS
NVNT	Band1 2	3	23165	15	#0	QPSK	NV	0	2.19	0.003	PASS
NVNT	Band1 2	3	23165	15	#0	QPSK	NV	10	-0.67	-0.001	PASS
NVNT	Band1 2	3	23165	15	#0	QPSK	NV	20	3.59	0.005	PASS
NVNT	Band1 2	3	23165	15	#0	QPSK	NV	30	11.66	0.016	PASS
NVNT	Band1 2	3	23165	15	#0	QPSK	NV	40	16.47	0.023	PASS
NVNT	Band1 2	3	23165	15	#0	QPSK	NV	50	18.21	0.025	PASS
NVNT	Band1 2	3	23165	15	#0	16QAM	NV	-30	21.44	0.030	PASS
NVNT	Band1 2	3	23165	15	#0	16QAM	NV	-20	26.62	0.037	PASS
NVNT	Band1 2	3	23165	15	#0	16QAM	NV	0	30.33	0.042	PASS
NVNT	Band1 2	3	23165	15	#0	16QAM	NV	10	30.04	0.042	PASS
NVNT	Band1 2	3	23165	15	#0	16QAM	NV	20	31.01	0.043	PASS
NVNT	Band1 2	3	23165	15	#0	16QAM	NV	30	31.36	0.044	PASS
NVNT	Band1 2	3	23165	15	#0	16QAM	NV	40	28.94	0.041	PASS
NVNT	Band1 2	3	23165	15	#0	16QAM	NV	50	25.66	0.036	PASS

	2										
NVNT	Band1 2	5	23035	25	#0	QPSK	NV	-30	-3.96	-0.006	PASS
NVNT	Band1 2	5	23035	25	#0	QPSK	NV	-20	-9.53	-0.014	PASS
NVNT	Band1 2	5	23035	25	#0	QPSK	NV	0	-37.11	-0.053	PASS
NVNT	Band1 2	5	23035	25	#0	QPSK	NV	10	-37.25	-0.053	PASS
NVNT	Band1 2	5	23035	25	#0	QPSK	NV	20	-24.10	-0.034	PASS
NVNT	Band1 2	5	23035	25	#0	QPSK	NV	30	-7.47	-0.011	PASS
NVNT	Band1 2	5	23035	25	#0	QPSK	NV	40	11.24	0.016	PASS
NVNT	Band1 2	5	23035	25	#0	QPSK	NV	50	26.87	0.038	PASS
NVNT	Band1 2	5	23035	25	#0	16QAM	NV	-30	41.89	0.060	PASS
NVNT	Band1 2	5	23035	25	#0	16QAM	NV	-20	5.45	0.008	PASS
NVNT	Band1 2	5	23035	25	#0	16QAM	NV	0	16.18	0.023	PASS
NVNT	Band1 2	5	23035	25	#0	16QAM	NV	10	21.29	0.030	PASS
NVNT	Band1 2	5	23035	25	#0	16QAM	NV	20	20.48	0.029	PASS
NVNT	Band1 2	5	23035	25	#0	16QAM	NV	30	21.72	0.031	PASS
NVNT	Band1 2	5	23035	25	#0	16QAM	NV	40	22.17	0.032	PASS
NVNT	Band1 2	5	23035	25	#0	16QAM	NV	50	23.00	0.033	PASS
NVNT	Band1 2	5	23095	25	#0	QPSK	NV	-30	11.74	0.017	PASS
NVNT	Band1 2	5	23095	25	#0	QPSK	NV	-20	-0.46	-0.001	PASS
NVNT	Band1 2	5	23095	25	#0	QPSK	NV	0	-0.01	0.000	PASS
NVNT	Band1 2	5	23095	25	#0	QPSK	NV	10	9.50	0.013	PASS
NVNT	Band1 2	5	23095	25	#0	QPSK	NV	20	16.74	0.024	PASS

NVNT	Band1 2	5	23095	25	#0	QPSK	NV	30	24.38	0.034	PASS
NVNT	Band1 2	5	23095	25	#0	QPSK	NV	40	31.37	0.044	PASS
NVNT	Band1 2	5	23095	25	#0	QPSK	NV	50	41.60	0.059	PASS
NVNT	Band1 2	5	23095	25	#0	16QAM	NV	-30	37.42	0.053	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	0	13.28	0.019	PASS
NVNT	Band1 2	5	23095	25	#0	16QAM	NV	10	15.85	0.022	PASS
NVNT	Band1 2	5	23095	25	#0	16QAM	NV	20	17.80	0.025	PASS
NVNT	Band1 2	5	23095	25	#0	16QAM	NV	30	16.85	0.024	PASS
NVNT	Band1 2	5	23095	25	#0	16QAM	NV	40	17.68	0.025	PASS
NVNT	Band1 2	5	23095	25	#0	16QAM	NV	50	18.02	0.025	PASS
NVNT	Band1 2	5	23155	25	#0	QPSK	NV	-30	9.47	0.013	PASS
NVNT	Band1 2	5	23155	25	#0	QPSK	NV	-20	-0.66	-0.001	PASS
NVNT	Band1 2	5	23155	25	#0	QPSK	NV	0	-10.56	-0.015	PASS
NVNT	Band1 2	5	23155	25	#0	QPSK	NV	10	-9.44	-0.013	PASS
NVNT	Band1 2	5	23155	25	#0	QPSK	NV	20	-5.48	-0.008	PASS
NVNT	Band1 2	5	23155	25	#0	QPSK	NV	30	-2.03	-0.003	PASS
NVNT	Band1 2	5	23155	25	#0	QPSK	NV	40	3.45	0.005	PASS
NVNT	Band1 2	5	23155	25	#0	QPSK	NV	50	7.70	0.011	PASS
NVNT	Band1 2	5	23155	25	#0	16QAM	NV	-30	13.38	0.019	PASS
NVNT	Band1 2	5	23155	25	#0	16QAM	NV	-20	19.15	0.027	PASS
NVNT	Band1 2	5	23155	25	#0	16QAM	NV	0	22.32	0.031	PASS

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NVNT	Band1 2	5	23155	25	#0	16QAM	NV	10	20.74	0.029	PASS
NVNT	Band1 2	5	23155	25	#0	16QAM	NV	20	15.92	0.022	PASS
NVNT	Band1 2	5	23155	25	#0	16QAM	NV	30	11.52	0.016	PASS
NVNT	Band1 2	5	23155	25	#0	16QAM	NV	40	6.21	0.009	PASS
NVNT	Band1 2	5	23155	25	#0	16QAM	NV	50	2.88	0.004	PASS
NVNT	Band1 2	10	23060	50	#0	QPSK	NV	-30	-8.28	-0.012	PASS
NVNT	Band1 2	10	23060	50	#0	QPSK	NV	-20	-8.90	-0.013	PASS
NVNT	Band1 2	10	23060	50	#0	QPSK	NV	0	-12.69	-0.018	PASS
NVNT	Band1 2	10	23060	50	#0	QPSK	NV	10	4.92	0.007	PASS
NVNT	Band1 2	10	23060	50	#0	QPSK	NV	20	25.98	0.037	PASS
NVNT	Band1 2	10	23060	50	#0	QPSK	NV	30	37.01	0.053	PASS
NVNT	Band1 2	10	23060	50	#0	QPSK	NV	40	14.63	0.021	PASS
NVNT	Band1 2	10	23060	50	#0	QPSK	NV	50	30.00	0.043	PASS
NVNT	Band1 2	10	23060	50	#0	16QAM	NV	-30	42.31	0.060	PASS
NVNT	Band1 2	10	23060	50	#0	16QAM	NV	-20	-2.17	-0.003	PASS
NVNT	Band1 2	10	23060	50	#0	16QAM	NV	0	4.13	0.006	PASS
NVNT	Band1 2	10	23060	50	#0	16QAM	NV	10	4.88	0.007	PASS
NVNT	Band1 2	10	23060	50	#0	16QAM	NV	20	4.48	0.006	PASS
NVNT	Band1 2	10	23060	50	#0	16QAM	NV	30	2.73	0.004	PASS
NVNT	Band1 2	10	23060	50	#0	16QAM	NV	40	3.26	0.005	PASS
NVNT	Band1 2	10	23060	50	#0	16QAM	NV	50	3.19	0.005	PASS

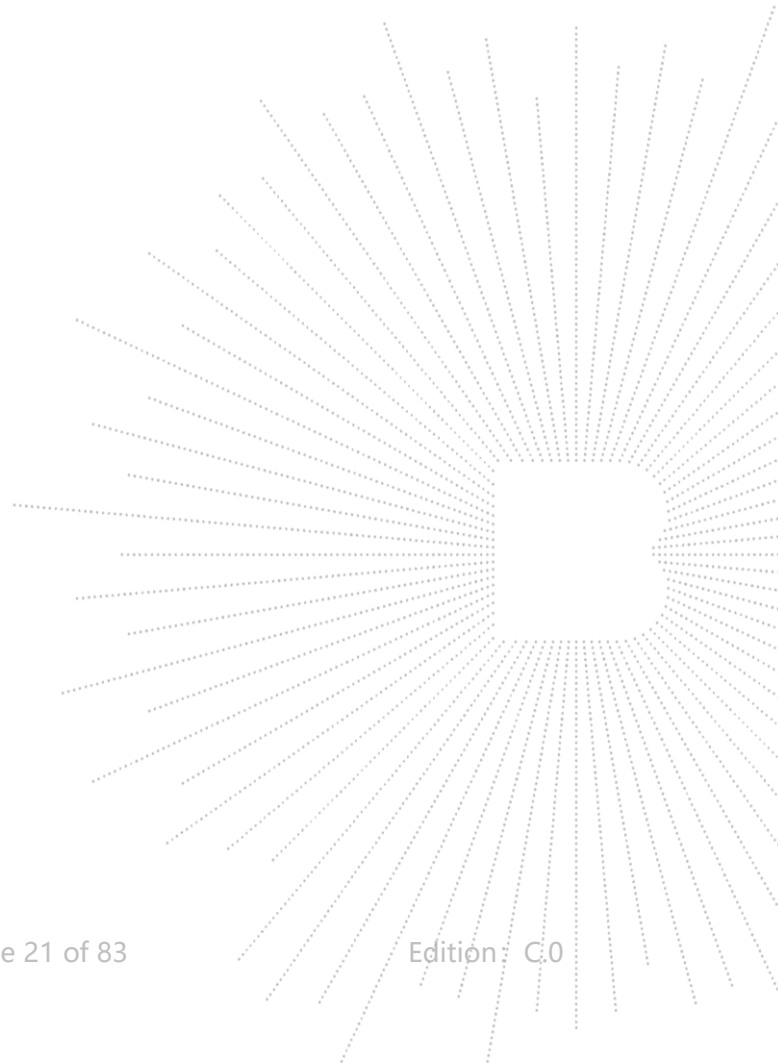
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NVNT	Band1 2	10	23095	50	#0	QPSK	NV	-20	-10.36	-0.015	PASS
NVNT	Band1 2	10	23095	50	#0	QPSK	NV	0	-6.45	-0.009	PASS
NVNT	Band1 2	10	23095	50	#0	QPSK	NV	10	9.53	0.013	PASS
NVNT	Band1 2	10	23095	50	#0	QPSK	NV	20	20.11	0.028	PASS
NVNT	Band1 2	10	23095	50	#0	QPSK	NV	30	29.51	0.042	PASS
NVNT	Band1 2	10	23095	50	#0	QPSK	NV	40	38.17	0.054	PASS
NVNT	Band1 2	10	23095	50	#0	QPSK	NV	50	-5.34	-0.008	PASS
NVNT	Band1 2	10	23095	50	#0	16QAM	NV	-30	1.32	0.002	PASS
NVNT	Band1 2	10	23095	50	#0	16QAM	NV	-20	12.39	0.018	PASS
NVNT	Band1 2	10	23095	50	#0	16QAM	NV	0	16.84	0.024	PASS
NVNT	Band1 2	10	23095	50	#0	16QAM	NV	10	15.13	0.021	PASS
NVNT	Band1 2	10	23095	50	#0	16QAM	NV	20	8.33	0.012	PASS
NVNT	Band1 2	10	23095	50	#0	16QAM	NV	30	1.95	0.003	PASS
NVNT	Band1 2	10	23095	50	#0	16QAM	NV	40	-1.87	-0.003	PASS
NVNT	Band1 2	10	23095	50	#0	16QAM	NV	50	-7.42	-0.010	PASS
NVNT	Band1 2	10	23130	50	#0	QPSK	NV	-30	4.39	0.006	PASS
NVNT	Band1 2	10	23130	50	#0	QPSK	NV	-20	-8.24	-0.012	PASS
NVNT	Band1 2	10	23130	50	#0	QPSK	NV	0	-11.34	-0.016	PASS
NVNT	Band1 2	10	23130	50	#0	QPSK	NV	10	-5.95	-0.008	PASS
NVNT	Band1 2	10	23130	50	#0	QPSK	NV	20	4.32	0.006	PASS
NVNT	Band1 2	10	23130	50	#0	QPSK	NV	30	17.95	0.025	PASS

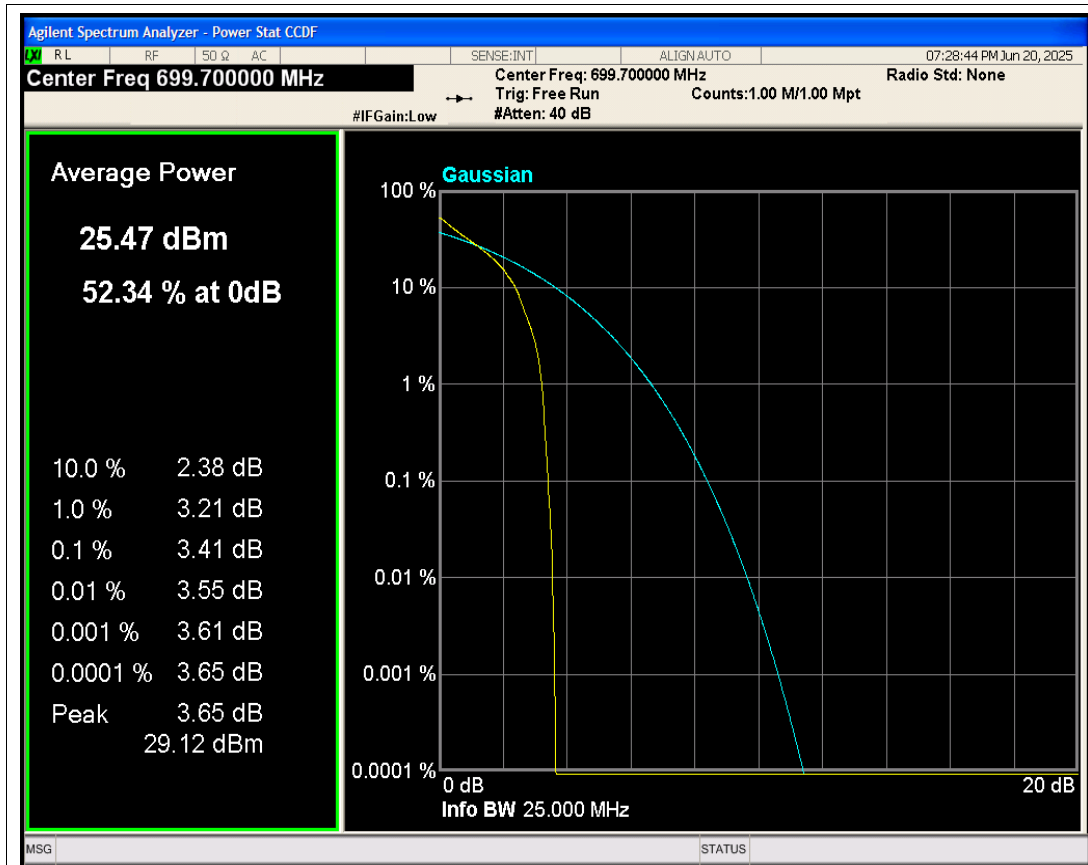
	2										
NVNT	Band1 2	10	23130	50	#0	QPSK	NV	40	34.56	0.049	PASS
NVNT	Band1 2	10	23130	50	#0	QPSK	NV	50	41.34	0.058	PASS
NVNT	Band1 2	10	23130	50	#0	16QAM	NV	-30	45.79	0.064	PASS
NVNT	Band1 2	10	23130	50	#0	16QAM	NV	-20	-2.05	-0.003	PASS
NVNT	Band1 2	10	23130	50	#0	16QAM	NV	0	-0.76	-0.001	PASS
NVNT	Band1 2	10	23130	50	#0	16QAM	NV	10	-3.66	-0.005	PASS
NVNT	Band1 2	10	23130	50	#0	16QAM	NV	20	-9.68	-0.014	PASS
NVNT	Band1 2	10	23130	50	#0	16QAM	NV	30	-12.73	-0.018	PASS
NVNT	Band1 2	10	23130	50	#0	16QAM	NV	40	-20.41	-0.029	PASS
NVNT	Band1 2	10	23130	50	#0	16QAM	NV	50	-24.06	-0.034	PASS

Appendix 3. Peak-to-Average Ratio

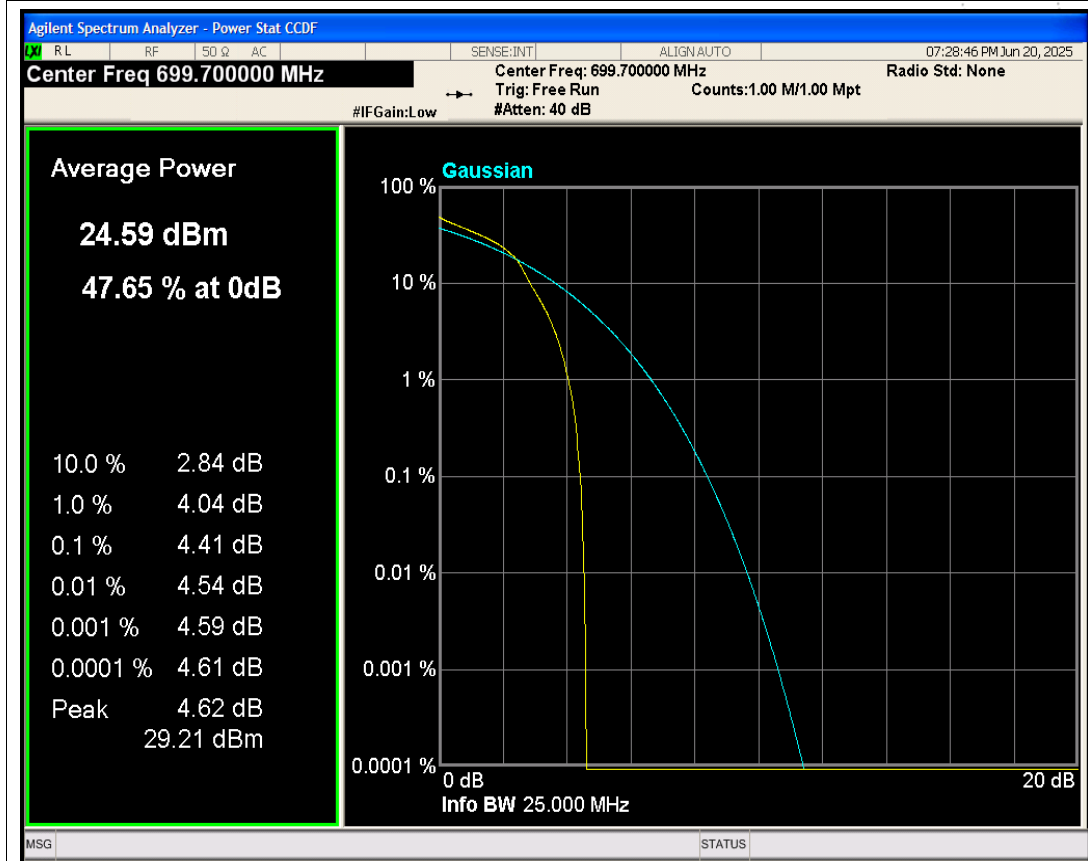
Condition	Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
NVNT	Band12	1.4	23017	1	#0	QPSK	3.41	13	PASS
NVNT	Band12	1.4	23017	1	#0	16QAM	4.41	13	PASS
NVNT	Band12	1.4	23095	1	#0	QPSK	4.52	13	PASS
NVNT	Band12	1.4	23095	1	#0	16QAM	5.35	13	PASS
NVNT	Band12	1.4	23173	1	#0	QPSK	3.59	13	PASS
NVNT	Band12	1.4	23173	1	#0	16QAM	5.05	13	PASS
NVNT	Band12	3	23025	1	#0	QPSK	3.51	13	PASS
NVNT	Band12	3	23025	1	#0	16QAM	4.73	13	PASS
NVNT	Band12	3	23095	1	#0	QPSK	4.46	13	PASS
NVNT	Band12	3	23095	1	#0	16QAM	4.98	13	PASS
NVNT	Band12	3	23165	1	#0	QPSK	4.08	13	PASS
NVNT	Band12	3	23165	1	#0	16QAM	5.08	13	PASS
NVNT	Band12	5	23035	1	#0	QPSK	3.58	13	PASS
NVNT	Band12	5	23035	1	#0	16QAM	4.86	13	PASS
NVNT	Band12	5	23095	1	#0	QPSK	4.38	13	PASS

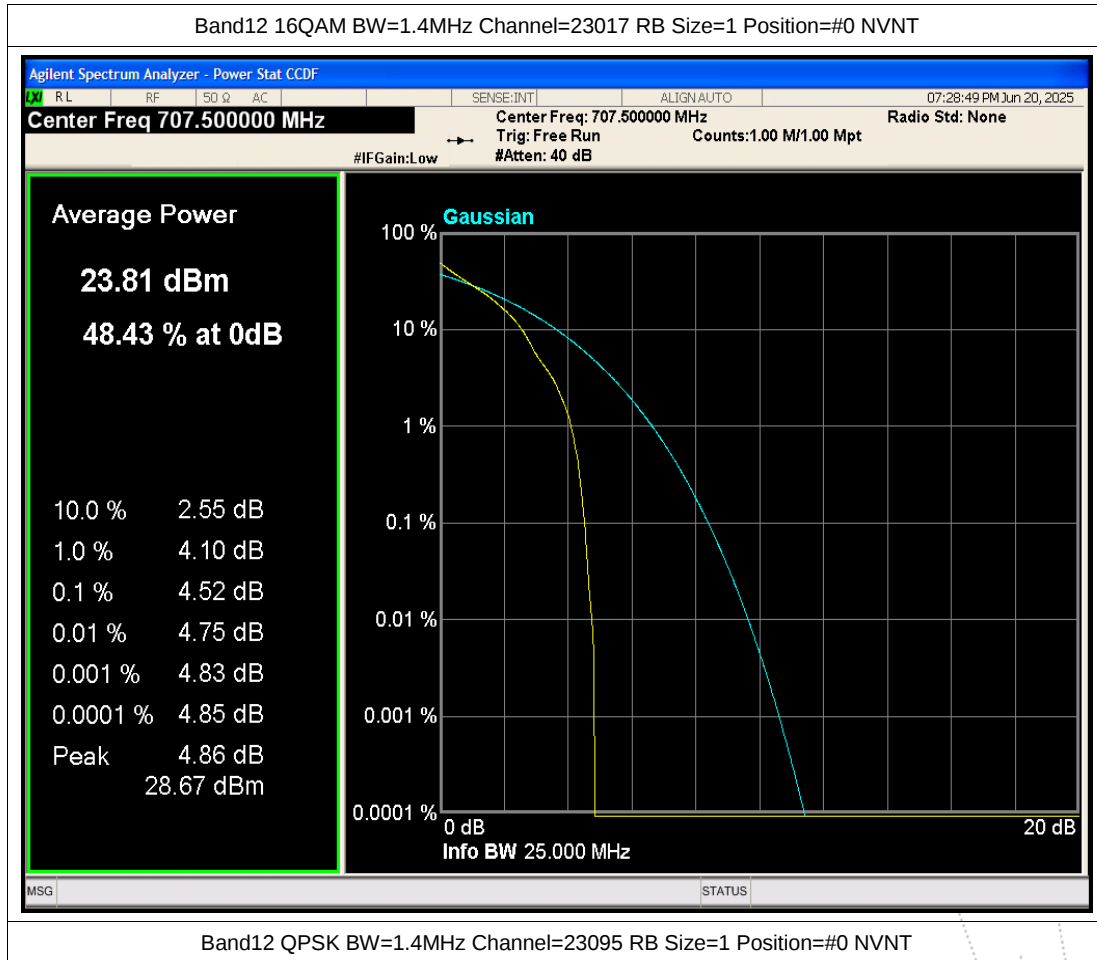
NVNT	Band12	5	23095	1	#0	16QAM	5.28	13	PASS
NVNT	Band12	5	23155	1	#0	QPSK	4.67	13	PASS
NVNT	Band12	5	23155	1	#0	16QAM	5.54	13	PASS
NVNT	Band12	10	23060	1	#0	QPSK	3.60	13	PASS
NVNT	Band12	10	23060	1	#0	16QAM	4.68	13	PASS
NVNT	Band12	10	23095	1	#0	QPSK	4.29	13	PASS
NVNT	Band12	10	23095	1	#0	16QAM	5.05	13	PASS
NVNT	Band12	10	23130	1	#0	QPSK	4.21	13	PASS
NVNT	Band12	10	23130	1	#0	16QAM	5.41	13	PASS

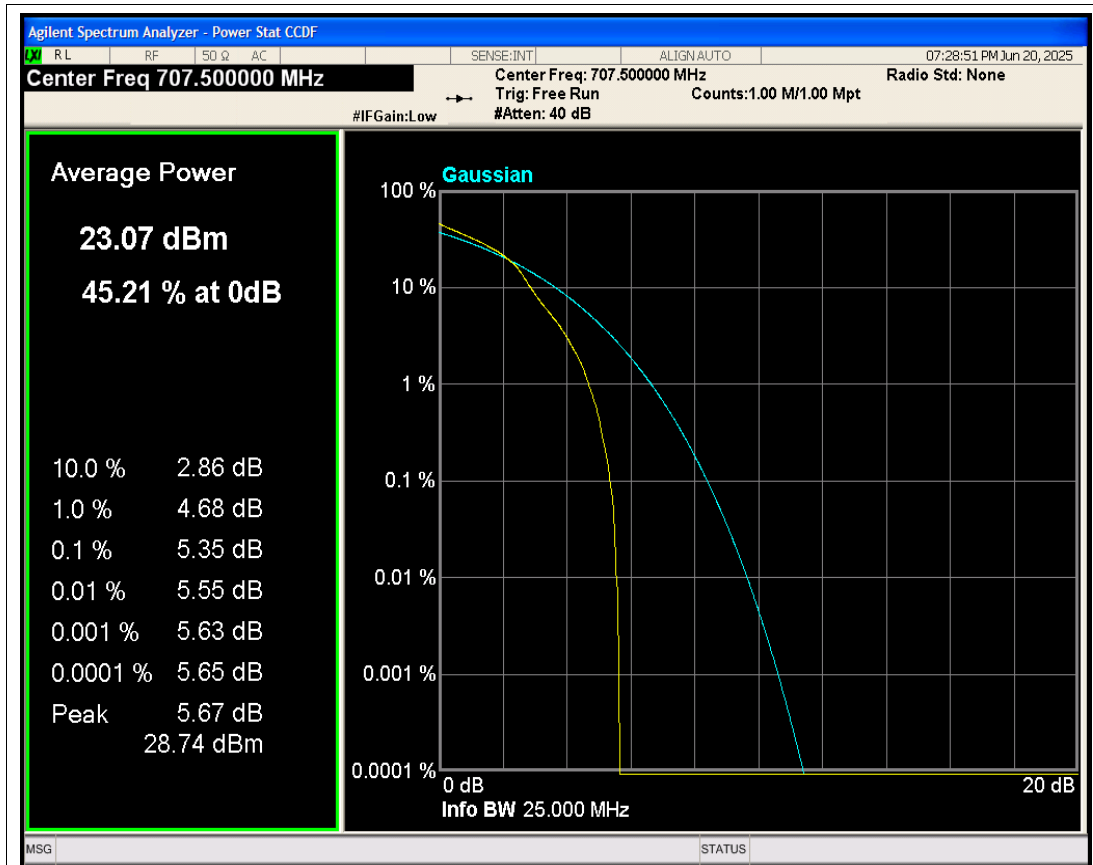




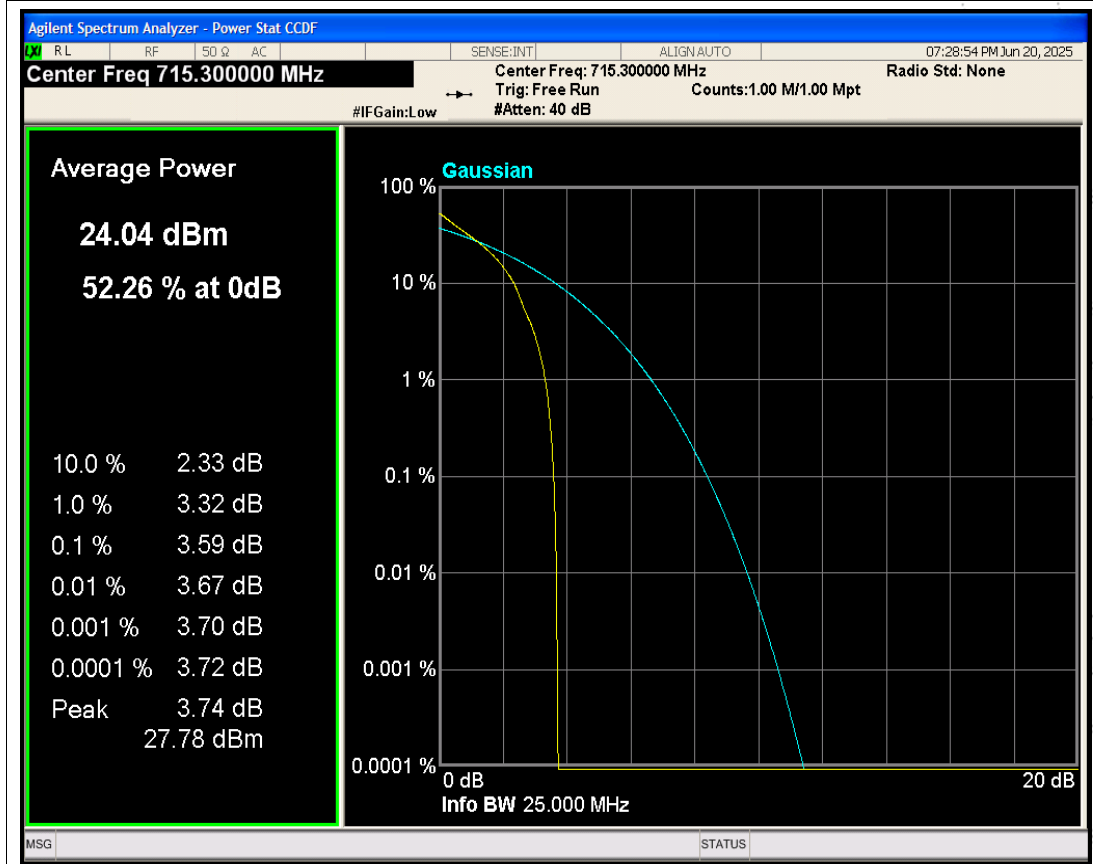
Band12 QPSK BW=1.4MHz Channel=23017 RB Size=1 Position=#0 NVNT

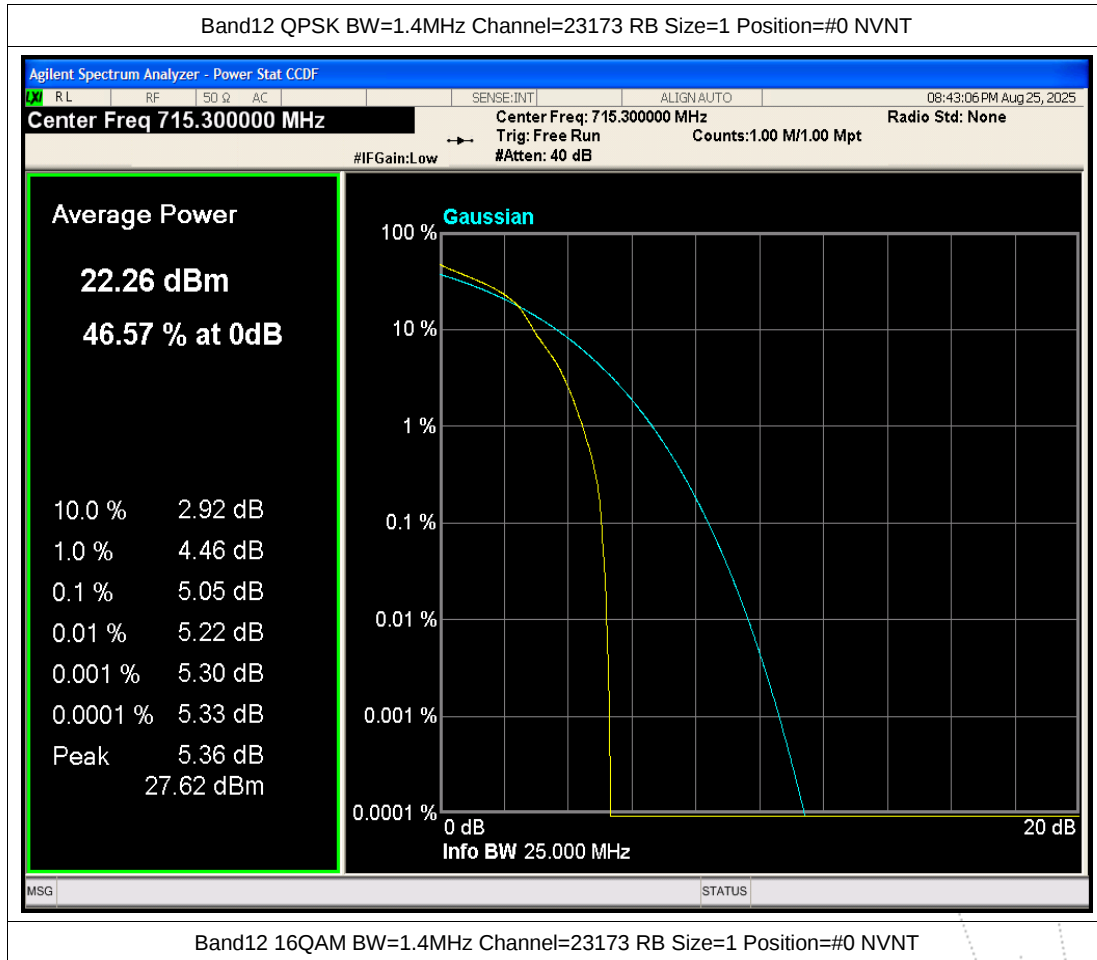


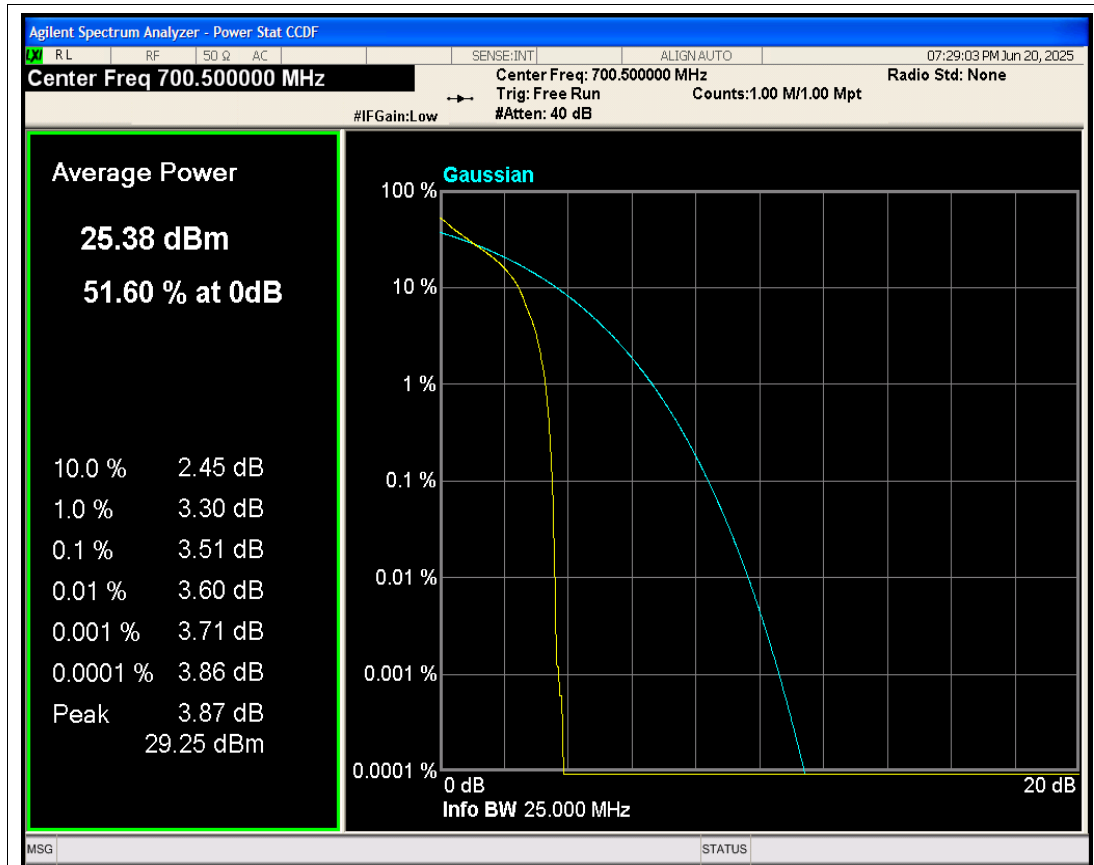




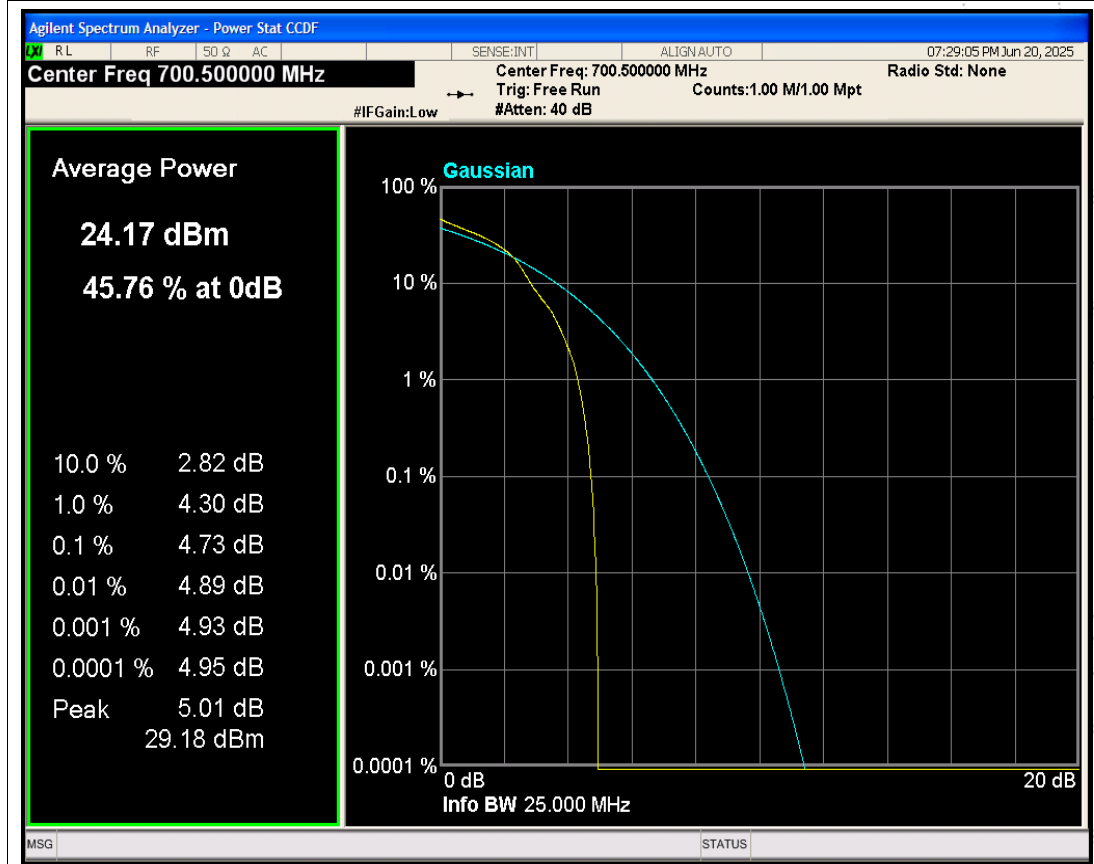
Band12 16QAM BW=1.4MHz Channel=23095 RB Size=1 Position=#0 NVNT

