Appendix for Band 12

Report No.:	BCTC2501387884-6E
Applicant:	SHENZHEN YUNJI INTELLIGENT TECHNOLOGY CO.,LTD
Product Name:	Smart Phone
Test Model:	C60
Tested Date:	2025-01-03 to 2025-02-25

Shenzhen BCTC Testing Co., Ltd.

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

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Gain (dBm)	ERP (dBm)	Verdict
Band12	1.4	23017	1	#0	QPSK	23.86	-4.25	17.46	PASS
Band12	1.4	23017	1	#Mid	QPSK	23.91	-4.25	17.51	PASS
Band12	1.4	23017	1	#Max	QPSK	23.91	-4.25	17.51	PASS
Band12	1.4	23017	3	#0	QPSK	23.89	-4.25	17.49	PASS
Band12	1.4	23017	3	#Mid	QPSK	23.89	-4.25	17.49	PASS
Band12	1.4	23017	3	#Max	QPSK	23.94	-4.25	17.54	PASS
Band12	1.4	23017	6	#0	QPSK	23.36	-4.25	16.96	PASS
Band12	1.4	23017	1	#0	16QAM	24.56	-4.25	18.16	PASS
Band12	1.4	23017	1	#Mid	16QAM	24.54	-4.25	18.14	PASS
Band12	1.4	23017	1	#Max	16QAM	24.56	-4.25	18.16	PASS
Band12	1.4	23017	3	#0	16QAM	23.70	-4.25	17.30	PASS
Band12	1.4	23017	3	#Mid	16QAM	23.66	-4.25	17.26	PASS
Band12	1.4	23017	3	#Max	16QAM	23.75	-4.25	17.35	PASS
Band12	1.4	23017	6	#0	16QAM	22.56	-4.25	16.16	PASS
Band12	1.4	23095	1	#0	QPSK	23.93	-4.25	17.53	PASS
Band12	1.4	23095	1	#Mid	QPSK	23.99	-4.25	17.59	PASS
Band12	1.4	23095	1	#Max	QPSK	23.98	-4.25	17.58	PASS
Band12	1.4	23095	3	#0	QPSK	23.93	-4.25	17.53	PASS
Band12	1.4	23095	3	#Mid	QPSK	23.89	-4.25	17.49	PASS
Band12	1.4	23095	3	#Max	QPSK	23.94	-4.25	17.54	PASS
Band12	1.4	23095	6	#0	QPSK	22.93	-4.25	16.53	PASS
Band12	1.4	23095	1	#0	16QAM	22.96	-4.25	16.56	PASS
Band12	1.4	23095	1	#Mid	16QAM	23.01	-4.25	16.61	PASS
Band12	1.4	23095	1	#Max	16QAM	22.87	-4.25	16.47	PASS
Band12	1.4	23095	3	#0	16QAM	22.97	-4.25	16.57	PASS
Band12	1.4	23095	3	#Mid	16QAM	22.92	-4.25	16.52	PASS
Band12	1.4	23095	3	#Max	16QAM	22.92	-4.25	16.52	PASS
Band12	1.4	23095	6	#0	16QAM	22.13	-4.25	15.73	PASS
Band12	1.4	23173	1	#0	QPSK	23.81	-4.25	17.41	PASS
Band12	1.4	23173	1	#Mid	QPSK	23.82	-4.25	17.42	PASS
Band12	1.4	23173	1	#Max	QPSK	23.81	-4.25	17.41	PASS
Band12	1.4	23173	3	#0	QPSK	23.75	-4.25	17.35	PASS
Band12	1.4	23173	3	#Mid	QPSK	23.72	-4.25	17.32	PASS
Band12	1.4	23173	3	#Max	QPSK	23.74	-4.25	17.34	PASS
Band12	1.4	23173	6	#0	QPSK	22.71	-4.25	16.31	PASS
Band12	1.4	23173	1	#0	16QAM	22.69	-4.25	16.29	PASS

Band12	1.4	23173	1	#Mid	16QAM	22.72	-4.25	16.32	PASS
Band12	1.4	23173	1	#Max	16QAM	22.69	-4.25	16.29	PASS
Band12	1.4	23173	3	#0	16QAM	22.61	-4.25	16.21	PASS
Band12	1.4	23173	3	#Mid	16QAM	22.59	-4.25	16.19	PASS
Band12	1.4	23173	3	#Max	16QAM	22.63	-4.25	16.23	PASS
Band12	1.4	23173	6	#0	16QAM	22.17	-4.25	15.77	PASS
Band12	3	23025	1	#0	QPSK	23.85	-4.25	17.45	PASS
Band12	3	23025	1	#Mid	QPSK	23.84	-4.25	17.44	PASS
Band12	3	23025	1	#Max	QPSK	23.91	-4.25	17.51	PASS
Band12	3	23025	8	#0	QPSK	23.44	-4.25	17.04	PASS
Band12	3	23025	8	#Mid	QPSK	23.38	-4.25	16.98	PASS
Band12	3	23025	8	#Max	QPSK	22.85	-4.25	16.45	PASS
Band12	3	23025	15	#0	QPSK	23.44	-4.25	17.04	PASS
Band12	3	23025	1	#0	16QAM	24.43	-4.25	18.03	PASS
Band12	3	23025	1	#Mid	16QAM	24.40	-4.25	18.00	PASS
Band12	3	23025	1	#Max	16QAM	23.88	-4.25	17.48	PASS
Band12	3	23025	8	#0	16QAM	22.31	-4.25	15.91	PASS
Band12	3	23025	8	#Mid	16QAM	22.28	-4.25	15.88	PASS
Band12	3	23025	8	#Max	16QAM	22.37	-4.25	15.97	PASS
Band12	3	23025	15	#0	16QAM	22.55	-4.25	16.15	PASS
Band12	3	23095	1	#0	QPSK	23.99	-4.25	17.59	PASS
Band12	3	23095	1	#Mid	QPSK	23.99	-4.25	17.59	PASS
Band12	3	23095	1	#Max	QPSK	23.96	-4.25	17.56	PASS
Band12	3	23095	8	#0	QPSK	23.00	-4.25	16.60	PASS
Band12	3	23095	8	#Mid	QPSK	23.01	-4.25	16.61	PASS
Band12	3	23095	8	#Max	QPSK	22.99	-4.25	16.59	PASS
Band12	3	23095	15	#0	QPSK	22.97	-4.25	16.57	PASS
Band12	3	23095	1	#0	16QAM	23.02	-4.25	16.62	PASS
Band12	3	23095	1	#Mid	16QAM	23.05	-4.25	16.65	PASS
Band12	3	23095	1	#Max	16QAM	22.97	-4.25	16.57	PASS
Band12	3	23095	8	#0	16QAM	21.98	-4.25	15.58	PASS
Band12	3	23095	8	#Mid	16QAM	21.91	-4.25	15.51	PASS
Band12	3	23095	8	#Max	16QAM	22.03	-4.25	15.63	PASS
Band12	3	23095	15	#0	16QAM	21.93	-4.25	15.53	PASS
Band12	3	23165	1	#0	QPSK	23.98	-4.25	17.58	PASS
Band12	3	23165	1	#Mid	QPSK	23.88	-4.25	17.48	PASS
Band12	3	23165	1	#Max	QPSK	23.91	-4.25	17.51	PASS
Band12	3	23165	8	#0	QPSK	22.83	-4.25	16.43	PASS
Band12	3	23165	8	#Mid	QPSK	22.87	-4.25	16.47	PASS
Band12	3	23165	8	#Max	QPSK	22.76	-4.25	16.36	PASS
Band12	3	23165	15	#0	QPSK	22.94	-4.25	16.54	PASS
Band12	3	23165	1	#0	16QAM	22.84	-4.25	16.44	PASS
Band12	3	23165	1	#Mid	16QAM	22.75	-4.25	16.35	PASS

Band12	3	23165	1	#Max	16QAM	22.80	-4.25	16.40	PASS
Band12	3	23165	8	#0	16QAM	22.29	-4.25	15.89	PASS
Band12	3	23165	8	#Mid	16QAM	22.21	-4.25	15.81	PASS
Band12	3	23165	8	#Max	16QAM	22.33	-4.25	15.93	PASS
Band12	3	23165	15	#0	16QAM	22.24	-4.25	15.84	PASS
Band12	5	23035	1	#0	QPSK	23.21	-4.25	16.81	PASS
Band12	5	23035	1	#Mid	QPSK	22.42	-4.25	16.02	PASS
Band12	5	23035	1	#Max	QPSK	22.46	-4.25	16.06	PASS
Band12	5	23035	12	#0	QPSK	23.50	-4.25	17.10	PASS
Band12	5	23035	12	#Mid	QPSK	23.09	-4.25	16.69	PASS
Band12	5	23035	12	#Max	QPSK	22.85	-4.25	16.45	PASS
Band12	5	23035	25	#0	QPSK	22.87	-4.25	16.47	PASS
Band12	5	23035	1	#0	16QAM	23.56	-4.25	17.16	PASS
Band12	5	23035	1	#Mid	16QAM	23.08	-4.25	16.68	PASS
Band12	5	23035	1	#Max	16QAM	23.21	-4.25	16.81	PASS
Band12	5	23035	12	#0	16QAM	22.42	-4.25	16.02	PASS
Band12	5	23035	12	#Mid	16QAM	22.46	-4.25	16.06	PASS
Band12	5	23035	12	#Max	16QAM	22.45	-4.25	16.05	PASS
Band12	5	23035	25	#0	16QAM	22.64	-4.25	16.24	PASS
Band12	5	23095	1	#0	QPSK	23.21	-4.25	16.81	PASS
Band12	5	23095	1	#Mid	QPSK	22.42	-4.25	16.02	PASS
Band12	5	23095	1	#Max	QPSK	22.46	-4.25	16.06	PASS
Band12	5	23095	12	#0	QPSK	23.02	-4.25	16.62	PASS
Band12	5	23095	12	#Mid	QPSK	22.99	-4.25	16.59	PASS
Band12	5	23095	12	#Max	QPSK	22.91	-4.25	16.51	PASS
Band12	5	23095	25	#0	QPSK	22.81	-4.25	16.41	PASS
Band12	5	23095	1	#0	16QAM	23.14	-4.25	16.74	PASS
Band12	5	23095	1	#Mid	16QAM	23.03	-4.25	16.63	PASS
Band12	5	23095	1	#Max	16QAM	23.37	-4.25	16.97	PASS
Band12	5	23095	12	#0	16QAM	21.92	-4.25	15.52	PASS
Band12	5	23095	12	#Mid	16QAM	21.81	-4.25	15.41	PASS
Band12	5	23095	12	#Max	16QAM	21.61	-4.25	15.21	PASS
Band12	5	23095	25	#0	16QAM	21.95	-4.25	15.55	PASS
Band12	5	23155	1	#0	QPSK	23.21	-4.25	16.81	PASS
Band12	5	23155	1	#Mid	QPSK	22.42	-4.25	16.02	PASS
Band12	5	23155	1	#Max	QPSK	23.59	-4.25	17.19	PASS
Band12	5	23155	12	#0	QPSK	23.27	-4.25	16.87	PASS
Band12	5	23155	12	#Mid	QPSK	22.85	-4.25	16.45	PASS
Band12	5	23155	12	#Max	QPSK	22.82	-4.25	16.42	PASS
Band12	5	23155	25	#0	QPSK	22.90	-4.25	16.50	PASS
Band12	5	23155	1	#0	16QAM	23.75	-4.25	17.35	PASS
Band12	5	23155	1	#Mid	16QAM	23.31	-4.25	16.91	PASS
Band12	5	23155	1	#Max	16QAM	23.20	-4.25	16.80	PASS

Band12	5	23155	12	#0	16QAM	22.26	-4.25	15.86	PASS
Band12	5	23155	12	#Mid	16QAM	22.18	-4.25	15.78	PASS
Band12	5	23155	12	#Max	16QAM	22.19	-4.25	15.79	PASS
Band12	5	23155	25	#0	16QAM	22.37	-4.25	15.97	PASS
Band12	10	23060	1	#0	QPSK	23.21	-4.25	16.81	PASS
Band12	10	23060	1	#Mid	QPSK	22.42	-4.25	16.02	PASS
Band12	10	23060	1	#Max	QPSK	23.21	-4.25	16.81	PASS
Band12	10	23060	25	#0	QPSK	23.02	-4.25	16.62	PASS
Band12	10	23060	25	#Mid	QPSK	22.98	-4.25	16.58	PASS
Band12	10	23060	25	#Max	QPSK	23.03	-4.25	16.63	PASS
Band12	10	23060	50	#0	QPSK	23.04	-4.25	16.64	PASS
Band12	10	23060	1	#0	16QAM	23.21	-4.25	16.81	PASS
Band12	10	23060	1	#Mid	16QAM	22.42	-4.25	16.02	PASS
Band12	10	23060	1	#Max	16QAM	22.46	-4.25	16.06	PASS
Band12	10	23060	25	#0	16QAM	22.51	-4.25	16.11	PASS
Band12	10	23060	25	#Mid	16QAM	21.88	-4.25	15.48	PASS
Band12	10	23060	25	#Max	16QAM	22.08	-4.25	15.68	PASS
Band12	10	23060	50	#0	16QAM	21.92	-4.25	15.52	PASS
Band12	10	23095	1	#0	QPSK	23.21	-4.25	16.81	PASS
Band12	10	23095	1	#Mid	QPSK	22.42	-4.25	16.02	PASS
Band12	10	23095	1	#Max	QPSK	22.46	-4.25	16.06	PASS
Band12	10	23095	25	#0	QPSK	23.21	-4.25	16.81	PASS
Band12	10	23095	25	#Mid	QPSK	22.88	-4.25	16.48	PASS
Band12	10	23095	25	#Max	QPSK	23.30	-4.25	16.90	PASS
Band12	10	23095	50	#0	QPSK	23.03	-4.25	16.63	PASS
Band12	10	23095	1	#0	16QAM	23.21	-4.25	16.81	PASS
Band12	10	23095	1	#Mid	16QAM	22.42	-4.25	16.02	PASS
Band12	10	23095	1	#Max	16QAM	22.46	-4.25	16.06	PASS
Band12	10	23095	25	#0	16QAM	22.20	-4.25	15.80	PASS
Band12	10	23095	25	#Mid	16QAM	21.96	-4.25	15.56	PASS
Band12	10	23095	25	#Max	16QAM	22.36	-4.25	15.96	PASS
Band12	10	23095	50	#0	16QAM	21.96	-4.25	15.56	PASS
Band12	10	23130	1	#0	QPSK	23.21	-4.25	16.81	PASS
Band12	10	23130	1	#Mid	QPSK	23.80	-4.25	17.40	PASS
Band12	10	23130	1	#Max	QPSK	23.21	-4.25	16.81	PASS
Band12	10	23130	25	#0	QPSK	22.94	-4.25	16.54	PASS
Band12	10	23130	25	#Mid	QPSK	23.36	-4.25	16.96	PASS
Band12	10	23130	25	#Max	QPSK	22.77	-4.25	16.37	PASS
Band12	10	23130	50	#0	QPSK	23.31	-4.25	16.91	PASS
Band12	10	23130	1	#0	16QAM	23.21	-4.25	16.81	PASS
Band12	10	23130	1	#Mid	16QAM	22.42	-4.25	16.02	PASS
Band12	10	23130	1	#Max	16QAM	23.10	-4.25	16.70	PASS
Band12	10	23130	25	#0	16QAM	22.03	-4.25	15.63	PASS

Band12	10	23130	25	#Mid	16QAM	22.32	-4.25	15.92	PASS
Band12	10	23130	25	#Max	16QAM	22.35	-4.25	15.95	PASS
Band12	10	23130	50	#0	16QAM	22.23	-4.25	15.83	PASS

Appendix 2. Frequency stability

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Voltage (Vdc)	Temperatue (C)	Result (Hz)	Result (ppm)	Verdict
Band12	1.4	23017	6	#0	QPSK	LV	NT	-4.32	-0.006	PASS
Band12	1.4	23017	6	#0	QPSK	NV	NT	-7.44	-0.011	PASS
Band12	1.4	23017	6	#0	QPSK	HV	NT	-11.22	-0.016	PASS
Band12	1.4	23017	6	#0	16QAM	LV	NT	-14.42	-0.021	PASS
Band12	1.4	23017	6	#0	16QAM	NV	NT	-16.97	-0.024	PASS
Band12	1.4	23017	6	#0	16QAM	HV	NT	-19.15	-0.027	PASS
Band12	1.4	23095	6	#0	QPSK	LV	NT	-1.89	-0.003	PASS
Band12	1.4	23095	6	#0	QPSK	NV	NT	-3.43	-0.005	PASS
Band12	1.4	23095	6	#0	QPSK	HV	NT	-6.11	-0.009	PASS
Band12	1.4	23095	6	#0	16QAM	LV	NT	-10.39	-0.015	PASS
Band12	1.4	23095	6	#0	16QAM	NV	NT	-14.29	-0.020	PASS
Band12	1.4	23095	6	#0	16QAM	HV	NT	-14.61	-0.021	PASS
Band12	1.4	23173	6	#0	QPSK	LV	NT	3.22	0.005	PASS
Band12	1.4	23173	6	#0	QPSK	NV	NT	0.57	0.001	PASS
Band12	1.4	23173	6	#0	QPSK	HV	NT	-2.43	-0.003	PASS
Band12	1.4	23173	6	#0	16QAM	LV	NT	-6.35	-0.009	PASS
Band12	1.4	23173	6	#0	16QAM	NV	NT	-9.27	-0.013	PASS
Band12	1.4	23173	6	#0	16QAM	HV	NT	-11.39	-0.016	PASS
Band12	3	23025	15	#0	QPSK	LV	NT	10.16	0.015	PASS
Band12	3	23025	15	#0	QPSK	NV	NT	3.72	0.005	PASS
Band12	3	23025	15	#0	QPSK	HV	NT	-2.49	-0.004	PASS
Band12	3	23025	15	#0	16QAM	LV	NT	-8.37	-0.012	PASS
Band12	3	23025	15	#0	16QAM	NV	NT	-13.07	-0.019	PASS
Band12	3	23025	15	#0	16QAM	HV	NT	-15.59	-0.022	PASS
Band12	3	23095	15	#0	QPSK	LV	NT	3.60	0.005	PASS
Band12	3	23095	15	#0	QPSK	NV	NT	-0.66	-0.001	PASS
Band12	3	23095	15	#0	QPSK	HV	NT	-5.08	-0.007	PASS
Band12	3	23095	15	#0	16QAM	LV	NT	-11.40	-0.016	PASS
Band12	3	23095	15	#0	16QAM	NV	NT	-15.78	-0.022	PASS
Band12	3	23095	15	#0	16QAM	HV	NT	-17.74	-0.025	PASS
Band12	3	23165	15	#0	QPSK	LV	NT	-22.93	-0.032	PASS
Band12	3	23165	15	#0	QPSK	NV	NT	-14.10	-0.020	PASS
Band12	3	23165	15	#0	QPSK	HV	NT	-14.06	-0.020	PASS
Band12	3	23165	15	#0	16QAM	LV	NT	-15.36	-0.021	PASS
Band12	3	23165	15	#0	16QAM	NV	NT	-16.61	-0.023	PASS
Band12	3	23165	15	#0	16QAM	HV	NT	-17.34	-0.024	PASS
Band12	5	23035	25	#0	QPSK	LV	NT	33.69	0.048	PASS
Band12	5	23035	25	#0	QPSK	NV	NT	27.02	0.039	PASS