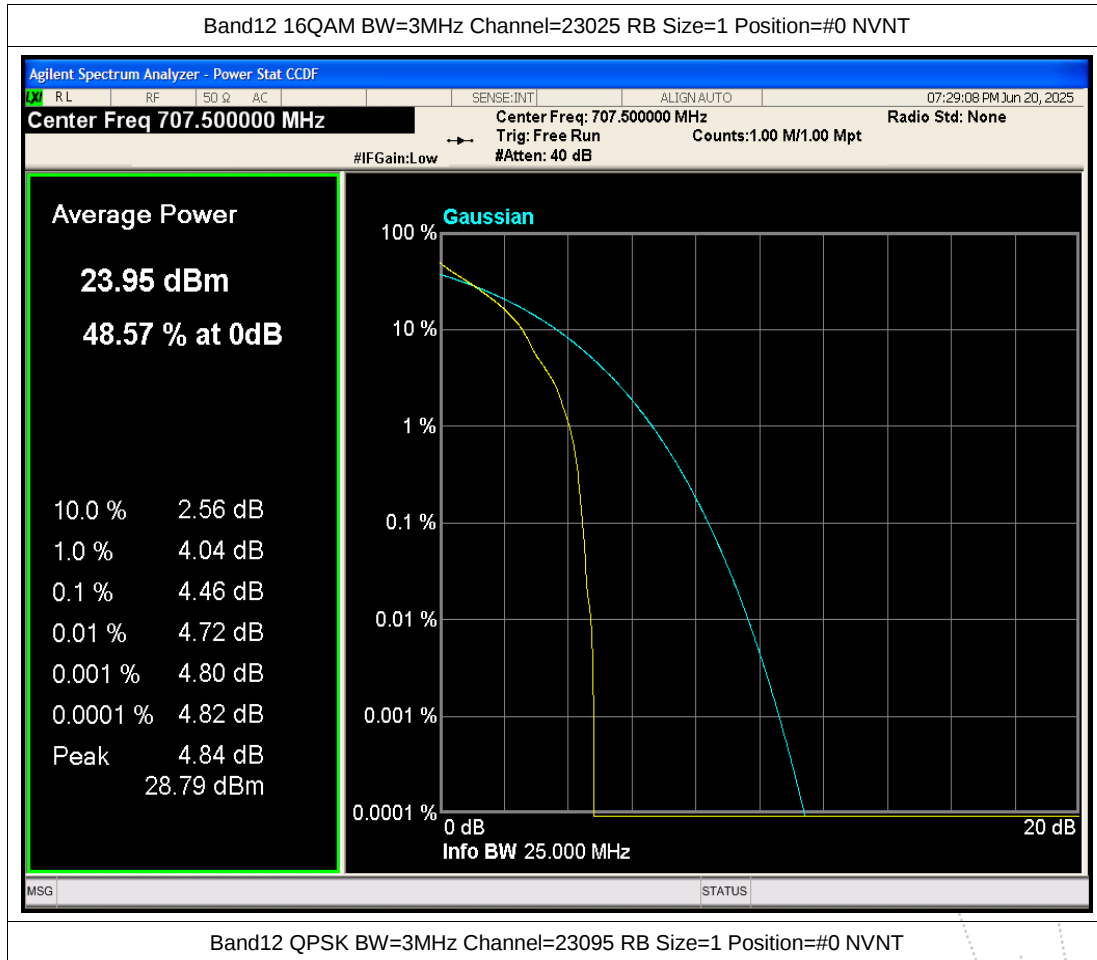


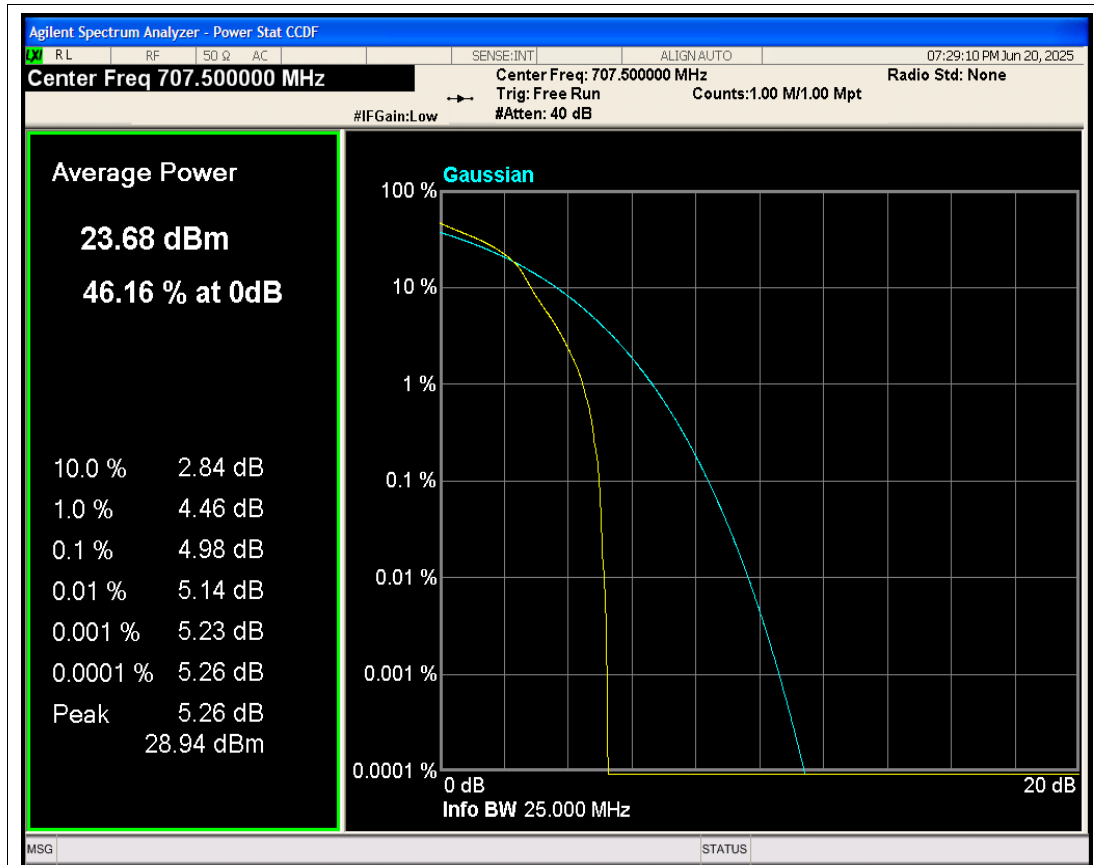




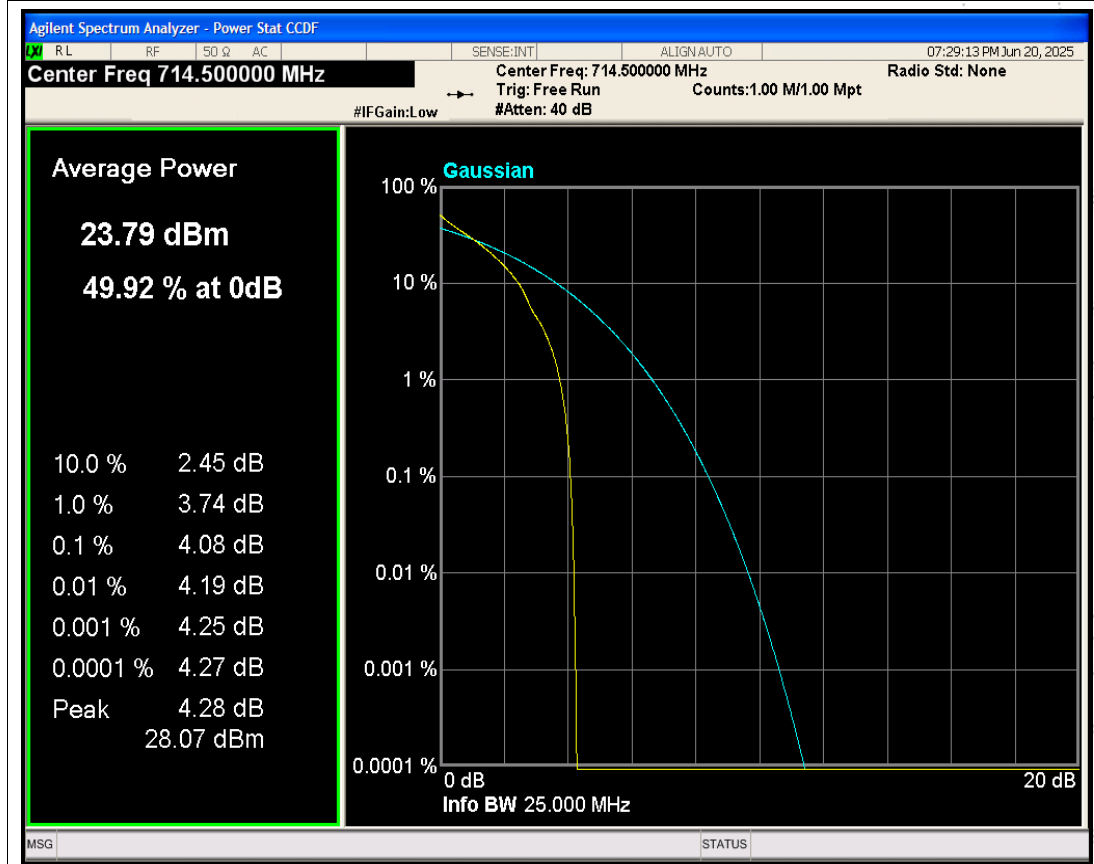
Band12 QPSK BW=3MHz Channel=23025 RB Size=1 Position=#0 NVNT

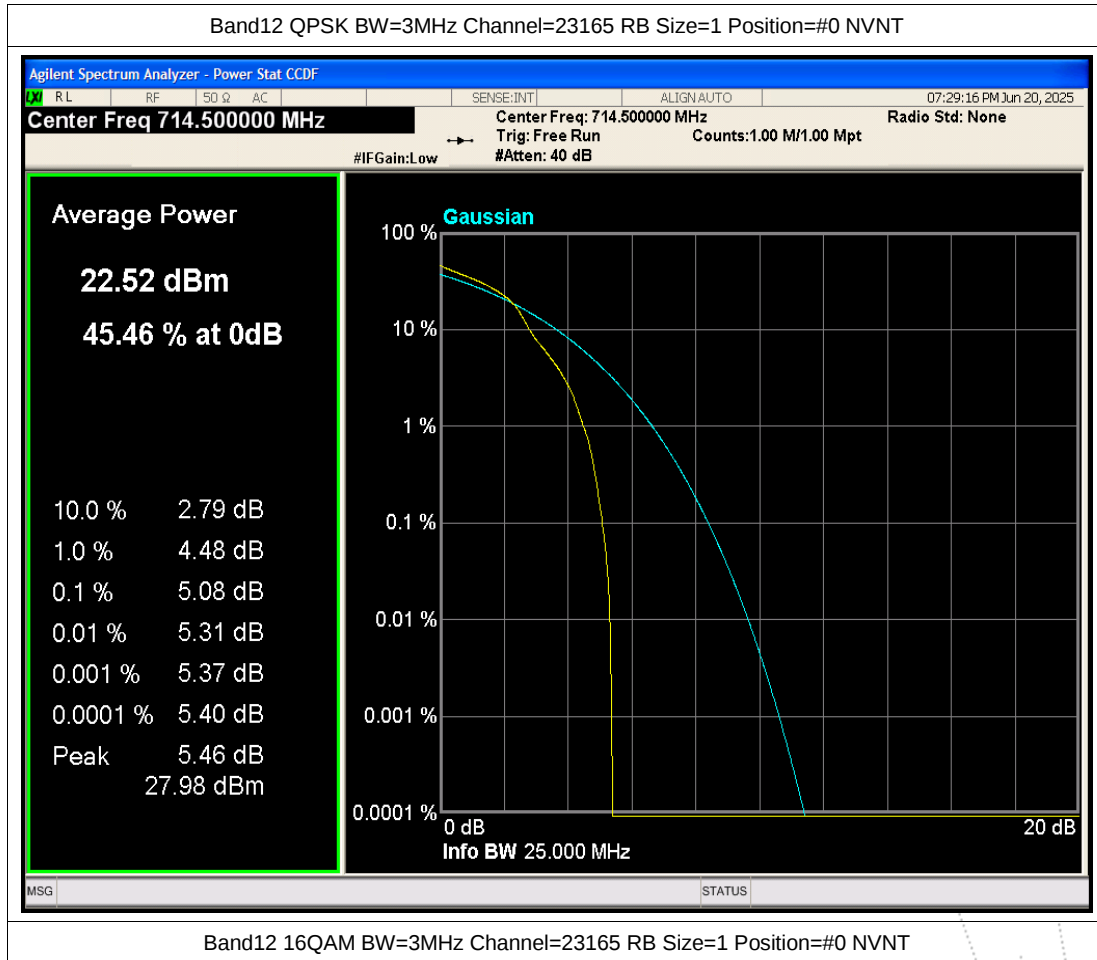


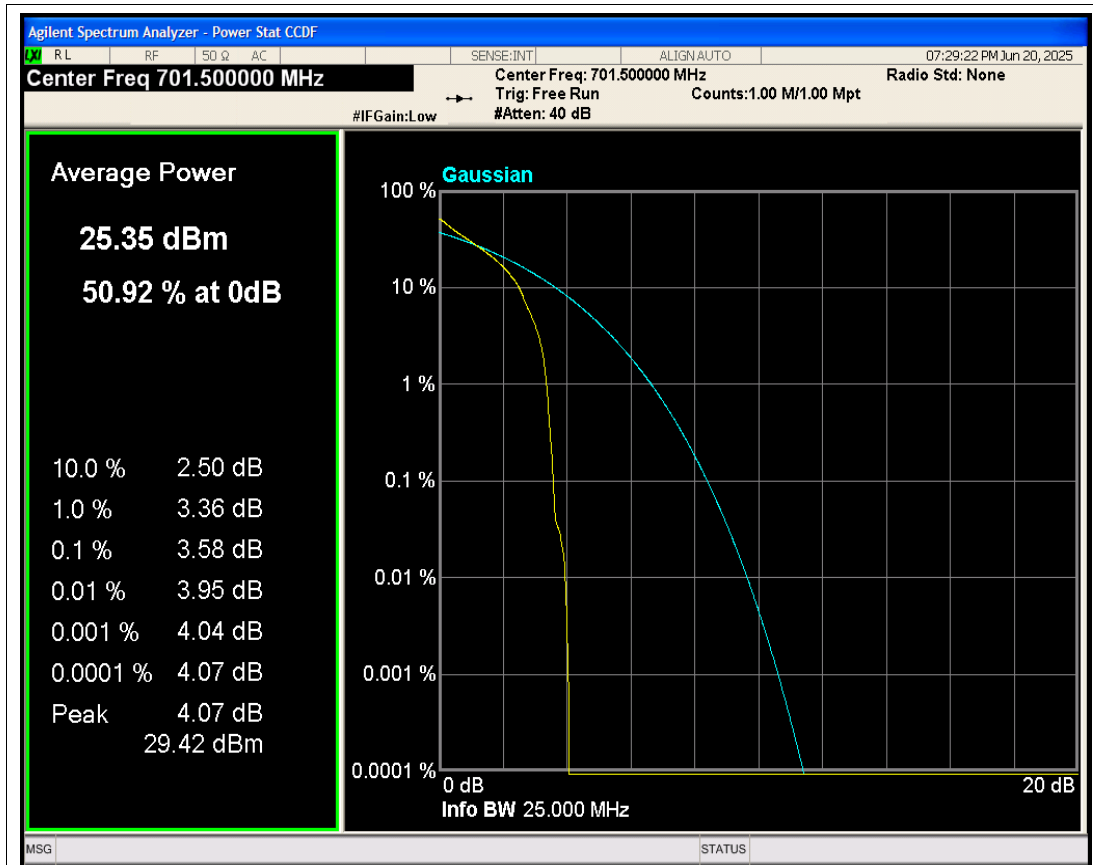




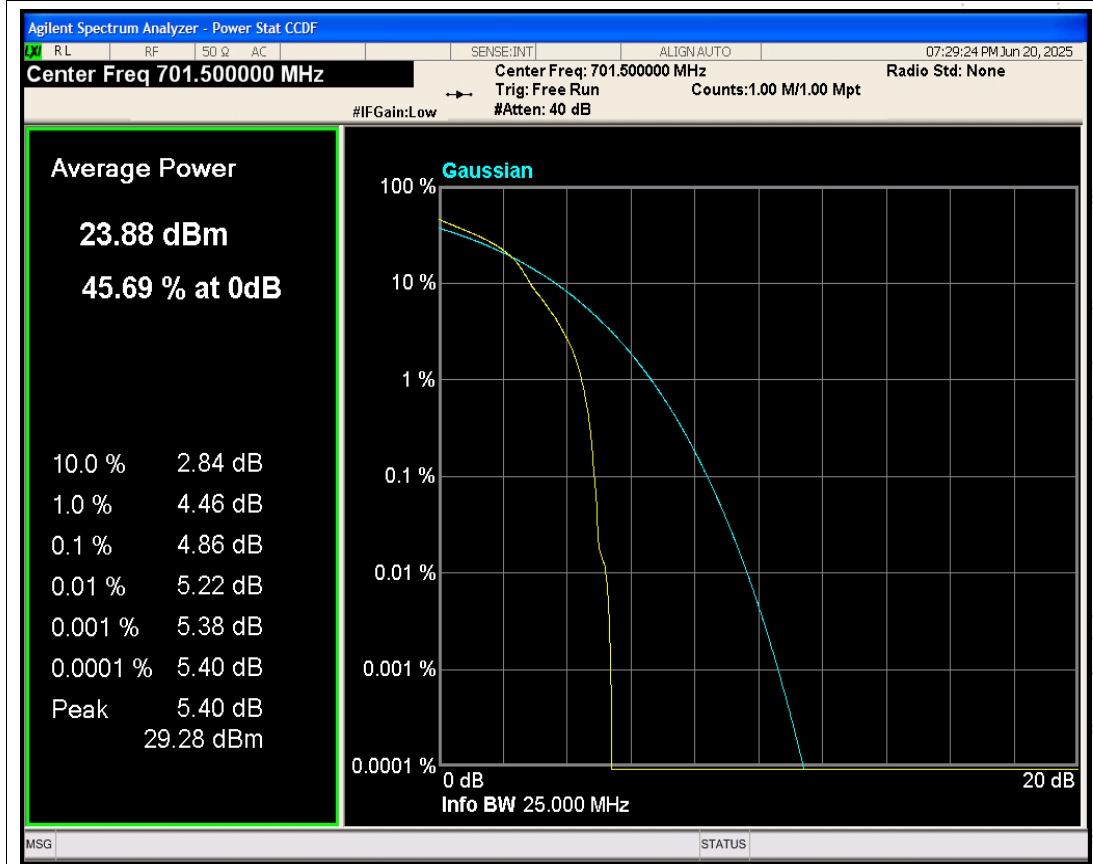
Band12 16QAM BW=3MHz Channel=23095 RB Size=1 Position=#0 NVNT

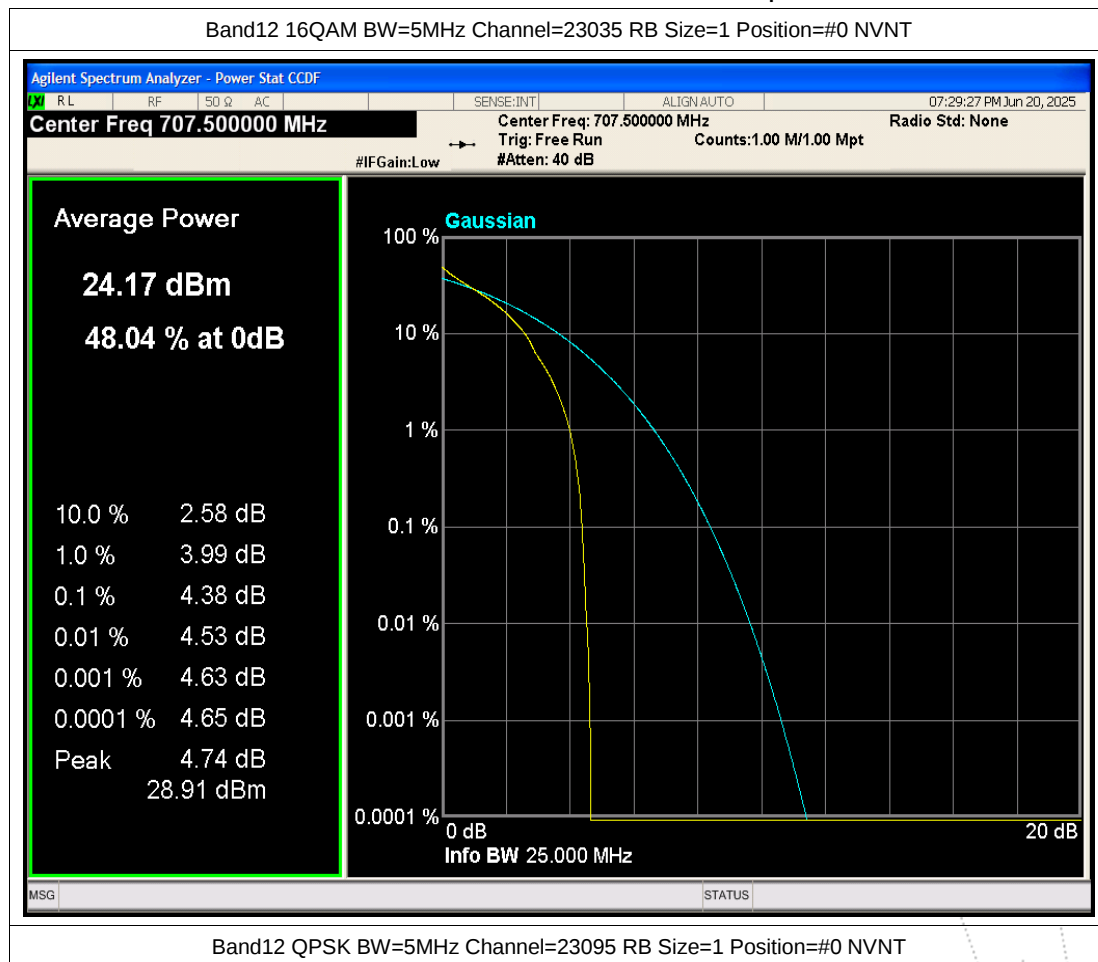


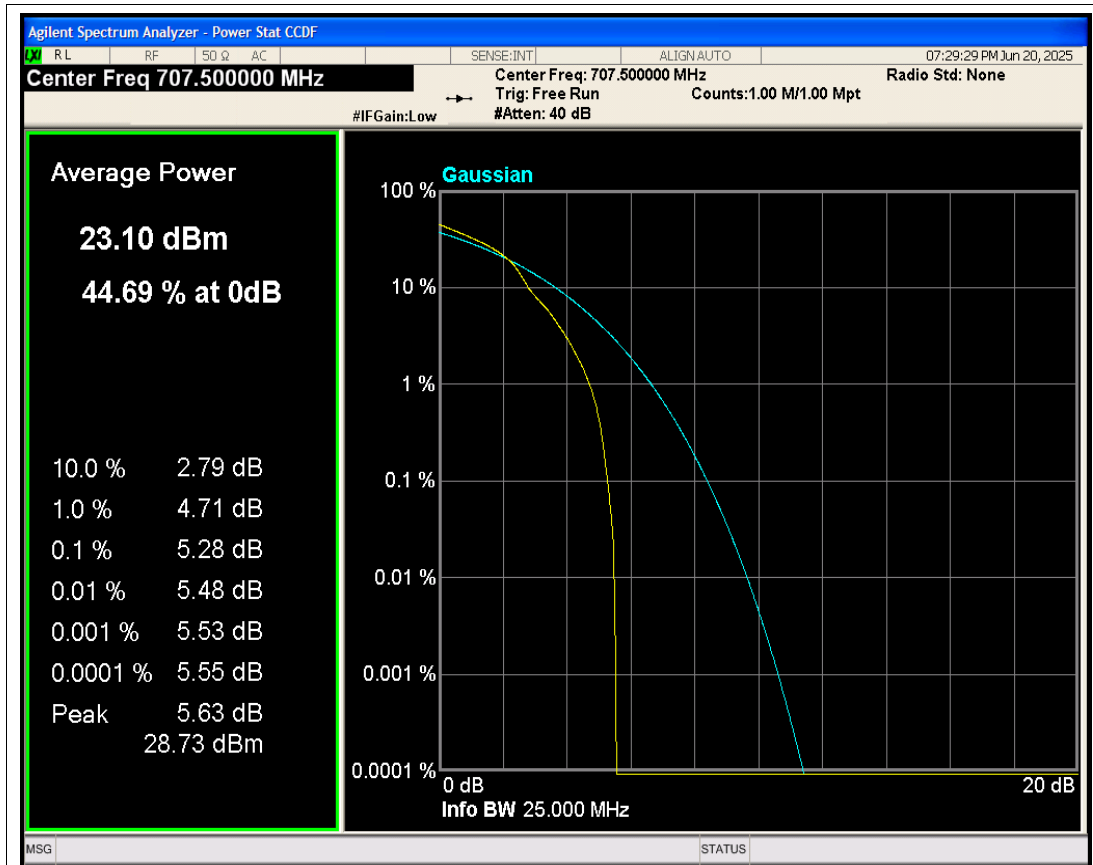




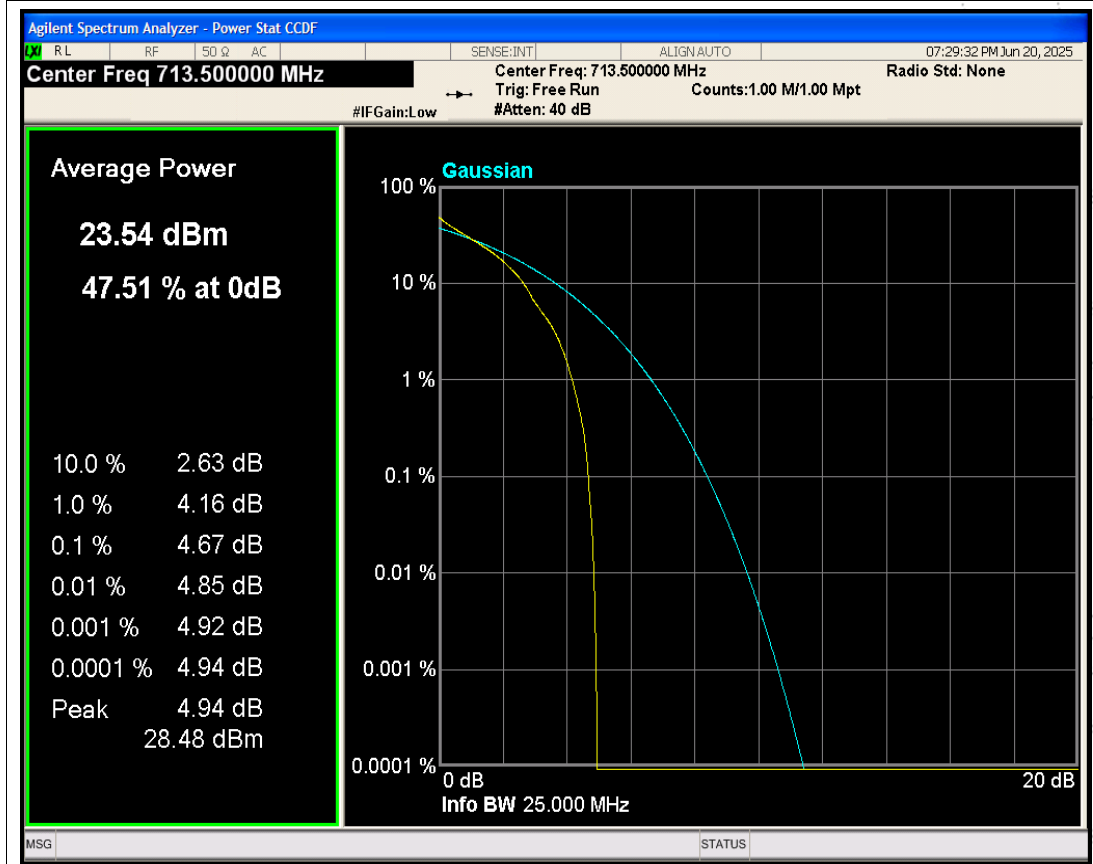
Band12 QPSK BW=5MHz Channel=23035 RB Size=1 Position=#0 NVNT