Band12	5	23035	25	#0	QPSK	HV	NT	19.68	0.028	PASS
Band12	5	23035	25	#0	16QAM	LV	NT	11.54	0.016	PASS
Band12	5	23035	25	#0	16QAM	NV	NT	-20.36	-0.029	PASS
Band12	5	23035	25	#0	16QAM	HV	NT	-6.25	-0.009	PASS
Band12	5	23095	25	#0	QPSK	LV	NT	-34.66	-0.049	PASS
Band12	5	23095	25	#0	QPSK	NV	NT	-4.62	-0.007	PASS
Band12	5	23095	25	#0	QPSK	HV	NT	-19.60	-0.028	PASS
Band12	5	23095	25	#0	16QAM	LV	NT	-35.10	-0.050	PASS
Band12	5	23095	25	#0	16QAM	NV	NT	-44.96	-0.064	PASS
Band12	5	23095	25	#0	16QAM	HV	NT	-10.59	-0.015	PASS
Band12	5	23155	25	#0	QPSK	LV	NT	-6.45	-0.009	PASS
Band12	5	23155	25	#0	QPSK	NV	NT	-11.79	-0.017	PASS
Band12	5	23155	25	#0	QPSK	HV	NT	-18.04	-0.025	PASS
Band12	5	23155	25	#0	16QAM	LV	NT	-24.75	-0.035	PASS
Band12	5	23155	25	#0	16QAM	NV	NT	-29.00	-0.041	PASS
Band12	5	23155	25	#0	16QAM	HV	NT	-31.60	-0.044	PASS
Band12	10	23060	50	#0	QPSK	LV	NT	20.44	0.029	PASS
Band12	10	23060	50	#0	QPSK	NV	NT	5.91	0.008	PASS
Band12	10	23060	50	#0	QPSK	HV	NT	-8.90	-0.013	PASS
Band12	10	23060	50	#0	16QAM	LV	NT	-20.77	-0.030	PASS
Band12	10	23060	50	#0	16QAM	NV	NT	-29.45	-0.042	PASS
Band12	10	23060	50	#0	16QAM	HV	NT	-34.89	-0.050	PASS
Band12	10	23095	50	#0	QPSK	LV	NT	-9.31	-0.013	PASS
Band12	10	23095	50	#0	QPSK	NV	NT	-16.01	-0.023	PASS
Band12	10	23095	50	#0	QPSK	HV	NT	-23.83	-0.034	PASS
Band12	10	23095	50	#0	16QAM	LV	NT	-30.80	-0.044	PASS
Band12	10	23095	50	#0	16QAM	NV	NT	-33.87	-0.048	PASS
Band12	10	23095	50	#0	16QAM	HV	NT	-35.93	-0.051	PASS
Band12	10	23130	50	#0	QPSK	LV	NT	2.86	0.004	PASS
Band12	10	23130	50	#0	QPSK	NV	NT	-2.17	-0.003	PASS
Band12	10	23130	50	#0	QPSK	HV	NT	-7.80	-0.011	PASS
Band12	10	23130	50	#0	16QAM	LV	NT	-12.50	-0.018	PASS
Band12	10	23130	50	#0	16QAM	NV	NT	-17.01	-0.024	PASS
Band12	10	23130	50	#0	16QAM	HV	NT	-18.35	-0.026	PASS

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Voltage (Vdc)	Temperatue (C)	Result (Hz)	Result (ppm)	Verdict
Band12	1.4	23017	6	#0	QPSK	NV	-30	10.07	0.014	PASS
Band12	1.4	23017	6	#0	QPSK	NV	-20	-4.92	-0.007	PASS
Band12	1.4	23017	6	#0	QPSK	NV	0	-19.21	-0.027	PASS
Band12	1.4	23017	6	#0	QPSK	NV	10	-32.11	-0.046	PASS
Band12	1.4	23017	6	#0	QPSK	NV	20	-34.73	-0.050	PASS
Band12	1.4	23017	6	#0	QPSK	NV	30	-4.95	-0.007	PASS

Band12	1.4	23017	6	#0	QPSK	NV	40	-17.21	-0.025	PASS
Band12	1.4	23017	6	#0	QPSK	NV	50	-26.54	-0.038	PASS
Band12	1.4	23017	6	#0	16QAM	NV	-30	-36.69	-0.052	PASS
Band12	1.4	23017	6	#0	16QAM	NV	-20	-43.20	-0.062	PASS
Band12	1.4	23017	6	#0	16QAM	NV	0	-48.39	-0.069	PASS
Band12	1.4	23017	6	#0	16QAM	NV	10	-2.40	-0.003	PASS
Band12	1.4	23017	6	#0	16QAM	NV	20	-5.59	-0.008	PASS
Band12	1.4	23017	6	#0	16QAM	NV	30	-24.82	-0.035	PASS
Band12	1.4	23017	6	#0	16QAM	NV	40	-35.71	-0.051	PASS
Band12	1.4	23017	6	#0	16QAM	NV	50	-34.43	-0.049	PASS
Band12	1.4	23095	6	#0	QPSK	NV	-30	-3.52	-0.005	PASS
Band12	1.4	23095	6	#0	QPSK	NV	-20	-10.39	-0.015	PASS
Band12	1.4	23095	6	#0	QPSK	NV	0	-14.48	-0.020	PASS
Band12	1.4	23095	6	#0	QPSK	NV	10	-19.45	-0.027	PASS
Band12	1.4	23095	6	#0	QPSK	NV	20	-22.97	-0.032	PASS
Band12	1.4	23095	6	#0	QPSK	NV	30	-28.02	-0.040	PASS
Band12	1.4	23095	6	#0	QPSK	NV	40	-31.33	-0.044	PASS
Band12	1.4	23095	6	#0	QPSK	NV	50	-34.86	-0.049	PASS
Band12	1.4	23095	6	#0	16QAM	NV	-30	-37.15	-0.053	PASS
Band12	1.4	23095	6	#0	16QAM	NV	-20	-39.41	-0.056	PASS
Band12	1.4	23095	6	#0	16QAM	NV	0	-39.31	-0.056	PASS
Band12	1.4	23095	6	#0	16QAM	NV	10	-39.93	-0.056	PASS
Band12	1.4	23095	6	#0	16QAM	NV	20	-40.54	-0.057	PASS
Band12	1.4	23095	6	#0	16QAM	NV	30	-42.01	-0.059	PASS
Band12	1.4	23095	6	#0	16QAM	NV	40	-41.56	-0.059	PASS
Band12	1.4	23095	6	#0	16QAM	NV	50	-42.07	-0.059	PASS
Band12	1.4	23173	6	#0	QPSK	NV	-30	1.63	0.002	PASS
Band12	1.4	23173	6	#0	QPSK	NV	-20	-2.98	-0.004	PASS
Band12	1.4	23173	6	#0	QPSK	NV	0	-8.24	-0.012	PASS
Band12	1.4	23173	6	#0	QPSK	NV	10	-11.66	-0.016	PASS
Band12	1.4	23173	6	#0	QPSK	NV	20	-15.65	-0.022	PASS
Band12	1.4	23173	6	#0	QPSK	NV	30	-19.86	-0.028	PASS
Band12	1.4	23173	6	#0	QPSK	NV	40	-23.86	-0.033	PASS
Band12	1.4	23173	6	#0	QPSK	NV	50	-26.82	-0.037	PASS
Band12	1.4	23173	6	#0	16QAM	NV	-30	-30.21	-0.042	PASS
Band12	1.4	23173	6	#0	16QAM	NV	-20	-31.87	-0.045	PASS
Band12	1.4	23173	6	#0	16QAM	NV	0	-32.44	-0.045	PASS
Band12	1.4	23173	6	#0	16QAM	NV	10	-32.50	-0.045	PASS
Band12	1.4	23173	6	#0	16QAM	NV	20	-33.90	-0.047	PASS
Band12	1.4	23173	6	#0	16QAM	NV	30	-36.89	-0.052	PASS
Band12	1.4	23173	6	#0	16QAM	NV	40	-40.68	-0.057	PASS
Band12	1.4	23173	6	#0	16QAM	NV	50	-1.54	-0.002	PASS
Band12	3	23025	15	#0	QPSK	NV	-30	11.67	0.017	PASS

Band12	3	23025	15	#0	QPSK	NV	-20	-9.53	-0.014	PASS
Band12	3	23025	15	#0	QPSK	NV	0	-31.23	-0.045	PASS
Band12	3	23025	15	#0	QPSK	NV	10	-37.79	-0.054	PASS
Band12	3	23025	15	#0	QPSK	NV	20	-39.08	-0.056	PASS
Band12	3	23025	15	#0	QPSK	NV	30	-39.85	-0.057	PASS
Band12	3	23025	15	#0	QPSK	NV	40	-41.13	-0.059	PASS
Band12	3	23025	15	#0	QPSK	NV	50	-43.44	-0.062	PASS
Band12	3	23025	15	#0	16QAM	NV	-30	-45.53	-0.065	PASS
Band12	3	23025	15	#0	16QAM	NV	-20	-46.83	-0.067	PASS
Band12	3	23025	15	#0	16QAM	NV	0	-45.02	-0.064	PASS
Band12	3	23025	15	#0	16QAM	NV	10	-44.03	-0.063	PASS
Band12	3	23025	15	#0	16QAM	NV	20	-43.46	-0.062	PASS
Band12	3	23025	15	#0	16QAM	NV	30	-42.69	-0.061	PASS
Band12	3	23025	15	#0	16QAM	NV	40	-43.32	-0.062	PASS
Band12	3	23025	15	#0	16QAM	NV	50	-43.29	-0.062	PASS
Band12	3	23095	15	#0	QPSK	NV	-30	-3.36	-0.005	PASS
Band12	3	23095	15	#0	QPSK	NV	-20	-9.73	-0.014	PASS
Band12	3	23095	15	#0	QPSK	NV	0	-12.42	-0.018	PASS
Band12	3	23095	15	#0	QPSK	NV	10	-14.41	-0.020	PASS
Band12	3	23095	15	#0	QPSK	NV	20	-15.79	-0.022	PASS
Band12	3	23095	15	#0	QPSK	NV	30	-17.58	-0.025	PASS
Band12	3	23095	15	#0	QPSK	NV	40	-20.63	-0.029	PASS
Band12	3	23095	15	#0	QPSK	NV	50	-23.16	-0.033	PASS
Band12	3	23095	15	#0	16QAM	NV	-30	-42.39	-0.060	PASS
Band12	3	23095	15	#0	16QAM	NV	-20	-47.12	-0.067	PASS
Band12	3	23095	15	#0	16QAM	NV	0	-2.37	-0.003	PASS
Band12	3	23095	15	#0	16QAM	NV	10	10.31	0.015	PASS
Band12	3	23095	15	#0	16QAM	NV	20	15.74	0.022	PASS
Band12	3	23095	15	#0	16QAM	NV	30	20.30	0.029	PASS
Band12	3	23095	15	#0	16QAM	NV	40	21.46	0.030	PASS
Band12	3	23095	15	#0	16QAM	NV	50	22.56	0.032	PASS
Band12	3	23165	15	#0	QPSK	NV	-30	6.72	0.009	PASS
Band12	3	23165	15	#0	QPSK	NV	-20	2.66	0.004	PASS
Band12	3	23165	15	#0	QPSK	NV	0	0.83	0.001	PASS
Band12	3	23165	15	#0	QPSK	NV	10	-0.17	0.000	PASS
Band12	3	23165	15	#0	QPSK	NV	20	-1.70	-0.002	PASS
Band12	3	23165	15	#0	QPSK	NV	30	-3.46	-0.005	PASS
Band12	3	23165	15	#0	QPSK	NV	40	-3.66	-0.005	PASS
Band12	3	23165	15	#0	QPSK	NV	50	-4.79	-0.007	PASS
Band12	3	23165	15	#0	16QAM	NV	-30	-4.73	-0.007	PASS
Band12	3	23165	15	#0	16QAM	NV	-20	-3.33	-0.005	PASS
Band12	3	23165	15	#0	16QAM	NV	0	-2.68	-0.004	PASS
Band12	3	23165	15	#0	16QAM	NV	10	-1.34	-0.002	PASS

Band12	3	23165	15	#0	16QAM	NV	20	-1.23	-0.002	PASS
Band12	3	23165	15	#0	16QAM	NV	30	-1.65	-0.002	PASS
Band12	3	23165	15	#0	16QAM	NV	40	-1.33	-0.002	PASS
Band12	3	23165	15	#0	16QAM	NV	50	-1.39	-0.002	PASS
Band12	5	23035	25	#0	QPSK	NV	-30	-7.47	-0.011	PASS
Band12	5	23035	25	#0	QPSK	NV	-20	-31.90	-0.045	PASS
Band12	5	23035	25	#0	QPSK	NV	0	-16.84	-0.024	PASS
Band12	5	23035	25	#0	QPSK	NV	10	-20.28	-0.029	PASS
Band12	5	23035	25	#0	QPSK	NV	20	-20.26	-0.029	PASS
Band12	5	23035	25	#0	QPSK	NV	30	-19.83	-0.028	PASS
Band12	5	23035	25	#0	QPSK	NV	40	-19.08	-0.027	PASS
Band12	5	23035	25	#0	QPSK	NV	50	-20.17	-0.029	PASS
Band12	5	23035	25	#0	16QAM	NV	-30	-20.36	-0.029	PASS
Band12	5	23035	25	#0	16QAM	NV	-20	-19.60	-0.028	PASS
Band12	5	23035	25	#0	16QAM	NV	0	-20.04	-0.029	PASS
Band12	5	23035	25	#0	16QAM	NV	10	-18.08	-0.026	PASS
Band12	5	23035	25	#0	16QAM	NV	20	-18.53	-0.026	PASS
Band12	5	23035	25	#0	16QAM	NV	30	-18.12	-0.026	PASS
Band12	5	23035	25	#0	16QAM	NV	40	-18.74	-0.027	PASS
Band12	5	23035	25	#0	16QAM	NV	50	-20.83	-0.030	PASS
Band12	5	23095	25	#0	QPSK	NV	-30	-11.54	-0.016	PASS
Band12	5	23095	25	#0	QPSK	NV	-20	-16.35	-0.023	PASS
Band12	5	23095	25	#0	QPSK	NV	0	-21.16	-0.030	PASS
Band12	5	23095	25	#0	QPSK	NV	10	-36.03	-0.051	PASS
Band12	5	23095	25	#0	QPSK	NV	20	-39.15	-0.055	PASS
Band12	5	23095	25	#0	QPSK	NV	30	-32.50	-0.046	PASS
Band12	5	23095	25	#0	QPSK	NV	40	-32.37	-0.046	PASS
Band12	5	23095	25	#0	QPSK	NV	50	-32.39	-0.046	PASS
Band12	5	23095	25	#0	16QAM	NV	-30	-31.37	-0.044	PASS
Band12	5	23095	25	#0	16QAM	NV	-20	-29.81	-0.042	PASS
Band12	5	23095	25	#0	16QAM	NV	0	-28.51	-0.040	PASS
Band12	5	23095	25	#0	16QAM	NV	10	-28.07	-0.040	PASS
Band12	5	23095	25	#0	16QAM	NV	20	-26.54	-0.038	PASS
Band12	5	23095	25	#0	16QAM	NV	30	-25.38	-0.036	PASS
Band12	5	23095	25	#0	16QAM	NV	40	-25.03	-0.035	PASS
Band12	5	23095	25	#0	16QAM	NV	50	-24.45	-0.035	PASS
Band12	5	23155	25	#0	QPSK	NV	-30	-6.64	-0.009	PASS
Band12	5	23155	25	#0	QPSK	NV	-20	-10.64	-0.015	PASS
Band12	5	23155	25	#0	QPSK	NV	0	-12.32	-0.017	PASS
Band12	5	23155	25	#0	QPSK	NV	10	-13.10	-0.018	PASS
Band12	5	23155	25	#0	QPSK	NV	20	-12.35	-0.017	PASS
Band12	5	23155	25	#0	QPSK	NV	30	-13.15	-0.018	PASS
Band12	5	23155	25	#0	QPSK	NV	40	-13.56	-0.019	PASS