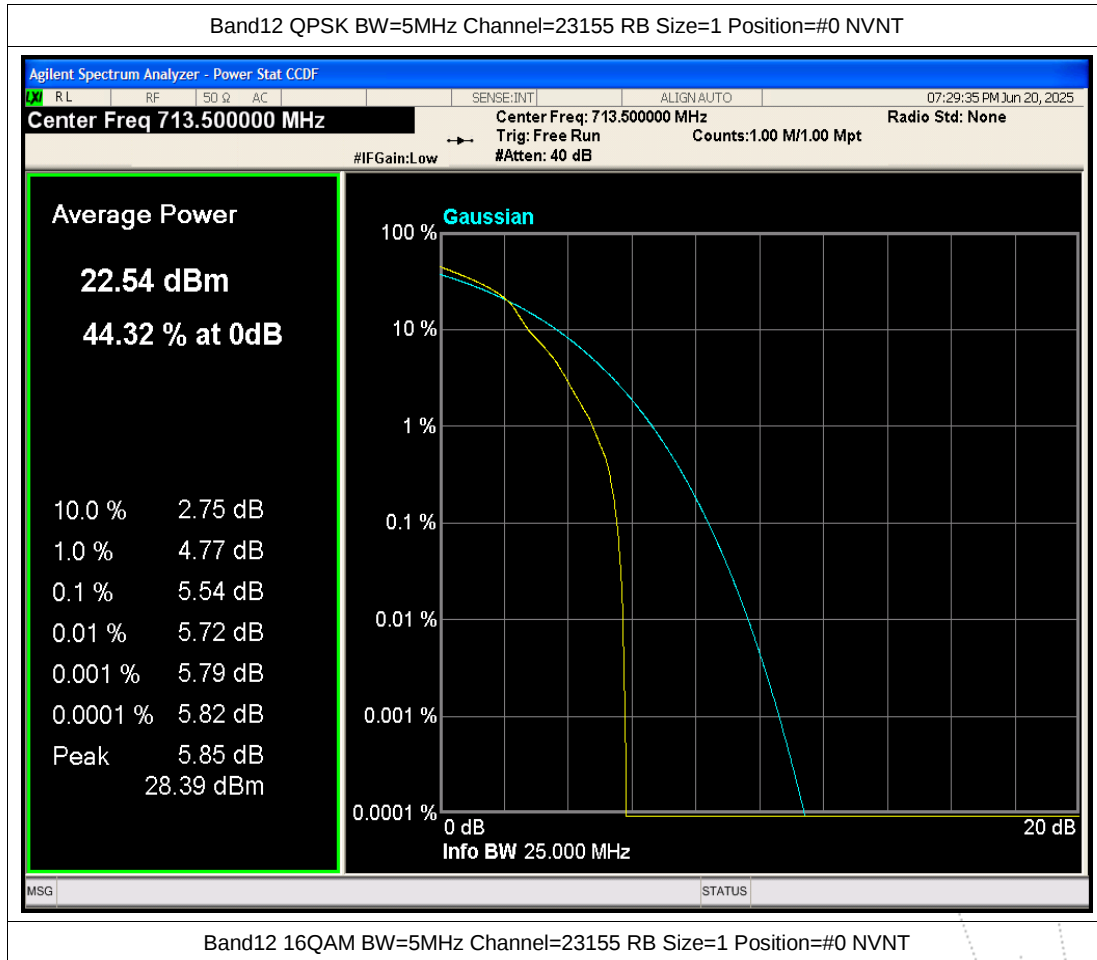


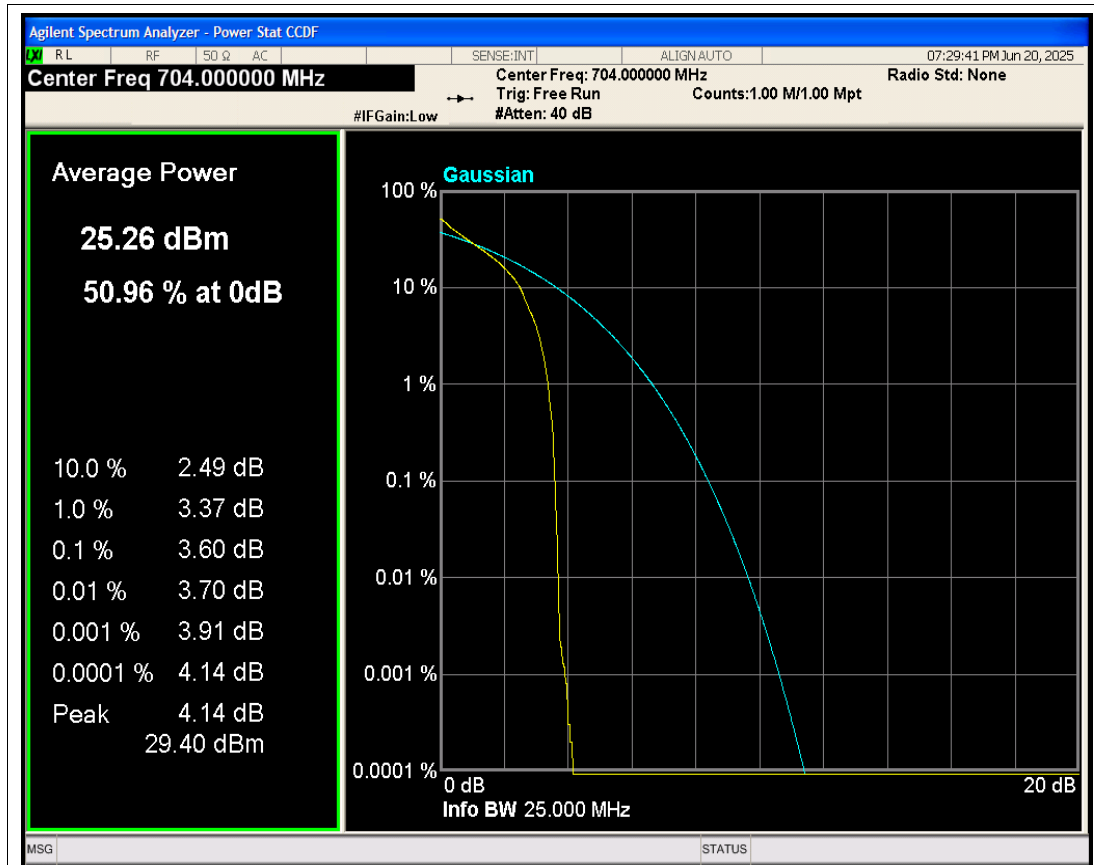




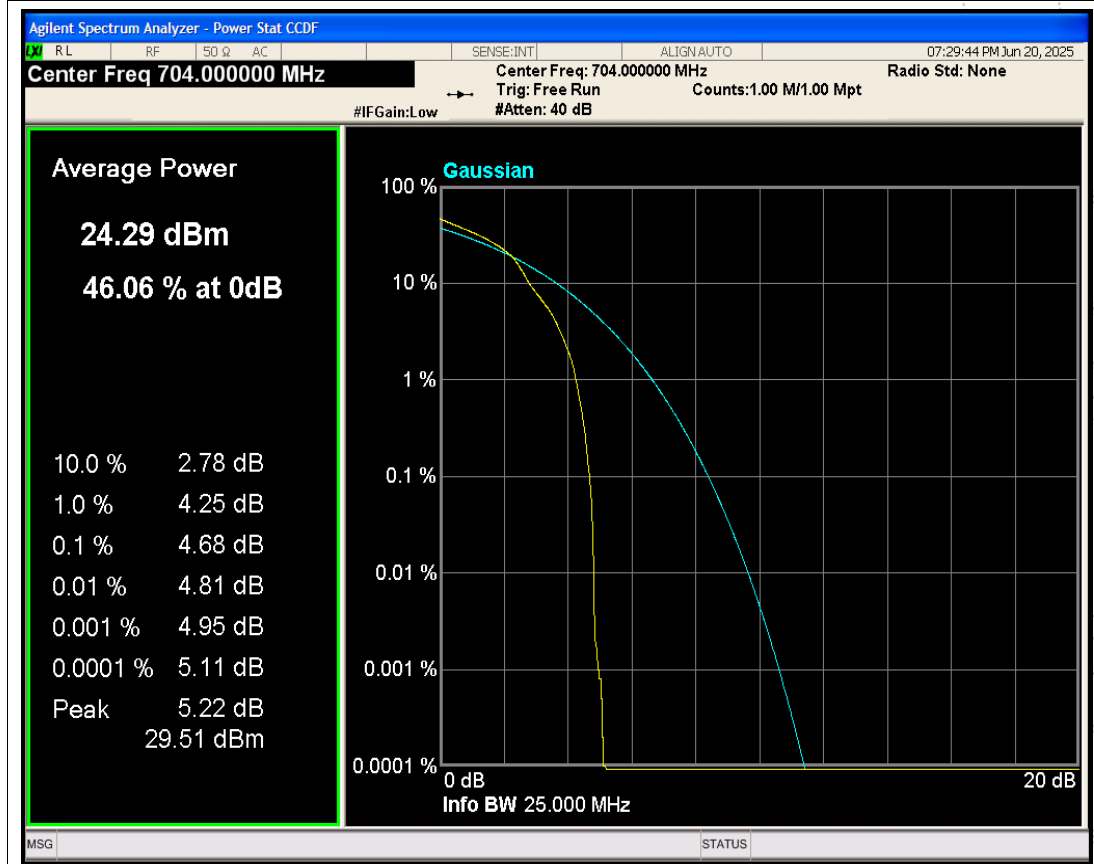
Band12 16QAM BW=5MHz Channel=23095 RB Size=1 Position=#0 NVNT

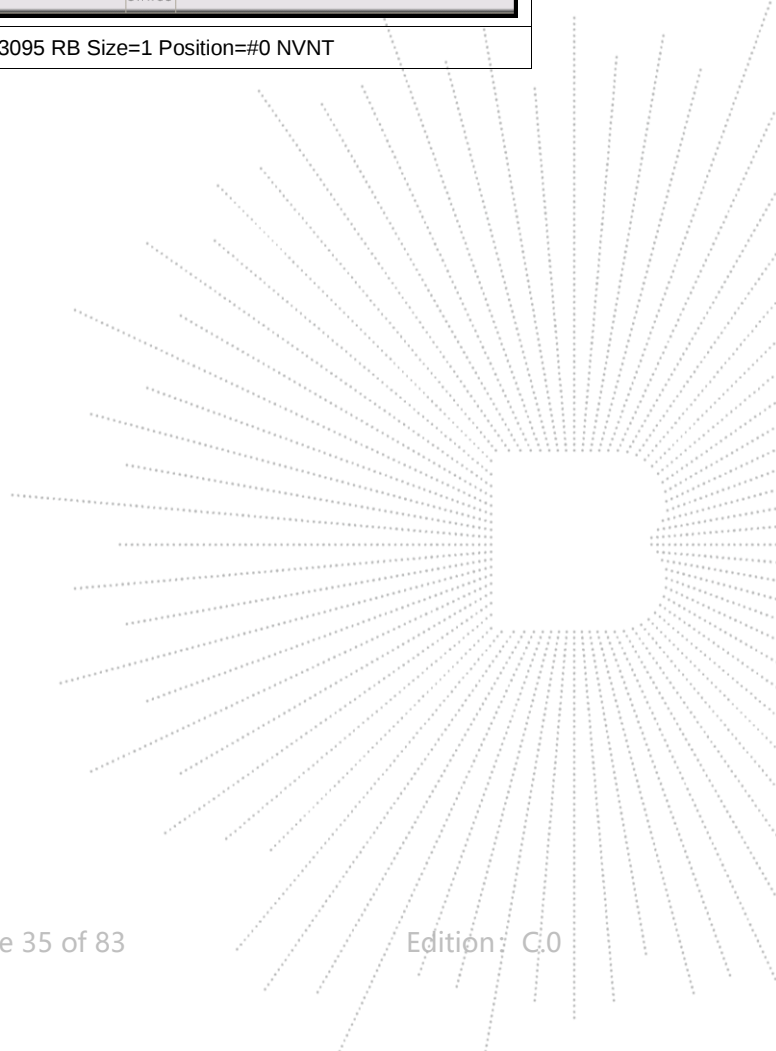
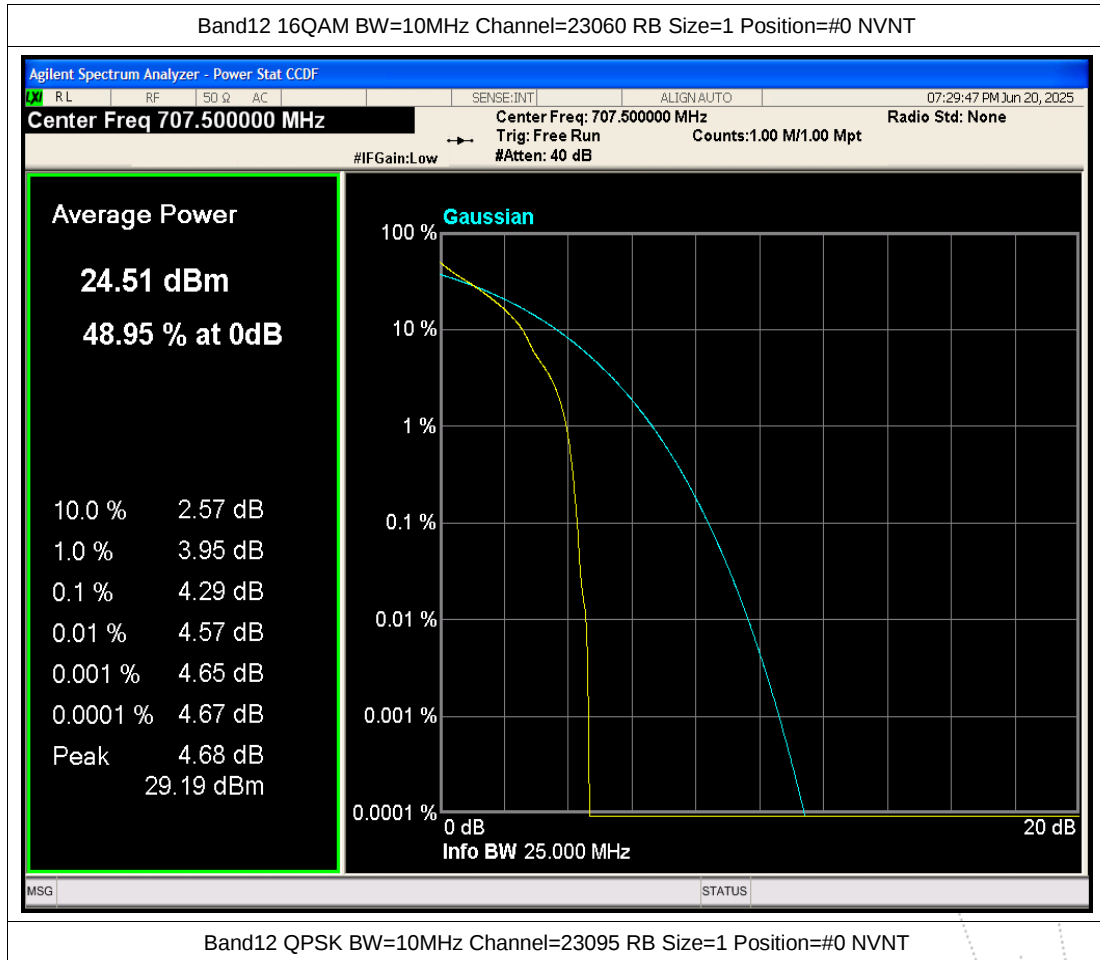


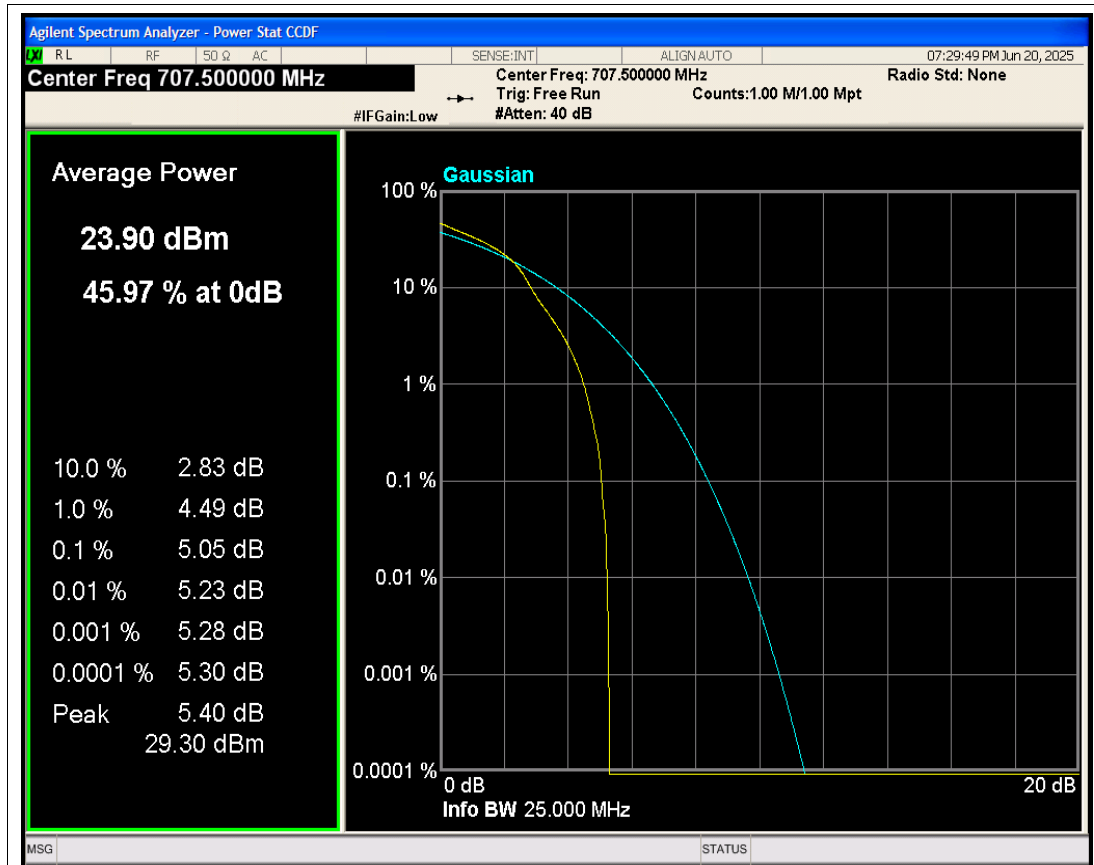




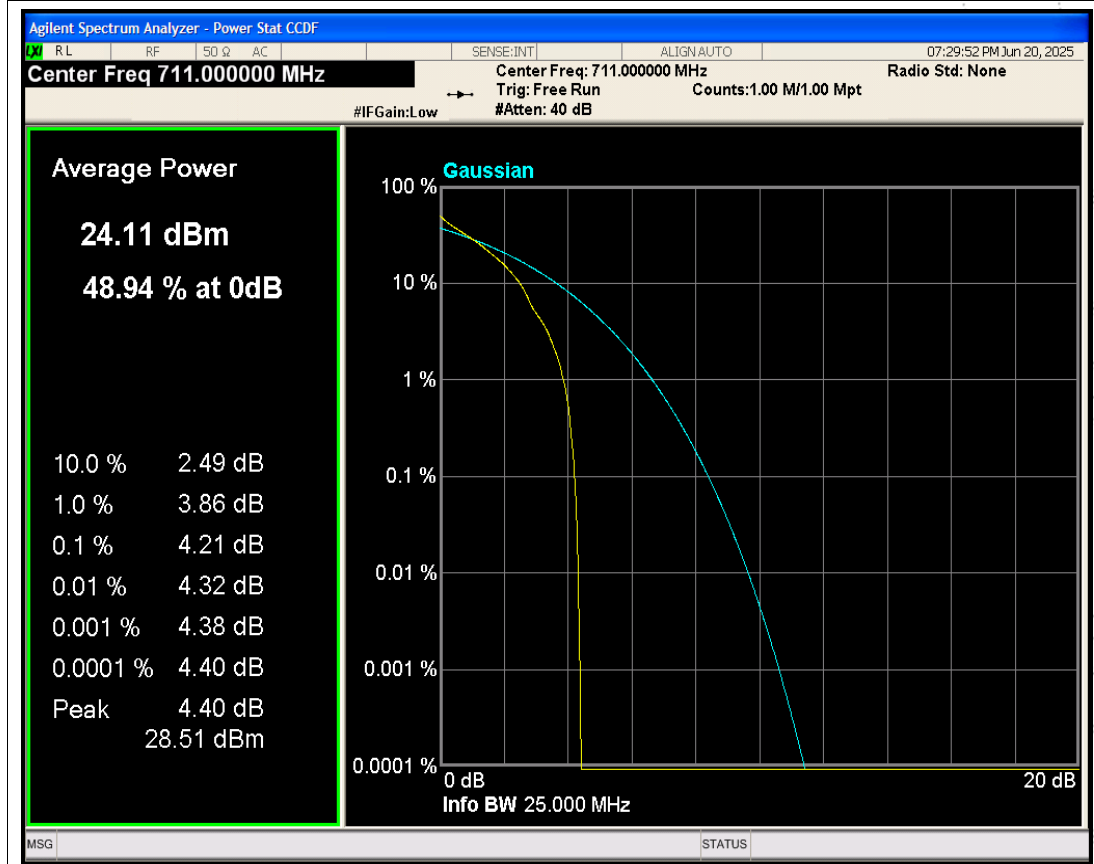
Band12 QPSK BW=10MHz Channel=23060 RB Size=1 Position=#0 NVNT

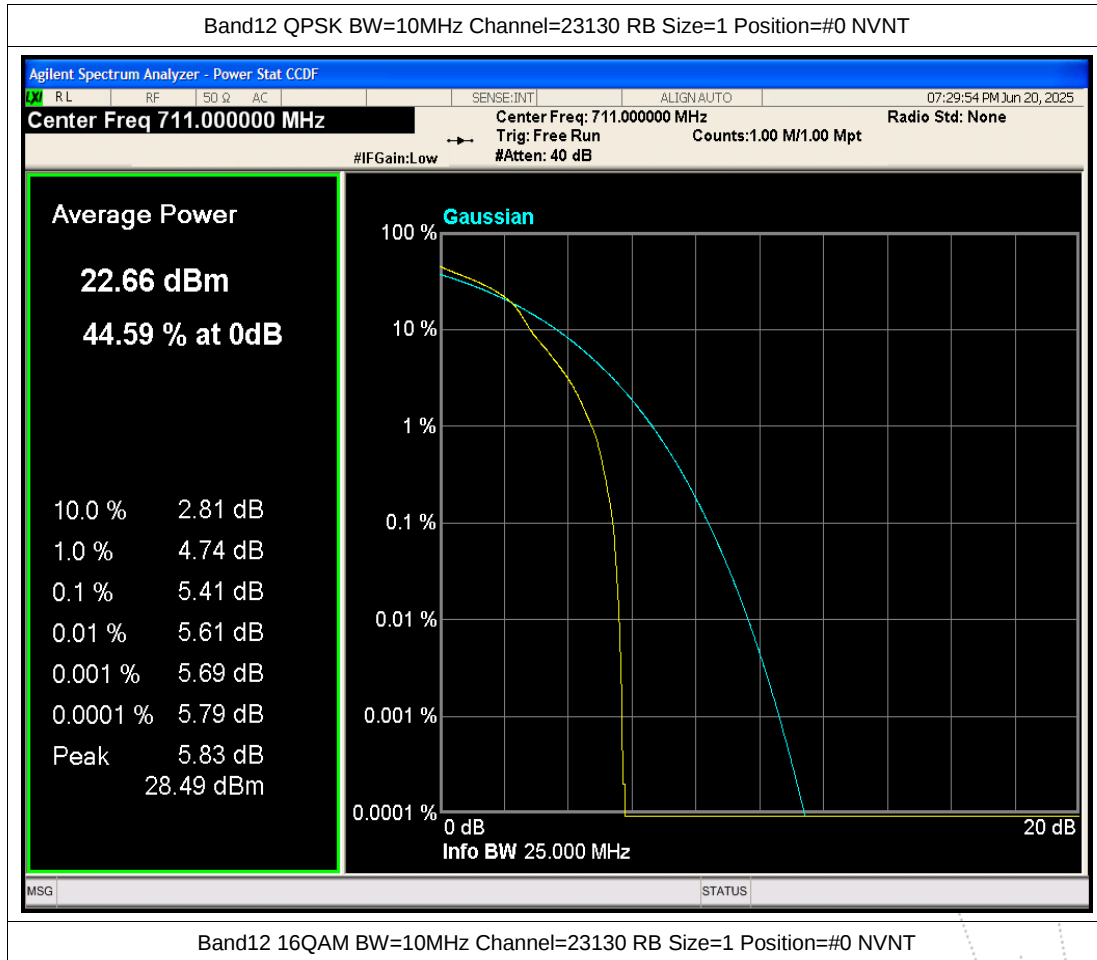






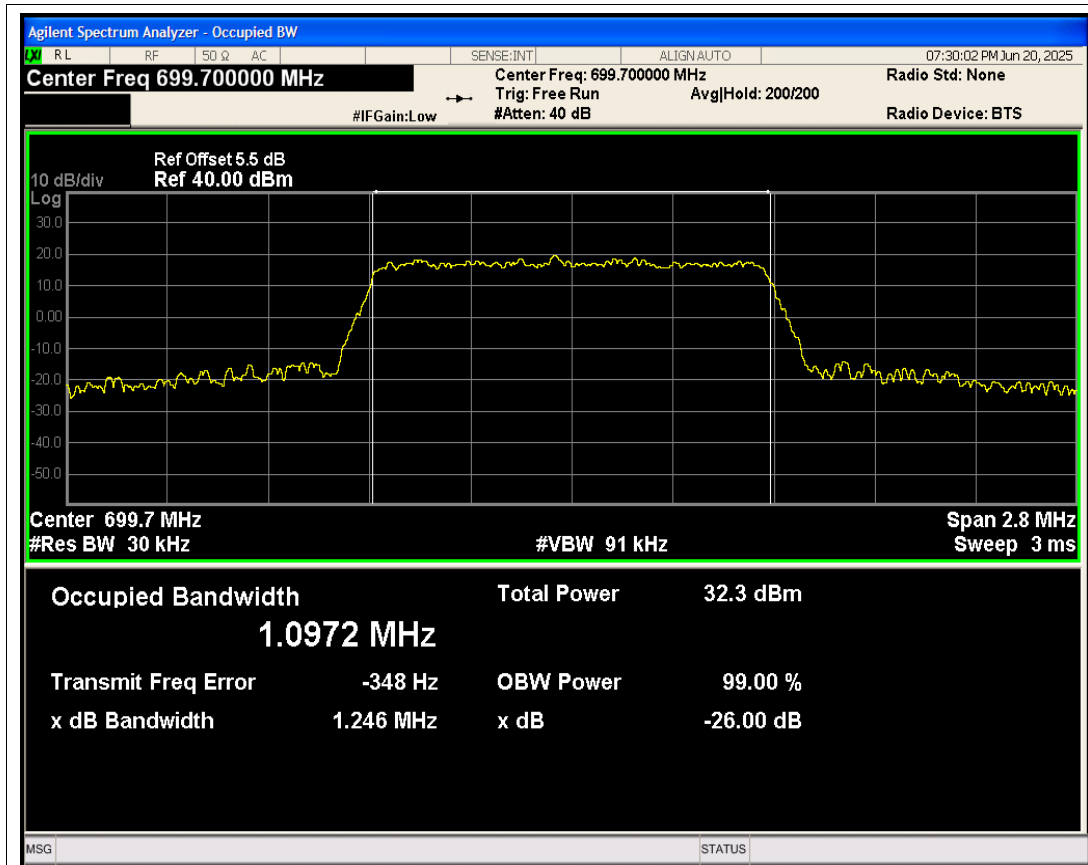
Band12 16QAM BW=10MHz Channel=23095 RB Size=1 Position=#0 NVNT



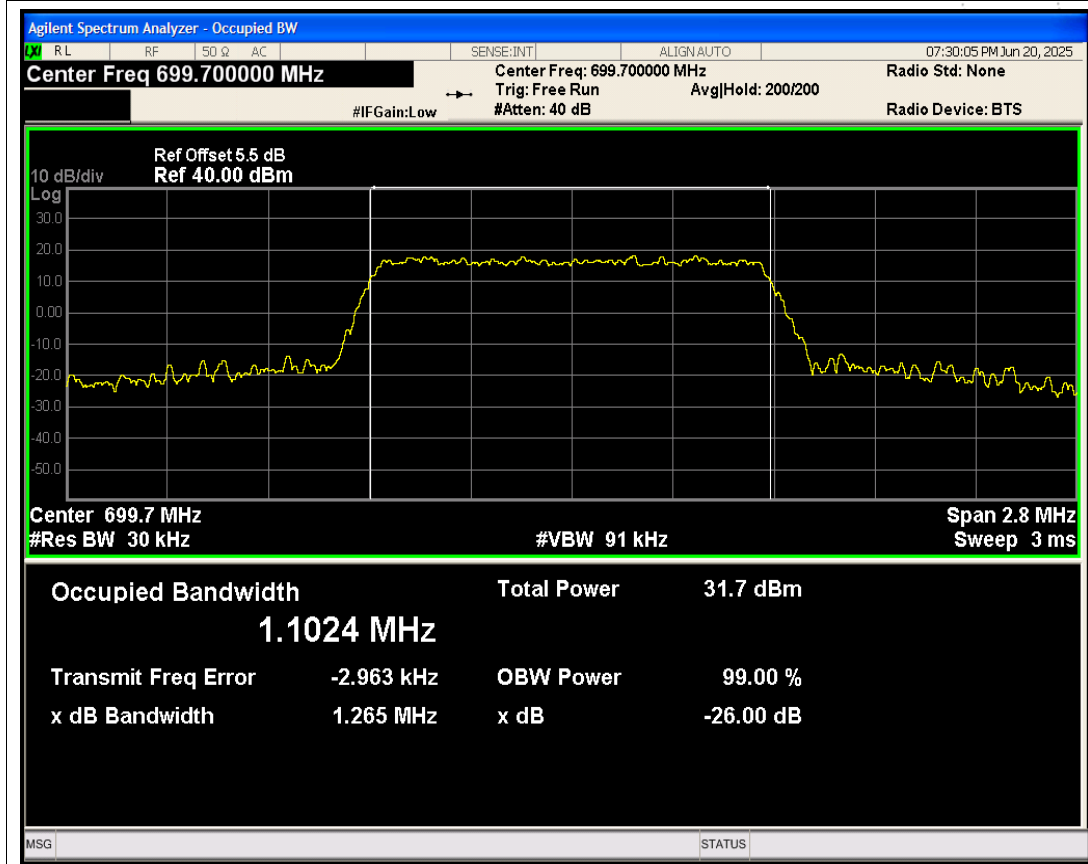


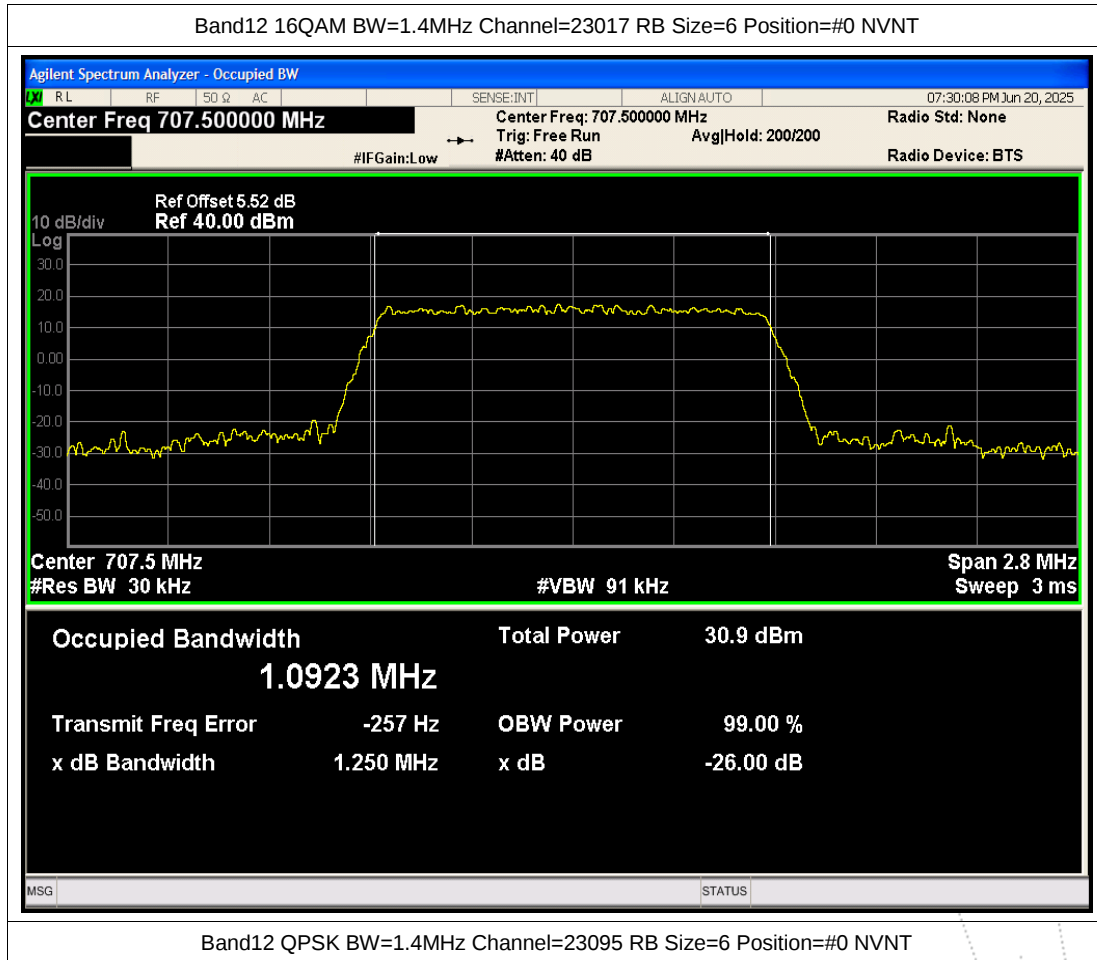
Appendix 4.Occupied bandwidth

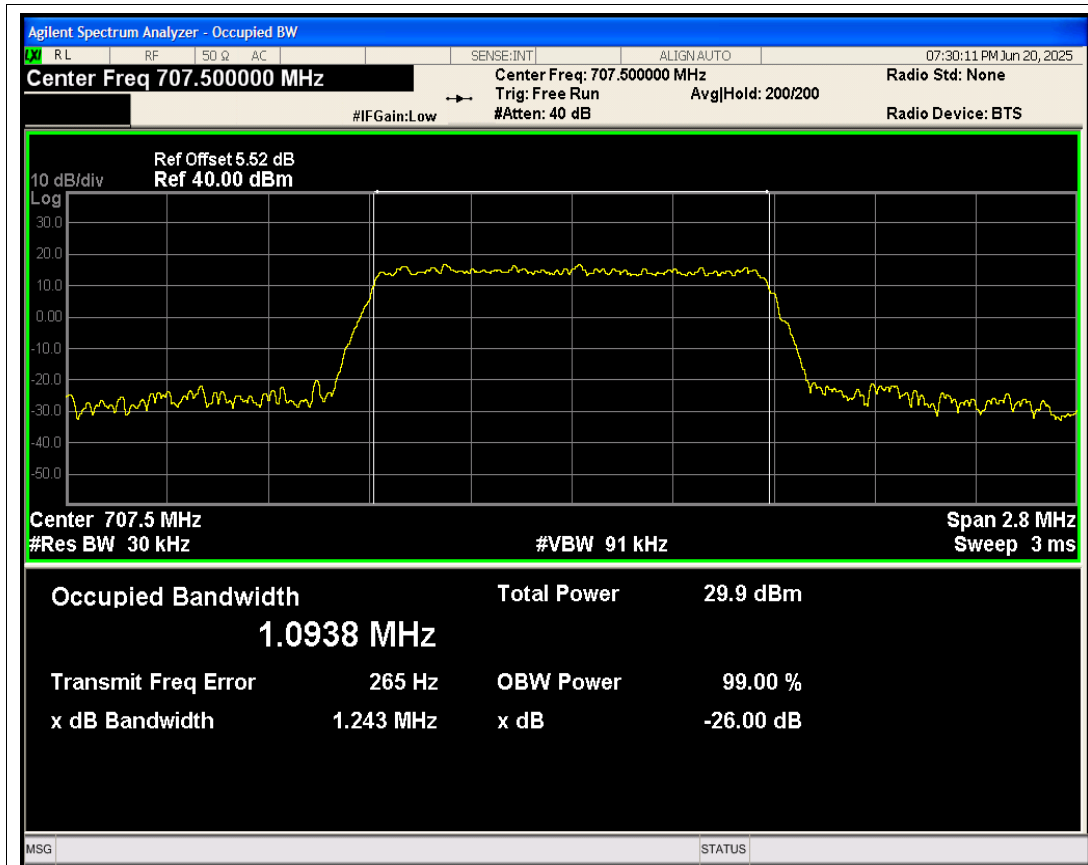
Condition	Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
NVNT	Band12	1.4	23017	6	#0	QPSK	1.097	1.246	PASS
NVNT	Band12	1.4	23017	6	#0	16QAM	1.102	1.265	PASS
NVNT	Band12	1.4	23095	6	#0	QPSK	1.092	1.250	PASS
NVNT	Band12	1.4	23095	6	#0	16QAM	1.094	1.243	PASS
NVNT	Band12	1.4	23173	6	#0	QPSK	1.096	1.240	PASS
NVNT	Band12	1.4	23173	6	#0	16QAM	1.096	1.240	PASS
NVNT	Band12	3	23025	15	#0	QPSK	2.712	3.046	PASS
NVNT	Band12	3	23025	15	#0	16QAM	2.717	3.023	PASS
NVNT	Band12	3	23095	15	#0	QPSK	2.721	3.022	PASS
NVNT	Band12	3	23095	15	#0	16QAM	2.708	3.029	PASS
NVNT	Band12	3	23165	15	#0	QPSK	2.713	3.026	PASS
NVNT	Band12	3	23165	15	#0	16QAM	2.711	3.011	PASS
NVNT	Band12	5	23035	25	#0	QPSK	4.531	4.947	PASS
NVNT	Band12	5	23035	25	#0	16QAM	4.514	4.967	PASS
NVNT	Band12	5	23095	25	#0	QPSK	4.494	4.925	PASS
NVNT	Band12	5	23095	25	#0	16QAM	4.506	4.983	PASS
NVNT	Band12	5	23155	25	#0	QPSK	4.512	4.959	PASS
NVNT	Band12	5	23155	25	#0	16QAM	4.523	5.001	PASS
NVNT	Band12	10	23060	50	#0	QPSK	9.031	9.871	PASS
NVNT	Band12	10	23060	50	#0	16QAM	8.999	9.758	PASS
NVNT	Band12	10	23095	50	#0	QPSK	8.956	9.860	PASS
NVNT	Band12	10	23095	50	#0	16QAM	8.967	9.860	PASS
NVNT	Band12	10	23130	50	#0	QPSK	9.038	9.956	PASS
NVNT	Band12	10	23130	50	#0	16QAM	9.006	9.876	PASS



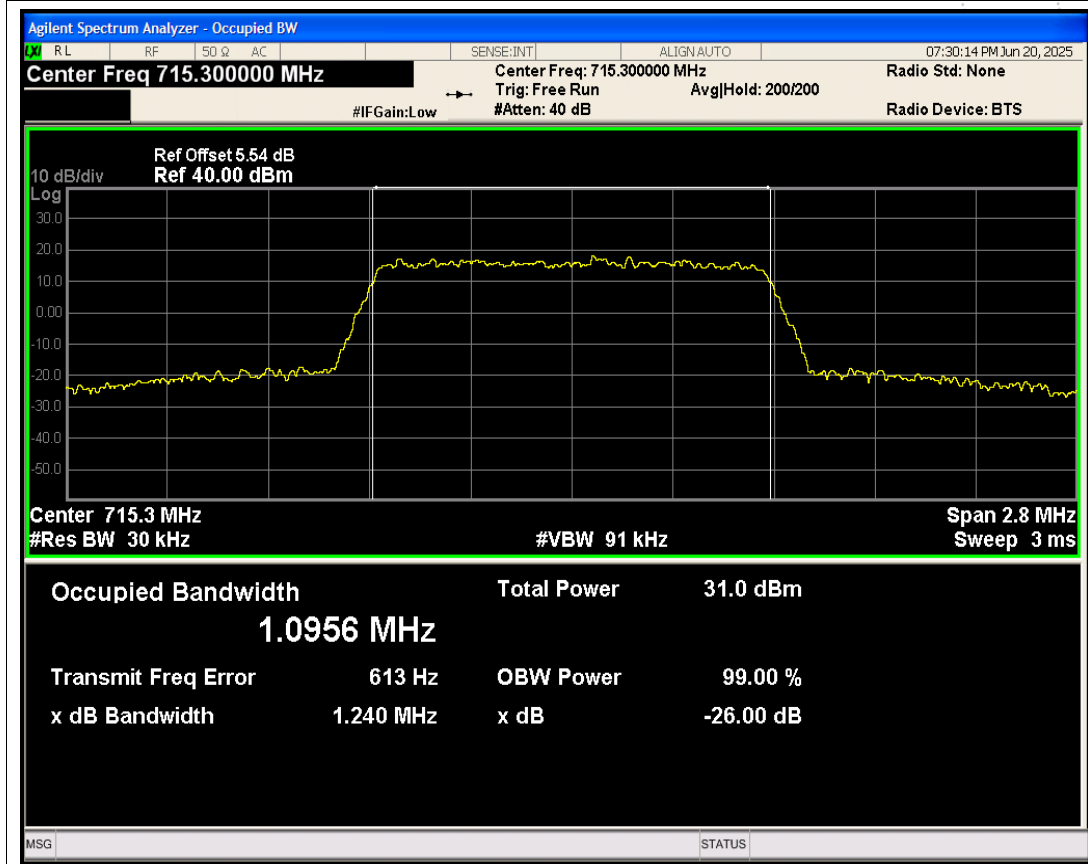
Band12 QPSK BW=1.4MHz Channel=23017 RB Size=6 Position=#0 NVNT