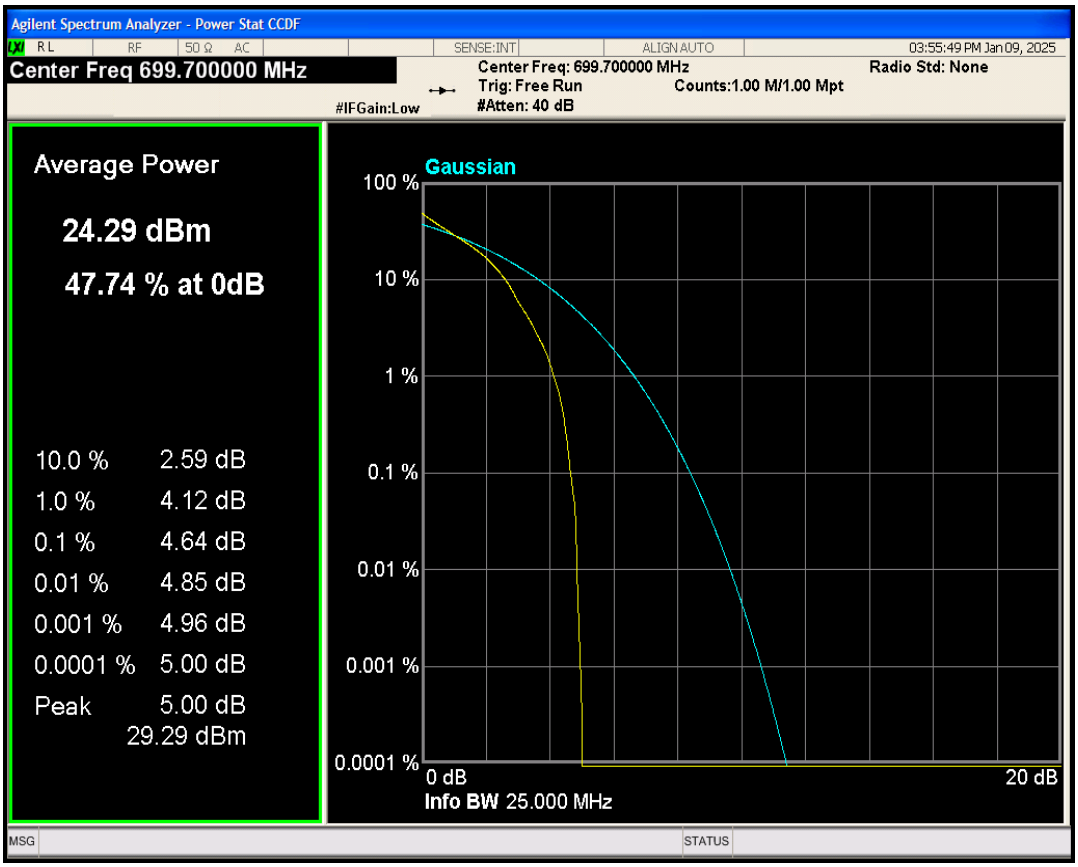
Band12	5	23155	25	#0	QPSK	NV	50	-15.75	-0.022	PASS
Band12	5	23155	25	#0	16QAM	NV	-30	-16.29	-0.023	PASS
Band12	5	23155	25	#0	16QAM	NV	-20	-14.26	-0.020	PASS
Band12	5	23155	25	#0	16QAM	NV	0	-13.73	-0.019	PASS
Band12	5	23155	25	#0	16QAM	NV	10	-12.59	-0.018	PASS
Band12	5	23155	25	#0	16QAM	NV	20	-11.82	-0.017	PASS
Band12	5	23155	25	#0	16QAM	NV	30	-12.26	-0.017	PASS
Band12	5	23155	25	#0	16QAM	NV	40	-11.36	-0.016	PASS
Band12	5	23155	25	#0	16QAM	NV	50	-17.57	-0.025	PASS
Band12	10	23060	50	#0	QPSK	NV	-30	-23.78	-0.034	PASS
Band12	10	23060	50	#0	QPSK	NV	-20	-42.21	-0.060	PASS
Band12	10	23060	50	#0	QPSK	NV	0	-2.69	-0.004	PASS
Band12	10	23060	50	#0	QPSK	NV	10	-16.39	-0.023	PASS
Band12	10	23060	50	#0	QPSK	NV	20	-28.85	-0.041	PASS
Band12	10	23060	50	#0	QPSK	NV	30	-39.94	-0.057	PASS
Band12	10	23060	50	#0	QPSK	NV	40	-13.02	-0.018	PASS
Band12	10	23060	50	#0	QPSK	NV	50	-11.82	-0.017	PASS
Band12	10	23060	50	#0	16QAM	NV	-30	-15.94	-0.023	PASS
Band12	10	23060	50	#0	16QAM	NV	-20	-15.44	-0.022	PASS
Band12	10	23060	50	#0	16QAM	NV	0	-15.54	-0.022	PASS
Band12	10	23060	50	#0	16QAM	NV	10	-15.64	-0.022	PASS
Band12	10	23060	50	#0	16QAM	NV	20	-24.40	-0.035	PASS
Band12	10	23060	50	#0	16QAM	NV	30	-41.20	-0.059	PASS
Band12	10	23060	50	#0	16QAM	NV	40	-32.96	-0.047	PASS
Band12	10	23060	50	#0	16QAM	NV	50	-27.69	-0.039	PASS
Band12	10	23095	50	#0	QPSK	NV	-30	4.41	0.006	PASS
Band12	10	23095	50	#0	QPSK	NV	-20	-0.09	0.000	PASS
Band12	10	23095	50	#0	QPSK	NV	0	-4.39	-0.006	PASS
Band12	10	23095	50	#0	QPSK	NV	10	-8.60	-0.012	PASS
Band12	10	23095	50	#0	QPSK	NV	20	-11.39	-0.016	PASS
Band12	10	23095	50	#0	QPSK	NV	30	-13.52	-0.019	PASS
Band12	10	23095	50	#0	QPSK	NV	40	-16.55	-0.023	PASS
Band12	10	23095	50	#0	QPSK	NV	50	-17.61	-0.025	PASS
Band12	10	23095	50	#0	16QAM	NV	-30	-18.57	-0.026	PASS
Band12	10	23095	50	#0	16QAM	NV	-20	-17.55	-0.025	PASS
Band12	10	23095	50	#0	16QAM	NV	0	-17.08	-0.024	PASS
Band12	10	23095	50	#0	16QAM	NV	10	-15.45	-0.022	PASS
Band12	10	23095	50	#0	16QAM	NV	20	-15.45	-0.022	PASS
Band12	10	23095	50	#0	16QAM	NV	30	-14.38	-0.020	PASS
Band12	10	23095	50	#0	16QAM	NV	40	-14.51	-0.021	PASS
Band12	10	23095	50	#0	16QAM	NV	50	-13.65	-0.019	PASS
Band12	10	23130	50	#0	QPSK	NV	-30	-1.56	-0.002	PASS
Band12	10	23130	50	#0	QPSK	NV	-20	-8.74	-0.012	PASS

Band12	10	23130	50	#0	QPSK	NV	0	-31.34	-0.044	PASS
Band12	10	23130	50	#0	QPSK	NV	10	-41.93	-0.059	PASS
Band12	10	23130	50	#0	QPSK	NV	20	-35.81	-0.050	PASS
Band12	10	23130	50	#0	QPSK	NV	30	-29.70	-0.042	PASS
Band12	10	23130	50	#0	QPSK	NV	40	-28.17	-0.040	PASS
Band12	10	23130	50	#0	QPSK	NV	50	-27.74	-0.039	PASS
Band12	10	23130	50	#0	16QAM	NV	-30	-28.58	-0.040	PASS
Band12	10	23130	50	#0	16QAM	NV	-20	-27.21	-0.038	PASS
Band12	10	23130	50	#0	16QAM	NV	0	-25.91	-0.036	PASS
Band12	10	23130	50	#0	16QAM	NV	10	-24.06	-0.034	PASS
Band12	10	23130	50	#0	16QAM	NV	20	-23.27	-0.033	PASS
Band12	10	23130	50	#0	16QAM	NV	30	-24.36	-0.034	PASS
Band12	10	23130	50	#0	16QAM	NV	40	-23.45	-0.033	PASS
Band12	10	23130	50	#0	16QAM	NV	50	-23.57	-0.033	PASS

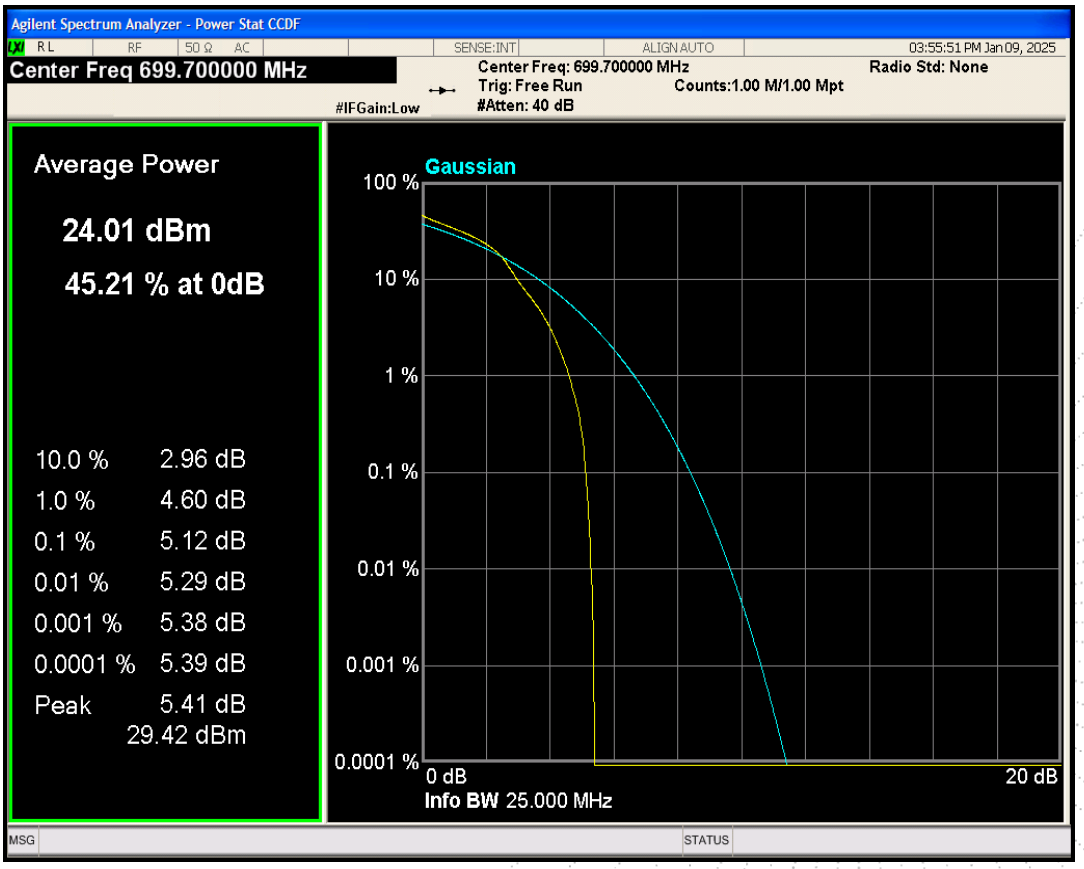
Appendix 3. Peak-to-Average Ratio

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
Band12	1.4	23017	1	#0	QPSK	4.64	13	PASS
Band12	1.4	23017	1	#0	16QAM	5.12	13	PASS
Band12	1.4	23095	1	#0	QPSK	5.05	13	PASS
Band12	1.4	23095	1	#0	16QAM	5.97	13	PASS
Band12	1.4	23173	1	#0	QPSK	4.76	13	PASS
Band12	1.4	23173	1	#0	16QAM	5.80	13	PASS
Band12	3	23025	1	#0	QPSK	4.63	13	PASS
Band12	3	23025	1	#0	16QAM	5.36	13	PASS
Band12	3	23095	1	#0	QPSK	4.97	13	PASS
Band12	3	23095	1	#0	16QAM	5.52	13	PASS
Band12	3	23165	1	#0	QPSK	4.59	13	PASS
Band12	3	23165	1	#0	16QAM	5.57	13	PASS
Band12	5	23035	1	#0	QPSK	4.79	13	PASS
Band12	5	23035	1	#0	16QAM	5.50	13	PASS
Band12	5	23095	1	#0	QPSK	4.81	13	PASS
Band12	5	23095	1	#0	16QAM	5.50	13	PASS
Band12	5	23155	1	#0	QPSK	4.92	13	PASS
Band12	5	23155	1	#0	16QAM	5.81	13	PASS
Band12	10	23060	1	#0	QPSK	4.69	13	PASS
Band12	10	23060	1	#0	16QAM	5.38	13	PASS
Band12	10	23095	1	#0	QPSK	4.70	13	PASS
Band12	10	23095	1	#0	16QAM	5.84	13	PASS
Band12	10	23130	1	#0	QPSK	4.93	13	PASS
Band12	10	23130	1	#0	16QAM	5.79	13	PASS

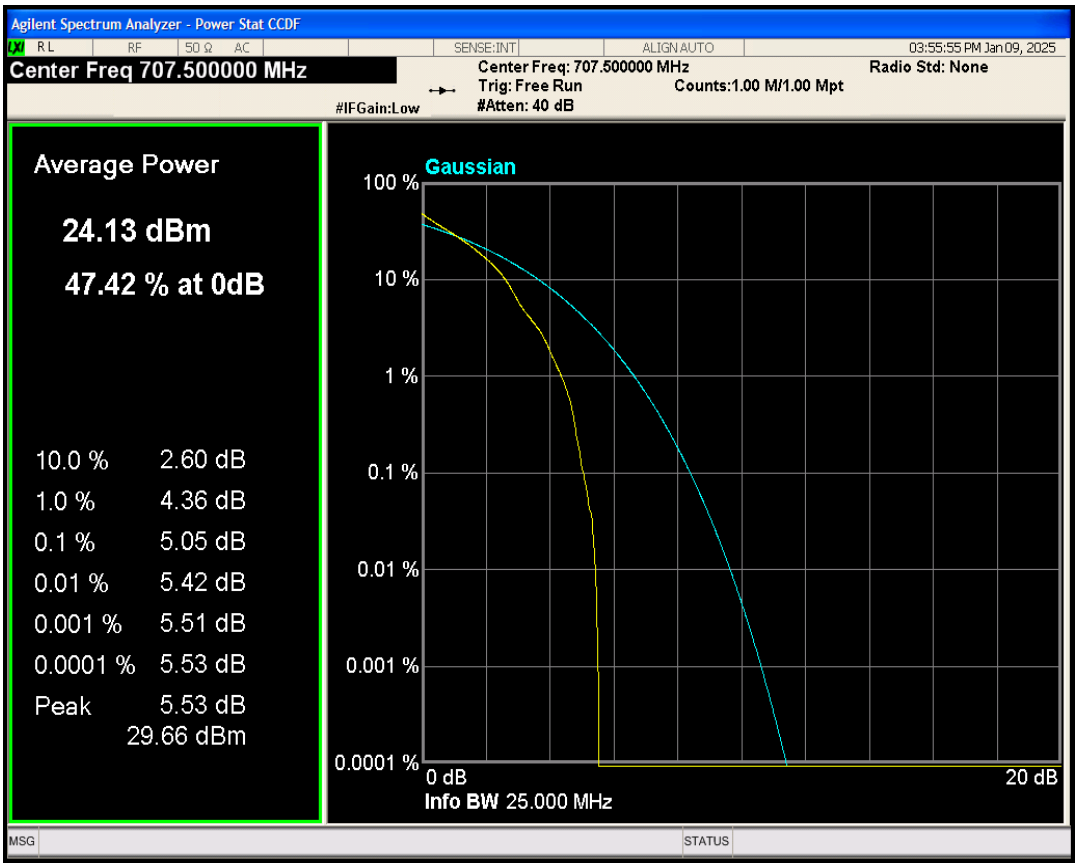
Band12 QPSK BW=1.4MHz Channel=23017 RB Size=1 Position=#0



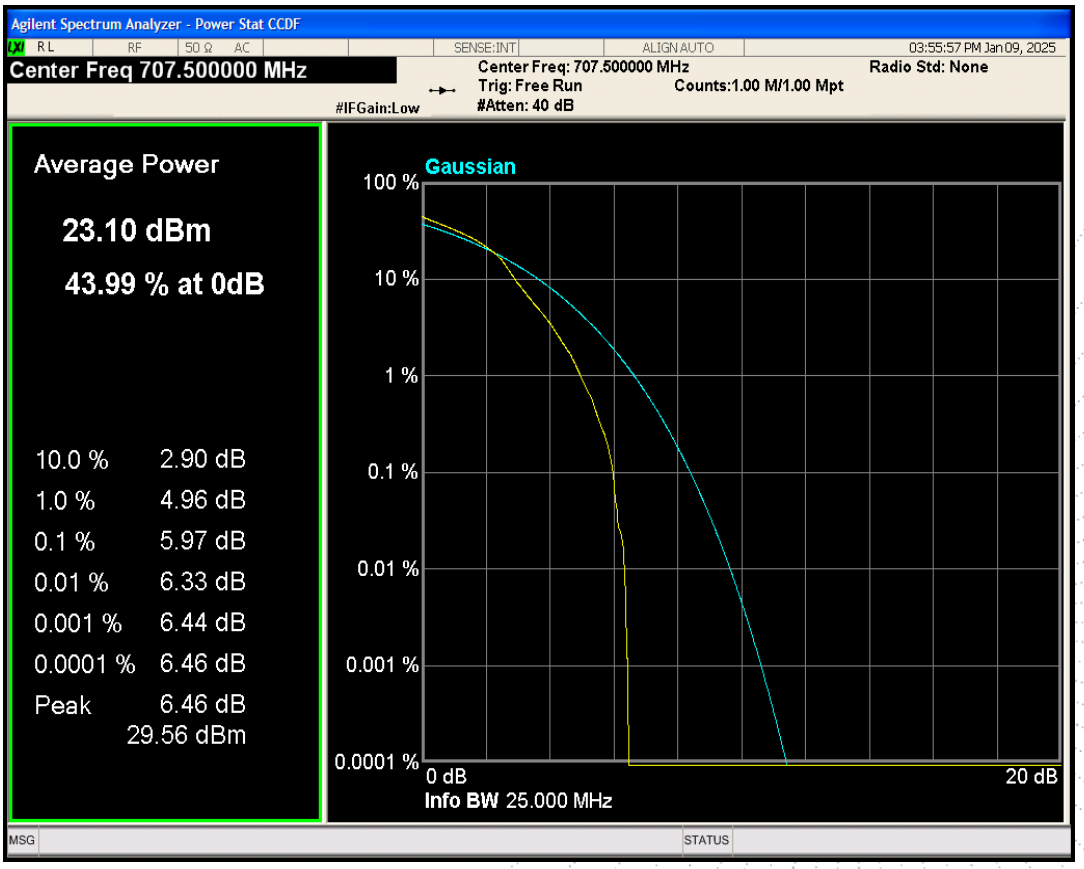
Band12 16QAM BW=1.4MHz Channel=23017 RB Size=1 Position=#0



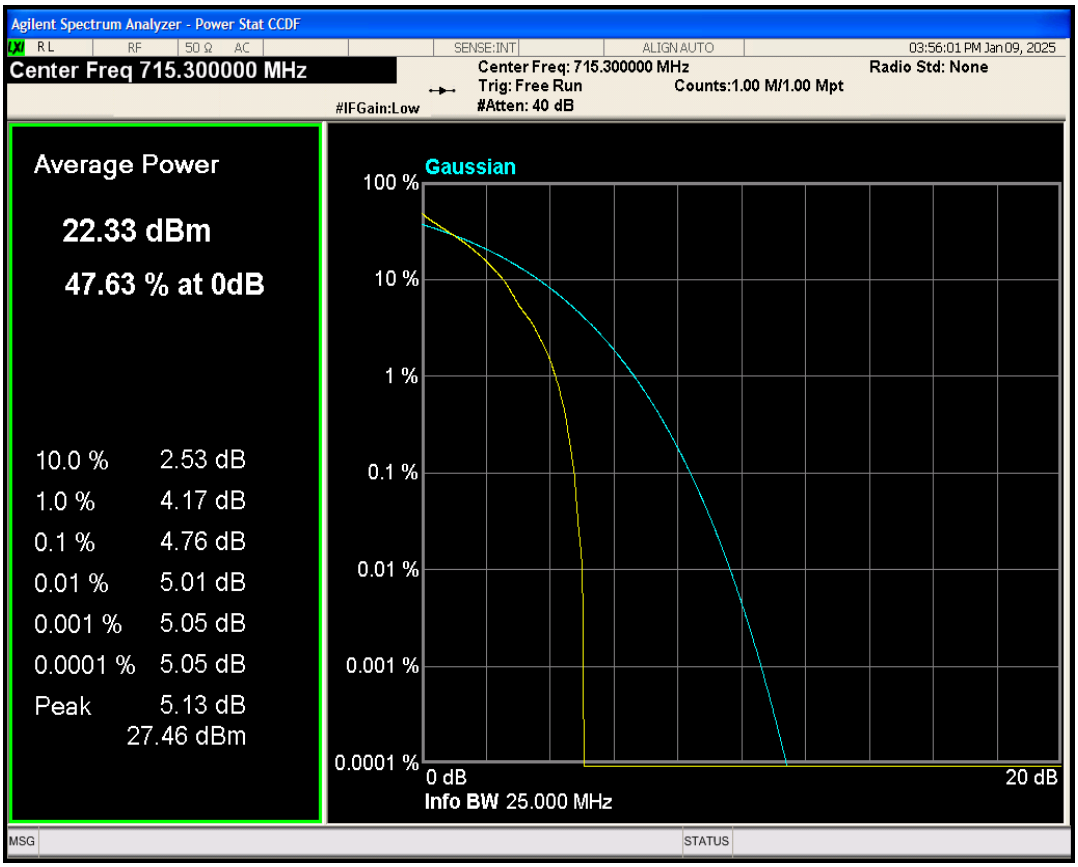
Band12 QPSK BW=1.4MHz Channel=23095 RB Size=1 Position=#0



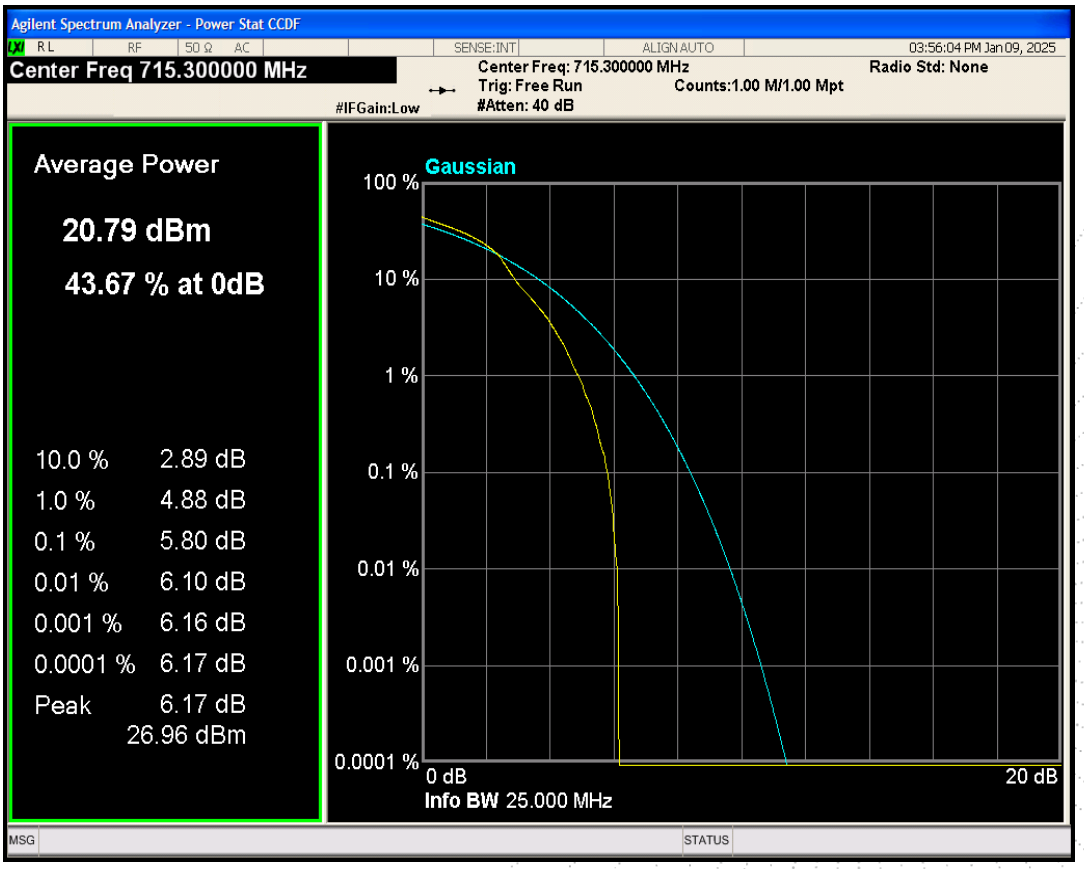
Band12 16QAM BW=1.4MHz Channel=23095 RB Size=1 Position=#0



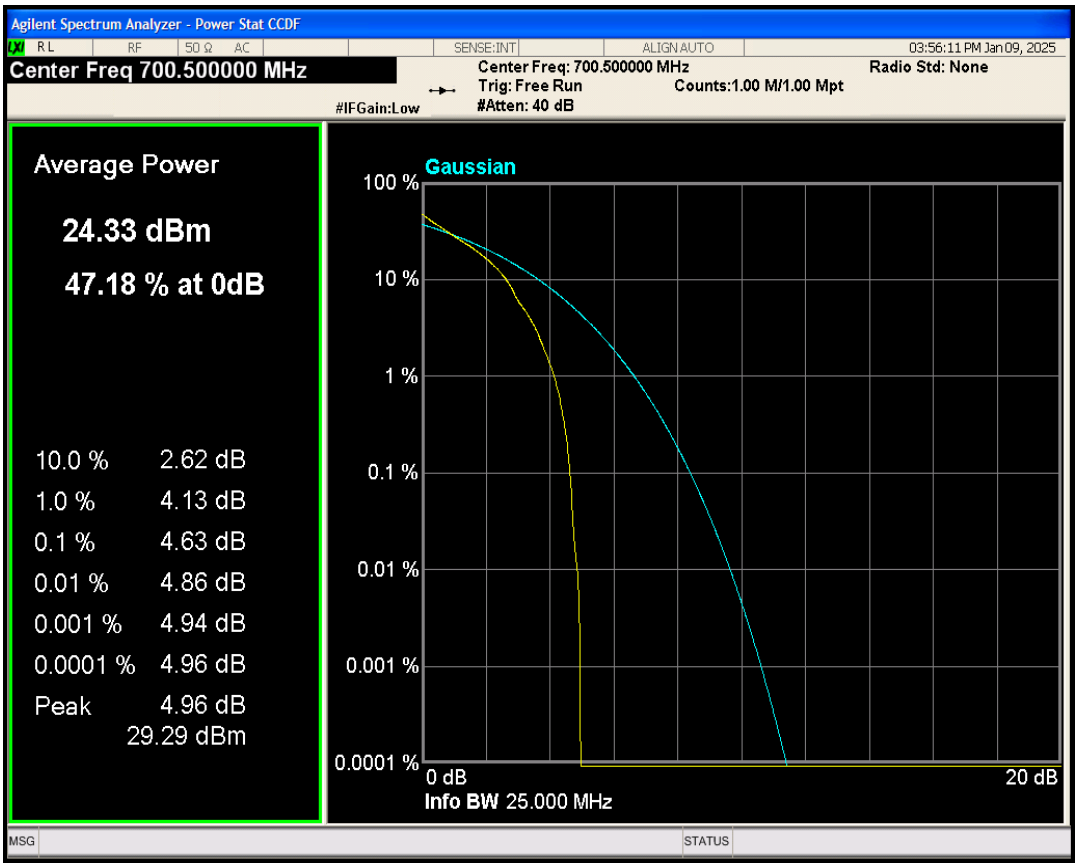
Band12 QPSK BW=1.4MHz Channel=23173 RB Size=1 Position=#0



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



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



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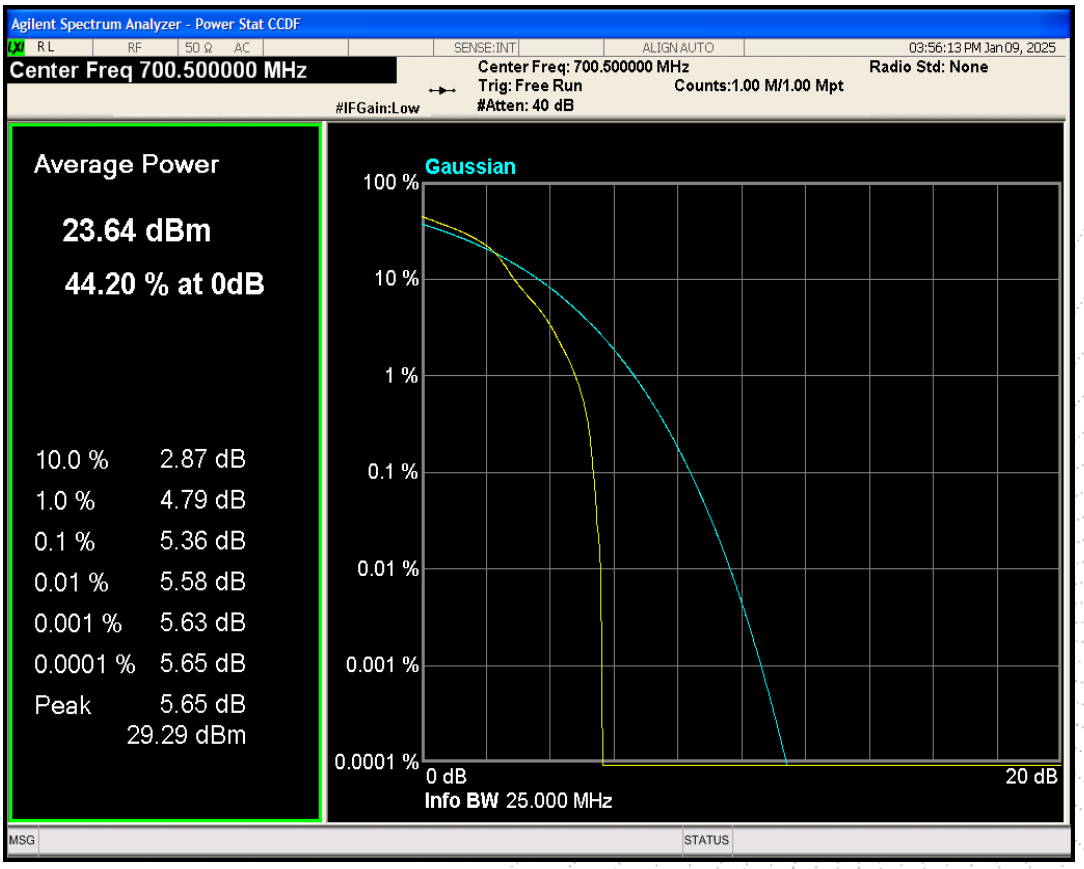

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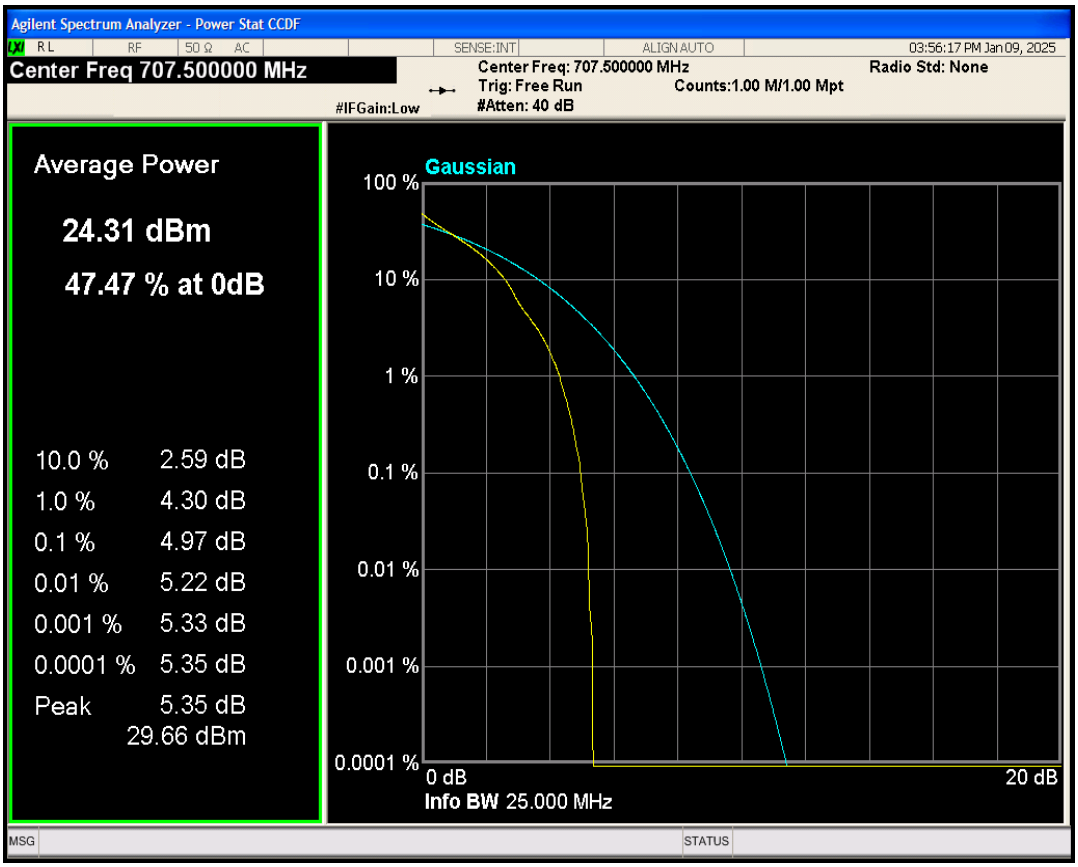

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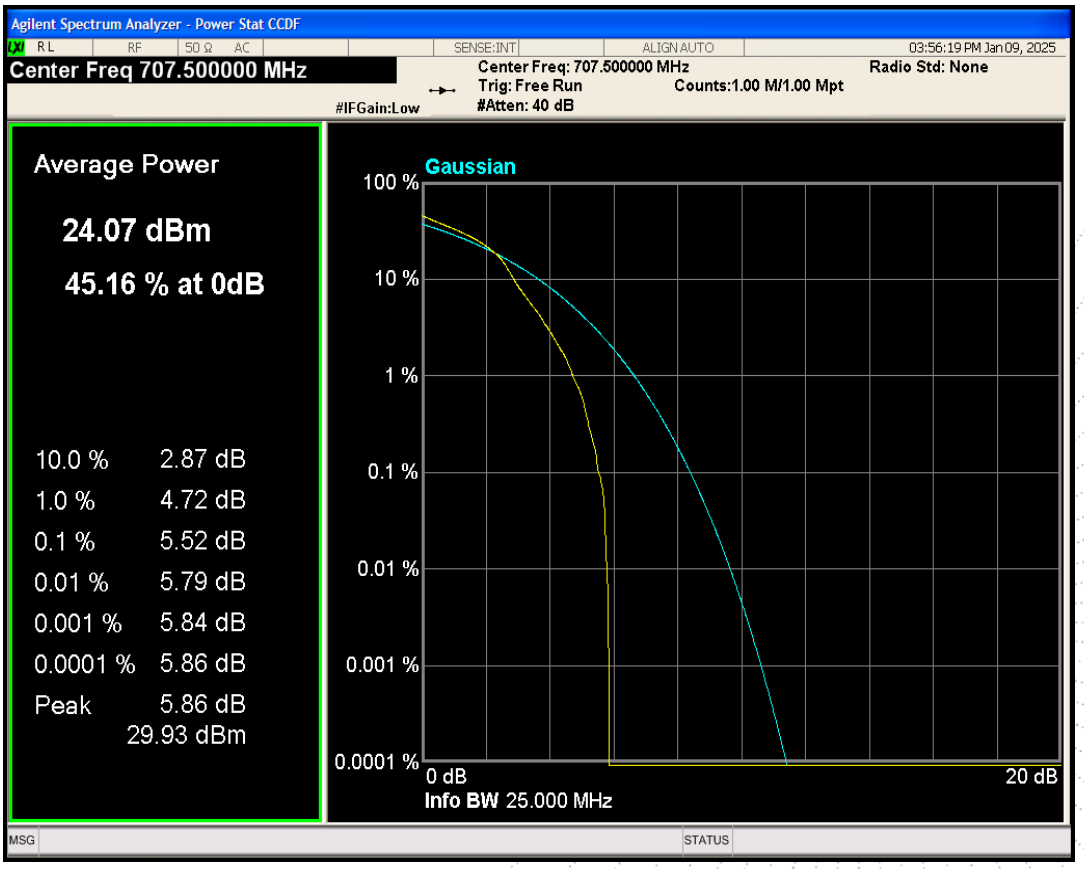
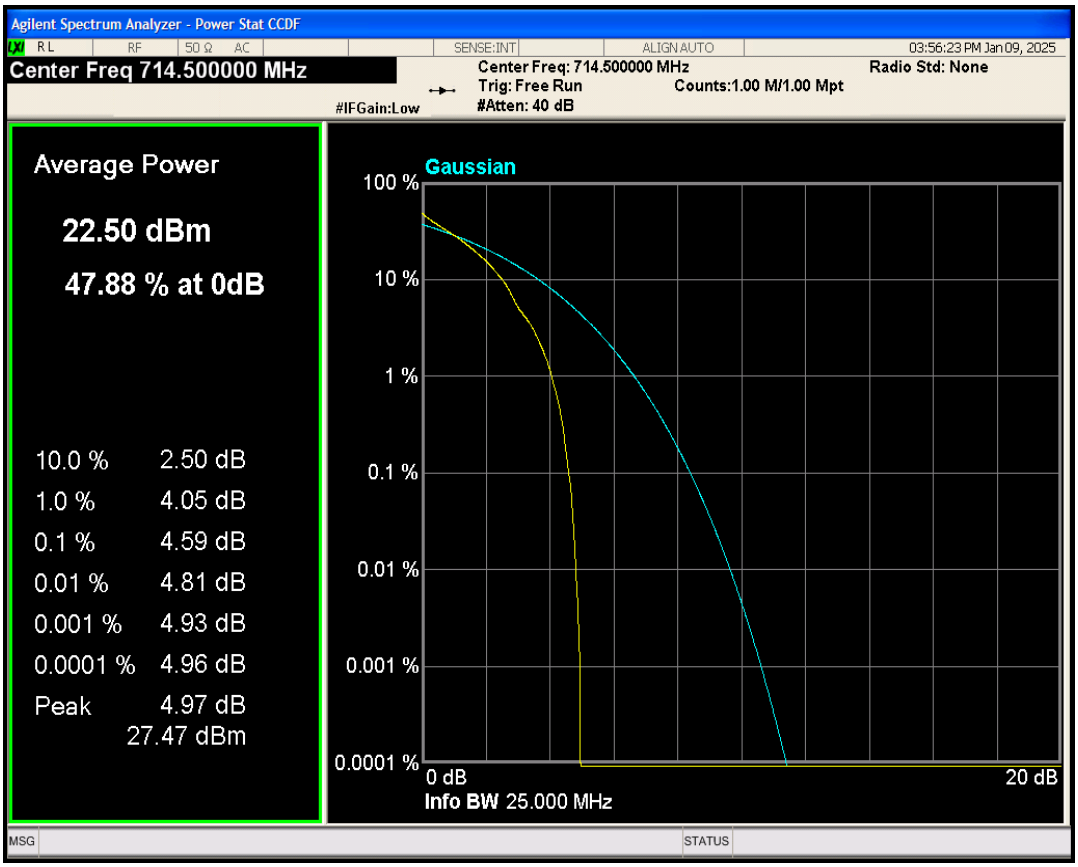