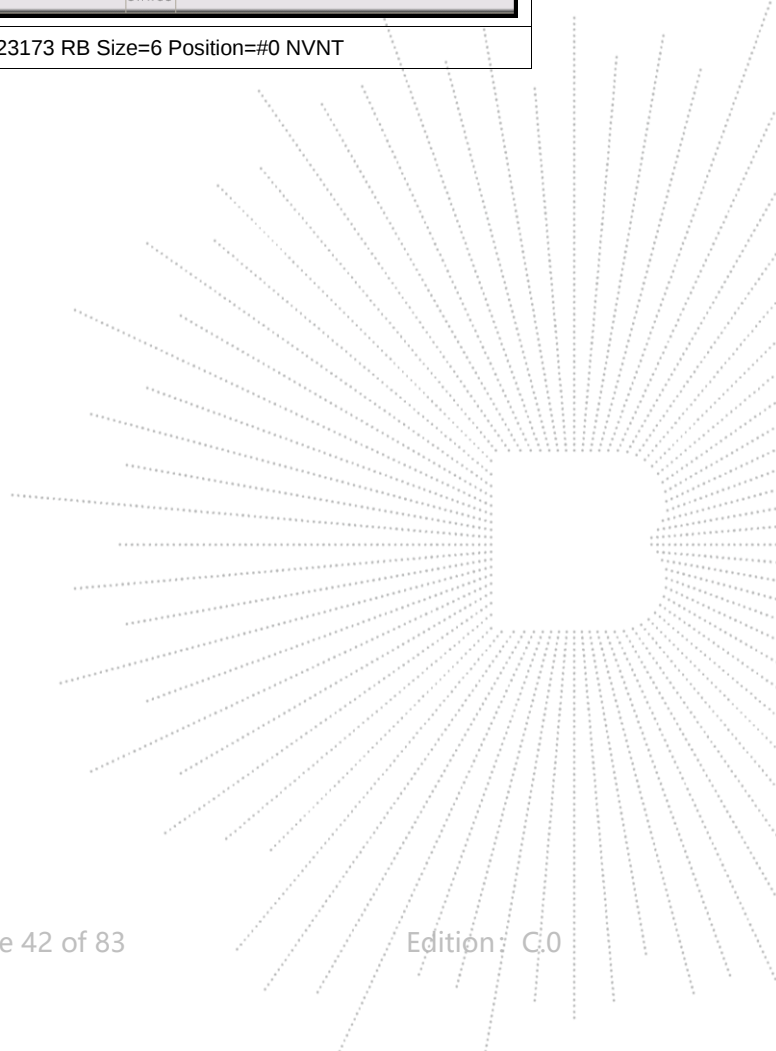
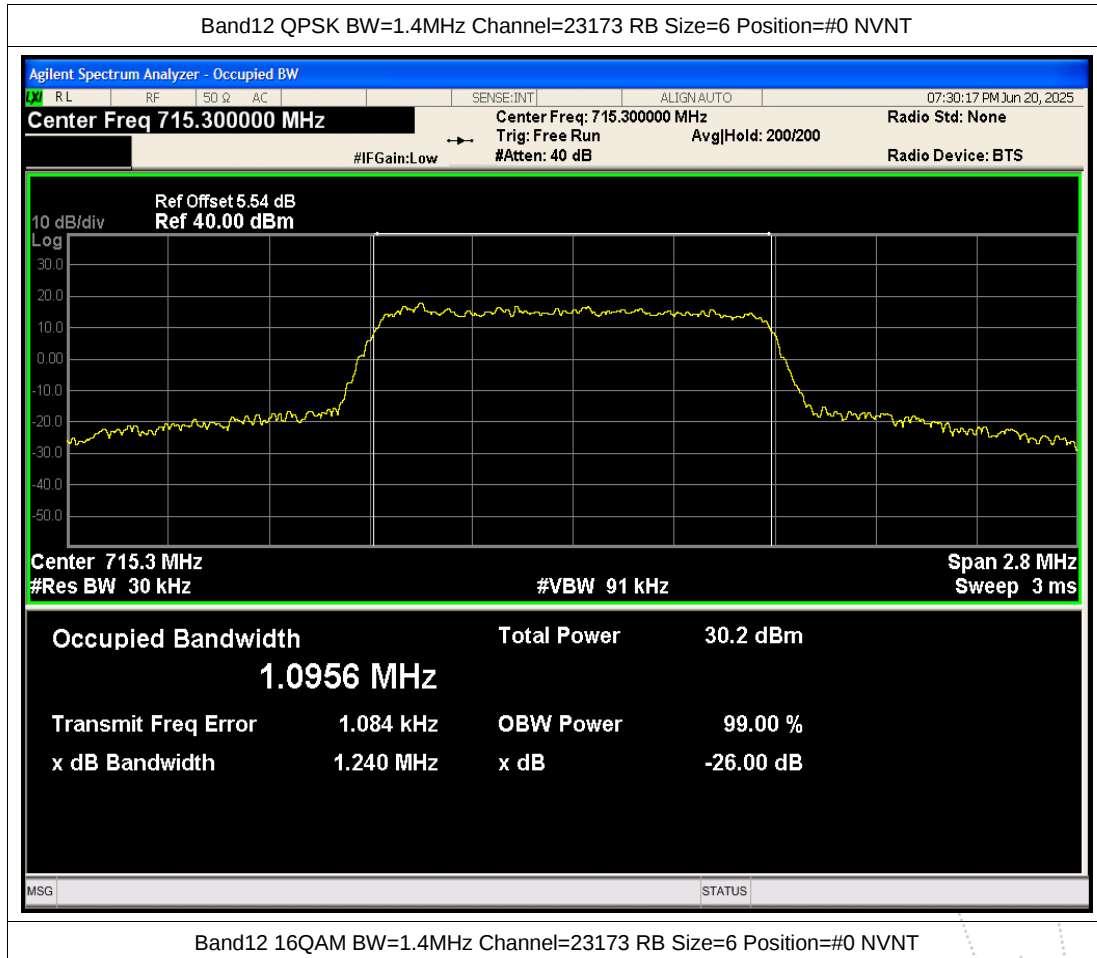


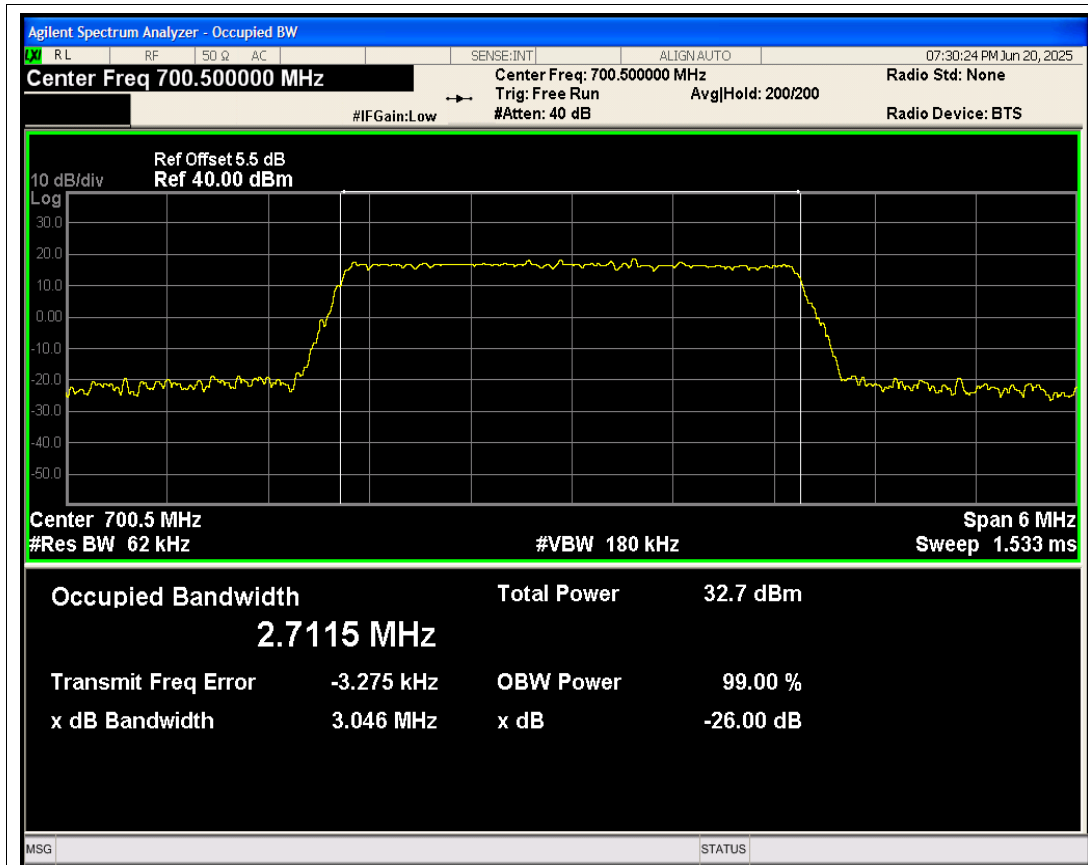




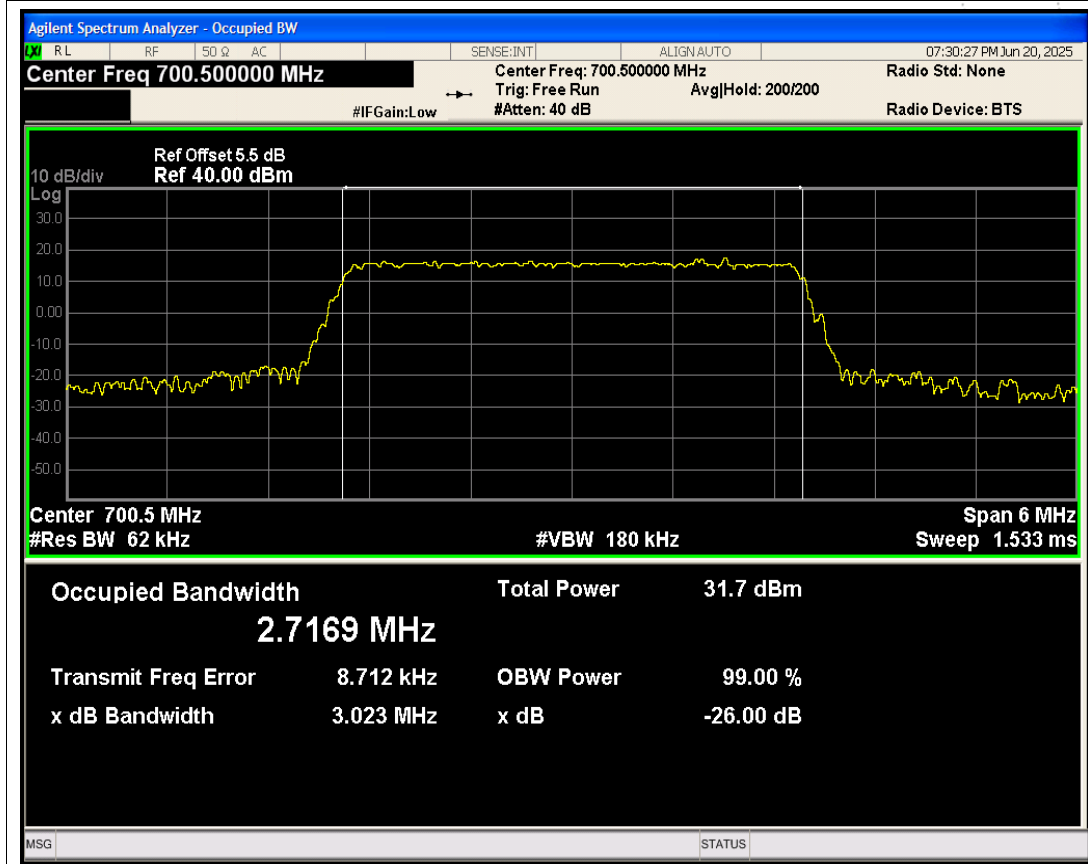
Band12 16QAM BW=1.4MHz Channel=23095 RB Size=6 Position=#0 NVNT

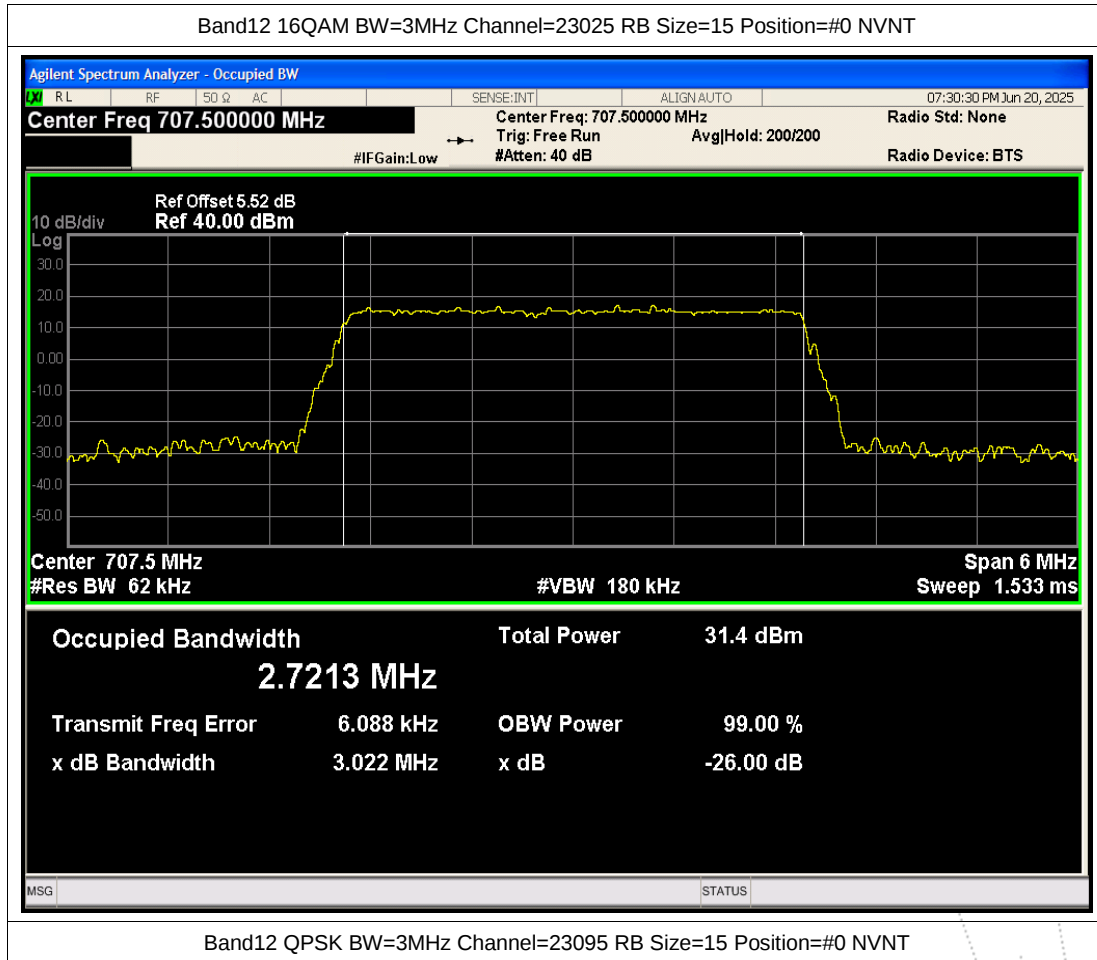


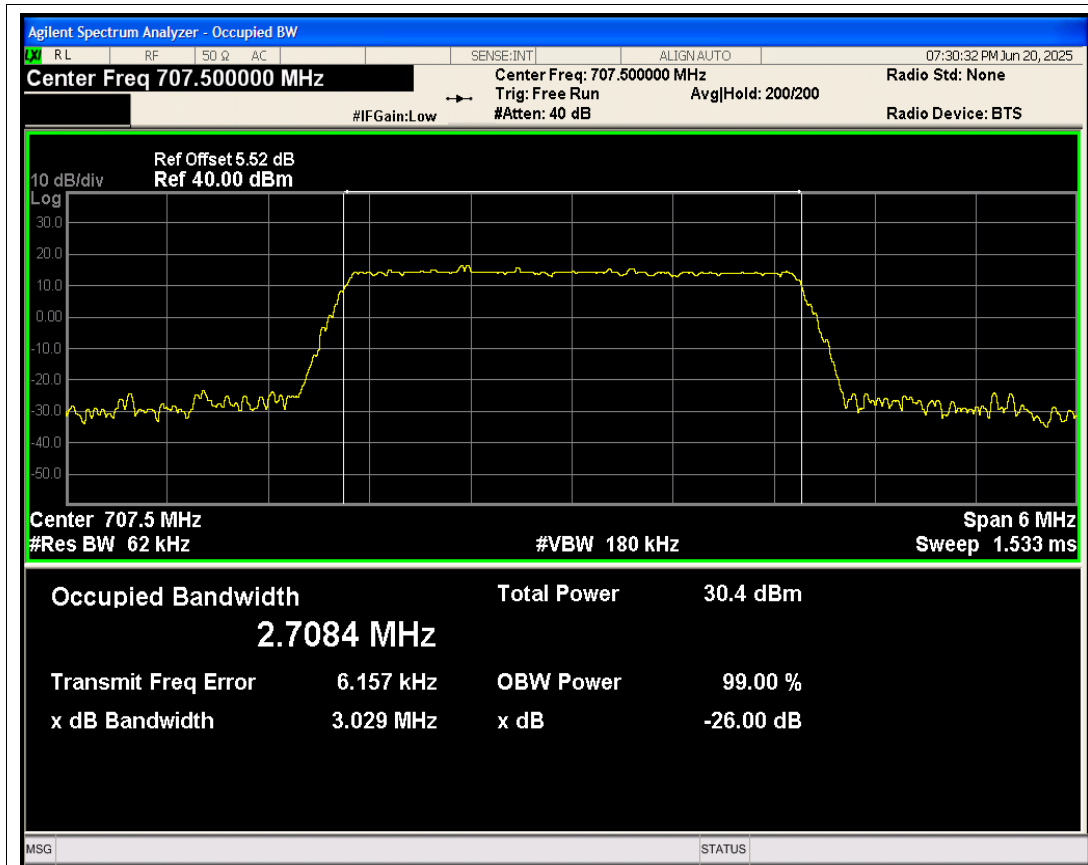




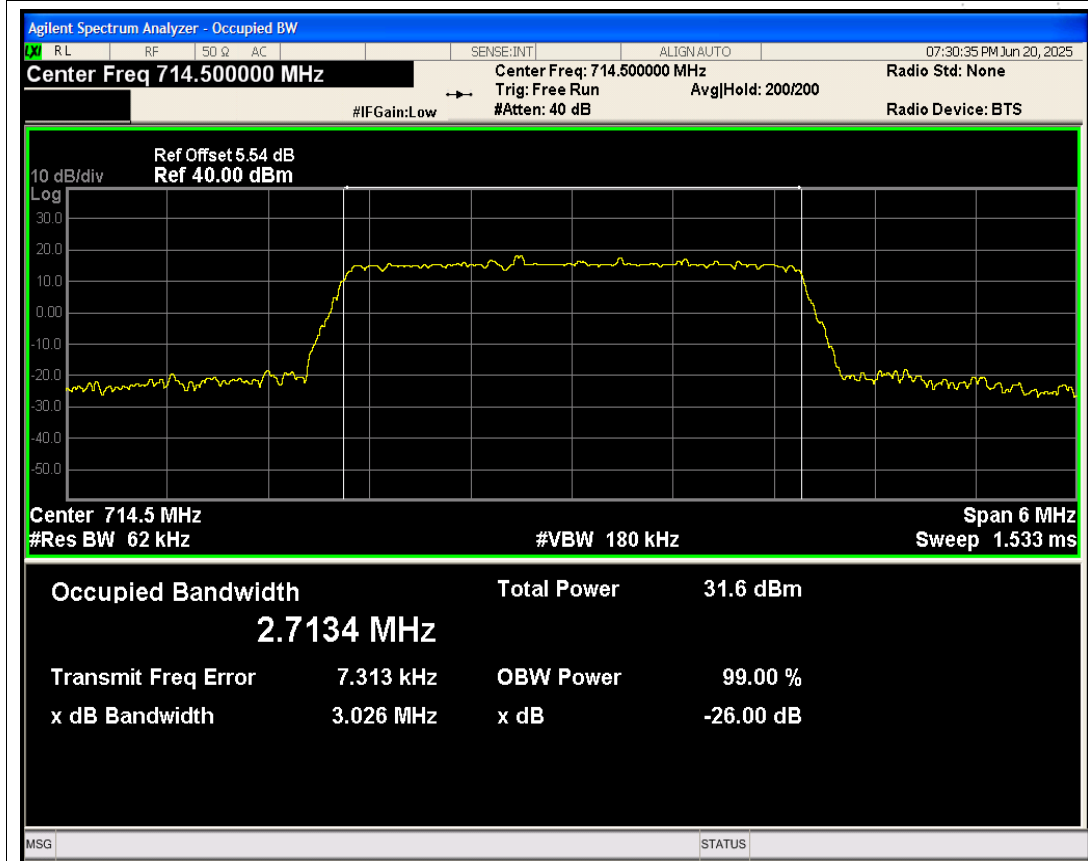
Band12 QPSK BW=3MHz Channel=23025 RB Size=15 Position=#0 NVNT





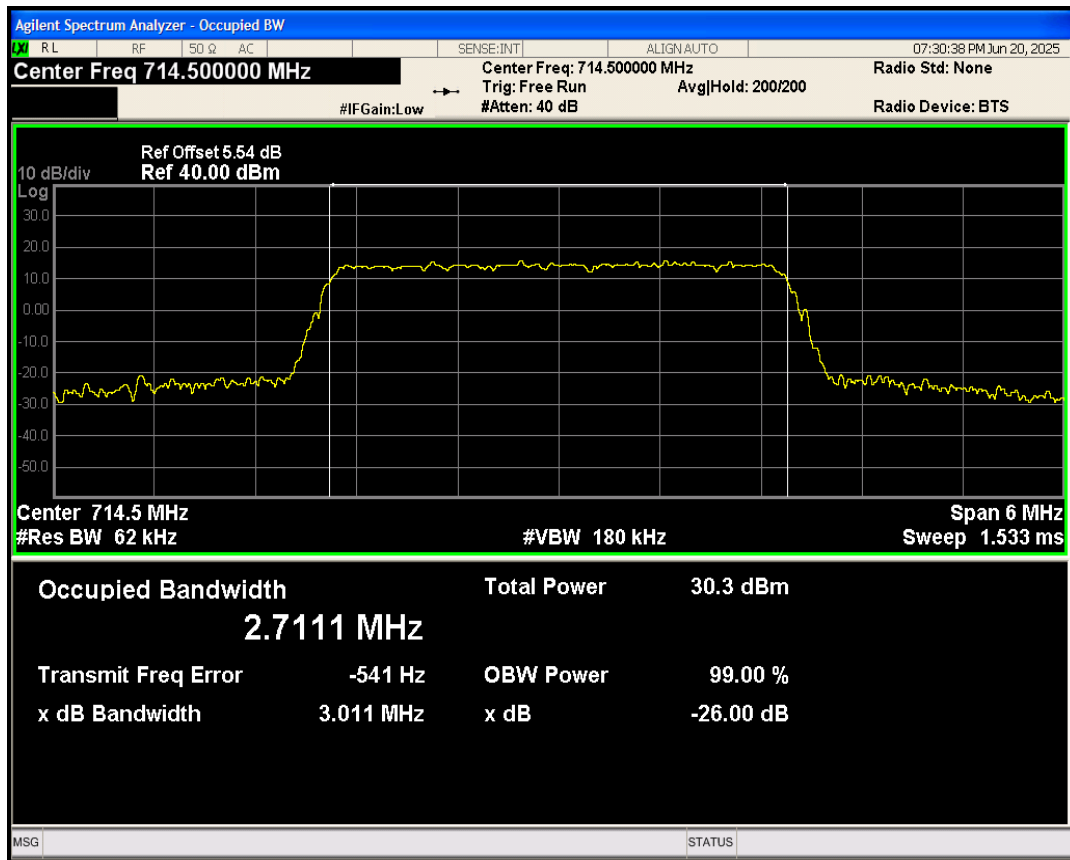


Band12 16QAM BW=3MHz Channel=23095 RB Size=15 Position=#0 NVNT

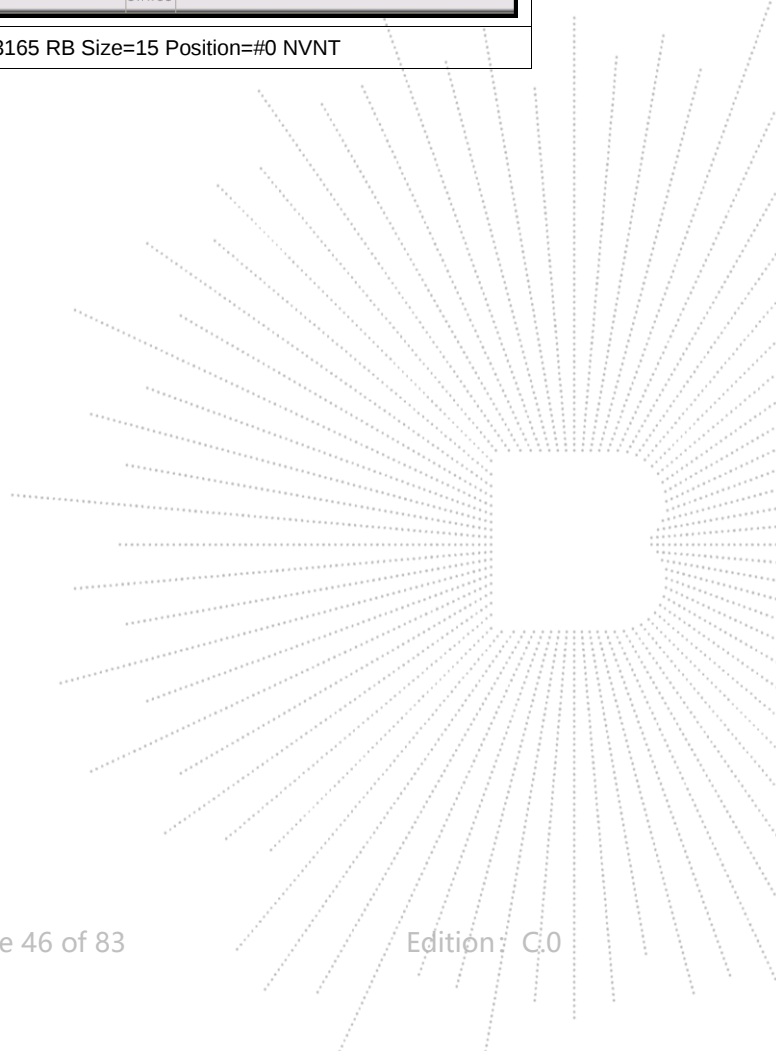


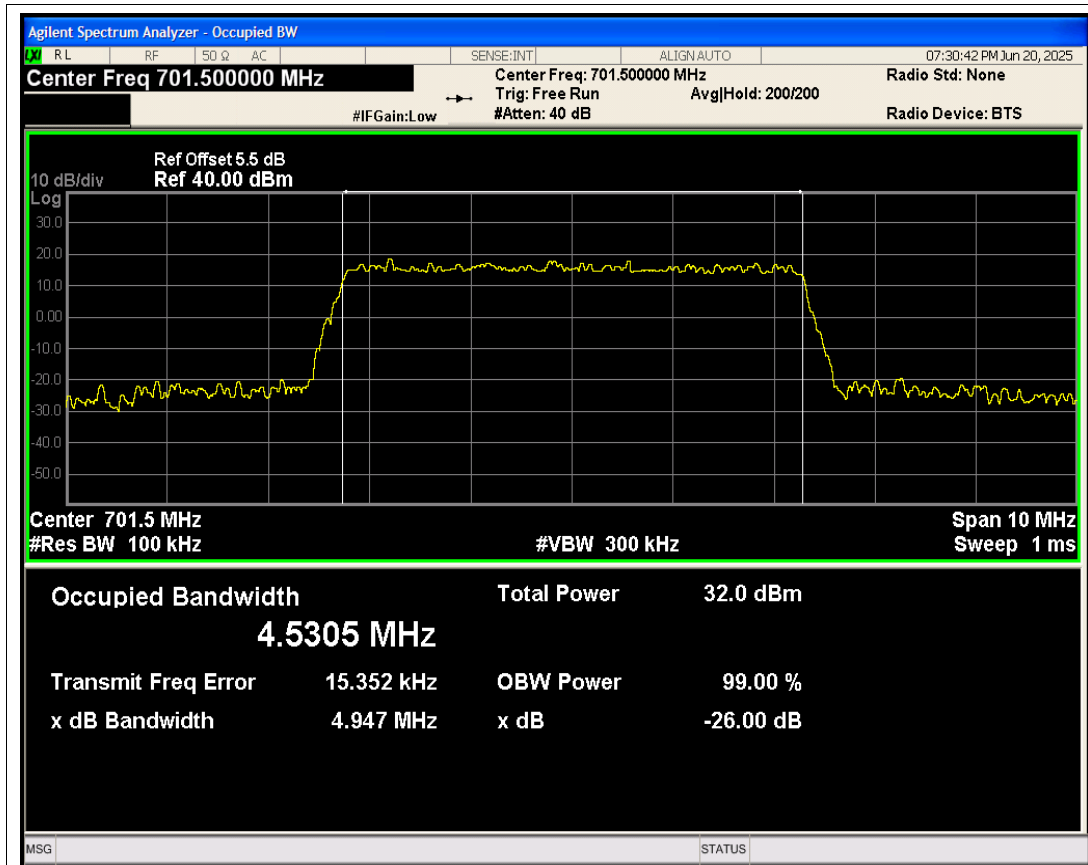


Band12 QPSK BW=3MHz Channel=23165 RB Size=15 Position=#0 NVNT

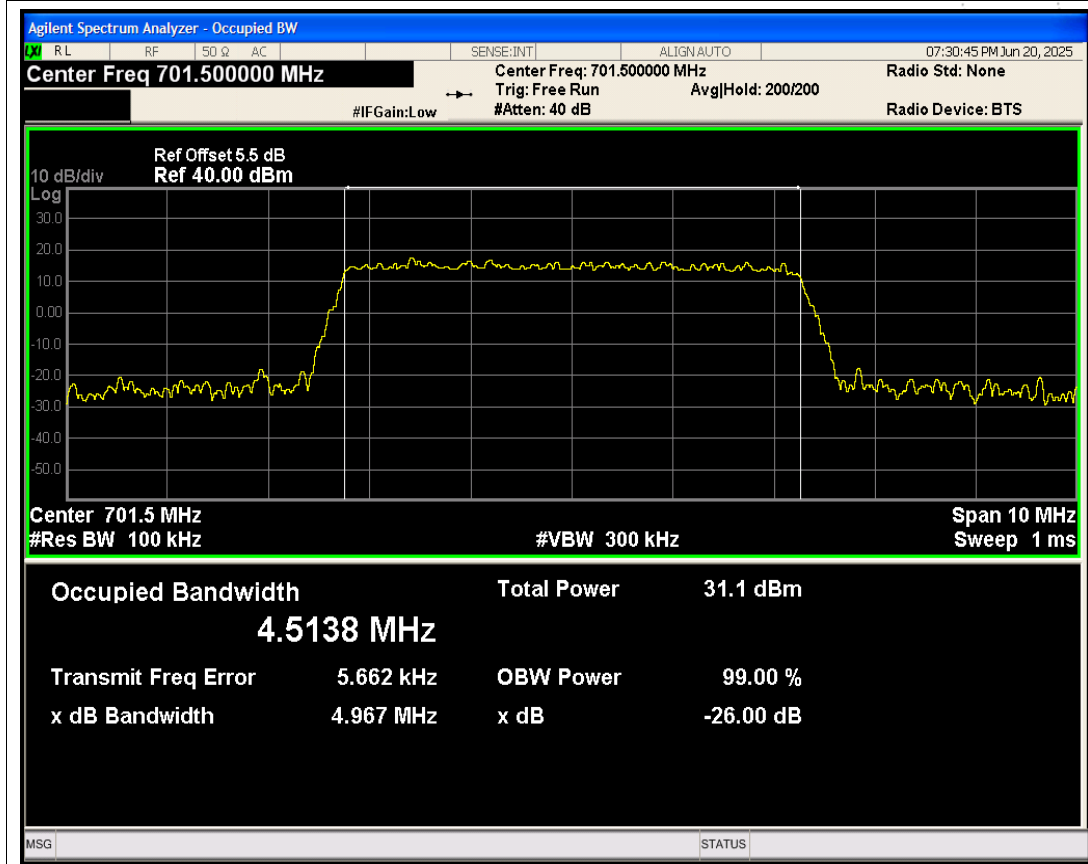


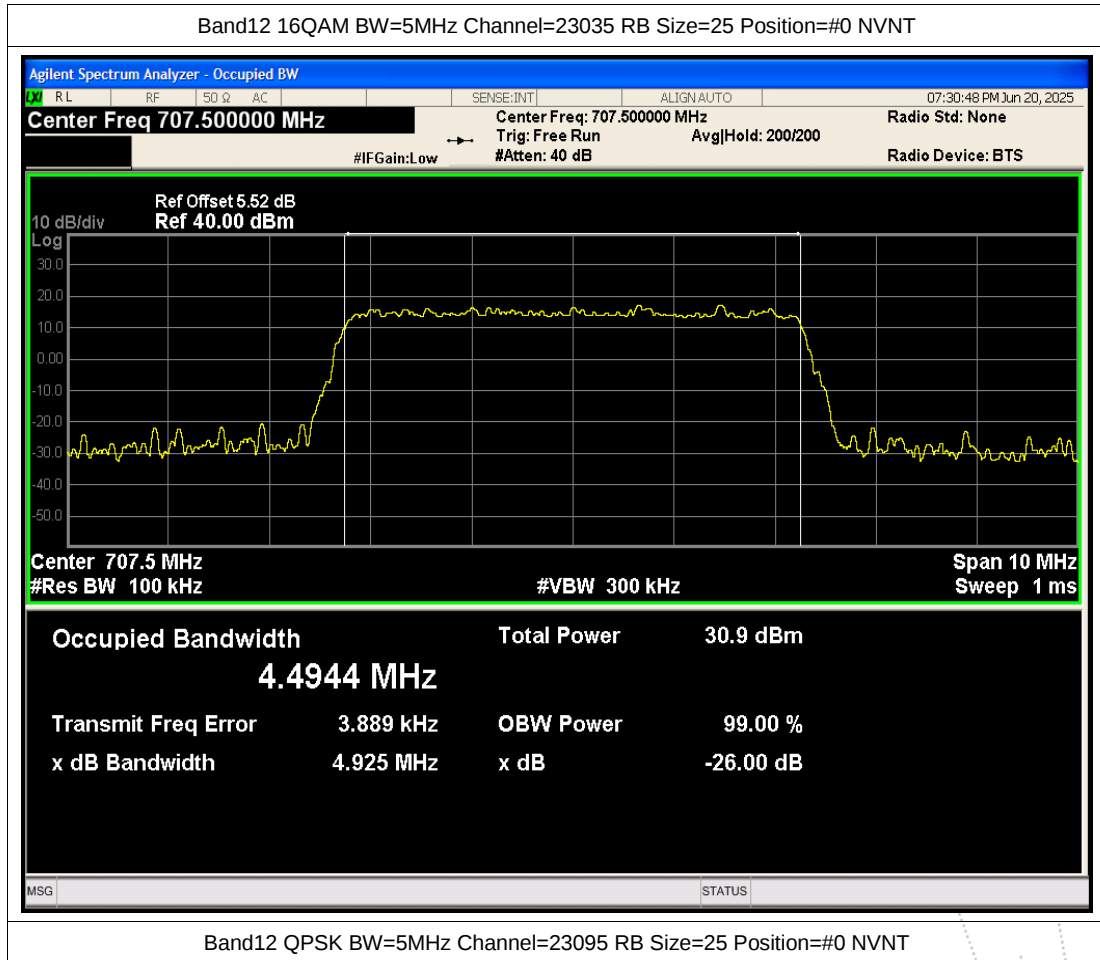
Band12 16QAM BW=3MHz Channel=23165 RB Size=15 Position=#0 NVNT

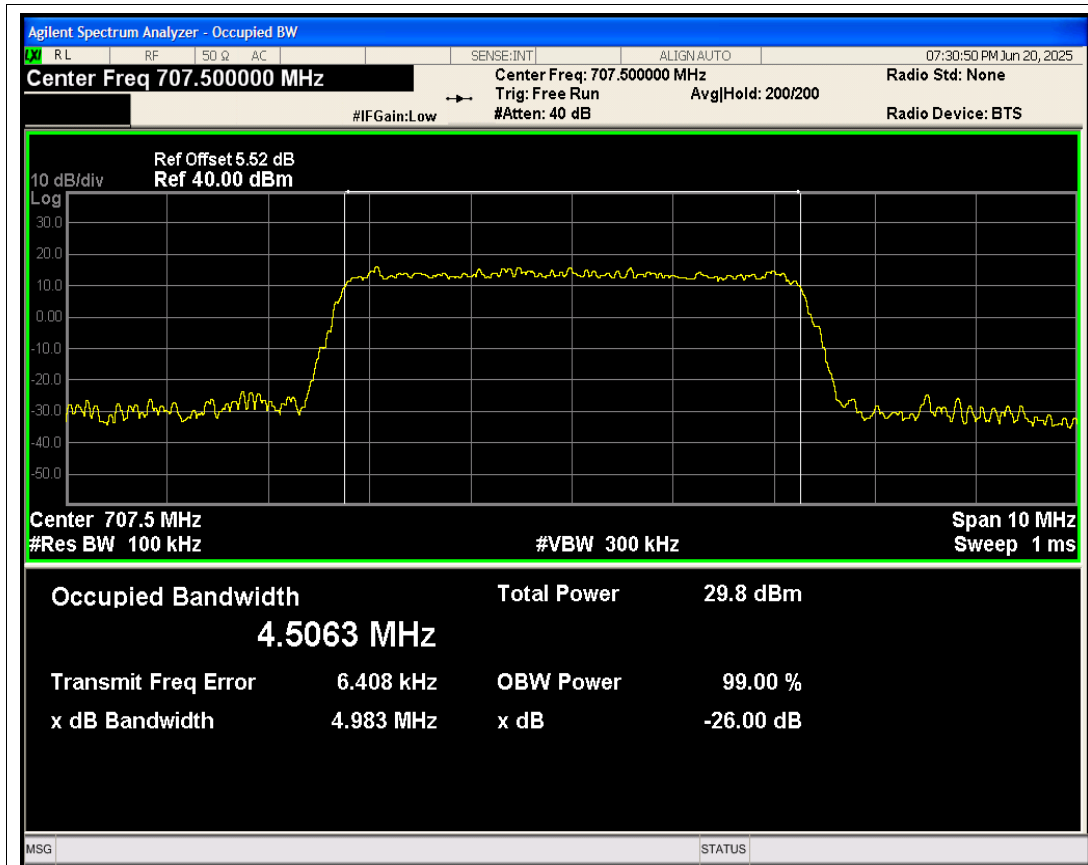




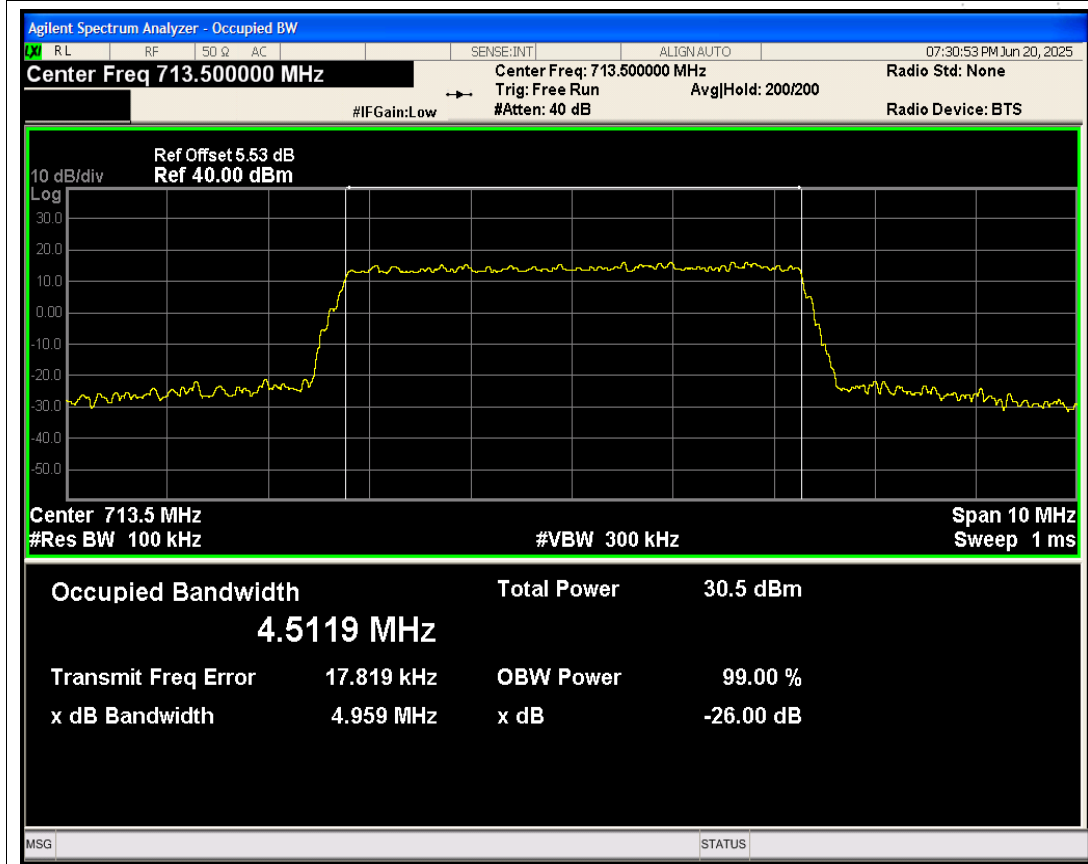
Band12 QPSK BW=5MHz Channel=23035 RB Size=25 Position=#0 NVNT

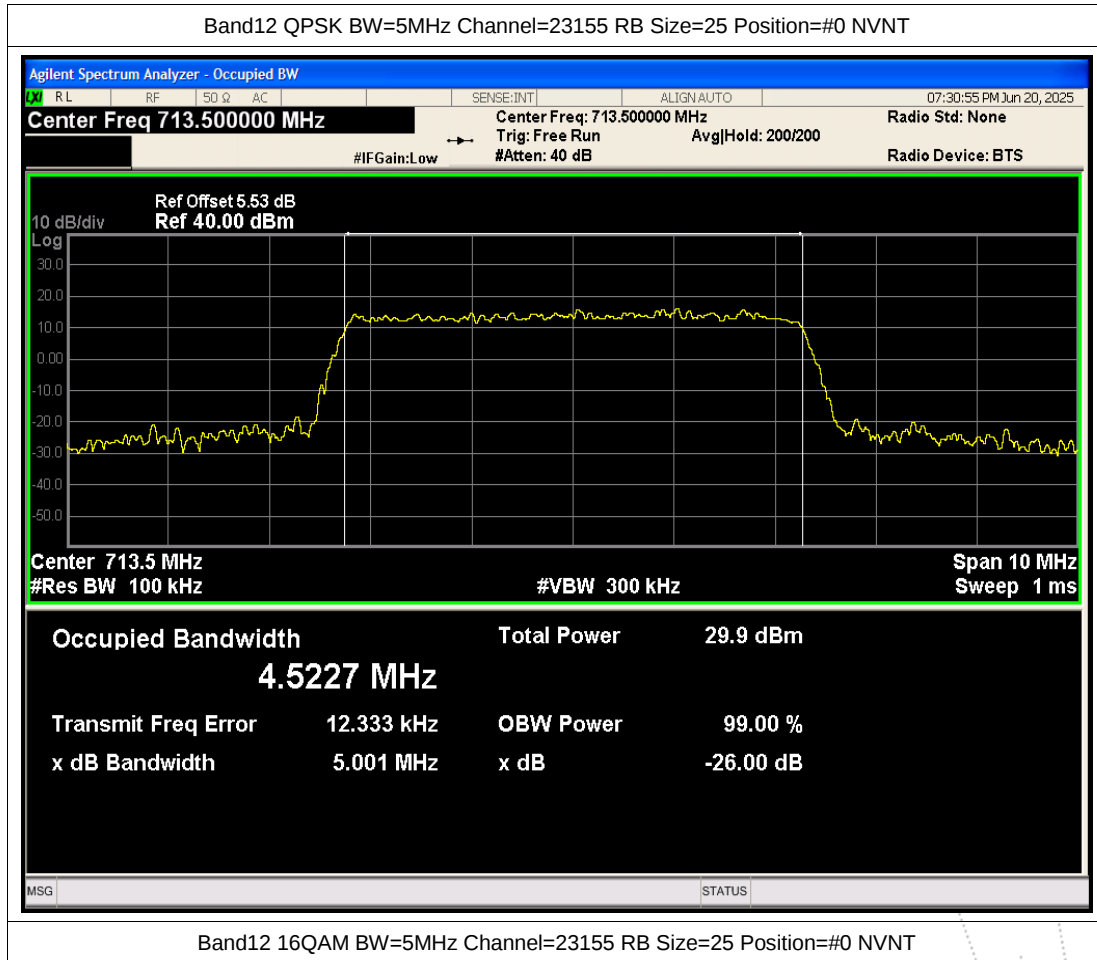


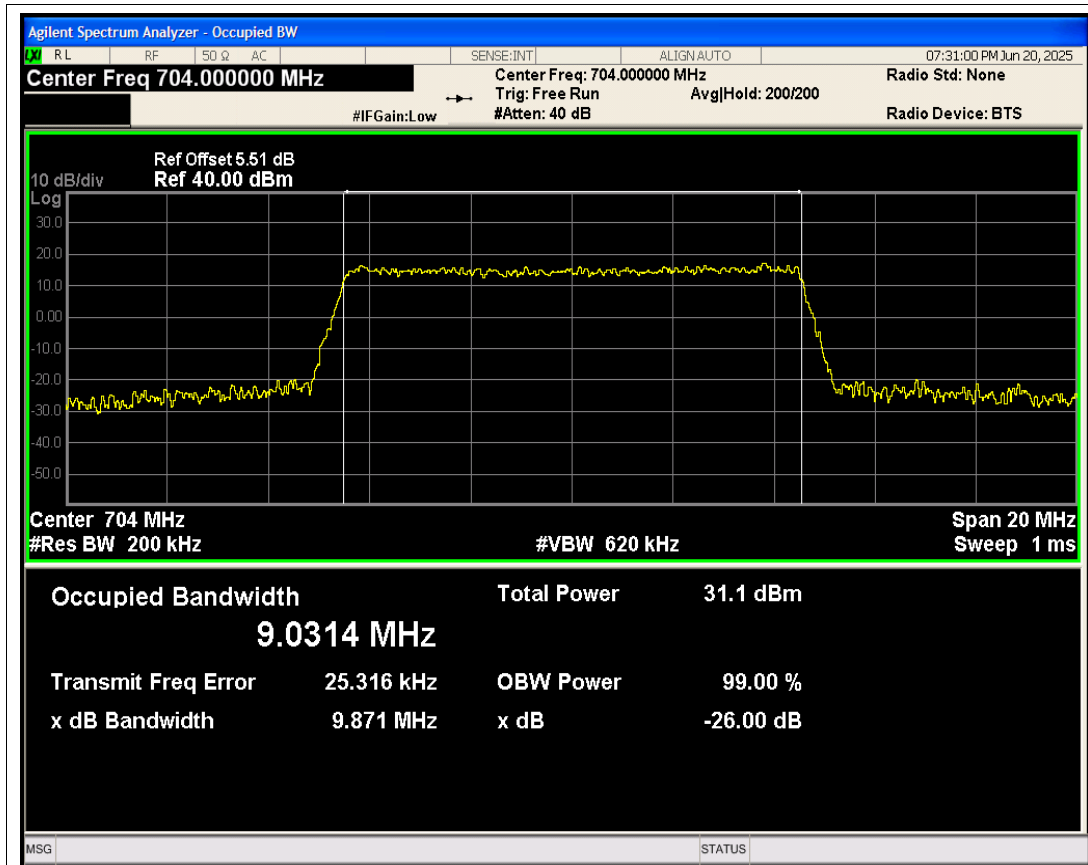




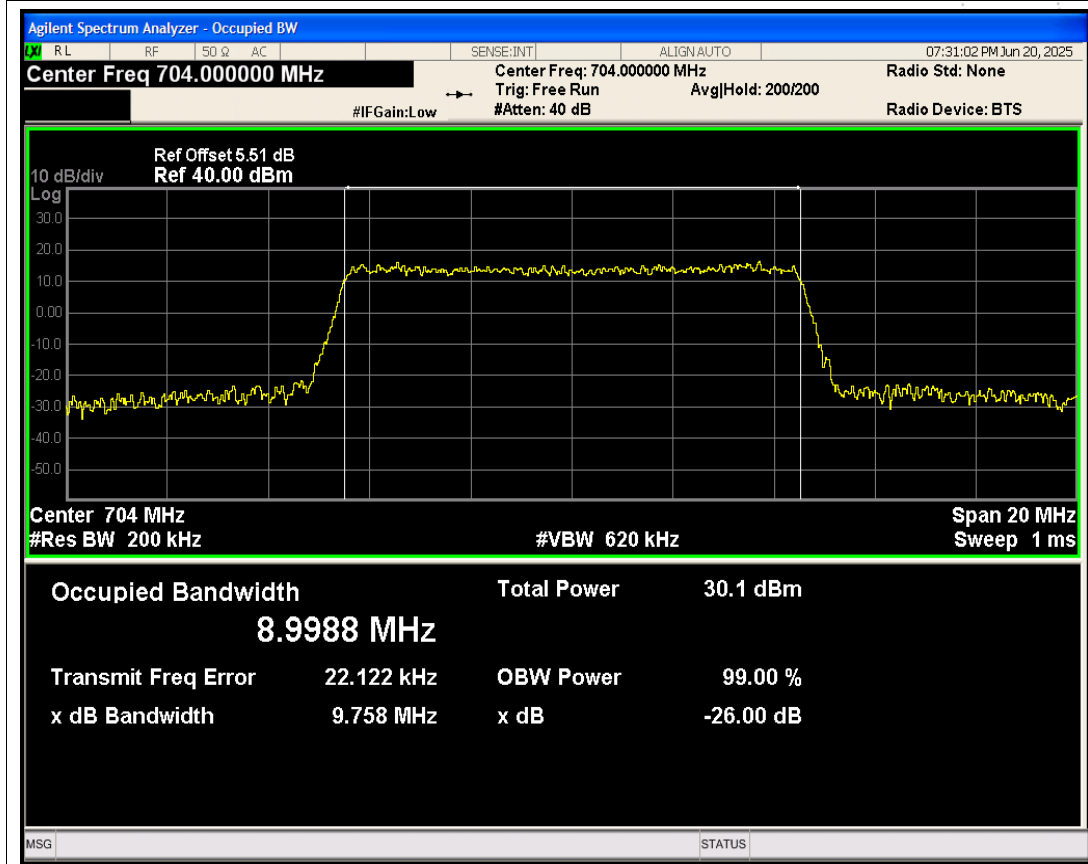
Band12 16QAM BW=5MHz Channel=23095 RB Size=25 Position=#0 NVNT

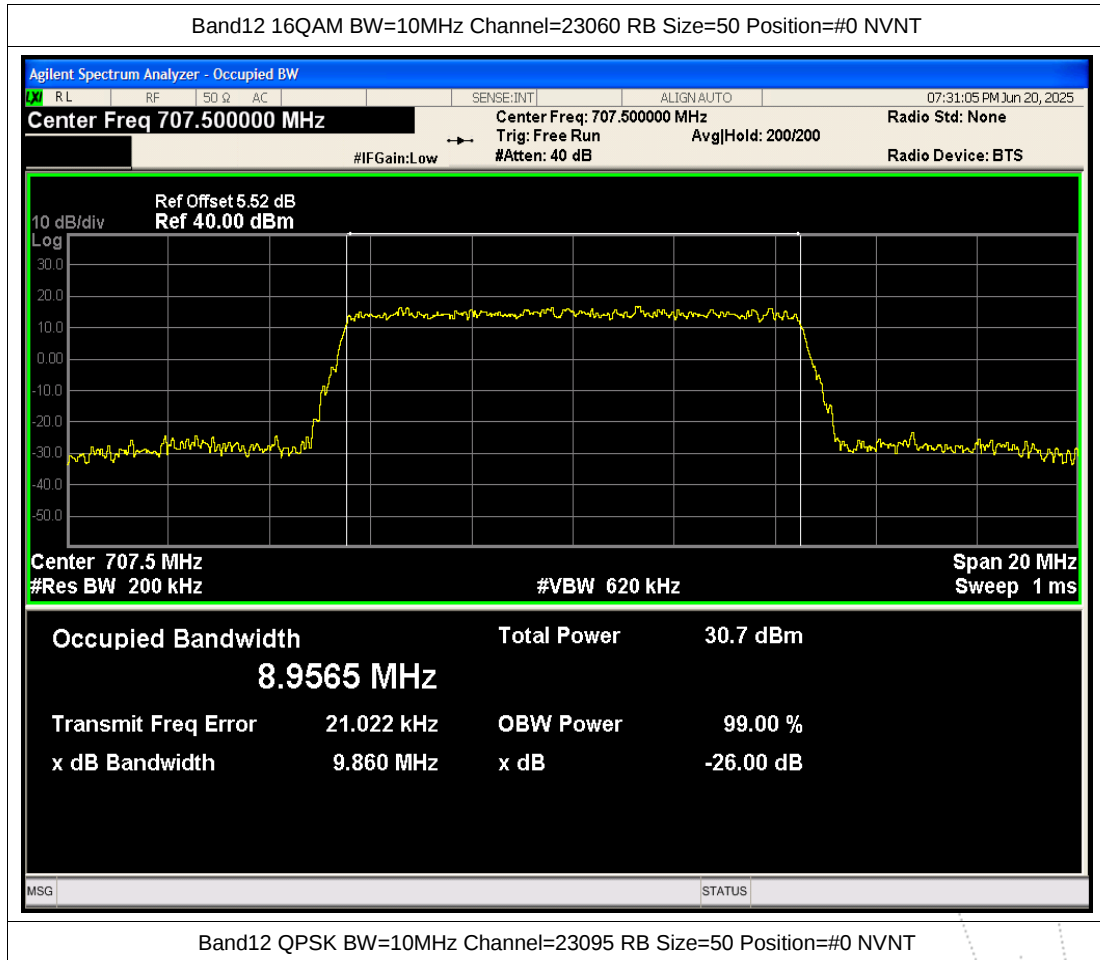


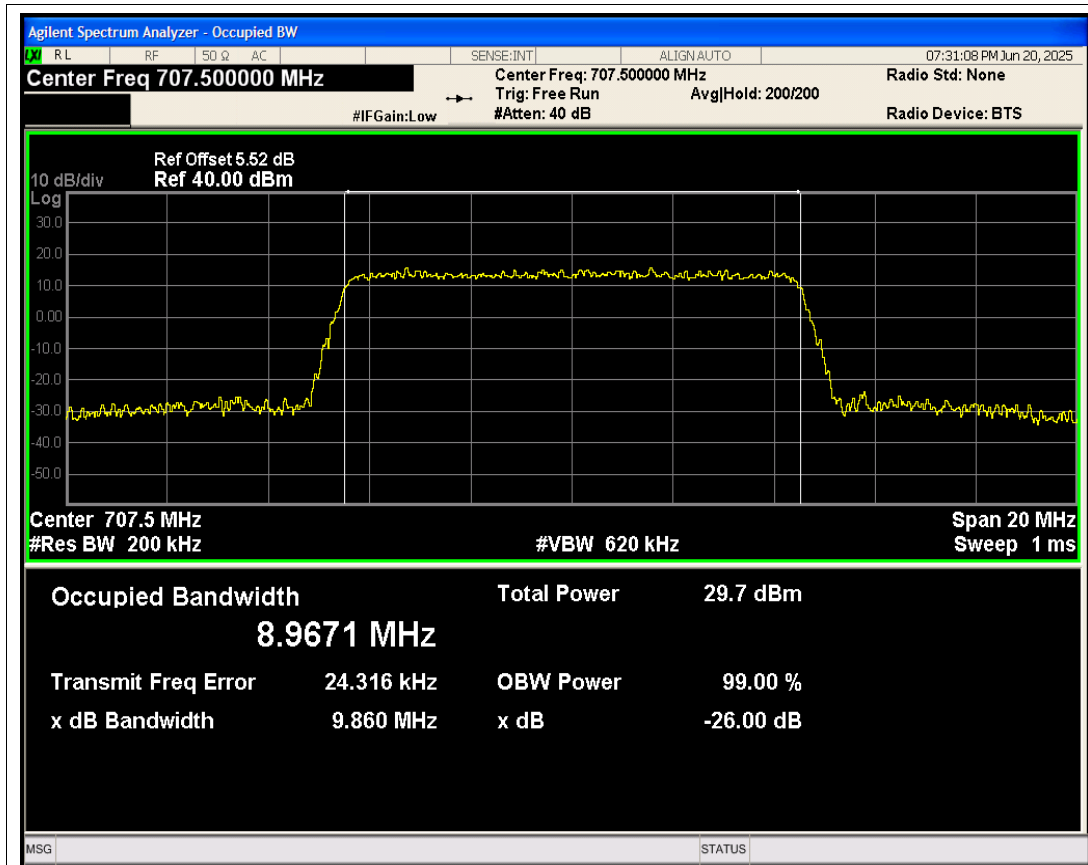




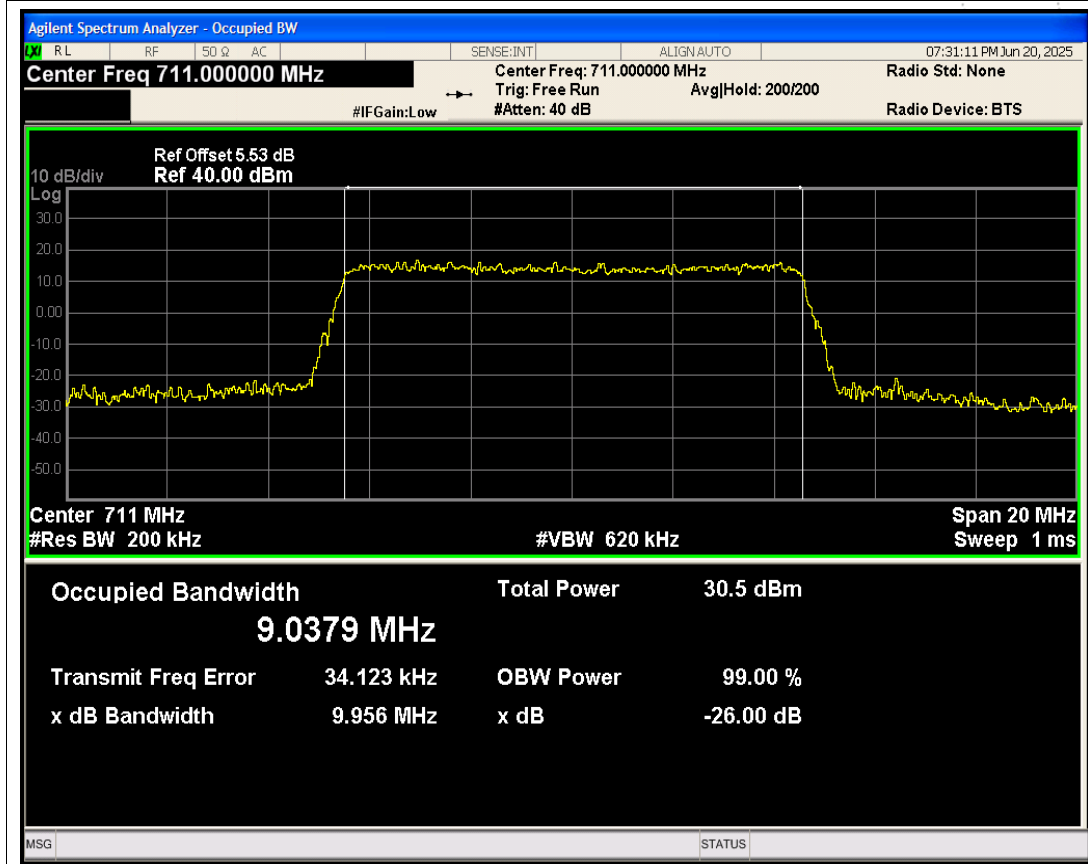
Band12 QPSK BW=10MHz Channel=23060 RB Size=50 Position=#0 NVNT

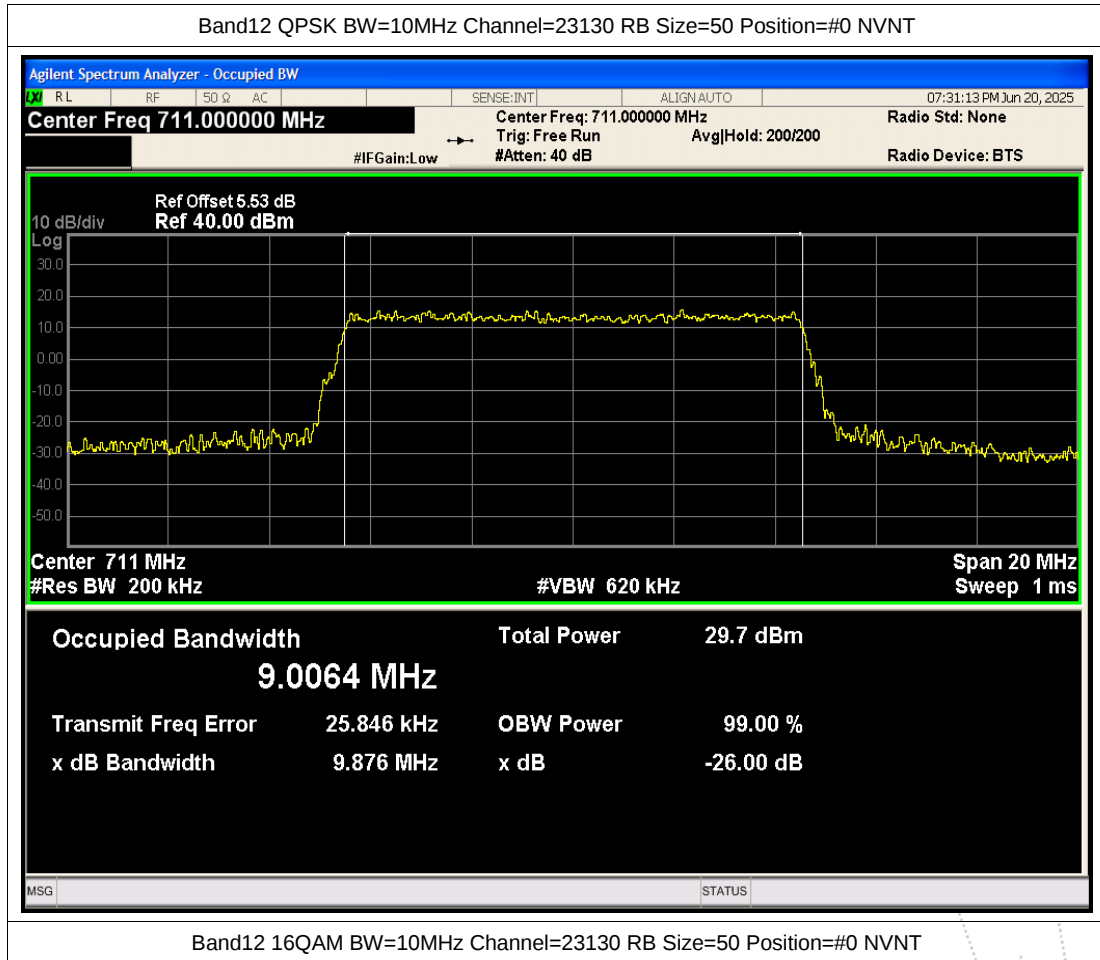






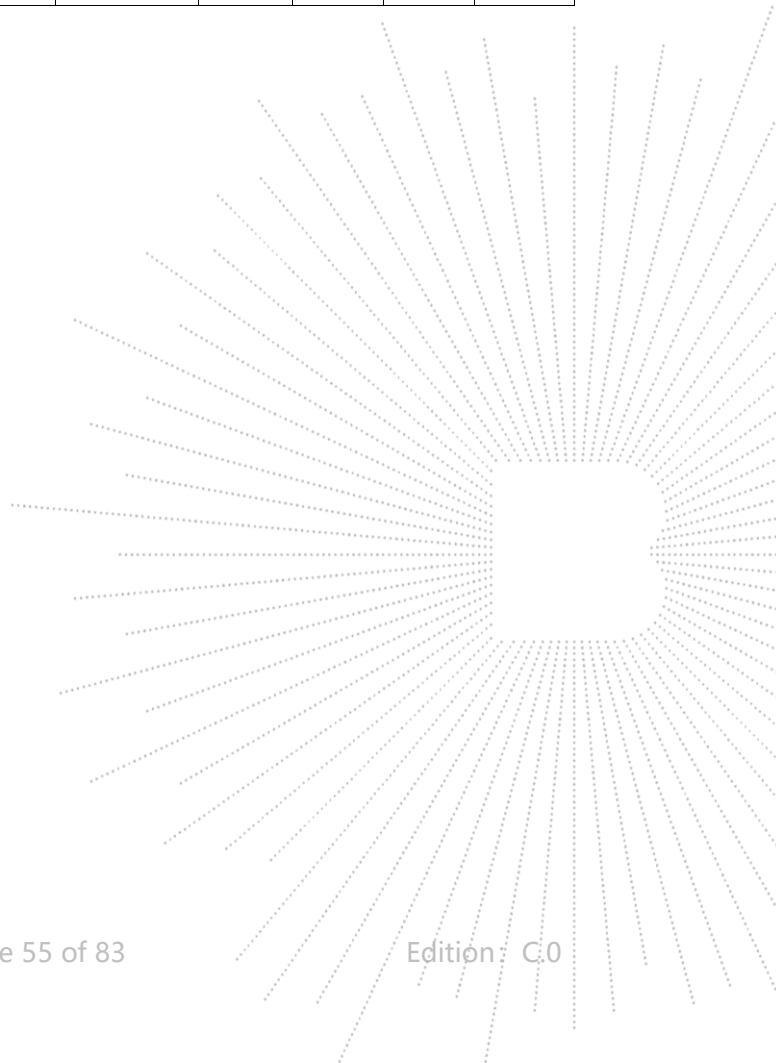
Band12 16QAM BW=10MHz Channel=23095 RB Size=50 Position=#0 NVNT

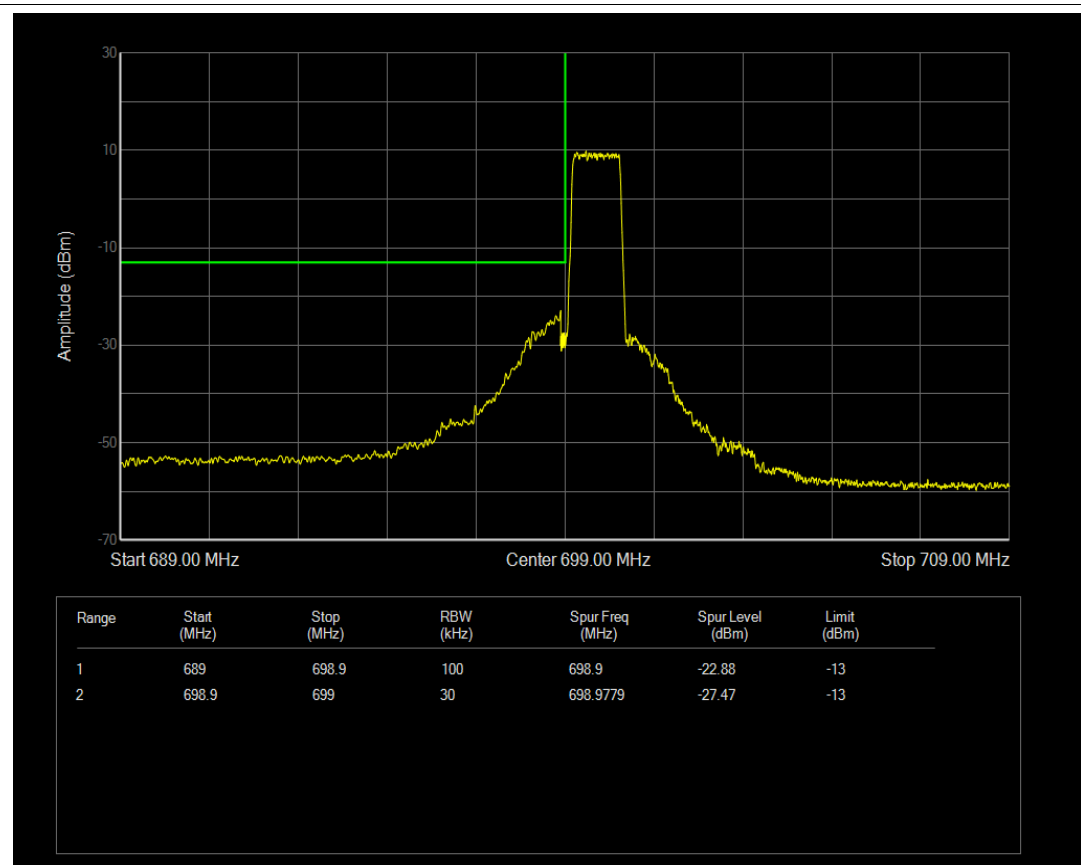




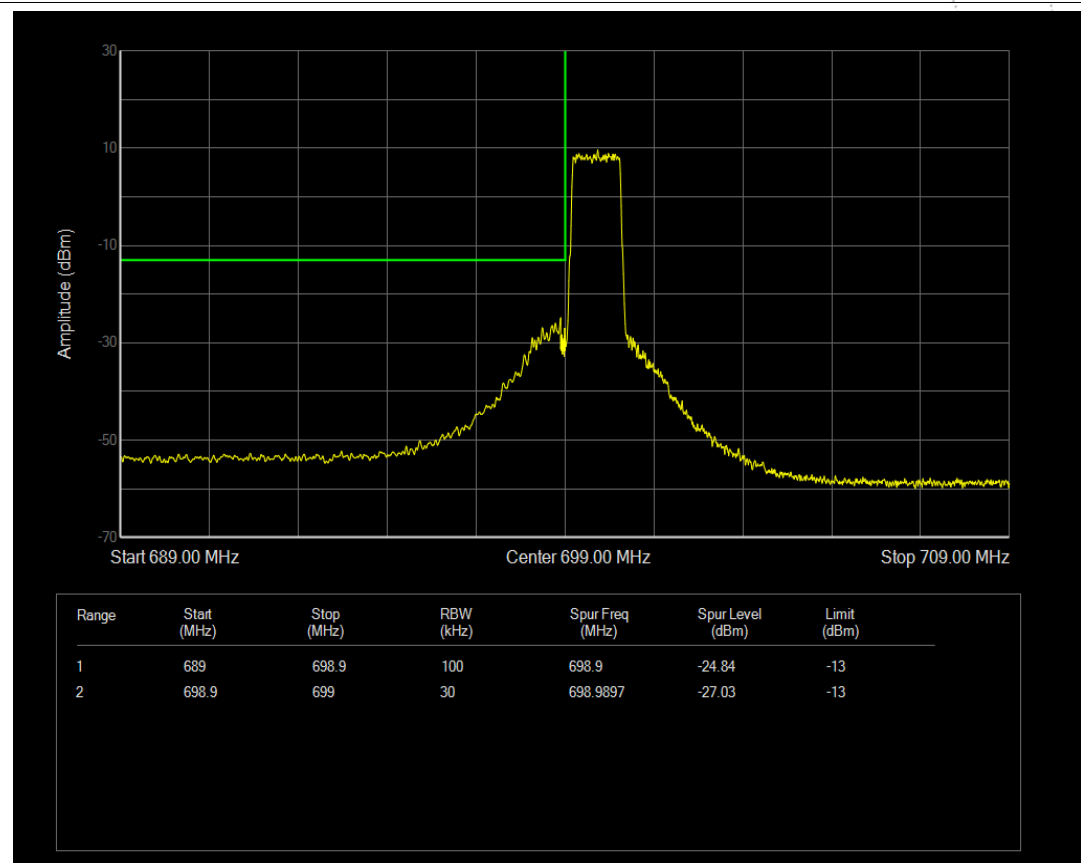
Appendix 5.Band edge

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	-22.88	-13	PASS
NVNT	Band12	1.4	23017	6	#0	16QAM	698.90	-24.84	-13	PASS
NVNT	Band12	1.4	23173	6	#0	QPSK	716.11	-22.38	-13	PASS
NVNT	Band12	1.4	23173	6	#0	16QAM	716.16	-24.74	-13	PASS
NVNT	Band12	3	23025	15	#0	QPSK	698.99	-21.92	-13	PASS
NVNT	Band12	3	23025	15	#0	16QAM	698.99	-23.31	-13	PASS
NVNT	Band12	3	23165	15	#0	QPSK	716.00	-24.62	-13	PASS
NVNT	Band12	3	23165	15	#0	16QAM	716.00	-24.39	-13	PASS
NVNT	Band12	5	23035	25	#0	QPSK	699.00	-30.46	-13	PASS
NVNT	Band12	5	23035	25	#0	16QAM	698.98	-31.97	-13	PASS
NVNT	Band12	5	23155	25	#0	QPSK	716.37	-31.77	-13	PASS
NVNT	Band12	5	23155	25	#0	16QAM	716.01	-32.93	-13	PASS
NVNT	Band12	10	23060	50	#0	QPSK	698.88	-35.70	-13	PASS
NVNT	Band12	10	23060	50	#0	16QAM	698.90	-37.58	-13	PASS
NVNT	Band12	10	23130	50	#0	QPSK	716.11	-36.60	-13	PASS
NVNT	Band12	10	23130	50	#0	16QAM	716.27	-37.43	-13	PASS