Band12 QPSK BW=3MHz Channel=23165 RB Size=1 Position=#0



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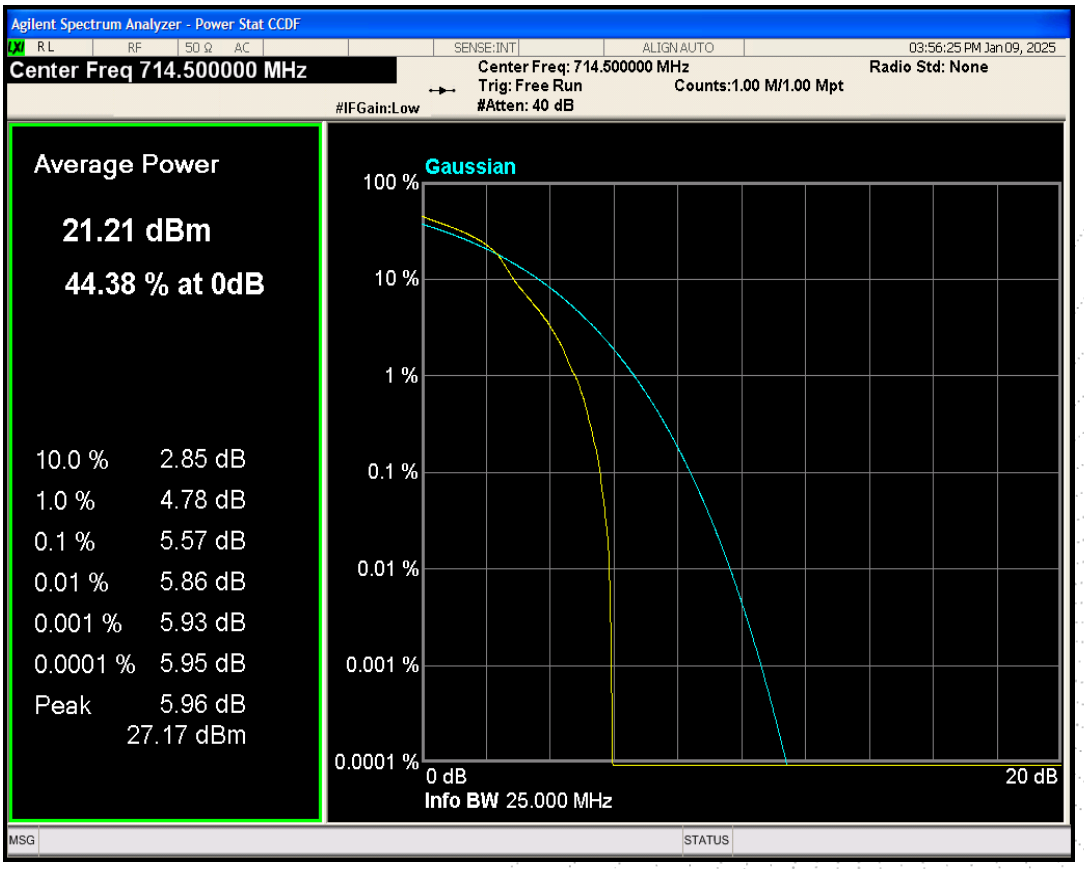
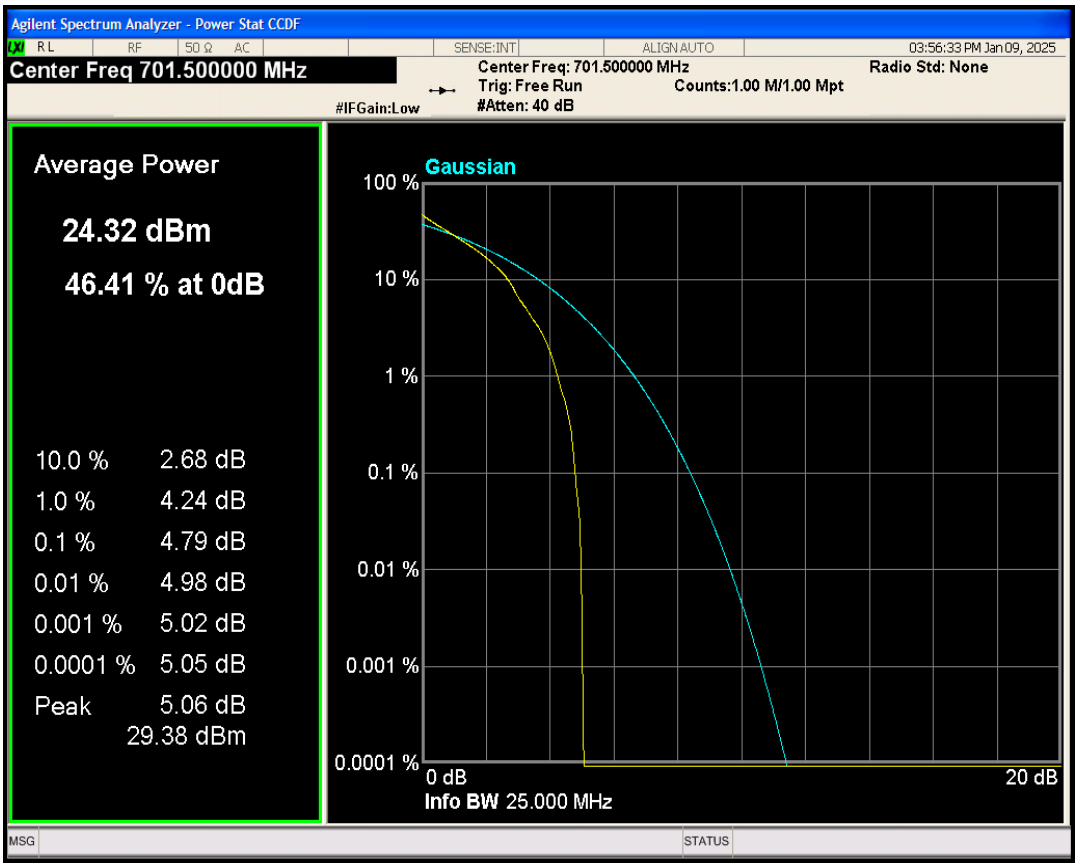
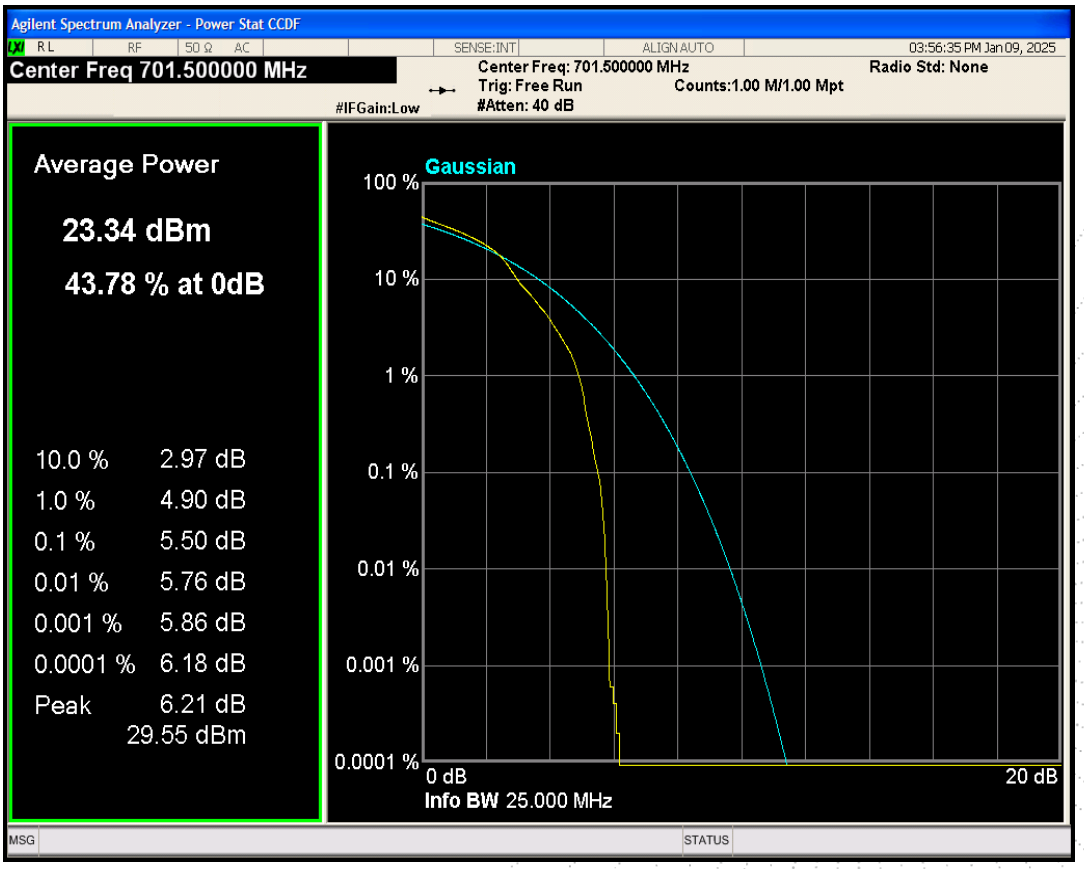


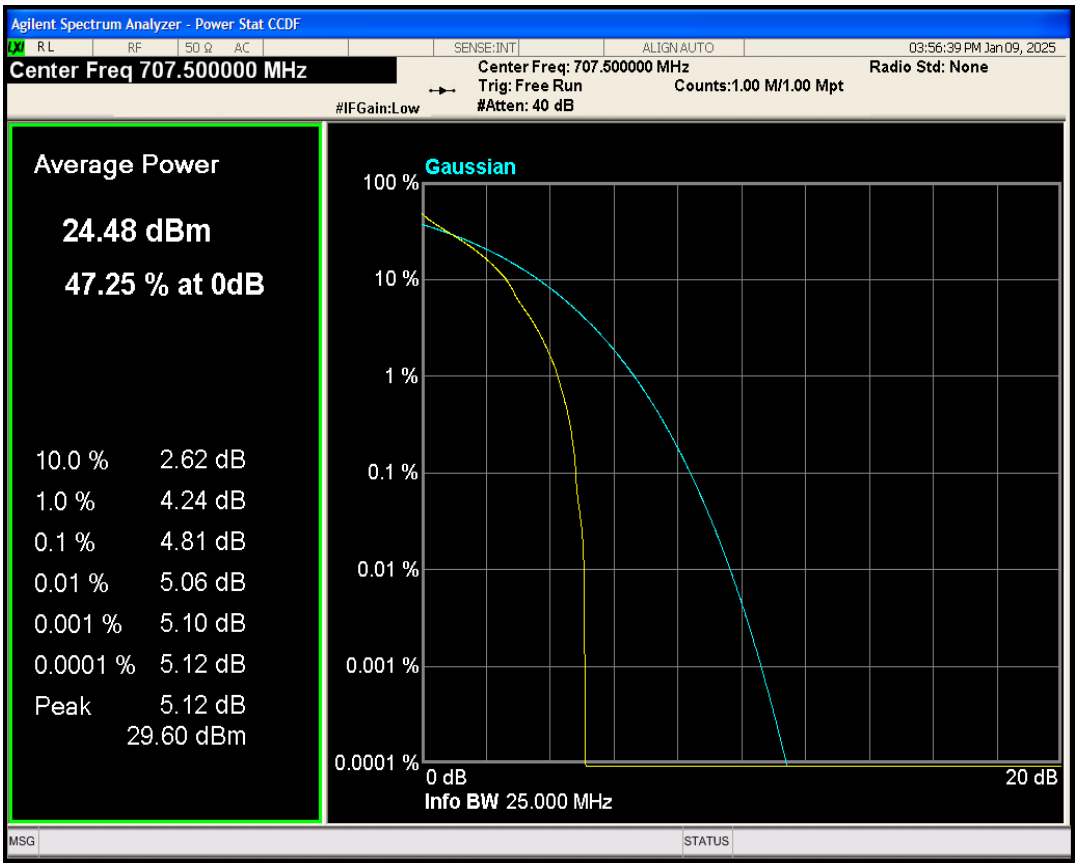
Band12 QPSK BW=5MHz Channel=23035 RB Size=1 Position=#0



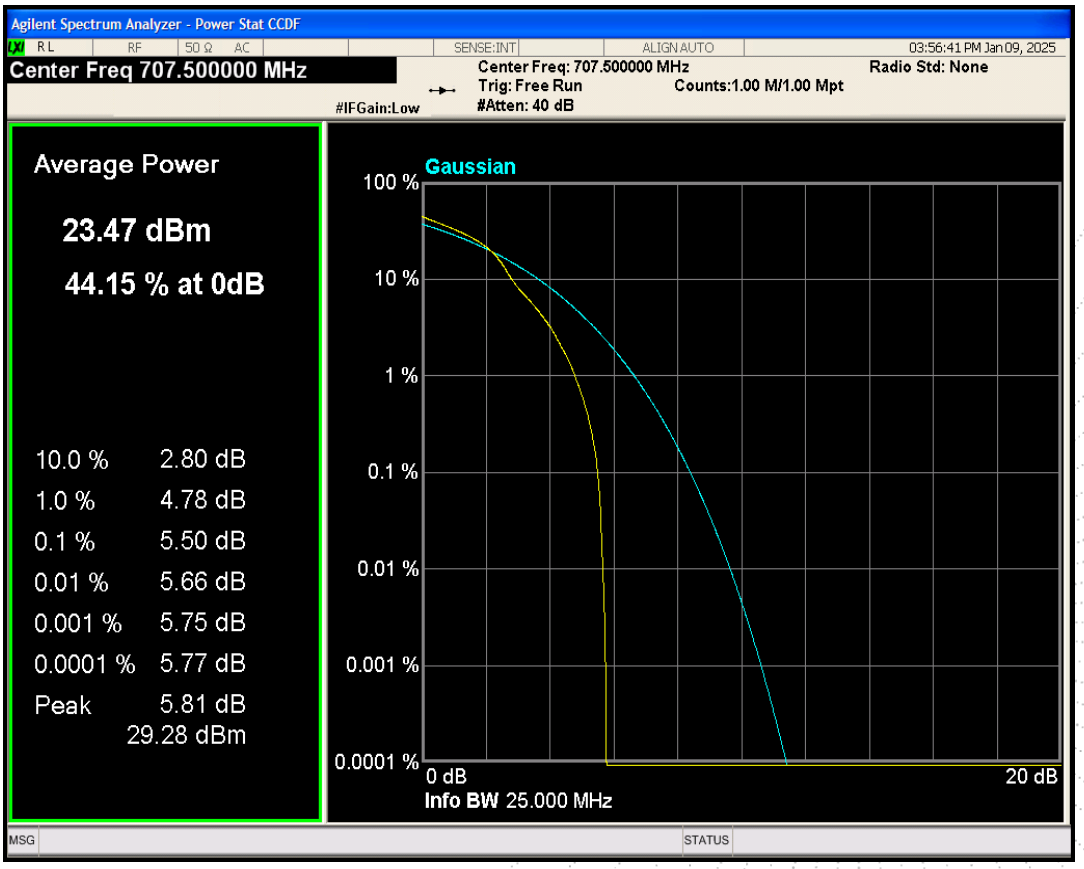
Band12 16QAM BW=5MHz Channel=23035 RB Size=1 Position=#0



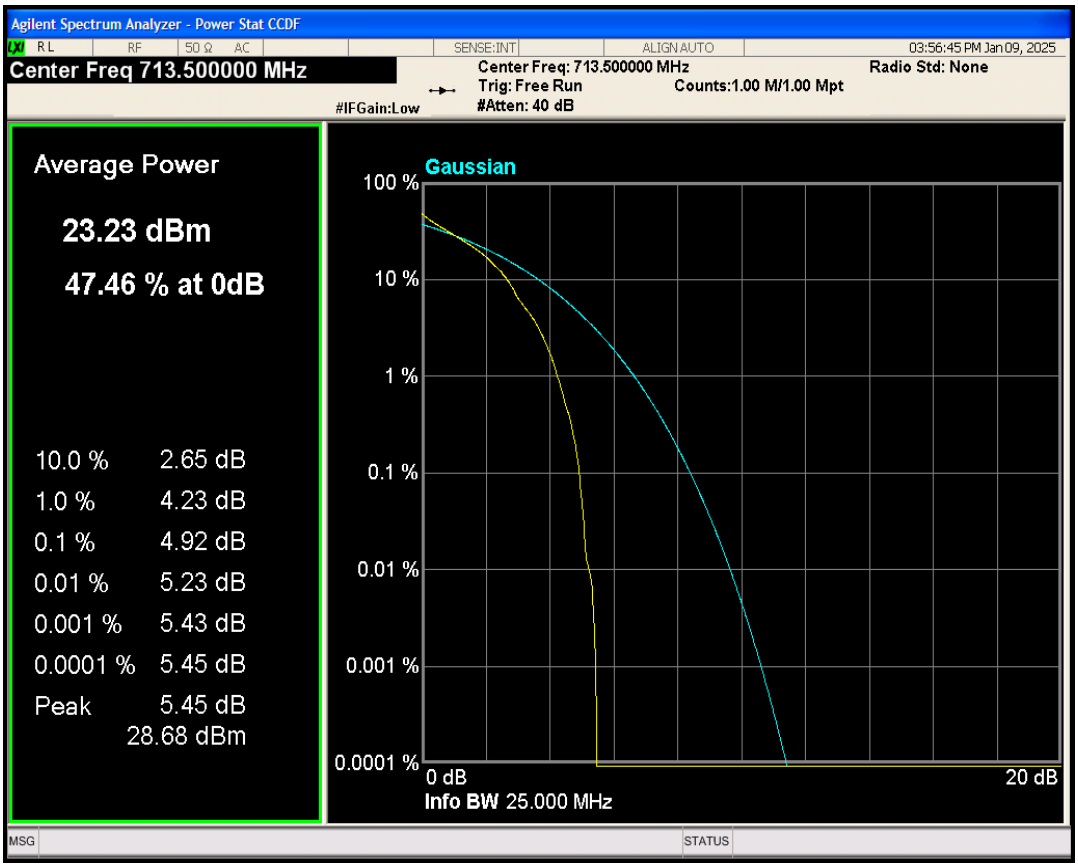
Band12 QPSK BW=5MHz Channel=23095 RB Size=1 Position=#0