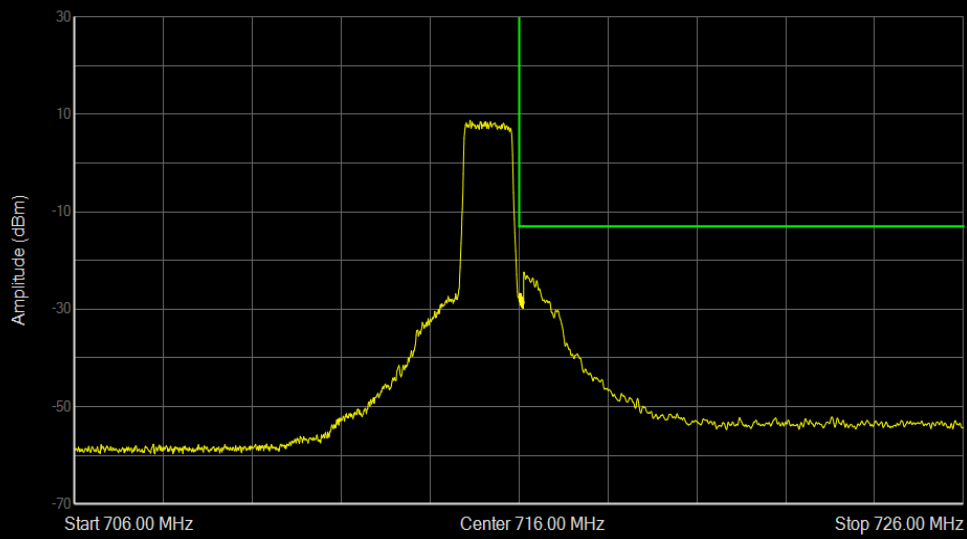




Band12 QPSK BW=1.4MHz Channel=23017 RB Size=6 Position=#0 NVNT

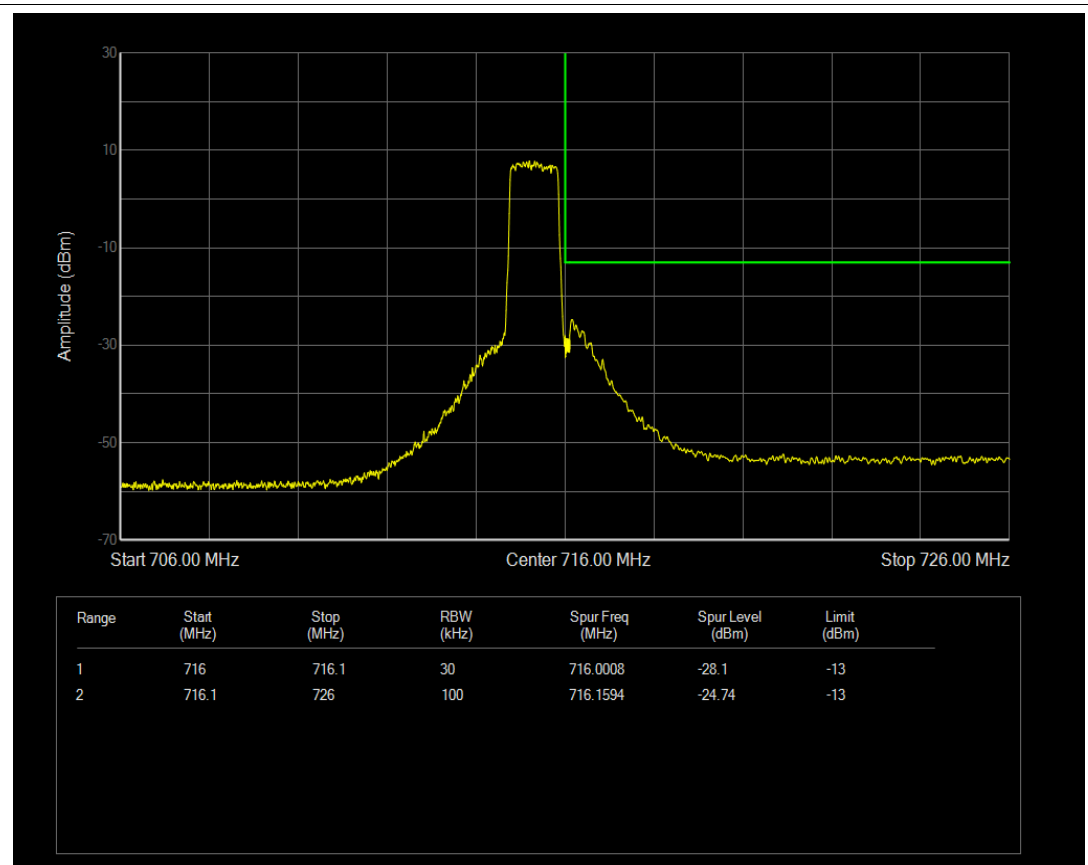


Band12 16QAM BW=1.4MHz Channel=23017 RB Size=6 Position=#0 NVNT

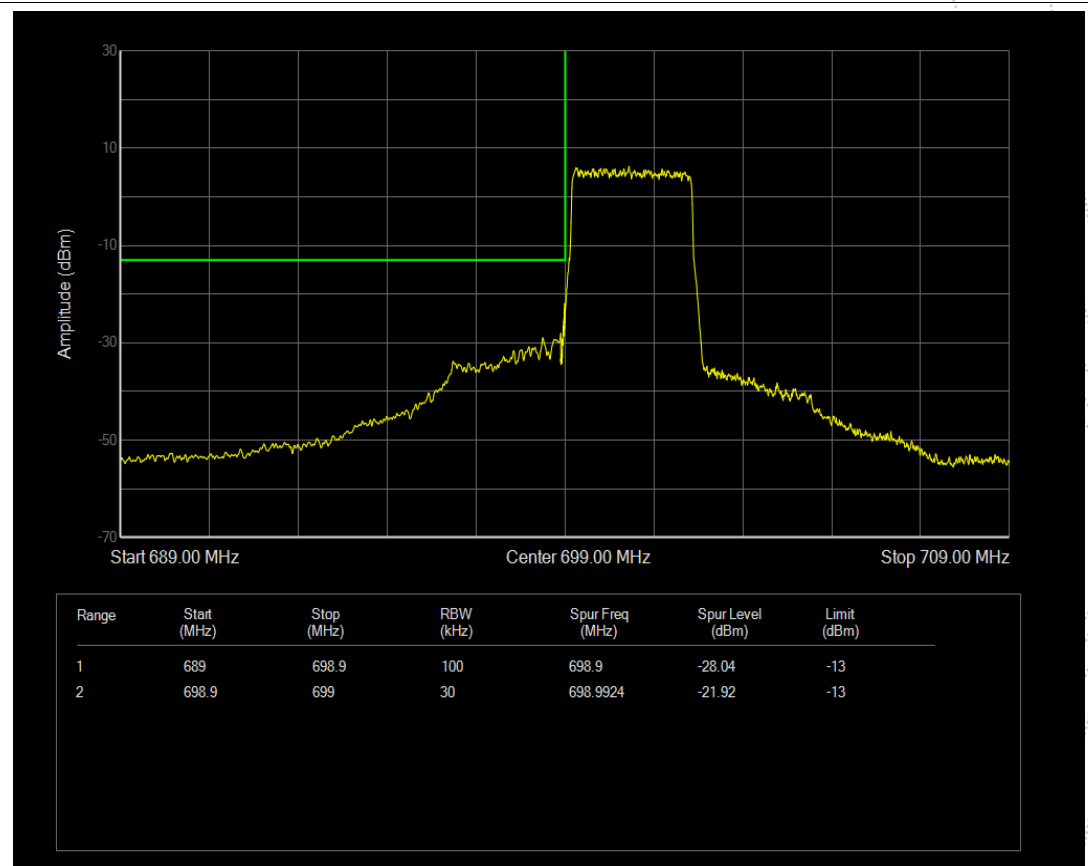


Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	716	716.1	30	716.0143	-26.75	-13
2	716.1	726	100	716.1099	-22.38	-13

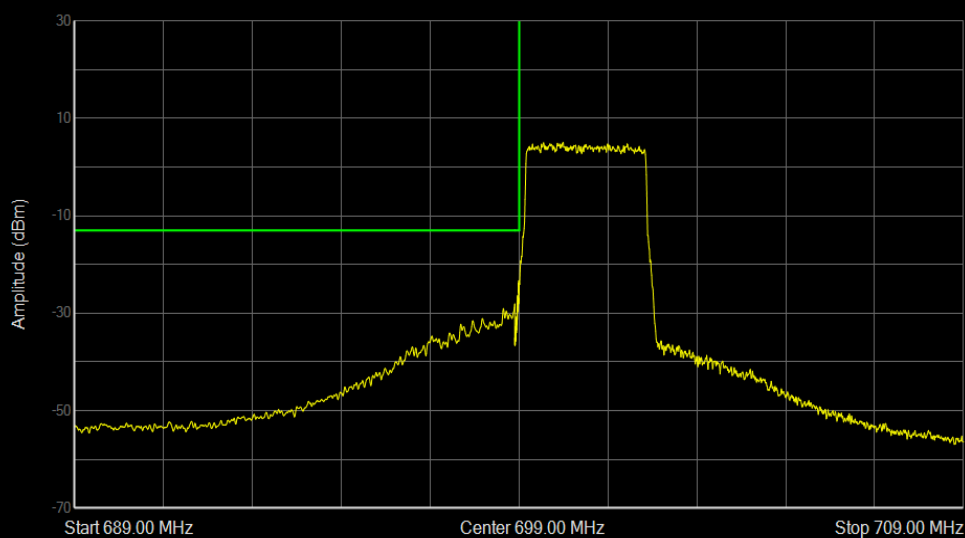
Band12 QPSK BW=1.4MHz Channel=23173 RB Size=6 Position=#0 NVNT



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

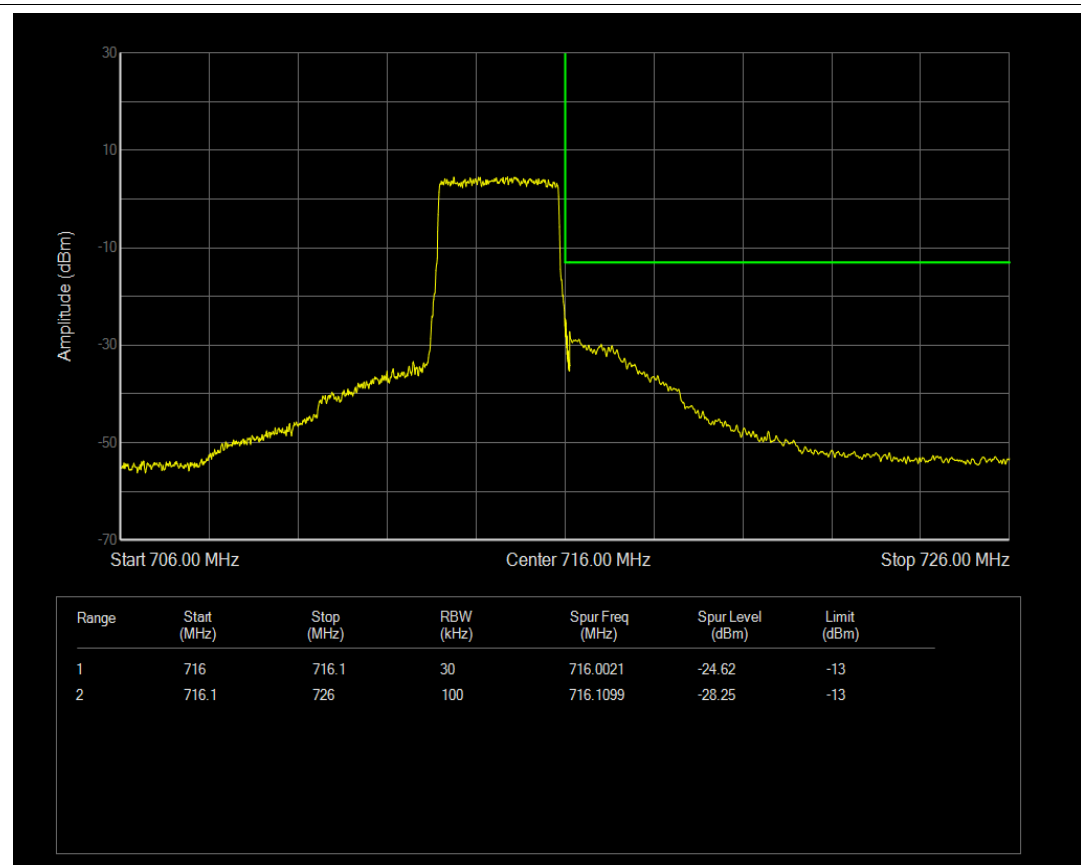


Band12 QPSK BW=3MHz Channel=23025 RB Size=15 Position=#0 NVNT

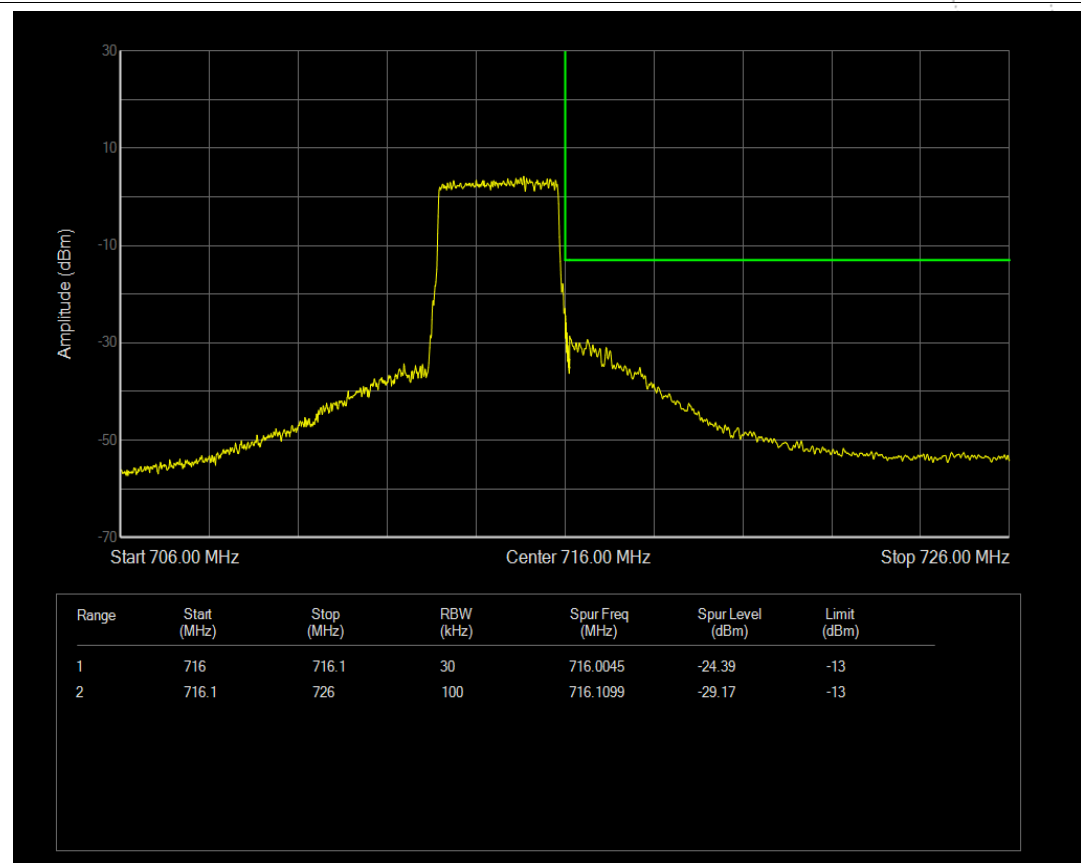


Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	689	698.9	100	698.9	-28.08	-13
2	698.9	699	30	698.9931	-23.31	-13

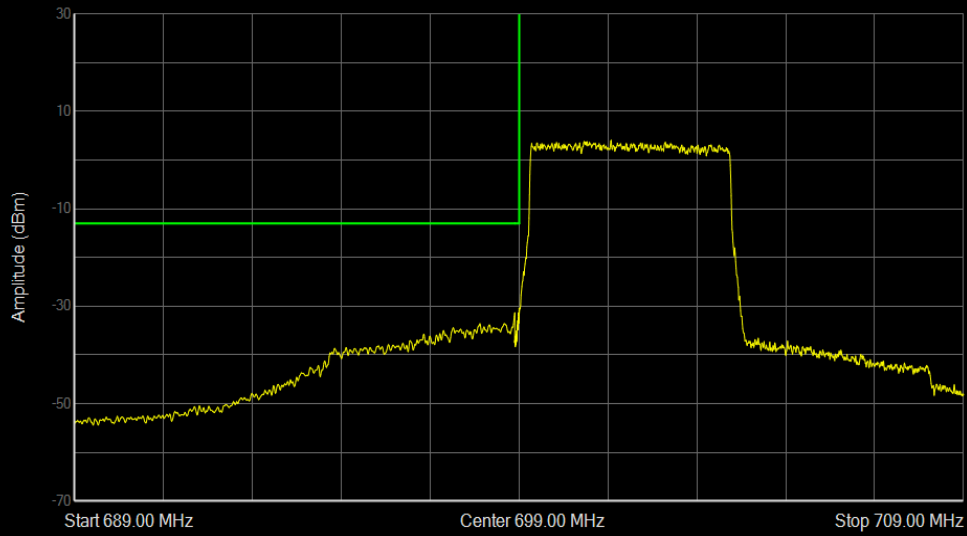
Band12 16QAM BW=3MHz Channel=23025 RB Size=15 Position=#0 NVNT



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

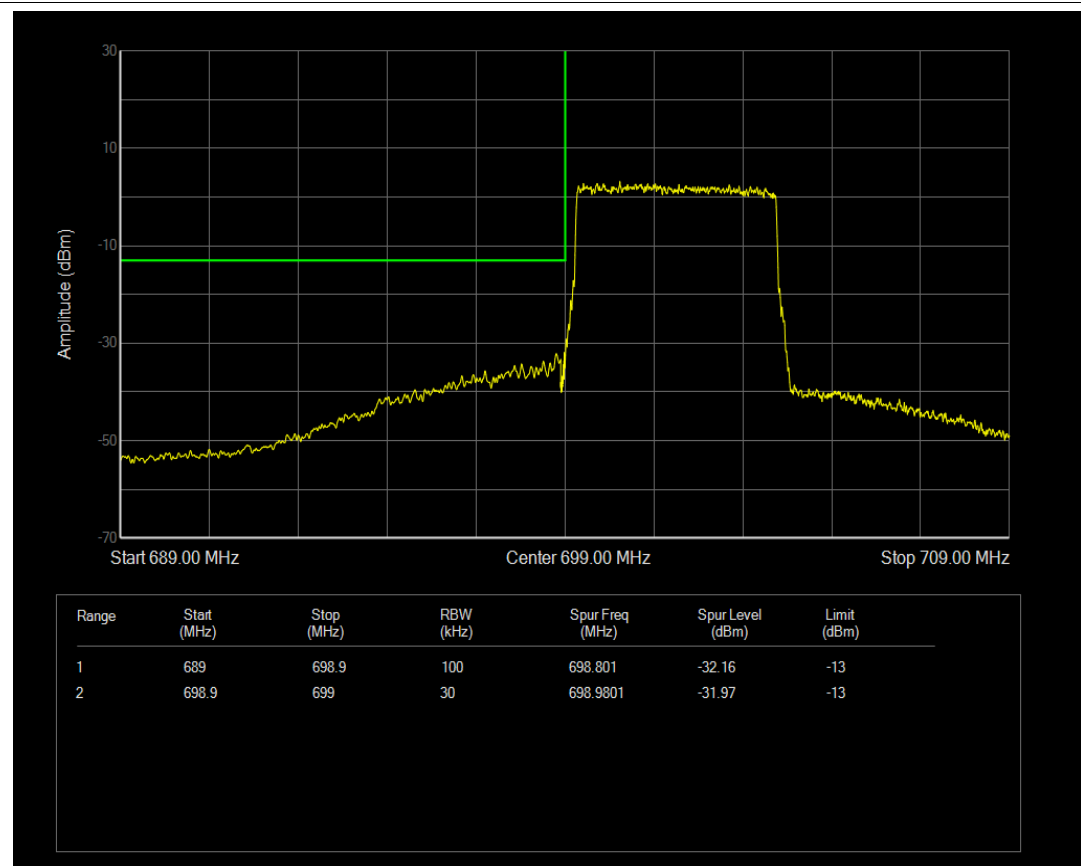


Band12 16QAM BW=3MHz Channel=23165 RB Size=15 Position=#0 NVNT

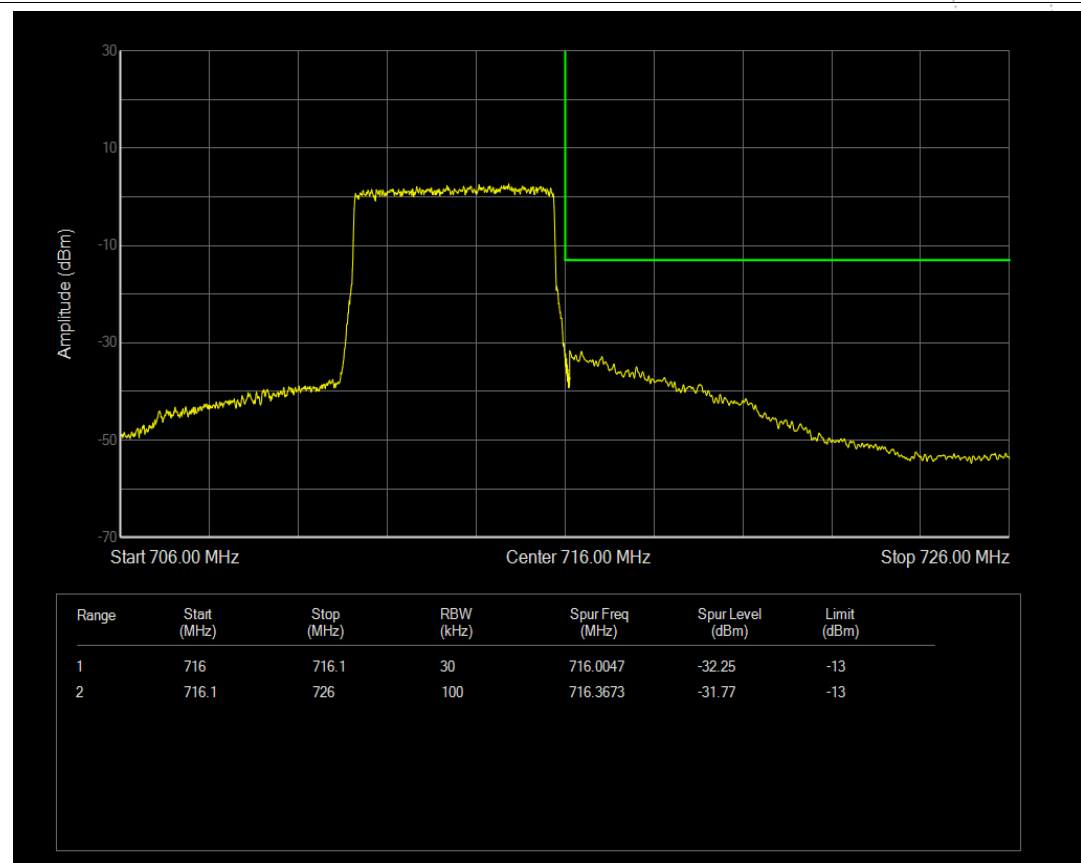


Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	689	698.9	100	698.9	-31.34	-13
2	698.9	699	30	698.9982	-30.46	-13

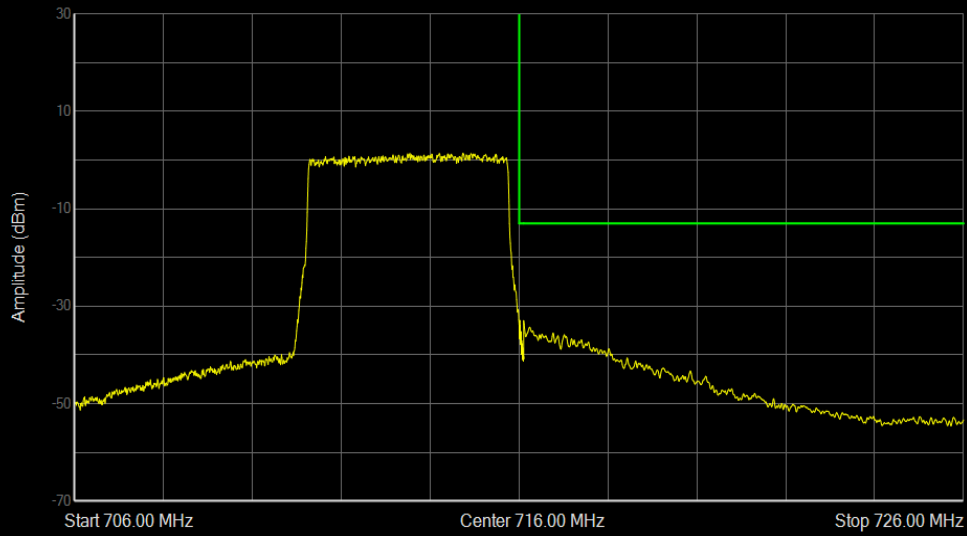
Band12 QPSK BW=5MHz Channel=23035 RB Size=25 Position=#0 NVNT



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

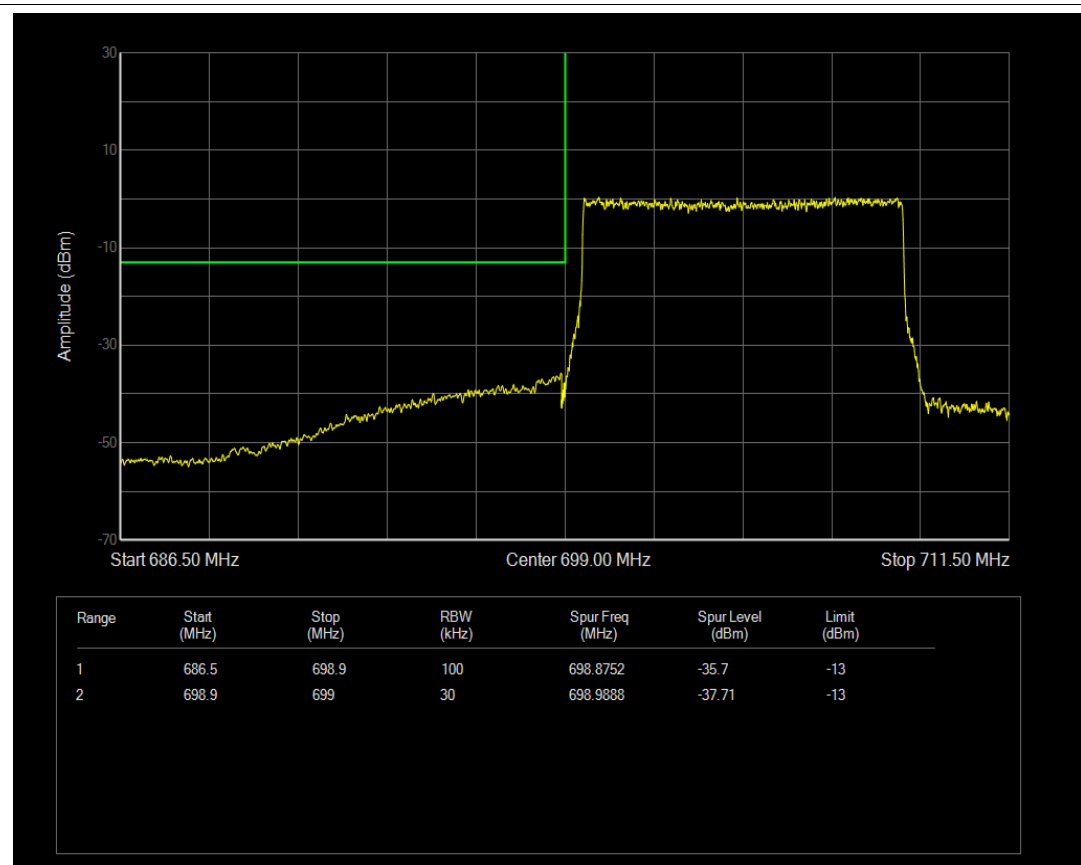


Band12 QPSK BW=5MHz Channel=23155 RB Size=25 Position=#0 NVNT

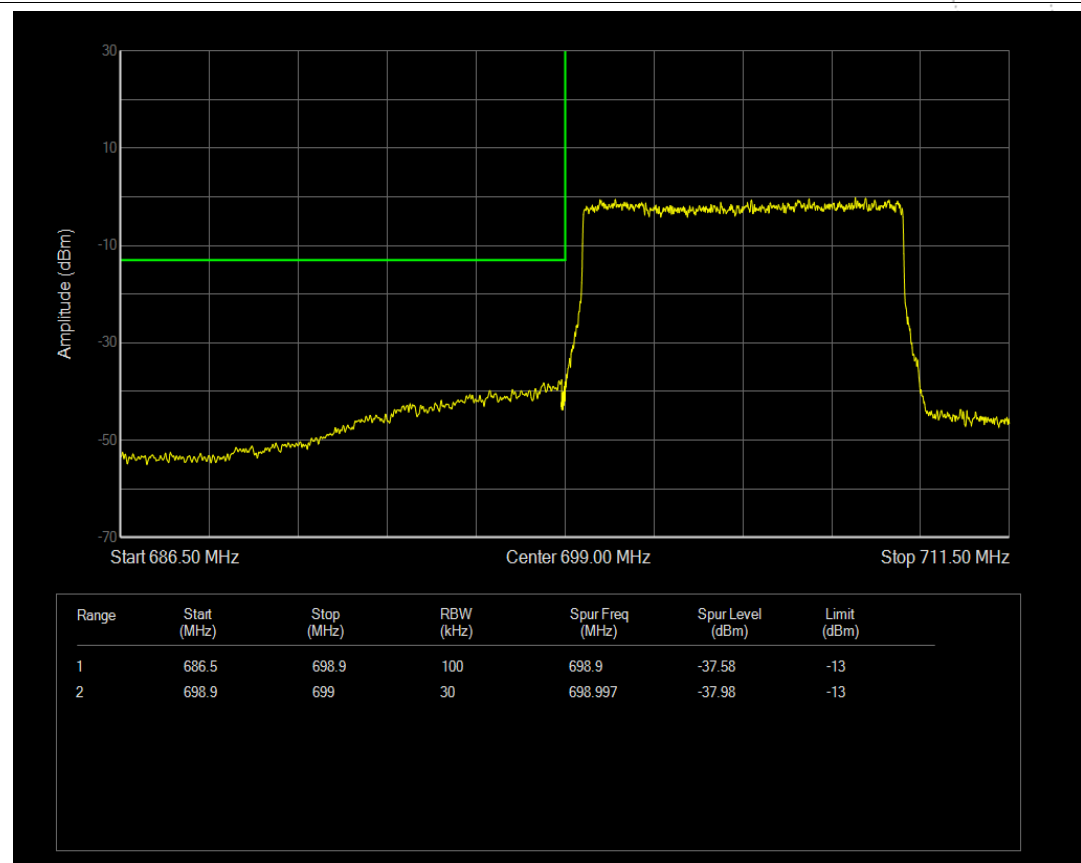


Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	716	716.1	30	716.0109	-32.93	-13
2	716.1	726	100	716.1099	-33.7	-13