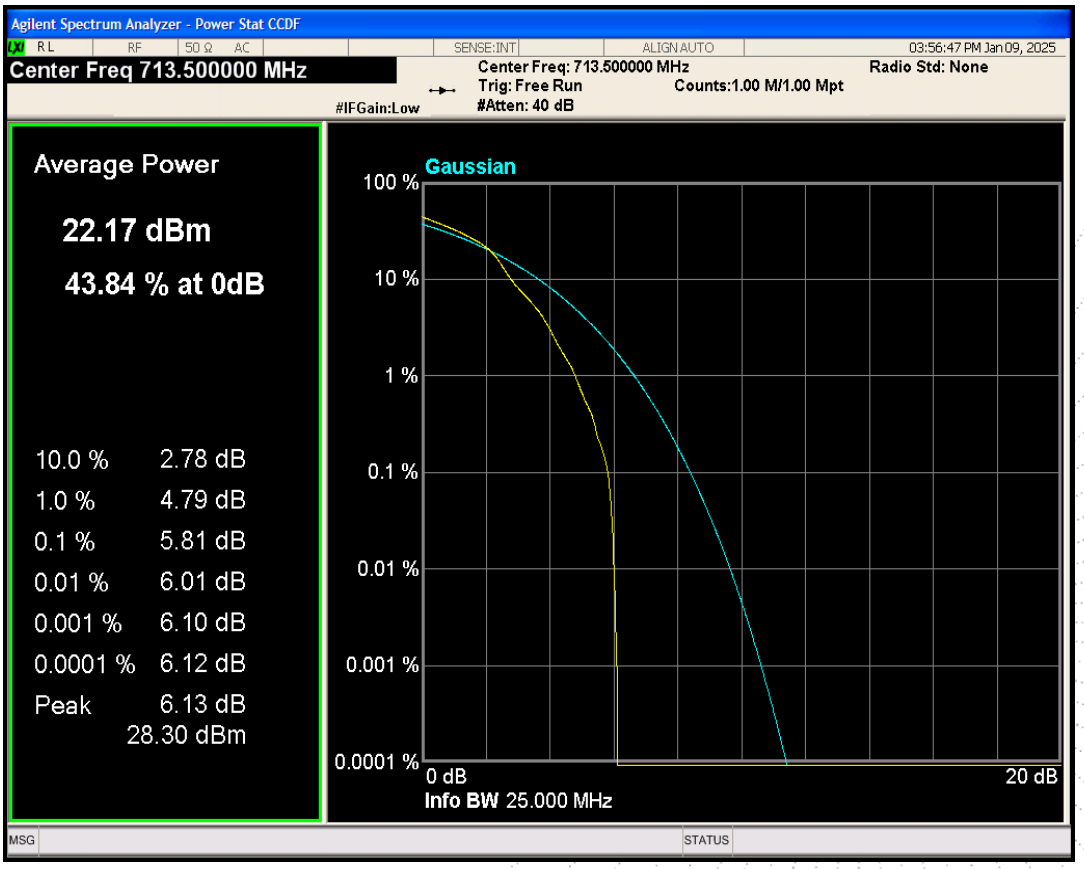
Band12 16QAM BW=5MHz Channel=23095 RB Size=1 Position=#0



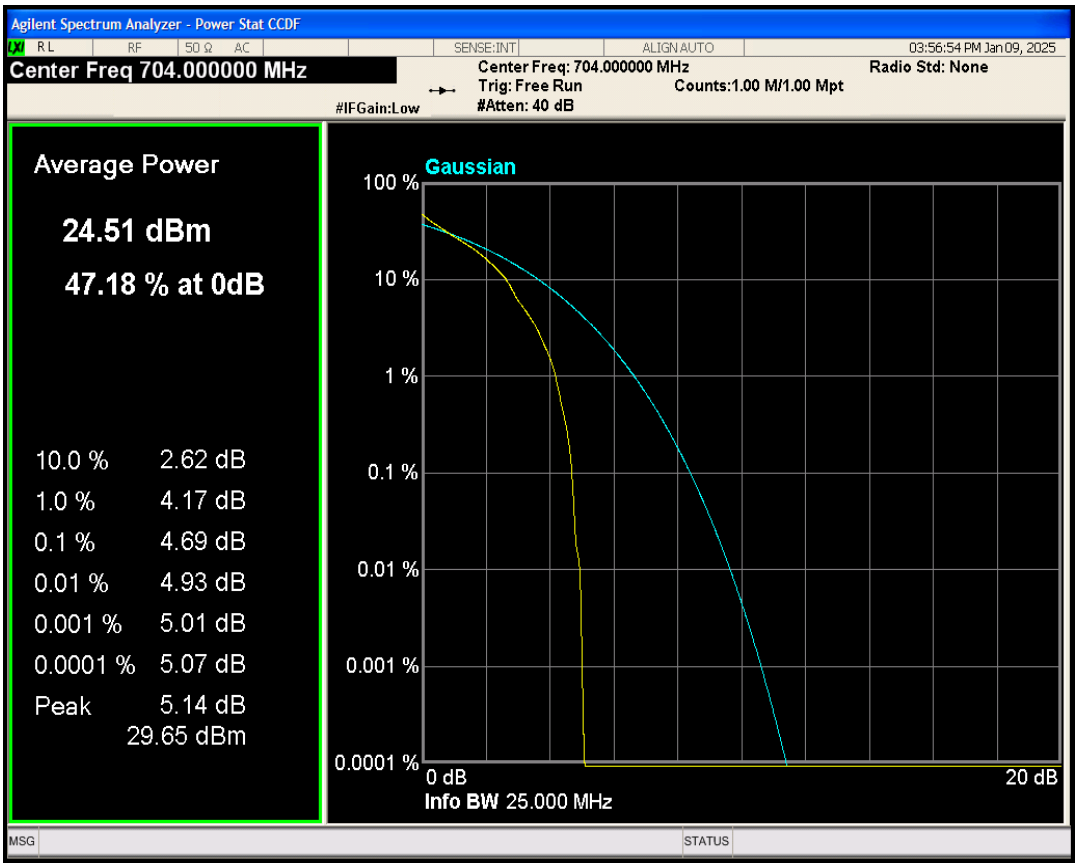
Band12 QPSK BW=5MHz Channel=23155 RB Size=1 Position=#0



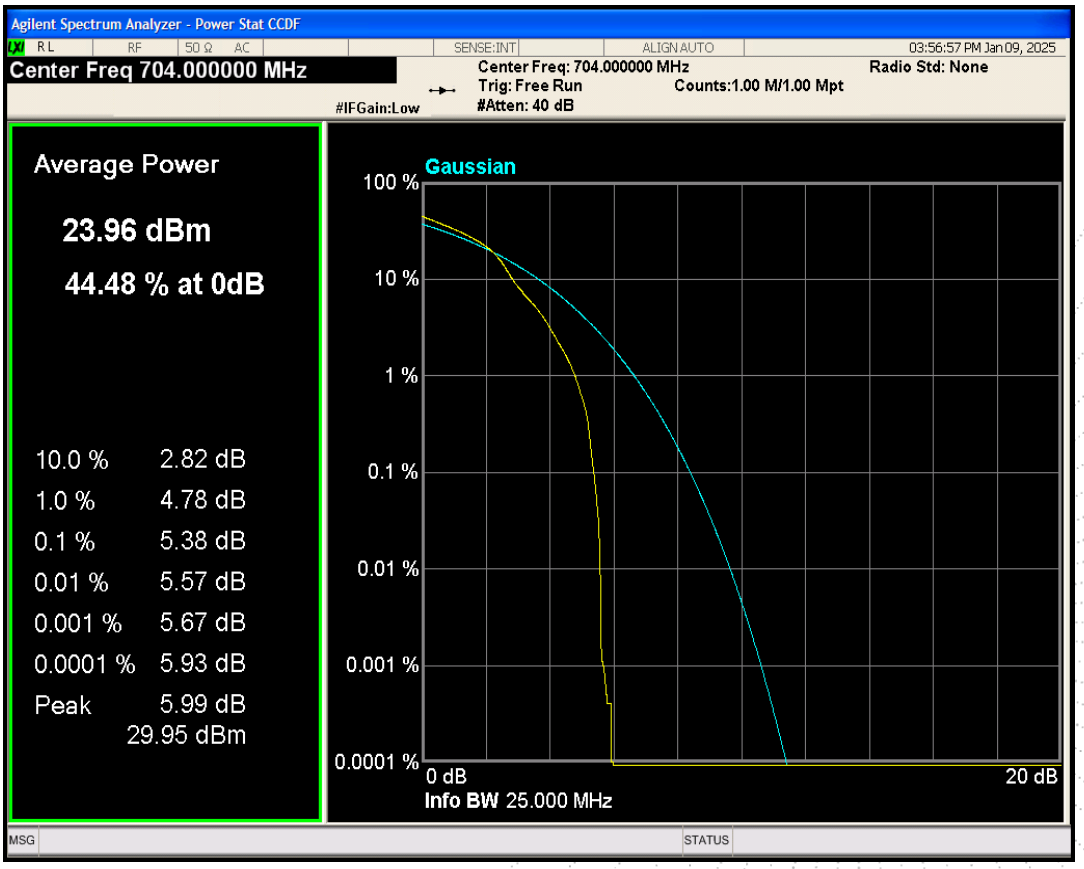
Band12 16QAM BW=5MHz Channel=23155 RB Size=1 Position=#0



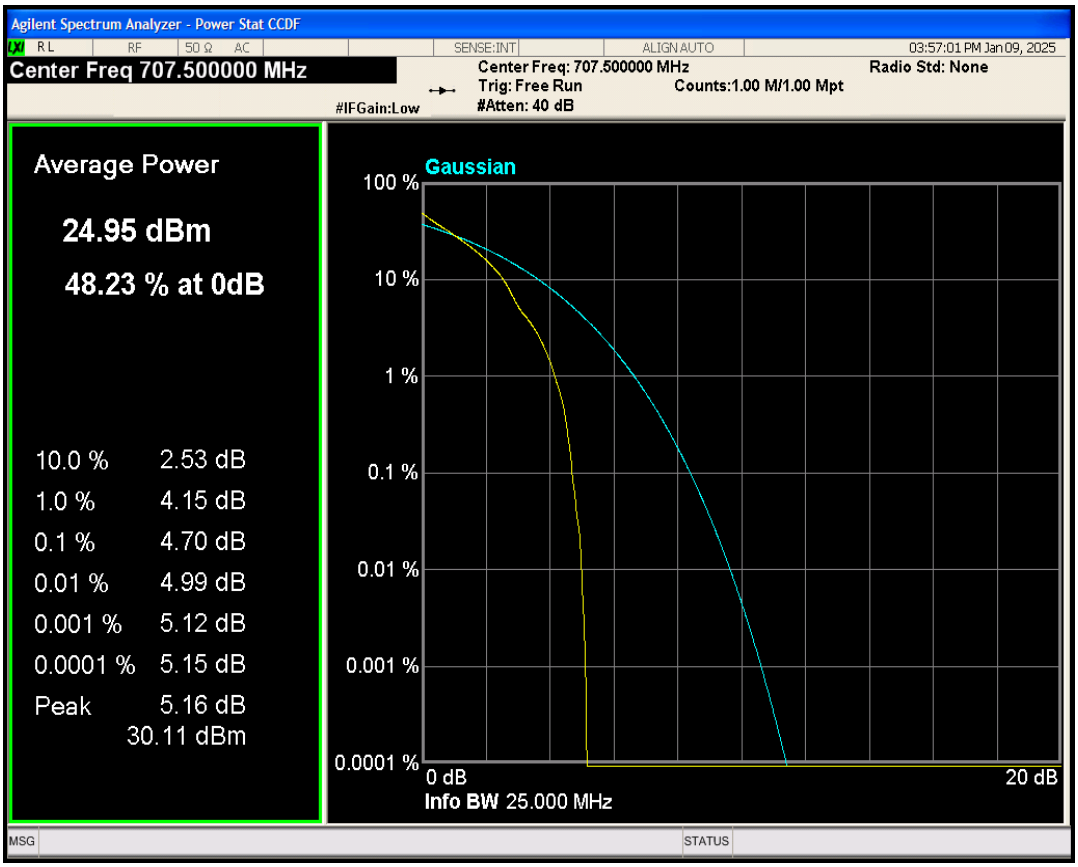
Band12 QPSK BW=10MHz Channel=23060 RB Size=1 Position=#0



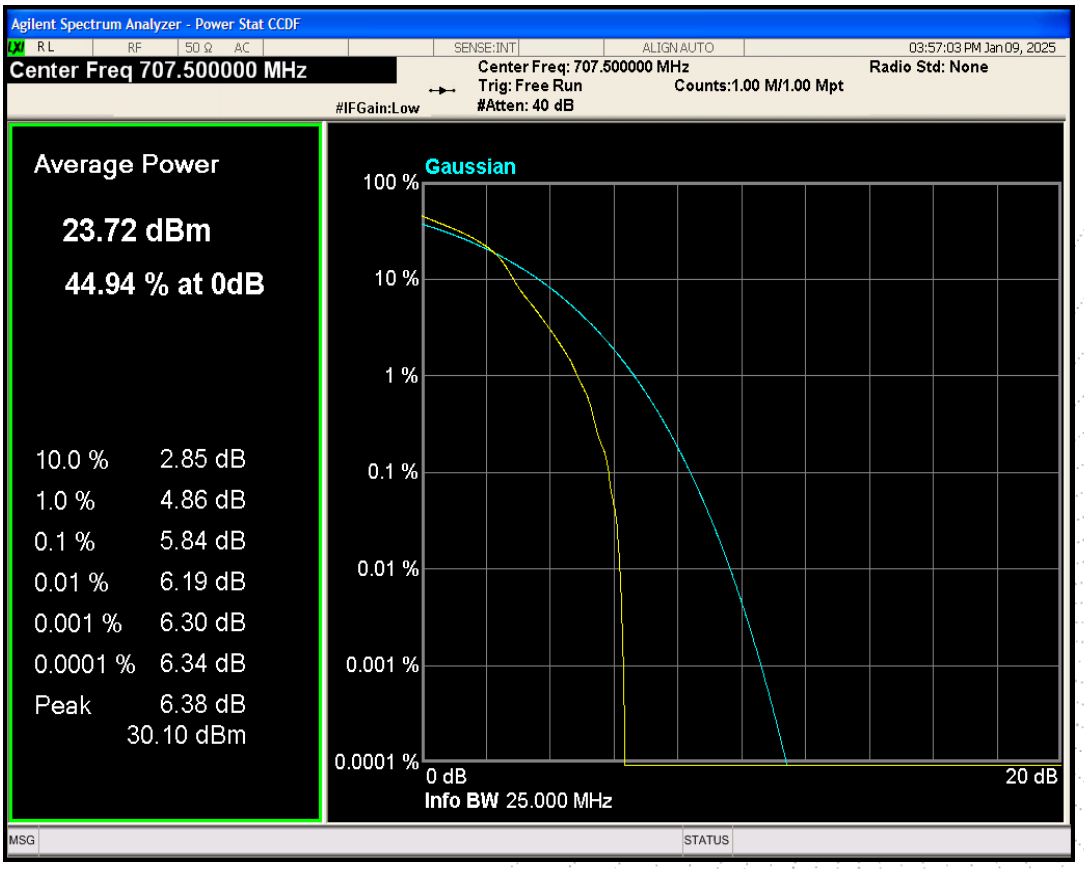
Band12 16QAM BW=10MHz Channel=23060 RB Size=1 Position=#0



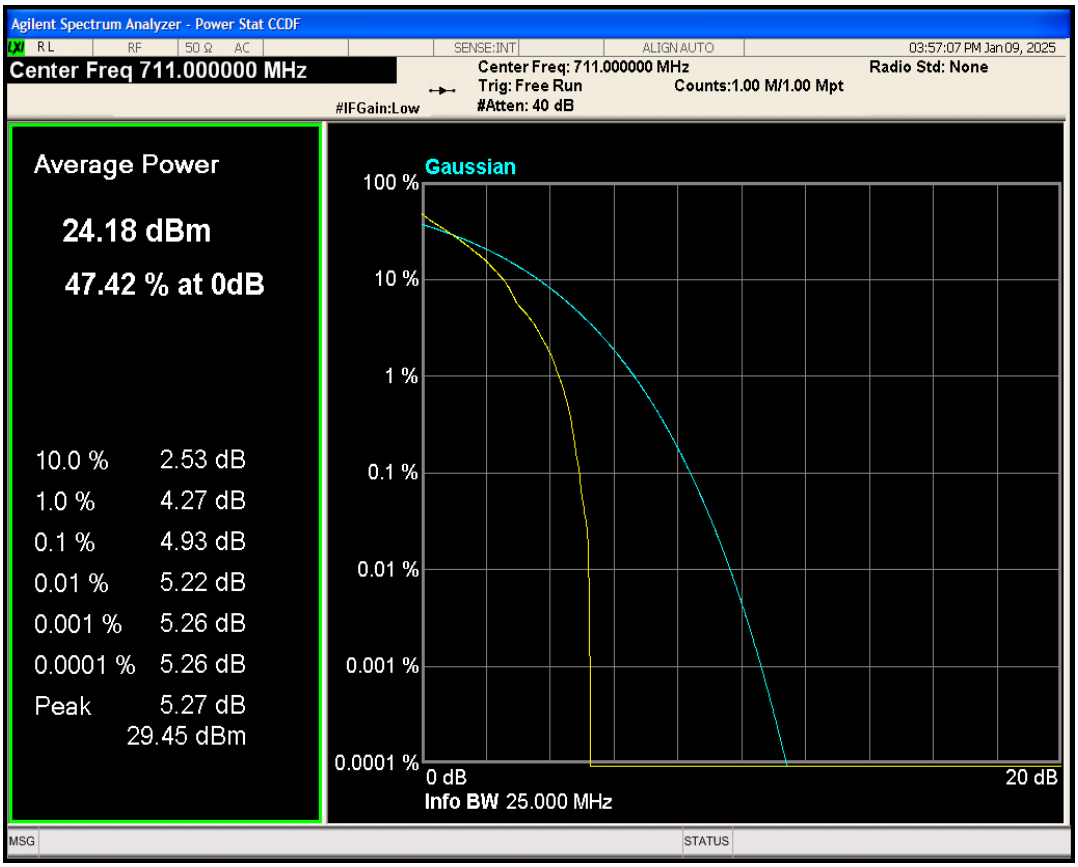
Band12 QPSK BW=10MHz Channel=23095 RB Size=1 Position=#0



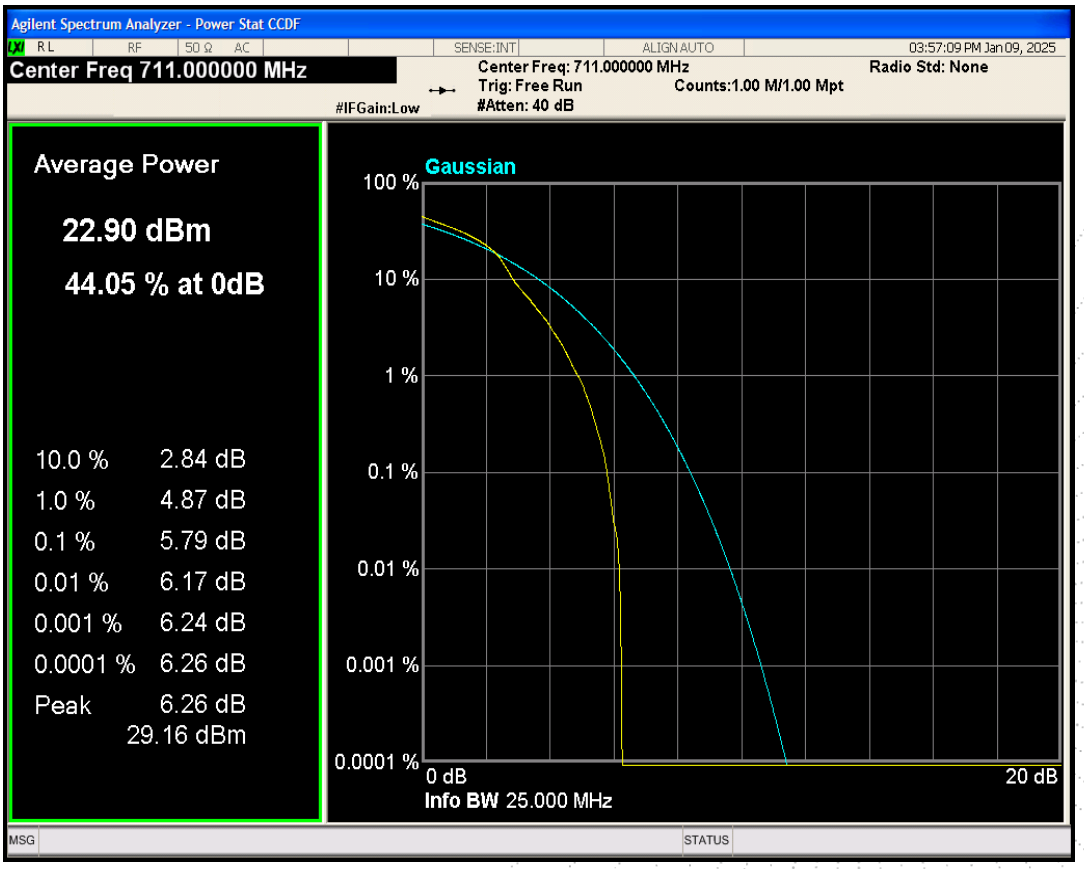
Band12 16QAM BW=10MHz Channel=23095 RB Size=1 Position=#0



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



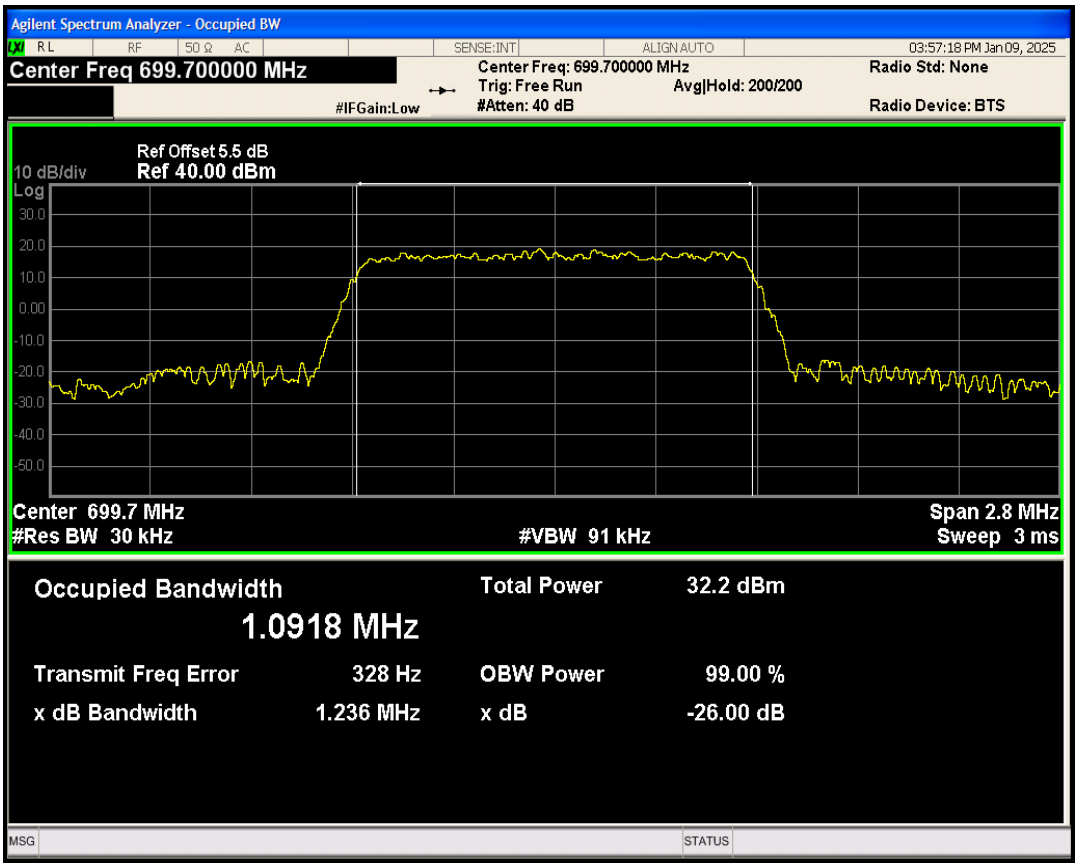
Band12 16QAM BW=10MHz Channel=23130 RB Size=1 Position=#0



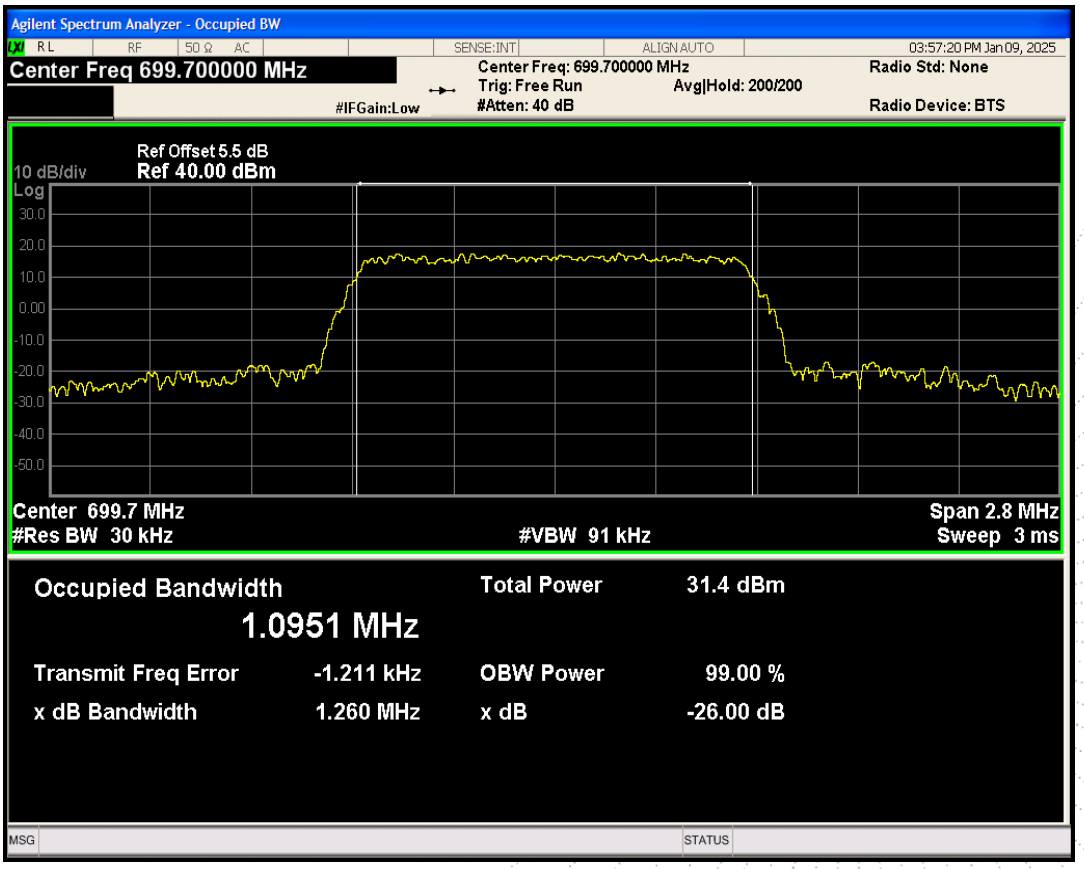
Appendix 4. Occupied bandwidth

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
Band12	1.4	23017	6	#0	QPSK	1.092	1.236	PASS
Band12	1.4	23017	6	#0	16QAM	1.095	1.260	PASS
Band12	1.4	23095	6	#0	QPSK	1.099	1.241	PASS
Band12	1.4	23095	6	#0	16QAM	1.090	1.250	PASS
Band12	1.4	23173	6	#0	QPSK	1.099	1.257	PASS
Band12	1.4	23173	6	#0	16QAM	1.098	1.239	PASS
Band12	3	23025	15	#0	QPSK	2.703	3.045	PASS
Band12	3	23025	15	#0	16QAM	2.701	3.038	PASS
Band12	3	23095	15	#0	QPSK	2.703	3.005	PASS
Band12	3	23095	15	#0	16QAM	2.703	3.043	PASS
Band12	3	23165	15	#0	QPSK	2.716	3.032	PASS
Band12	3	23165	15	#0	16QAM	2.716	3.044	PASS
Band12	5	23035	25	#0	QPSK	4.539	4.956	PASS
Band12	5	23035	25	#0	16QAM	4.512	4.909	PASS
Band12	5	23095	25	#0	QPSK	4.511	4.968	PASS
Band12	5	23095	25	#0	16QAM	4.521	4.939	PASS
Band12	5	23155	25	#0	QPSK	4.506	4.985	PASS
Band12	5	23155	25	#0	16QAM	4.492	4.937	PASS
Band12	10	23060	50	#0	QPSK	8.982	9.782	PASS
Band12	10	23060	50	#0	16QAM	8.984	9.895	PASS
Band12	10	23095	50	#0	QPSK	8.961	9.825	PASS
Band12	10	23095	50	#0	16QAM	8.982	9.758	PASS
Band12	10	23130	50	#0	QPSK	9.001	9.901	PASS
Band12	10	23130	50	#0	16QAM	8.997	9.891	PASS

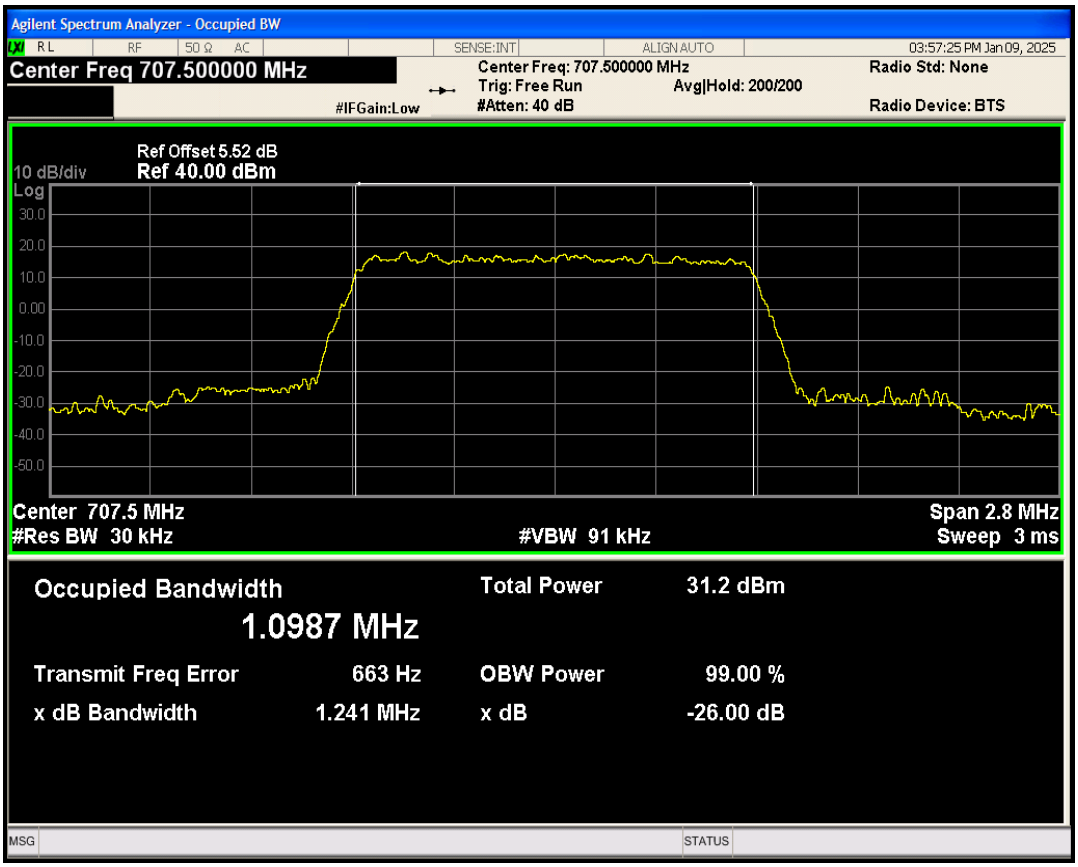
Band12 QPSK BW=1.4MHz Channel=23017 RB Size=6 Position=#0



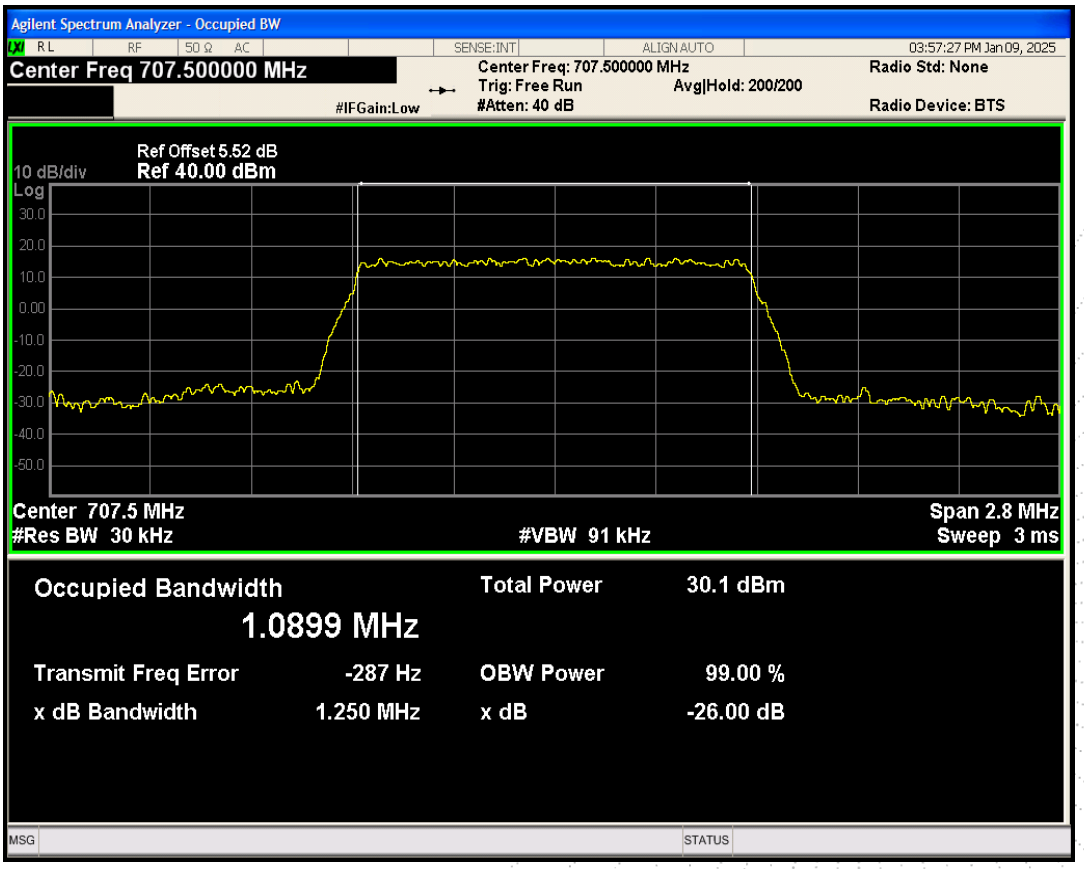
Band12 16QAM BW=1.4MHz Channel=23017 RB Size=6 Position=#0