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

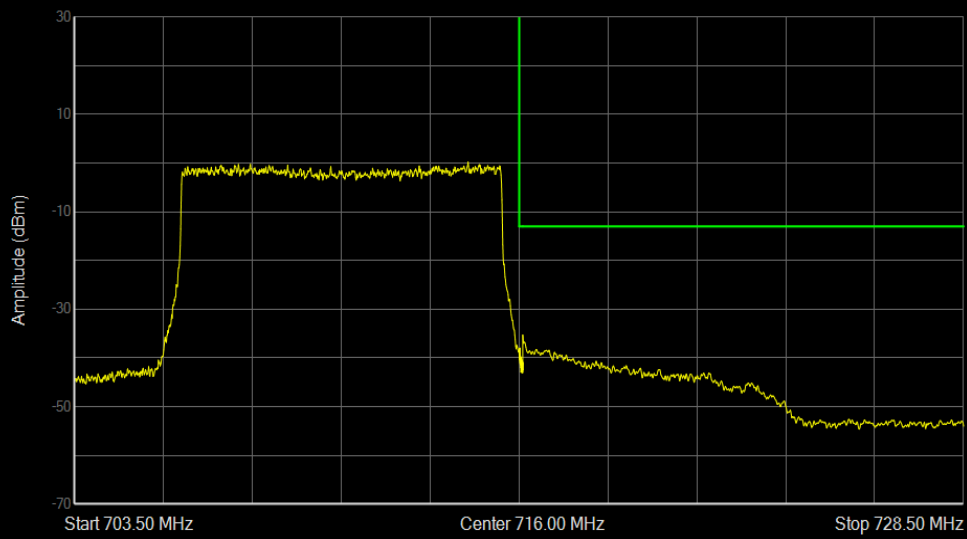


Band12 QPSK BW=10MHz Channel=23060 RB Size=50 Position=#0 NVNT



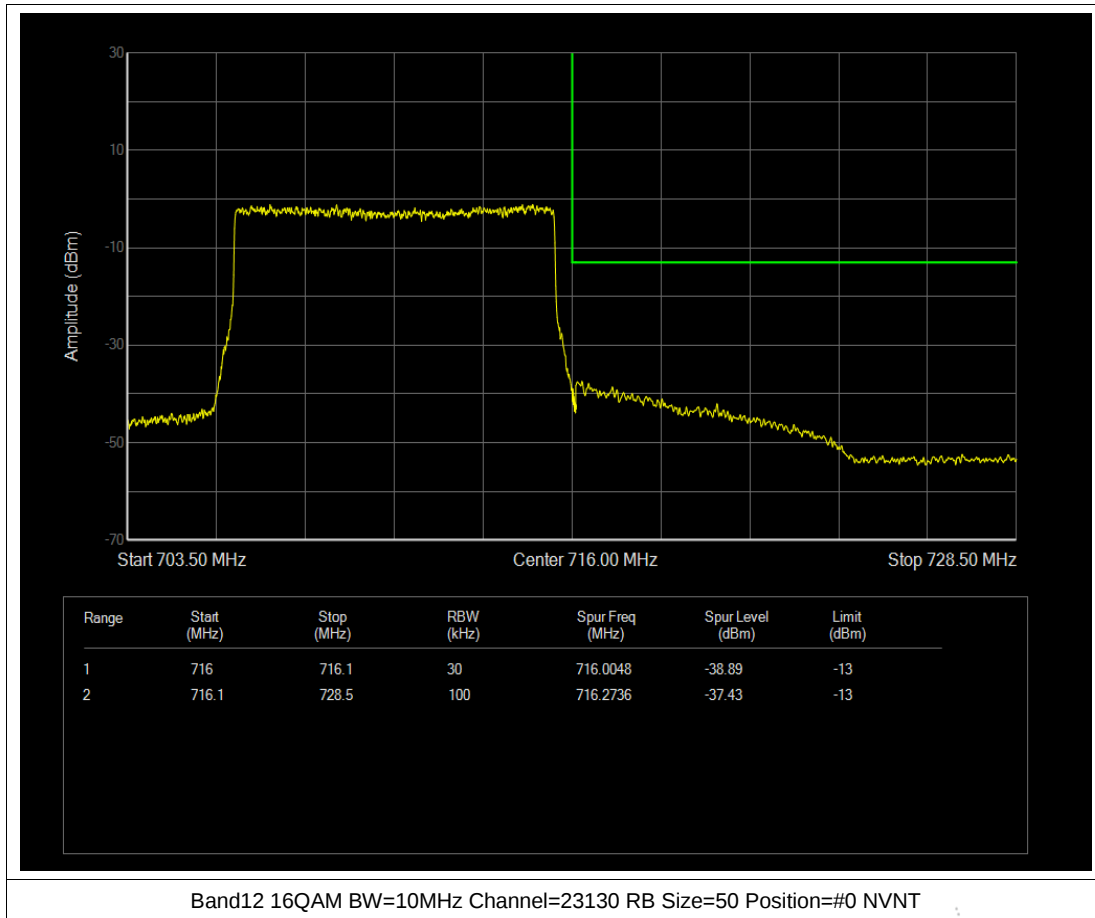


Band12 16QAM BW=10MHz Channel=23060 RB Size=50 Position=#0 NVNT



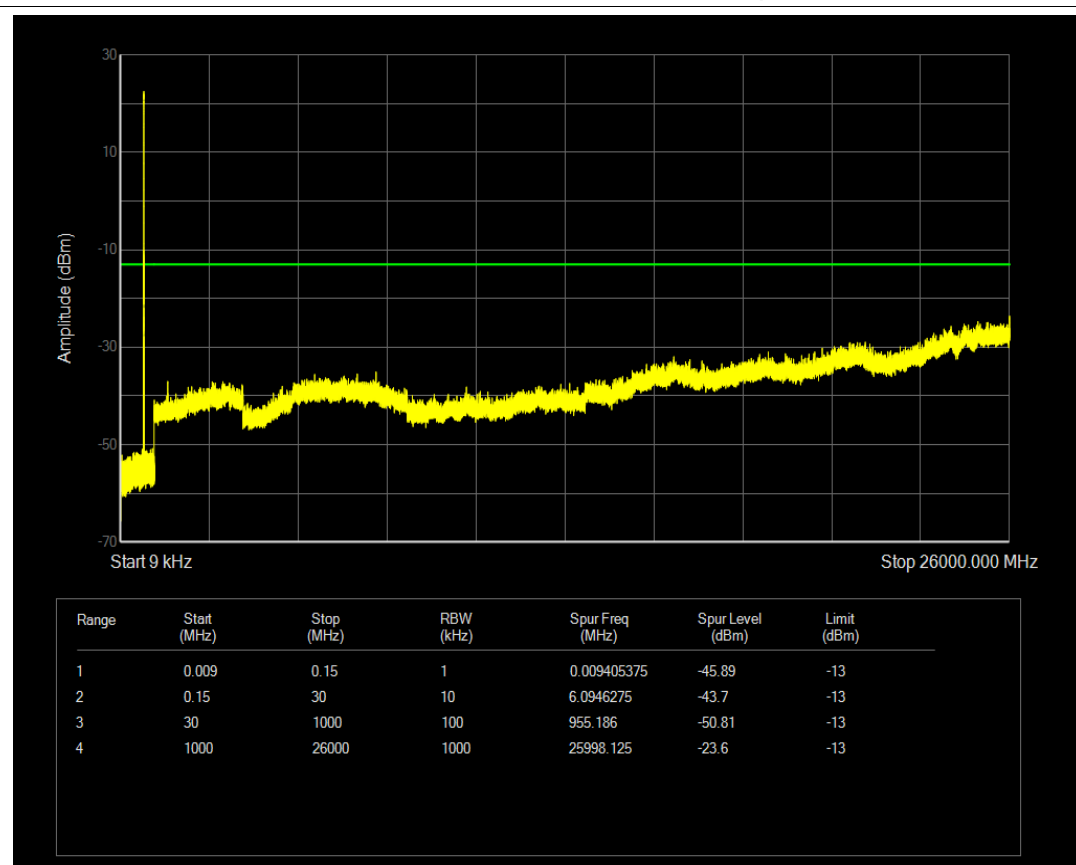
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	716	716.1	30	716.0186	-38	-13
2	716.1	728.5	100	716.1124	-36.6	-13

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

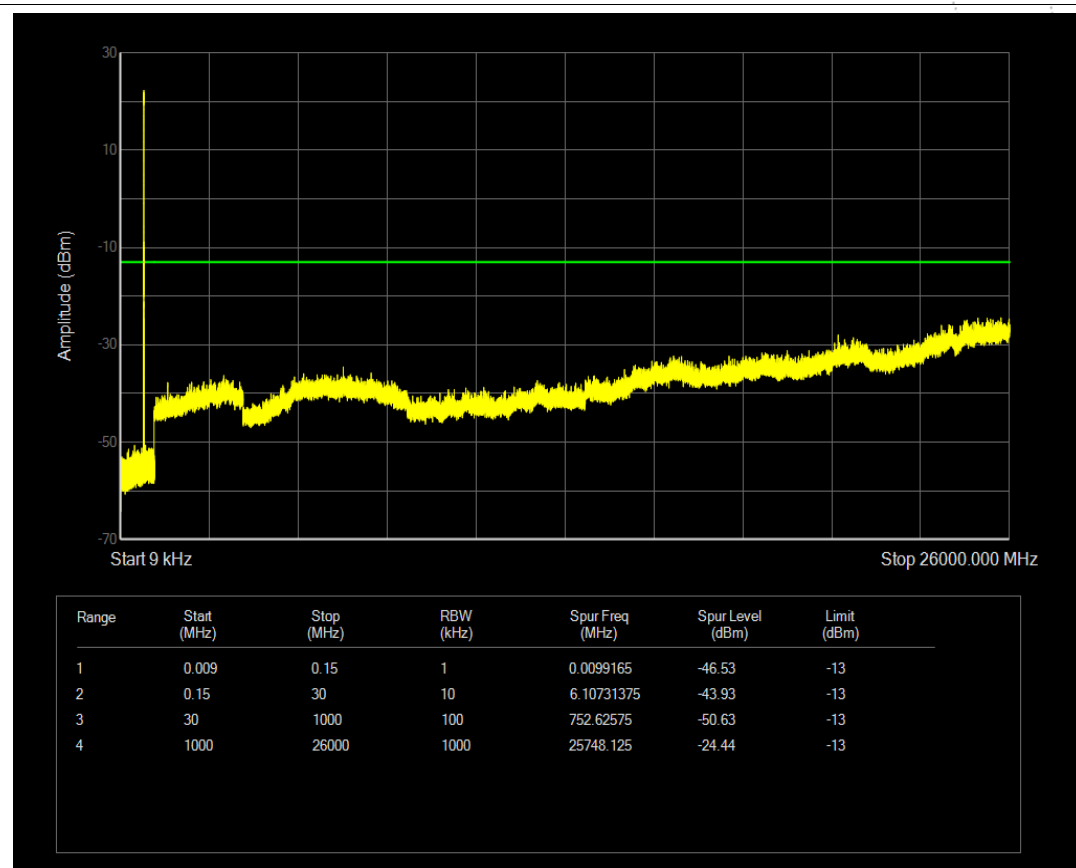


Appendix 6.Out-of-band emissions

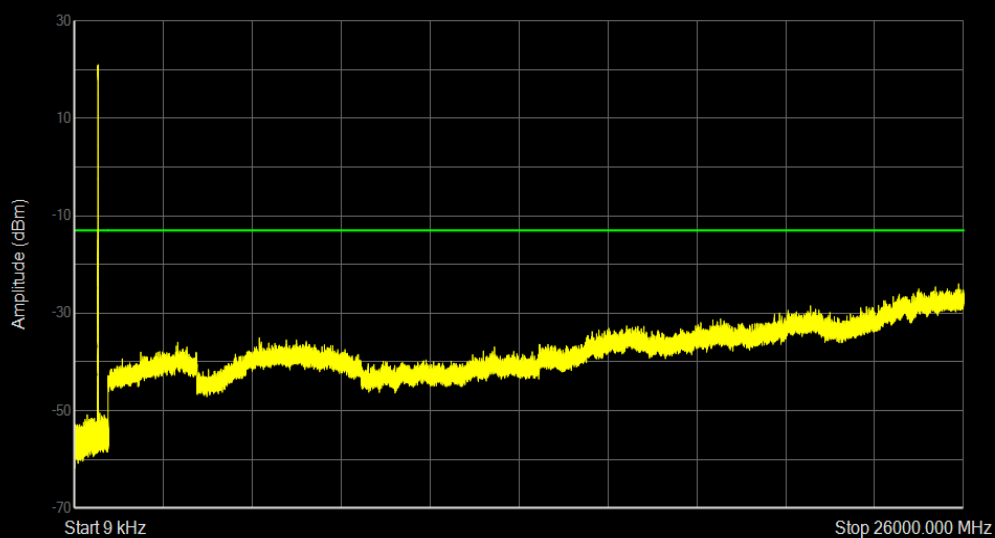
Condition	Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
NVNT	Band12	1.4	23017	6	#0	QPSK	25998.13	-23.60	-13	PASS
NVNT	Band12	1.4	23017	6	#0	16QAM	25748.13	-24.44	-13	PASS
NVNT	Band12	1.4	23095	6	#0	QPSK	25854.38	-23.97	-13	PASS
NVNT	Band12	1.4	23095	6	#0	16QAM	25592.50	-23.87	-13	PASS
NVNT	Band12	1.4	23173	6	#0	QPSK	25968.13	-24.78	-13	PASS
NVNT	Band12	1.4	23173	6	#0	16QAM	24766.25	-24.14	-13	PASS
NVNT	Band12	3	23025	15	#0	QPSK	24688.75	-24.38	-13	PASS
NVNT	Band12	3	23025	15	#0	16QAM	25898.75	-24.22	-13	PASS
NVNT	Band12	3	23095	15	#0	QPSK	25790.63	-23.93	-13	PASS
NVNT	Band12	3	23095	15	#0	16QAM	25048.13	-24.61	-13	PASS
NVNT	Band12	3	23165	15	#0	QPSK	25878.13	-24.12	-13	PASS
NVNT	Band12	3	23165	15	#0	16QAM	25858.13	-24.46	-13	PASS
NVNT	Band12	5	23035	25	#0	QPSK	25495.63	-24.62	-13	PASS
NVNT	Band12	5	23035	25	#0	16QAM	25790.63	-24.27	-13	PASS
NVNT	Band12	5	23095	25	#0	QPSK	25724.38	-24.16	-13	PASS
NVNT	Band12	5	23095	25	#0	16QAM	25056.88	-24.27	-13	PASS
NVNT	Band12	5	23155	25	#0	QPSK	25785.00	-23.47	-13	PASS
NVNT	Band12	5	23155	25	#0	16QAM	25975.00	-23.82	-13	PASS
NVNT	Band12	10	23060	50	#0	QPSK	25542.50	-24.82	-13	PASS
NVNT	Band12	10	23060	50	#0	16QAM	25068.75	-24.42	-13	PASS
NVNT	Band12	10	23095	50	#0	QPSK	25860.63	-24.10	-13	PASS
NVNT	Band12	10	23095	50	#0	16QAM	25775.00	-24.53	-13	PASS
NVNT	Band12	10	23130	50	#0	QPSK	25078.75	-24.72	-13	PASS
NVNT	Band12	10	23130	50	#0	16QAM	25475.63	-24.24	-13	PASS



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

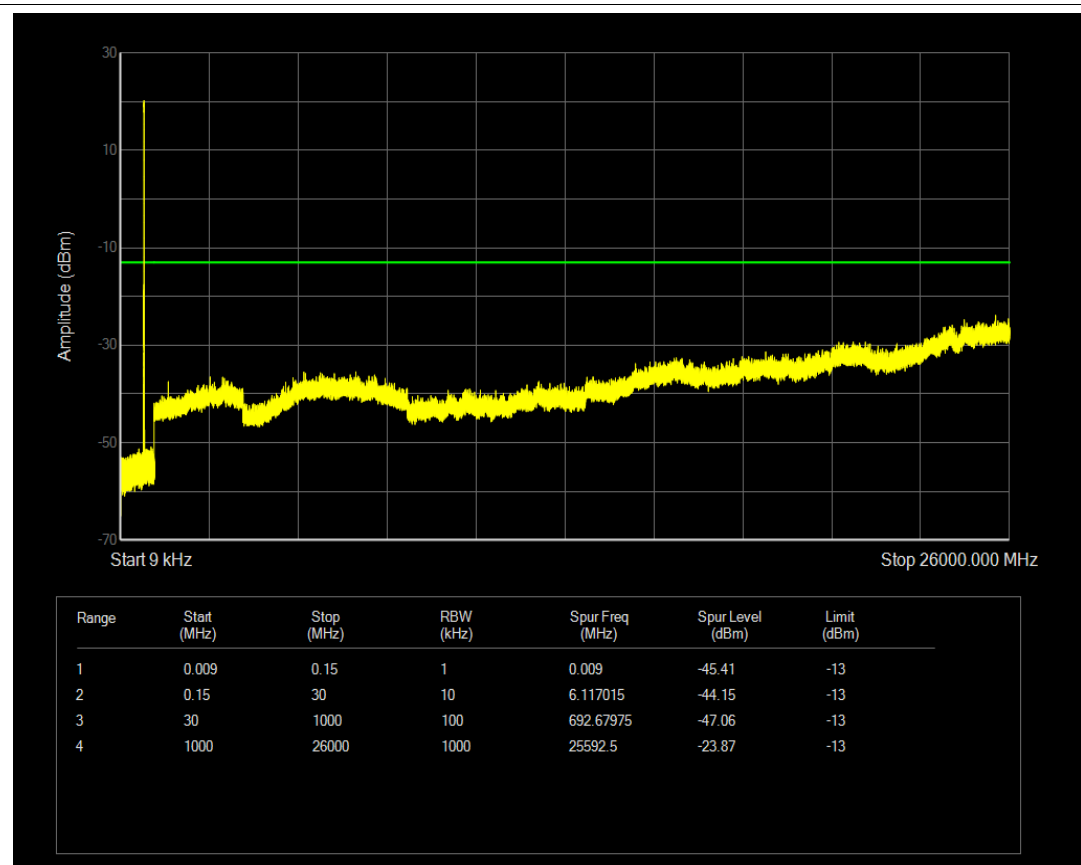


Band12 16QAM BW=1.4MHz Channel=23017 RB Size=6 Position=#0 NVNT

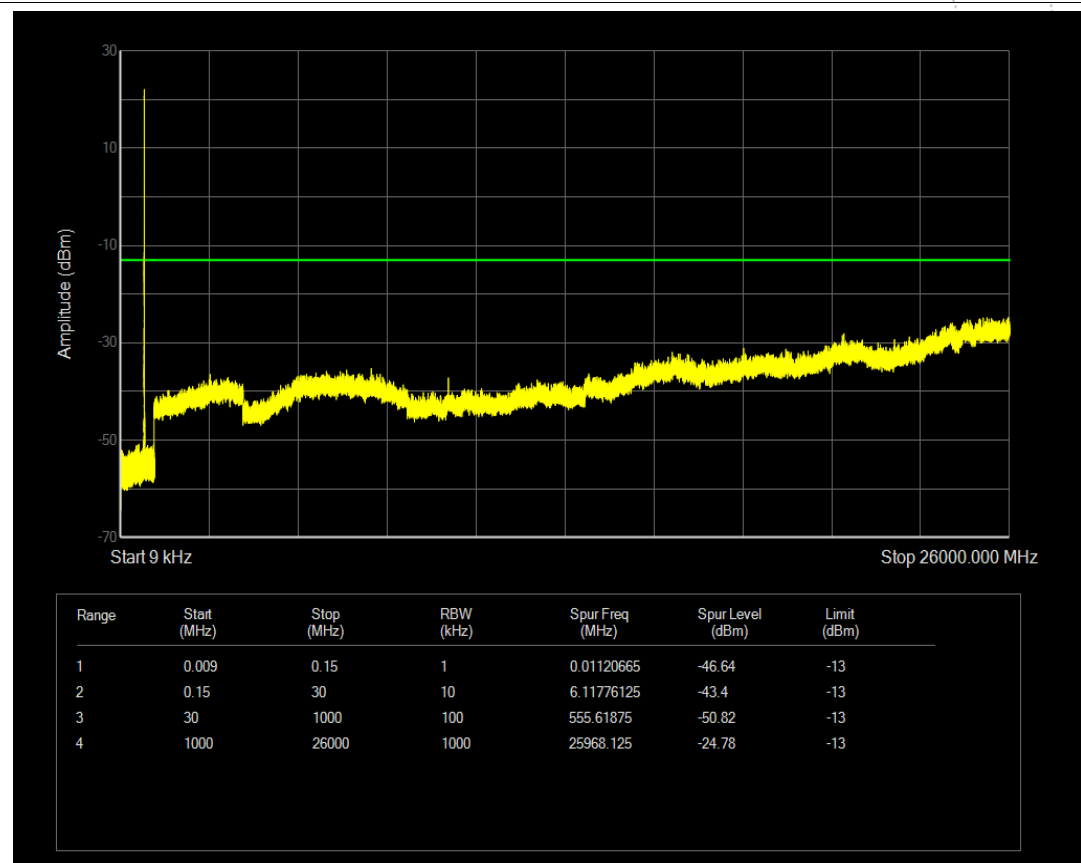


Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.11650545	-47.22	-13
2	0.15	30	10	6.42820125	-44.79	-13
3	30	1000	100	758.54275	-50.51	-13
4	1000	26000	1000	25854.375	-23.97	-13

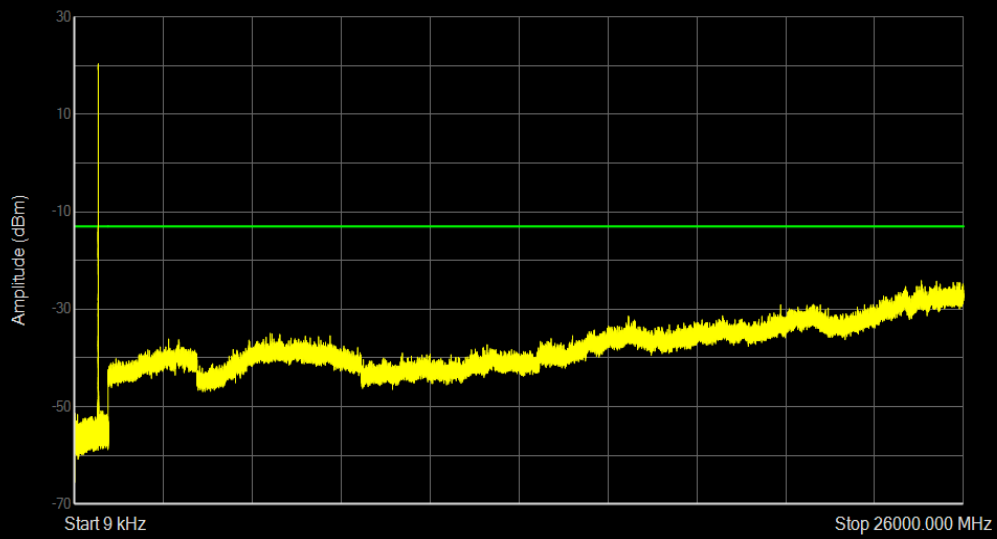
Band12 QPSK BW=1.4MHz Channel=23095 RB Size=6 Position=#0 NVNT



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

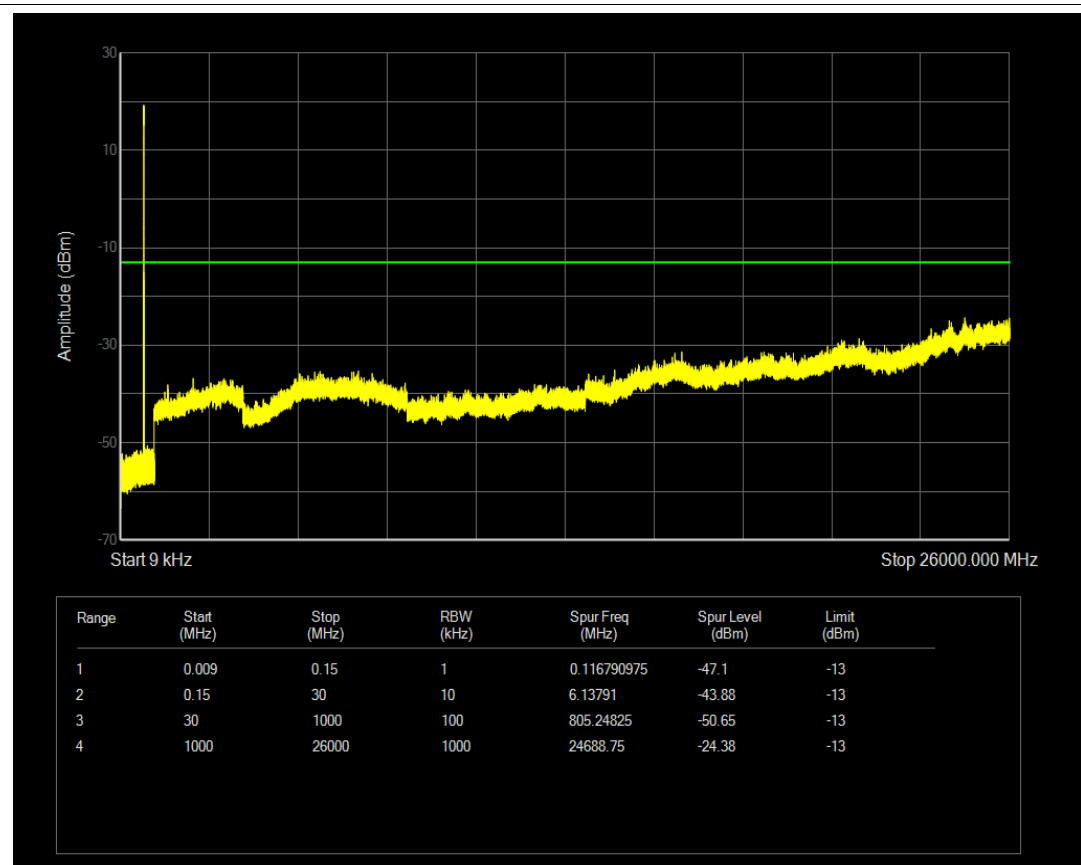


Band12 QPSK BW=1.4MHz Channel=23173 RB Size=6 Position=#0 NVNT

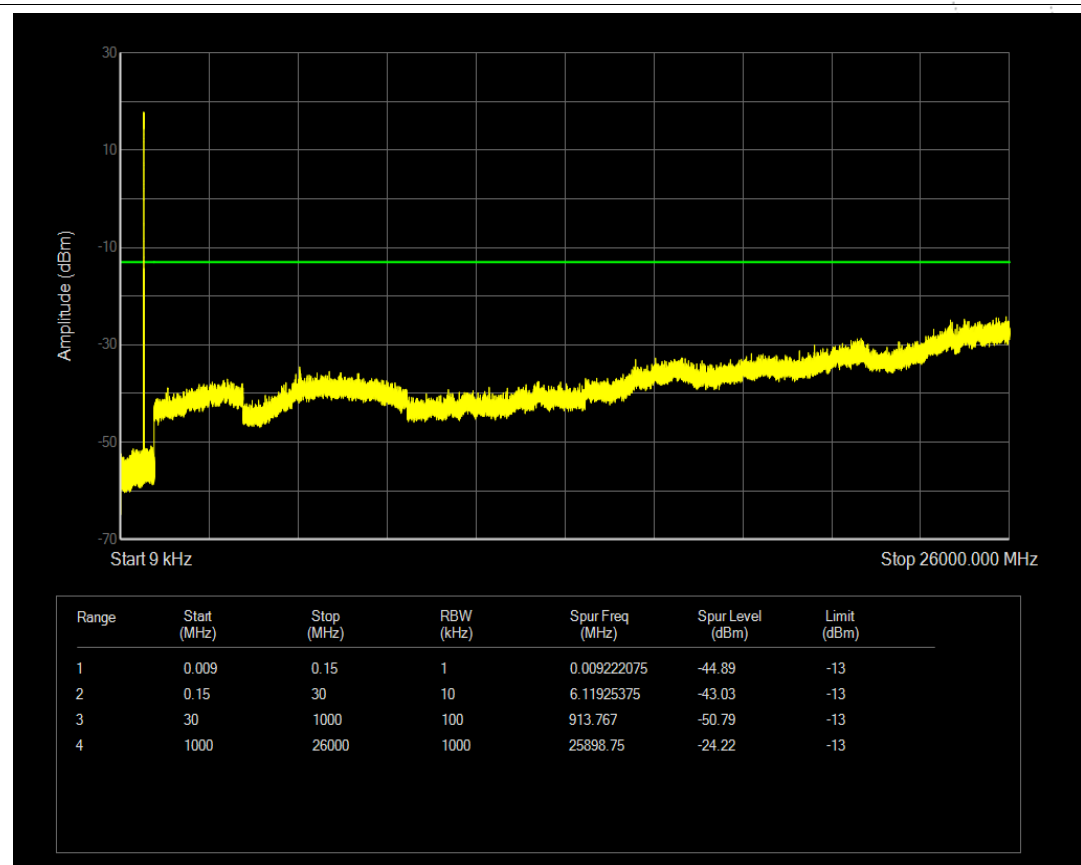


Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009426525	-45.12	-13
2	0.15	30	10	6.03716625	-44.83	-13
3	30	1000	100	789.1705	-50.92	-13
4	1000	26000	1000	24766.25	-24.14	-13

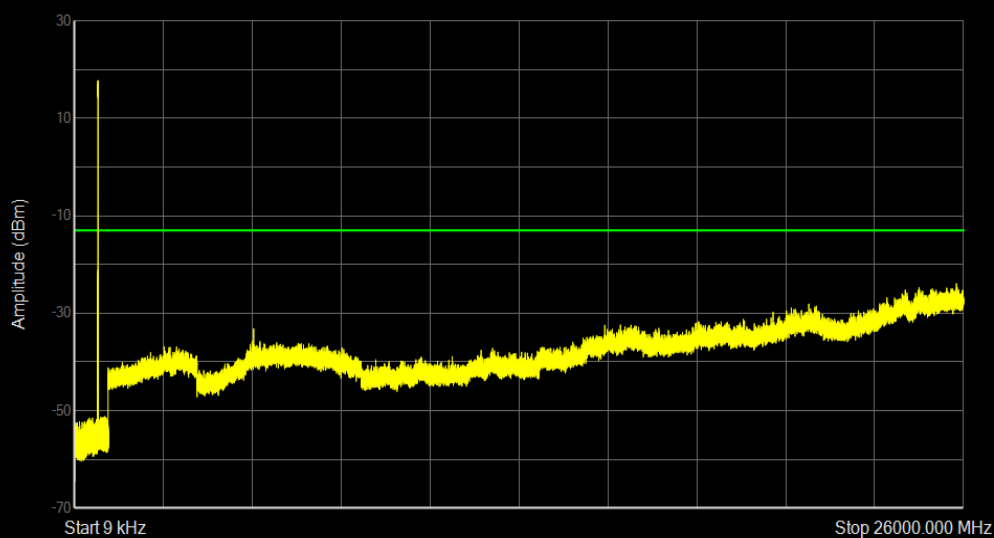
Band12 16QAM BW=1.4MHz Channel=23173 RB Size=6 Position=#0 NVNT



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

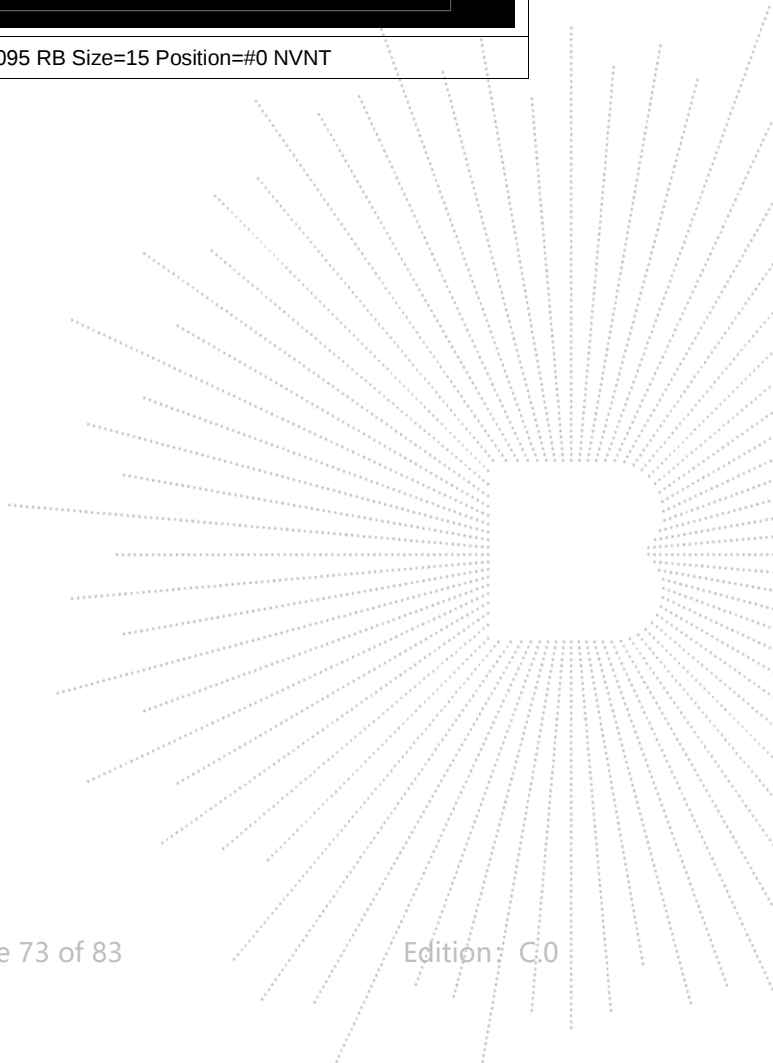


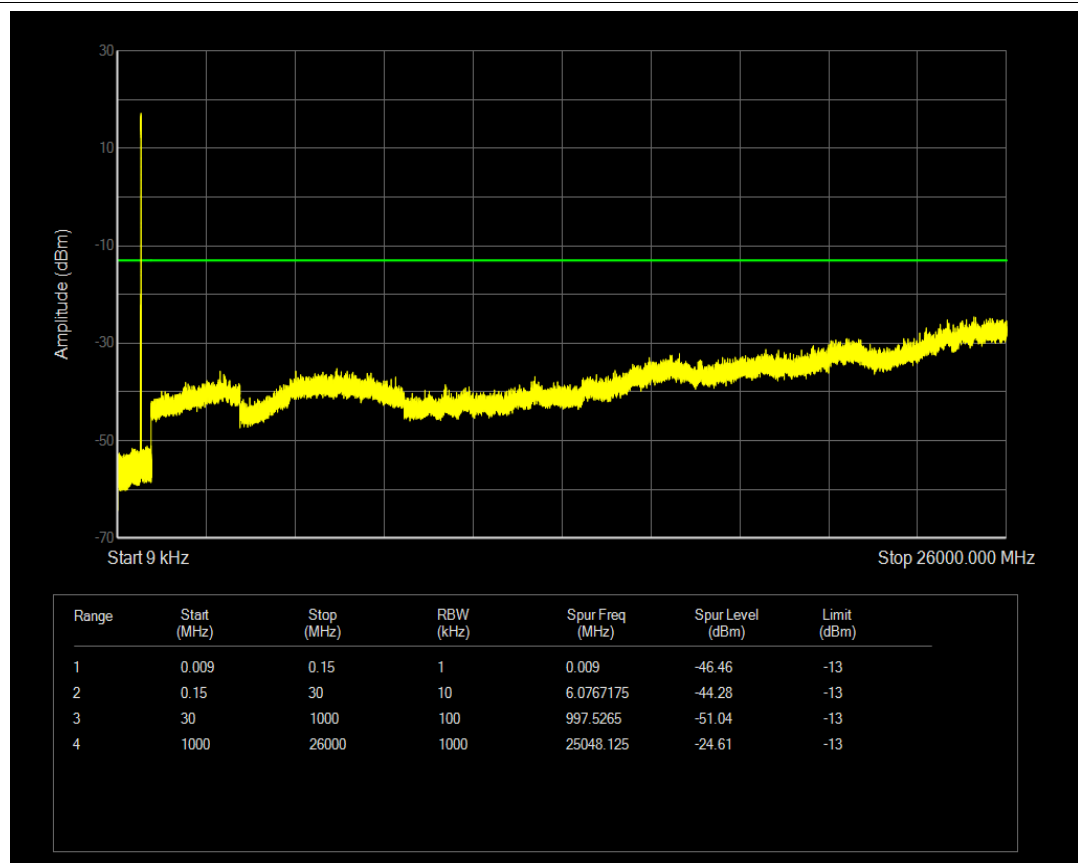
Band12 16QAM BW=3MHz Channel=23025 RB Size=15 Position=#0 NVNT



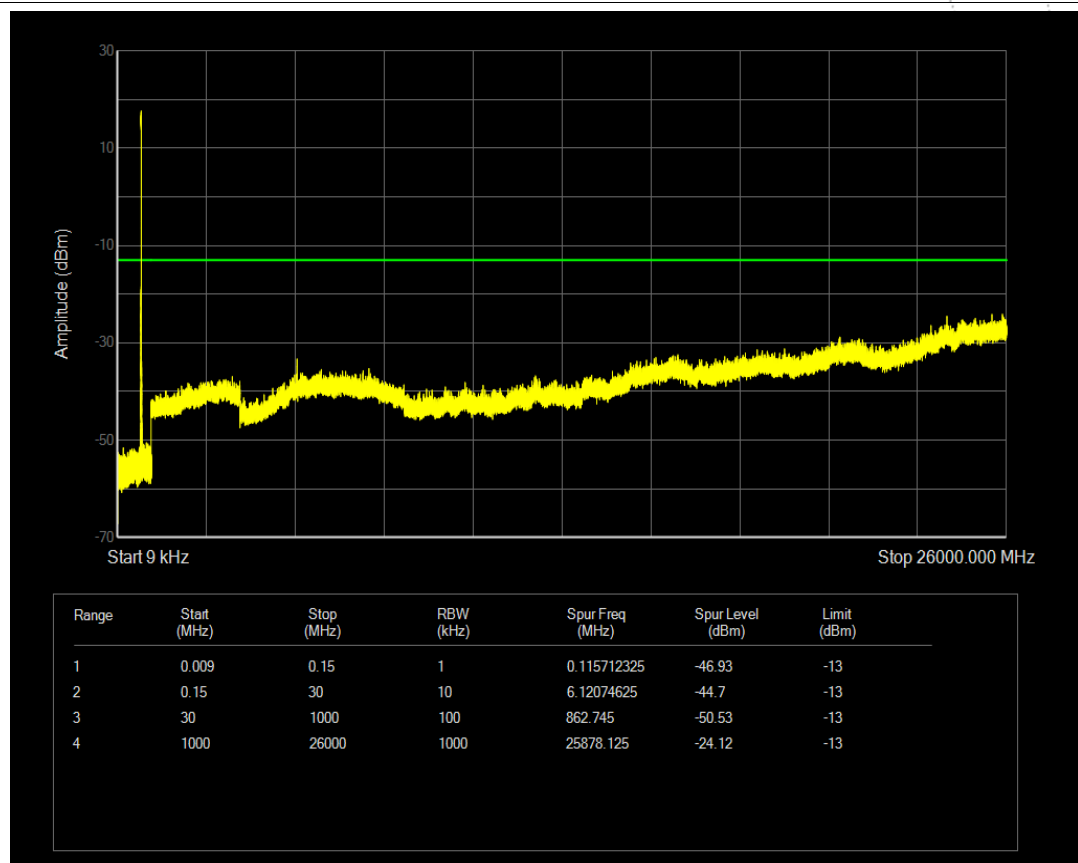
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.010286625	-45.78	-13
2	0.15	30	10	6.50282625	-45.27	-13
3	30	1000	100	907.34075	-51.21	-13
4	1000	26000	1000	25790.625	-23.93	-13

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

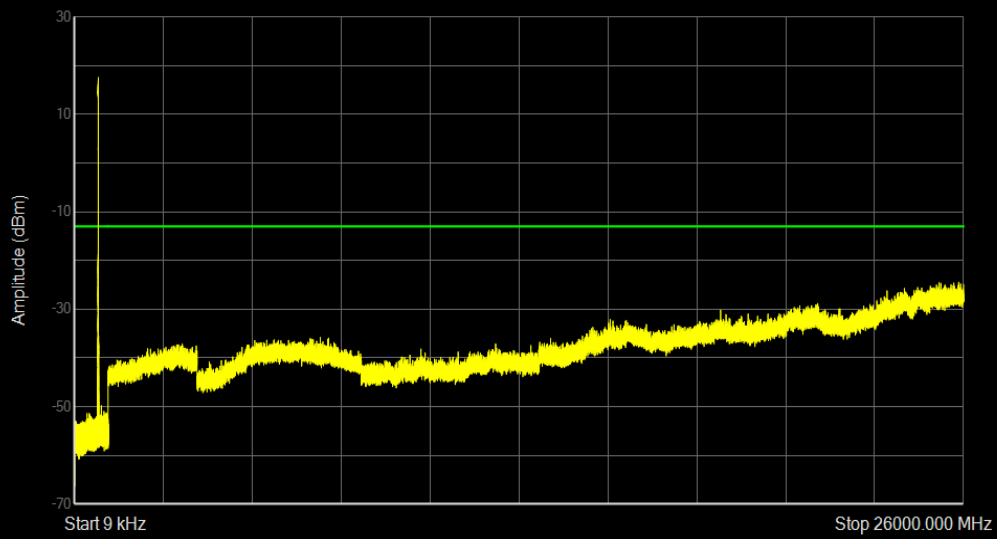




Band12 16QAM BW=3MHz Channel=23095 RB Size=15 Position=#0 NVNT

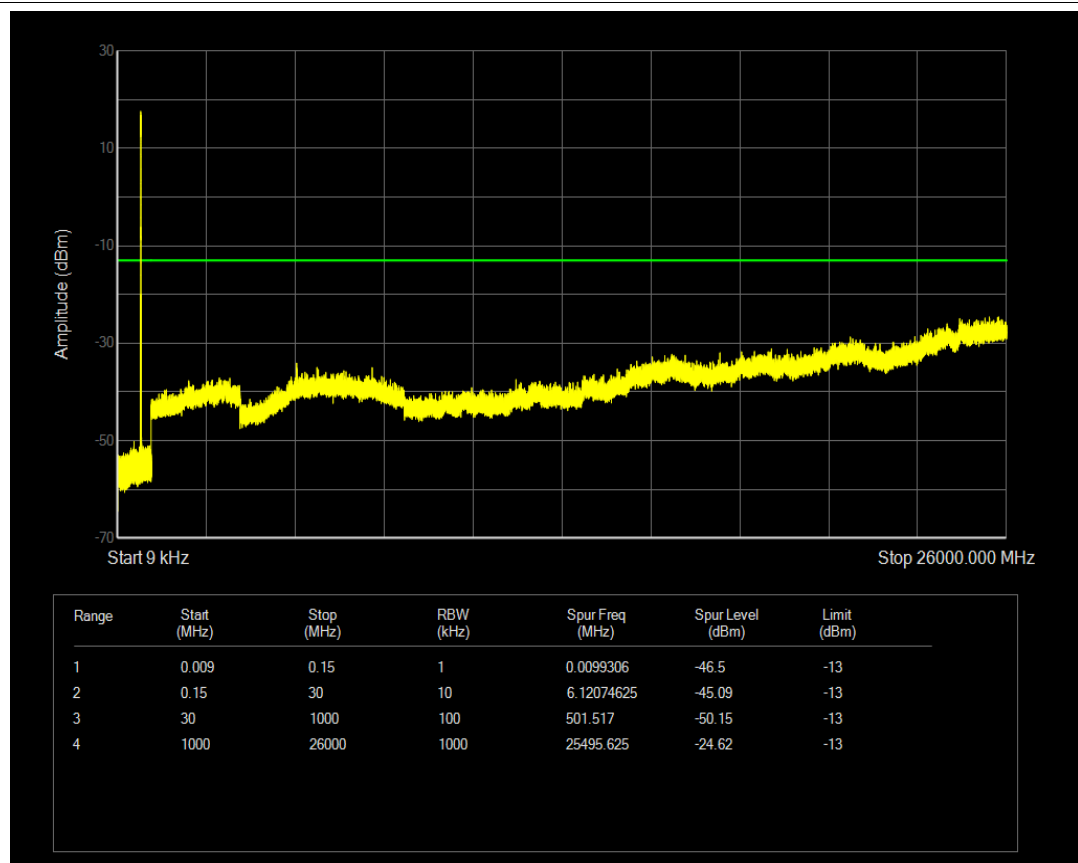


Band12 QPSK BW=3MHz Channel=23165 RB Size=15 Position=#0 NVNT

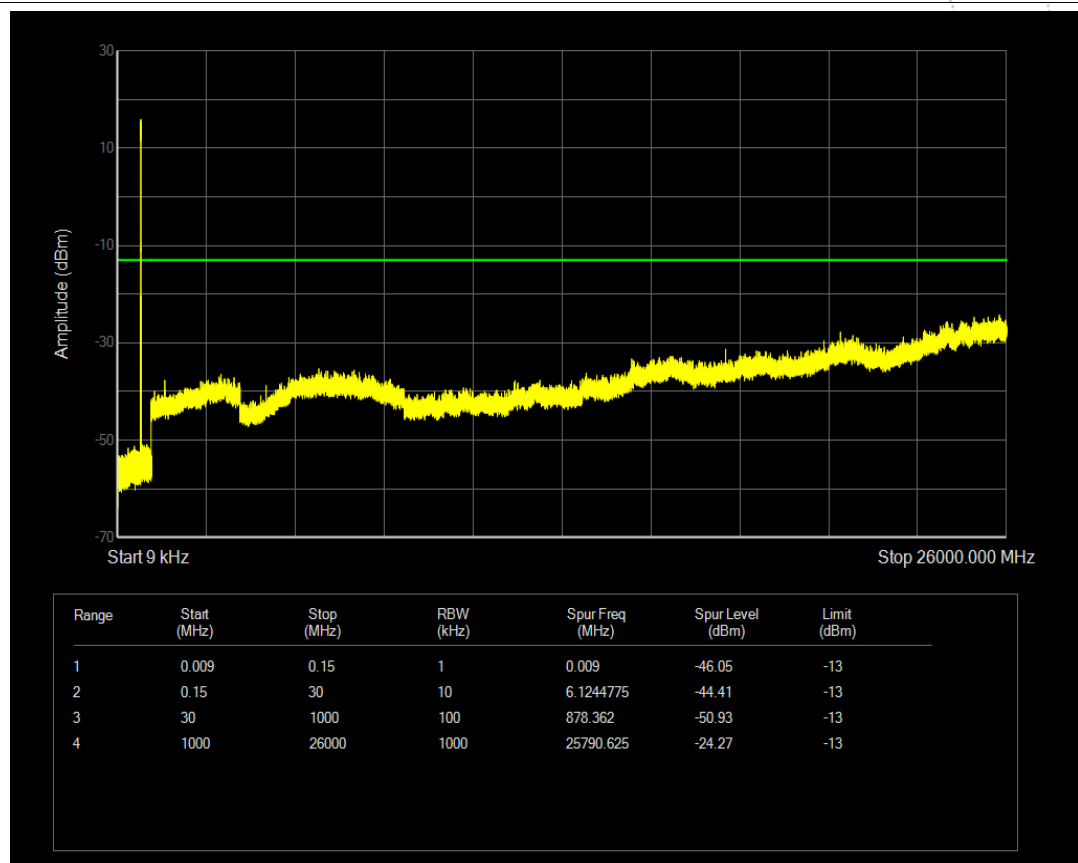


Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009962325	-46.68	-13
2	0.15	30	10	6.10582125	-44.5	-13
3	30	1000	100	806.7275	-49.83	-13
4	1000	26000	1000	25858.125	-24.46	-13

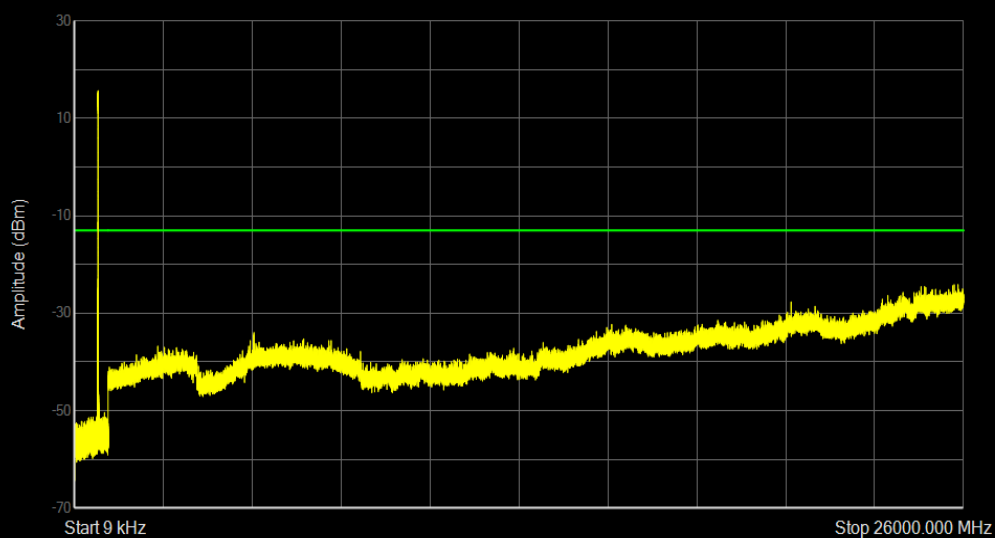
Band12 16QAM BW=3MHz Channel=23165 RB Size=15 Position=#0 NVNT



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

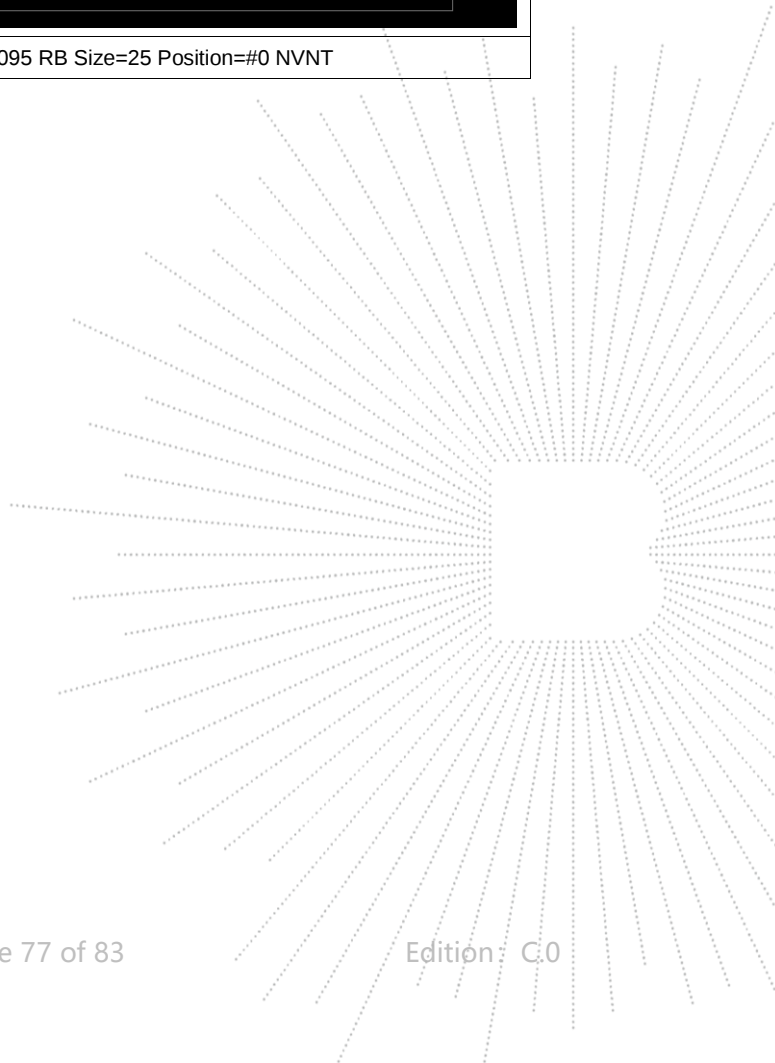


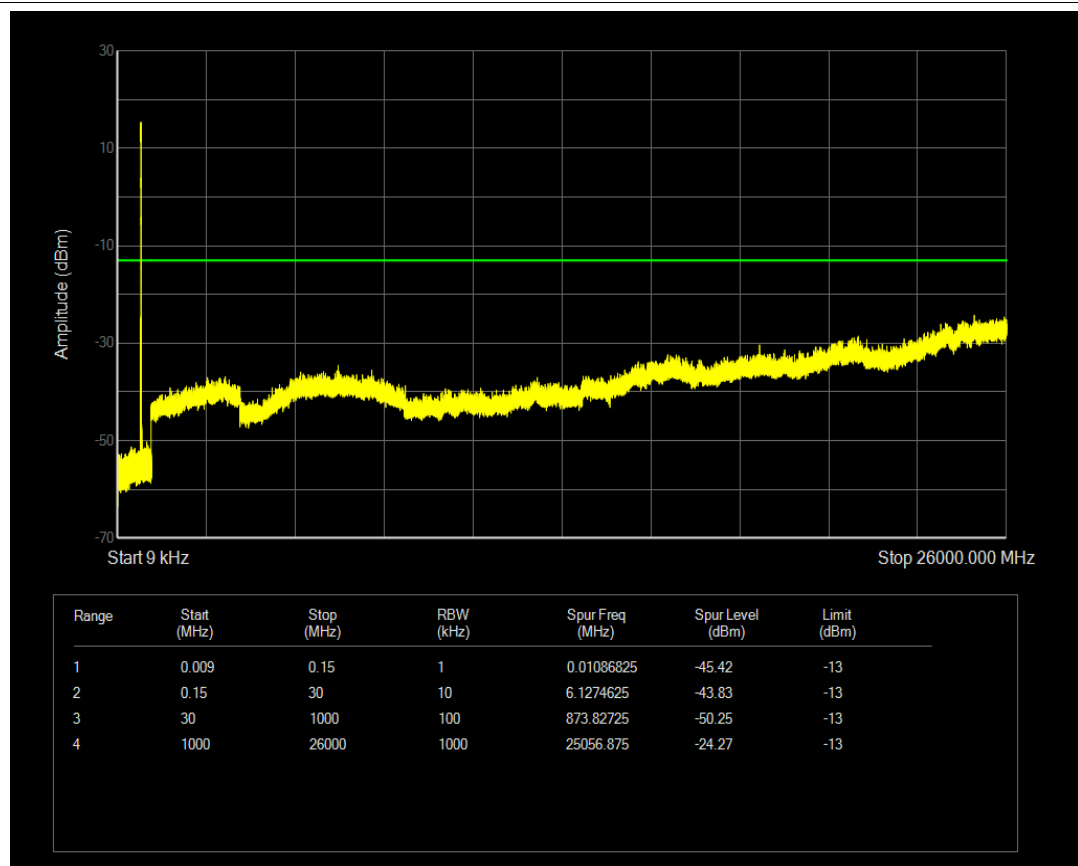
Band12 16QAM BW=5MHz Channel=23035 RB Size=25 Position=#0 NVNT



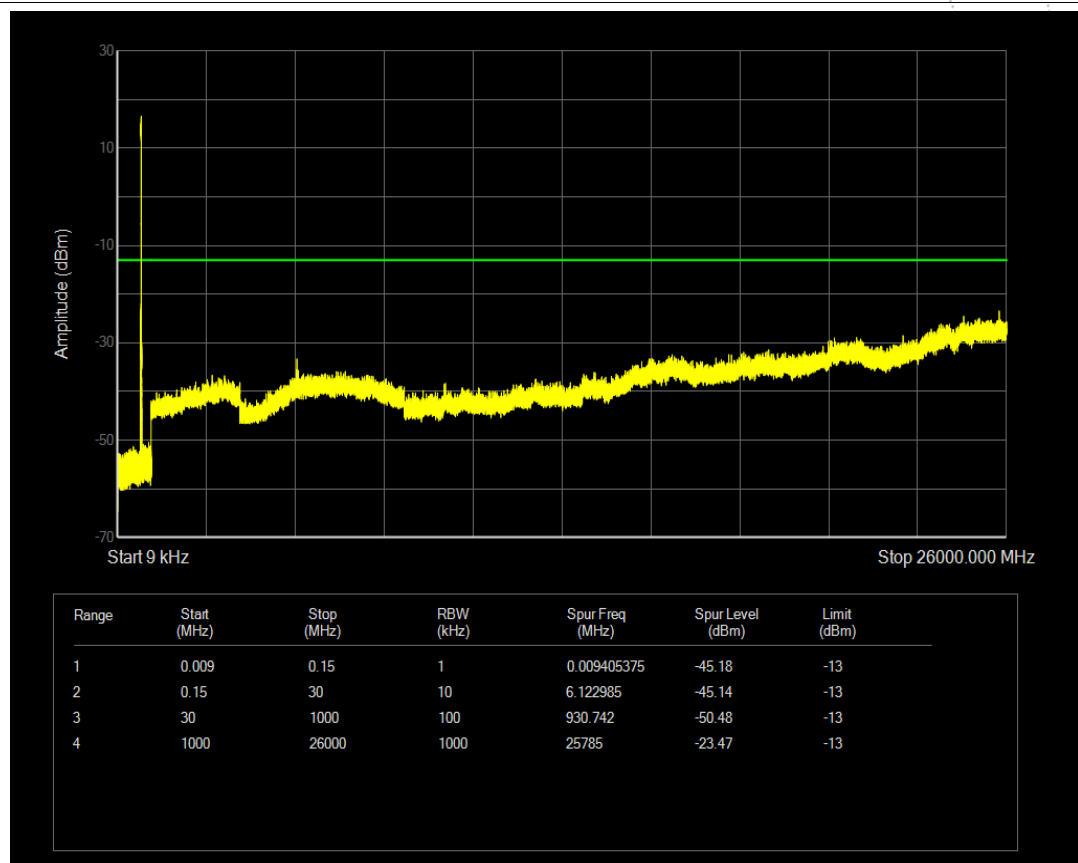
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.116967225	-46.85	-13
2	0.15	30	10	6.1334325	-44.27	-13
3	30	1000	100	897.9075	-50.39	-13
4	1000	26000	1000	25724.375	-24.16	-13

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

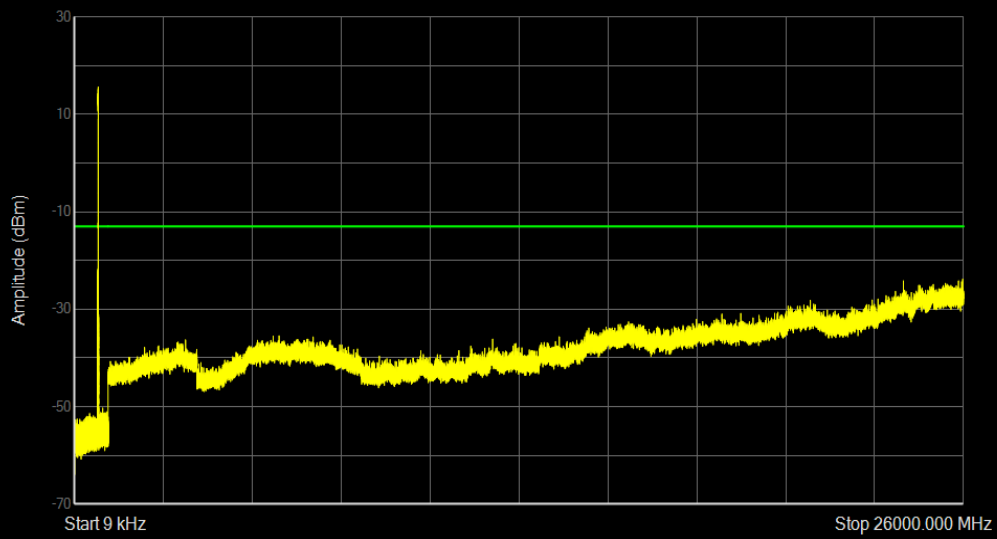




Band12 16QAM BW=5MHz Channel=23095 RB Size=25 Position=#0 NVNT

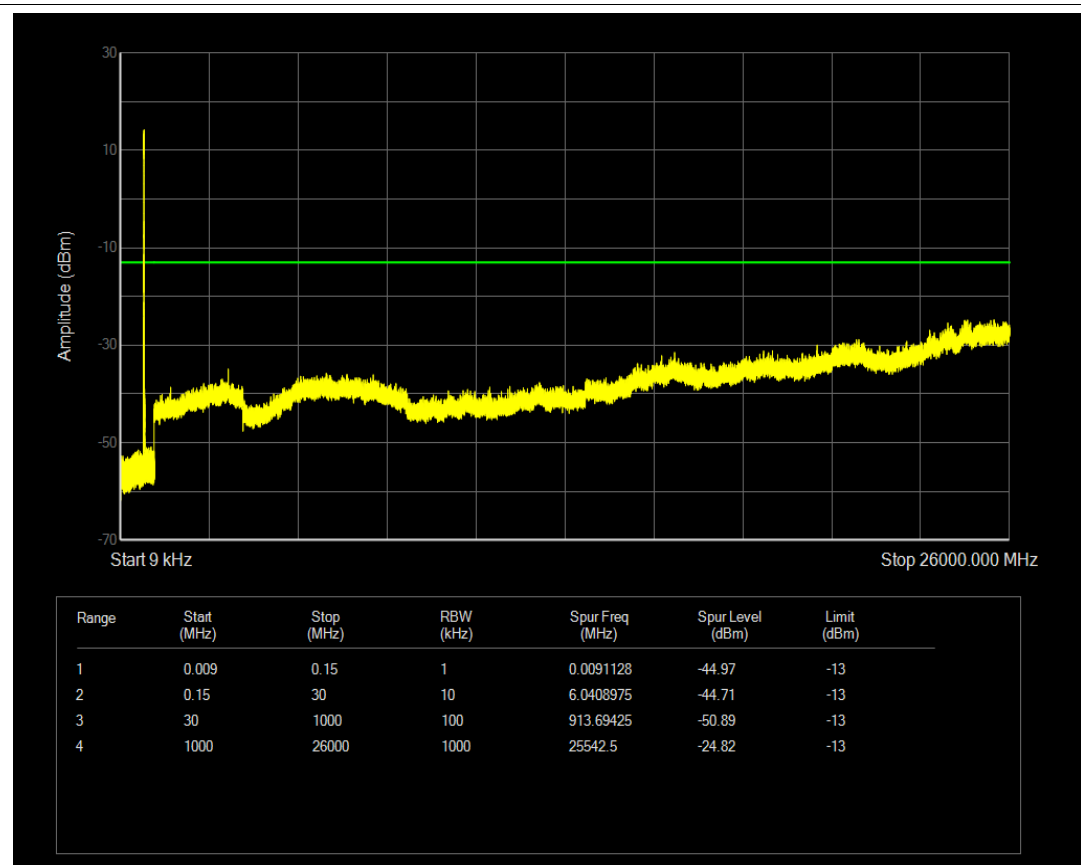


Band12 QPSK BW=5MHz Channel=23155 RB Size=25 Position=#0 NVNT

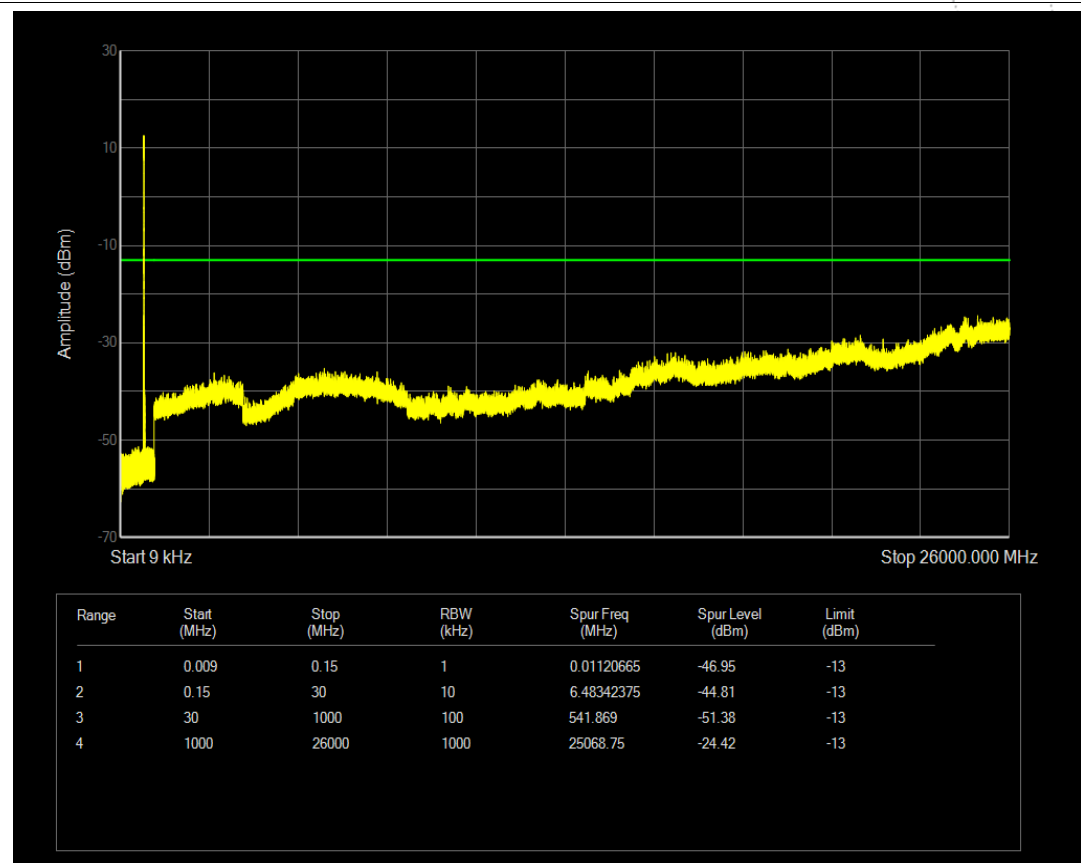


Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0094371	-46.61	-13
2	0.15	30	10	6.04612125	-44.57	-13
3	30	1000	100	842.25375	-50.3	-13
4	1000	26000	1000	25975	-23.82	-13

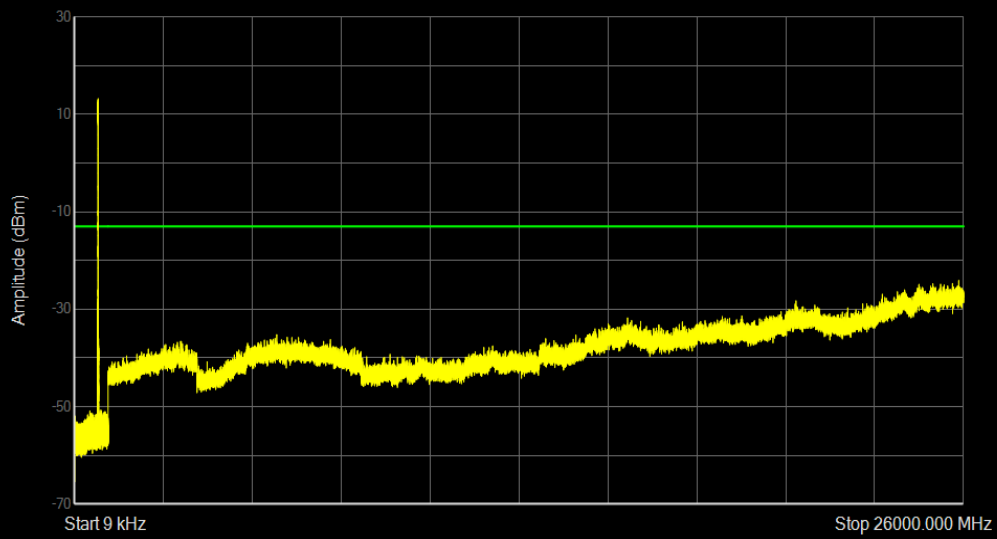
Band12 16QAM BW=5MHz Channel=23155 RB Size=25 Position=#0 NVNT



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

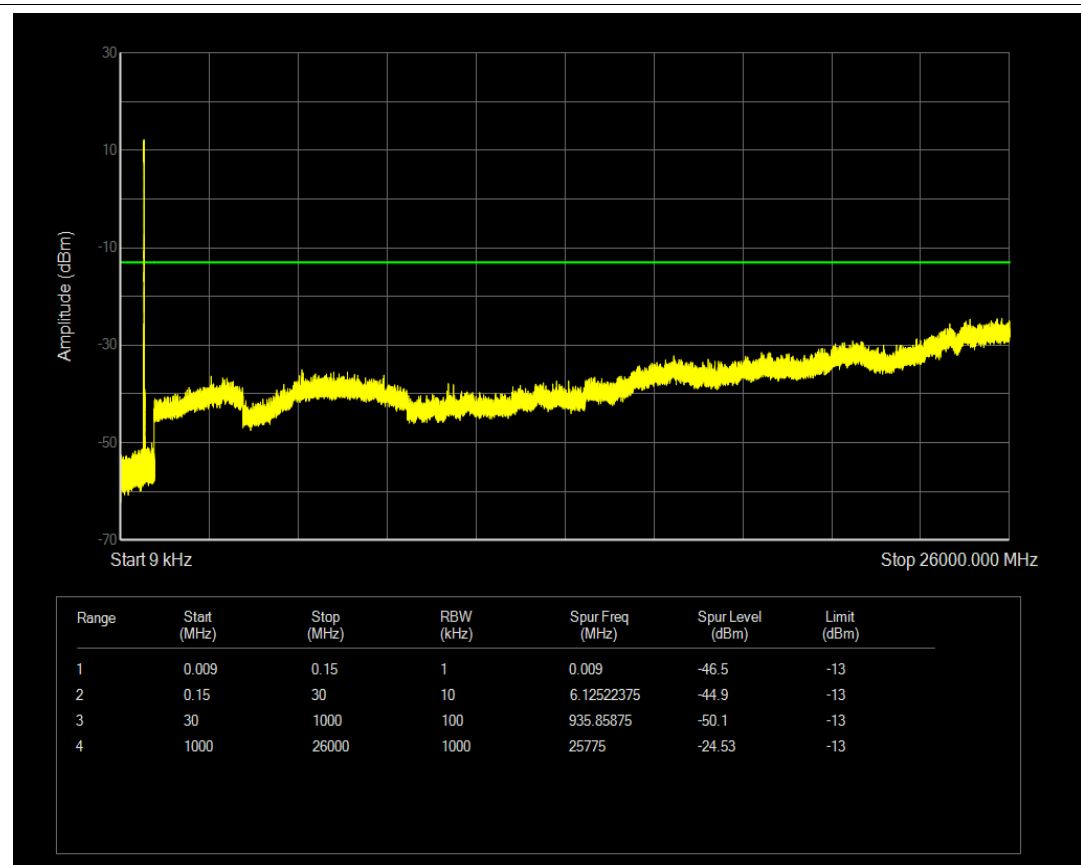


Band12 16QAM BW=10MHz Channel=23060 RB Size=50 Position=#0 NVNT

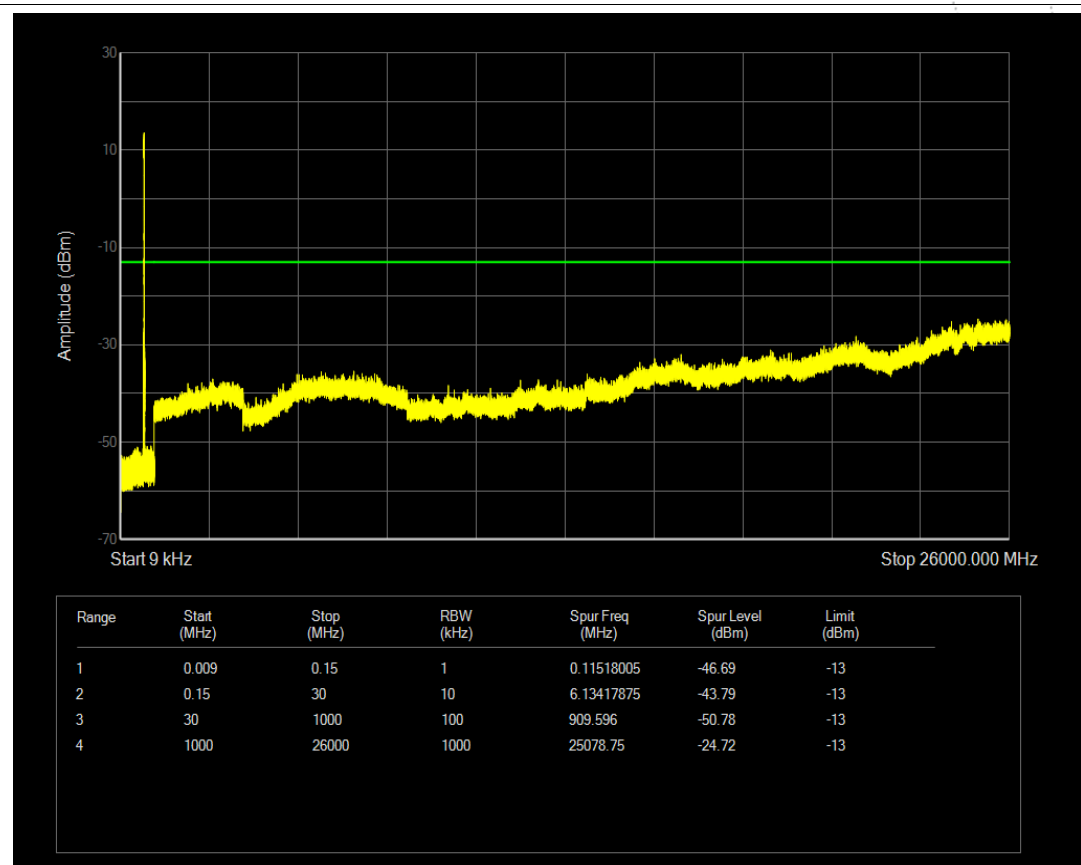


Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-46	-13
2	0.15	30	10	6.087165	-44.92	-13
3	30	1000	100	790.6255	-50.72	-13
4	1000	26000	1000	25860.625	-24.1	-13

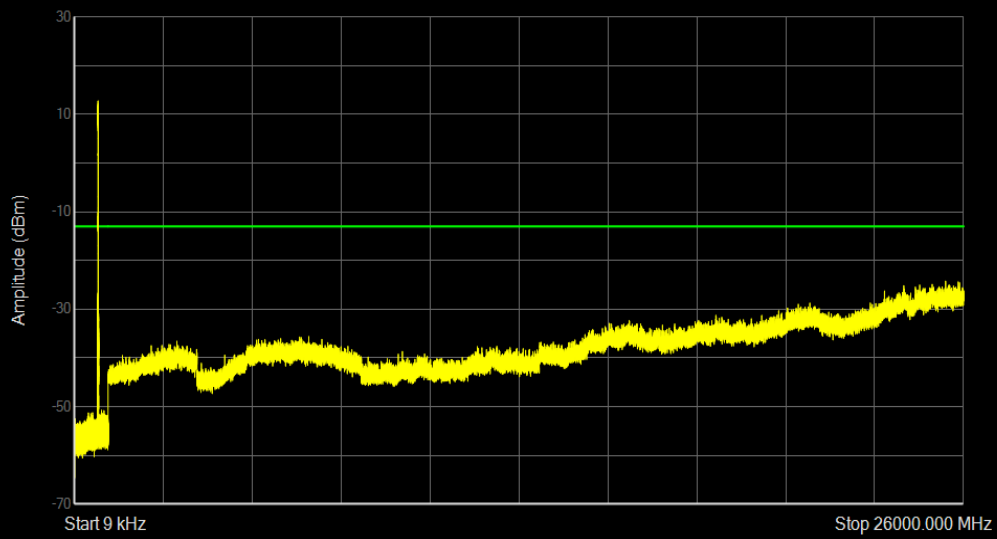
Band12 QPSK BW=10MHz Channel=23095 RB Size=50 Position=#0 NVNT



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	0.009398325	-46.61	-13
2	0.15	30	10	6.0737325	-44.74	-13
3	30	1000	100	809.61325	-50.75	-13
4	1000	26000	1000	25475.625	-24.24	-13

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