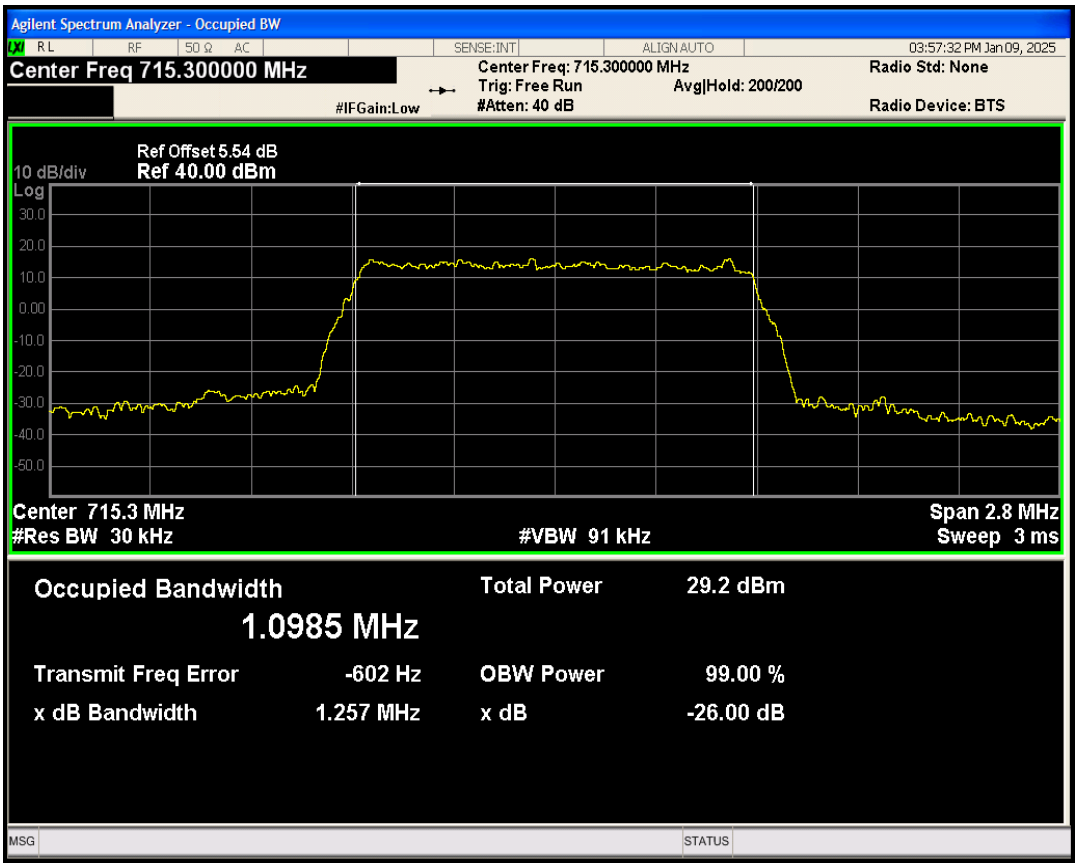
Band12 QPSK BW=1.4MHz Channel=23095 RB Size=6 Position=#0



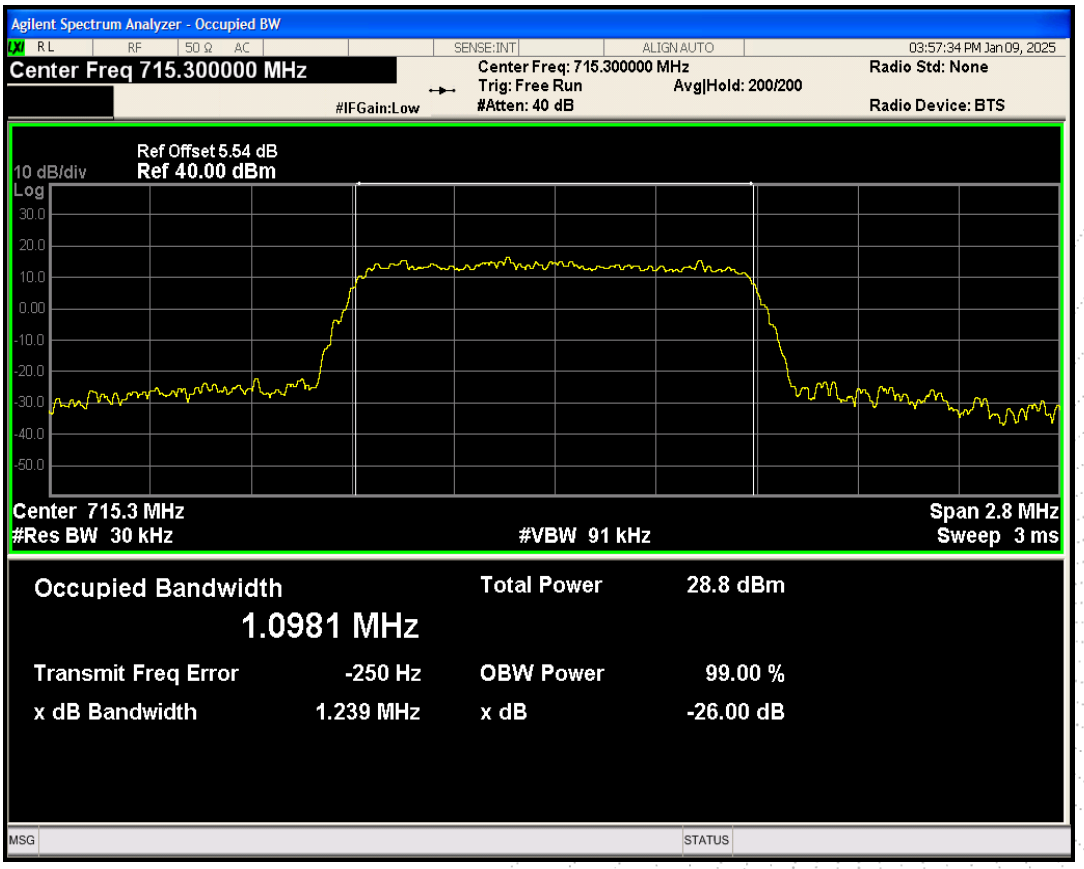
Band12 16QAM BW=1.4MHz Channel=23095 RB Size=6 Position=#0



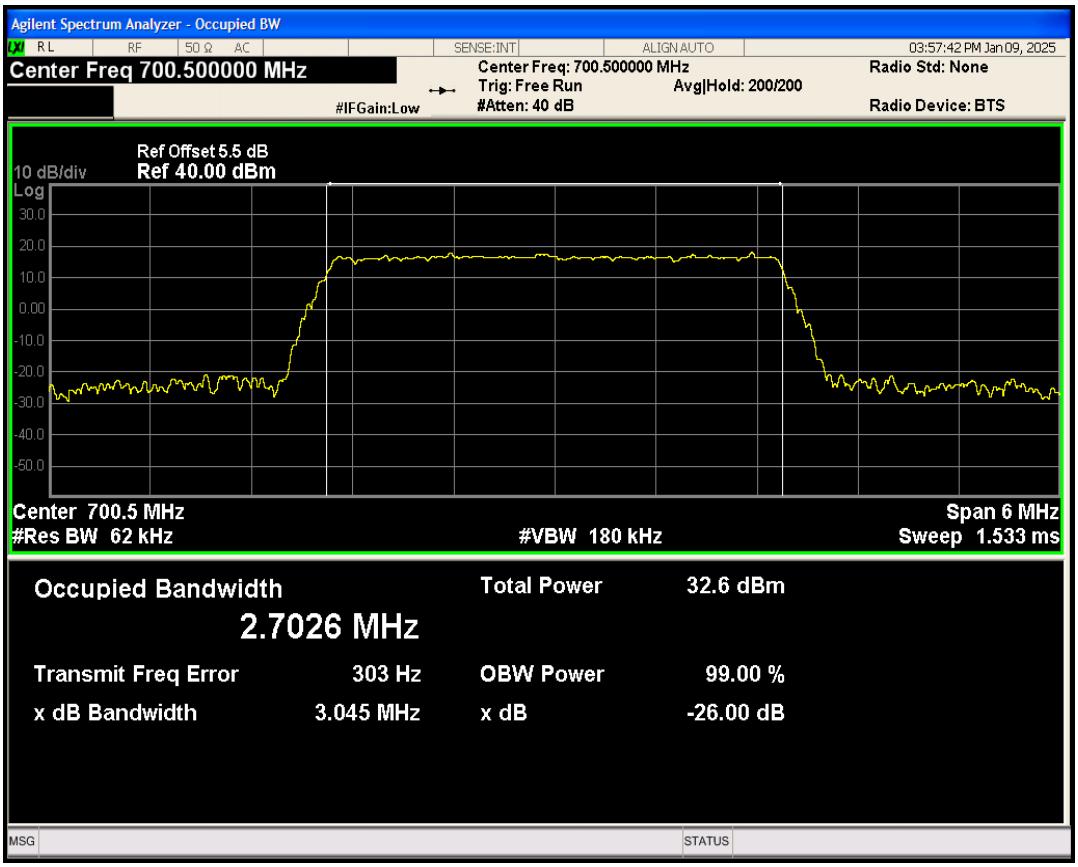
Band12 QPSK BW=1.4MHz Channel=23173 RB Size=6 Position=#0



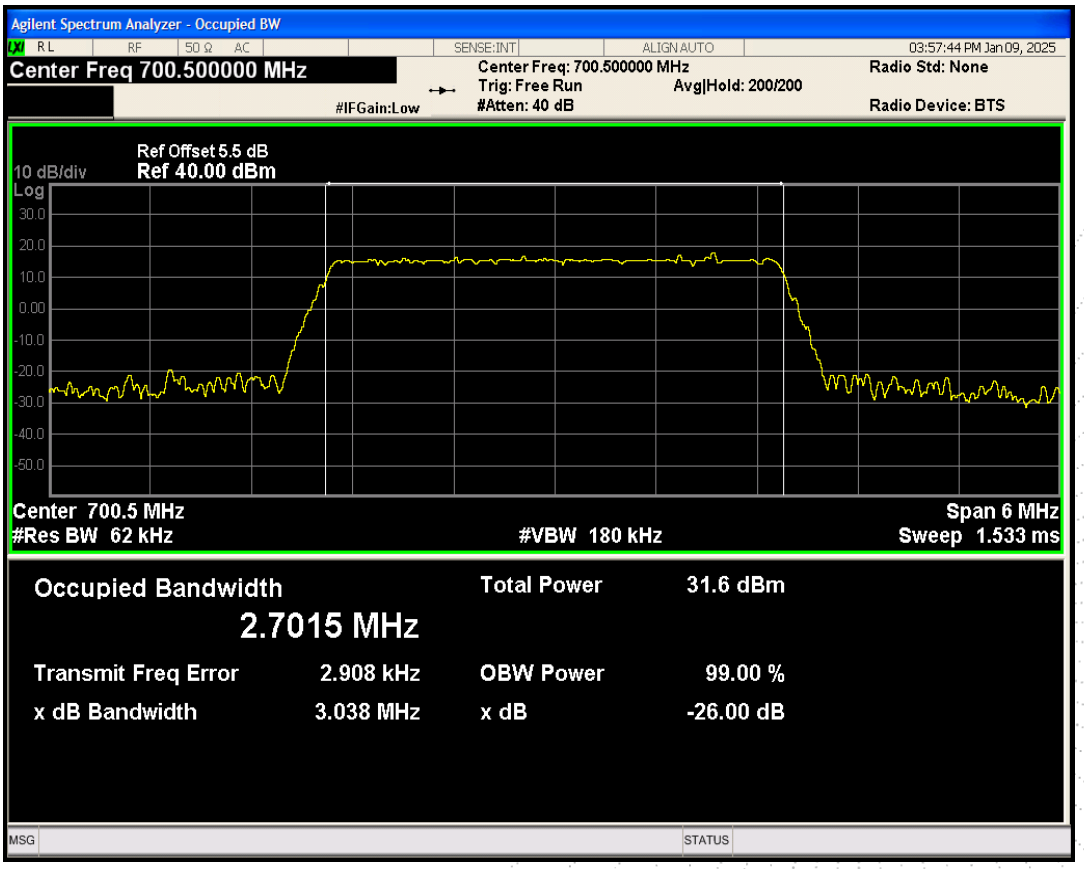
Band12 16QAM BW=1.4MHz Channel=23173 RB Size=6 Position=#0



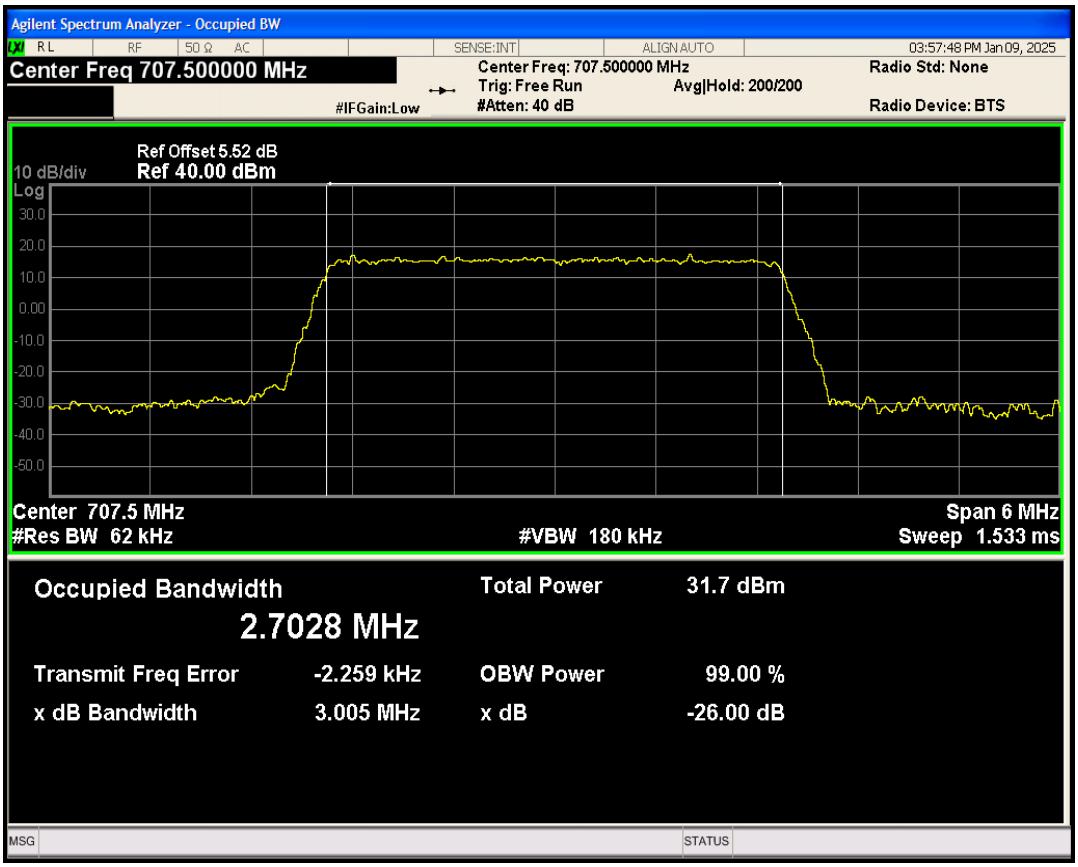
Band12 QPSK BW=3MHz Channel=23025 RB Size=15 Position=#0



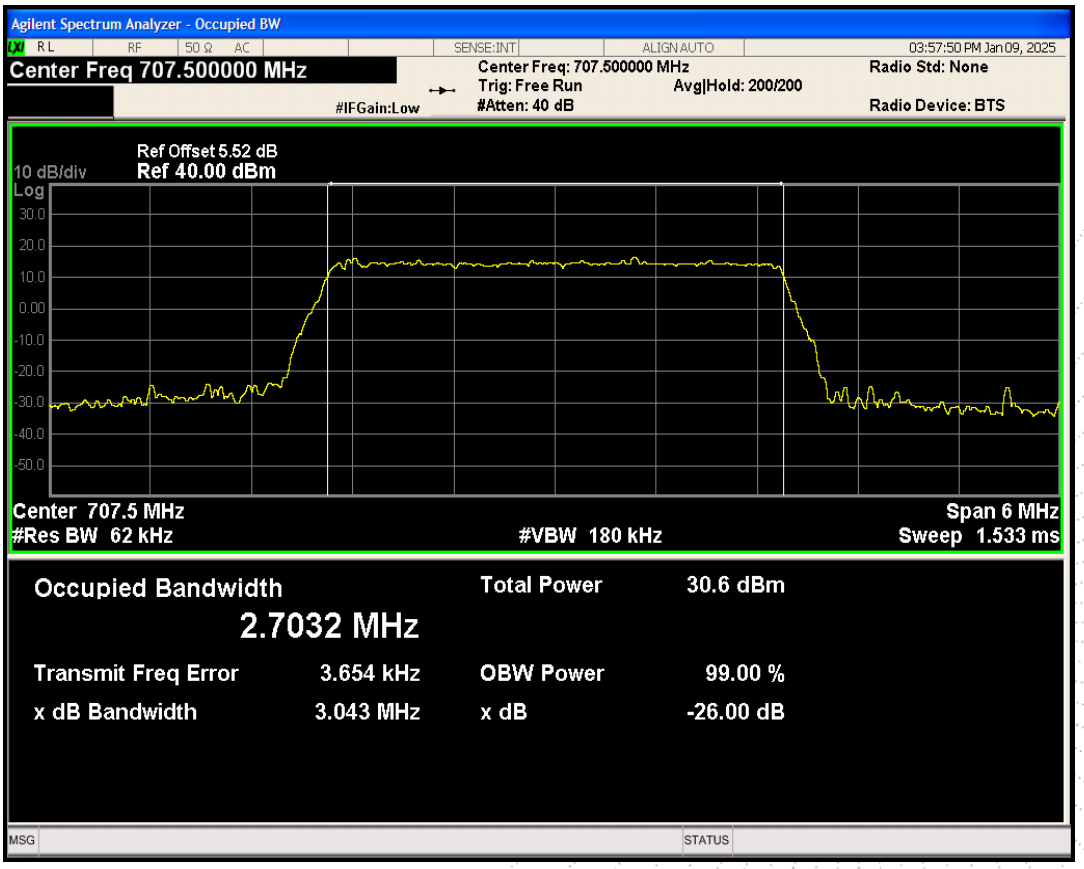
Band12 16QAM BW=3MHz Channel=23025 RB Size=15 Position=#0



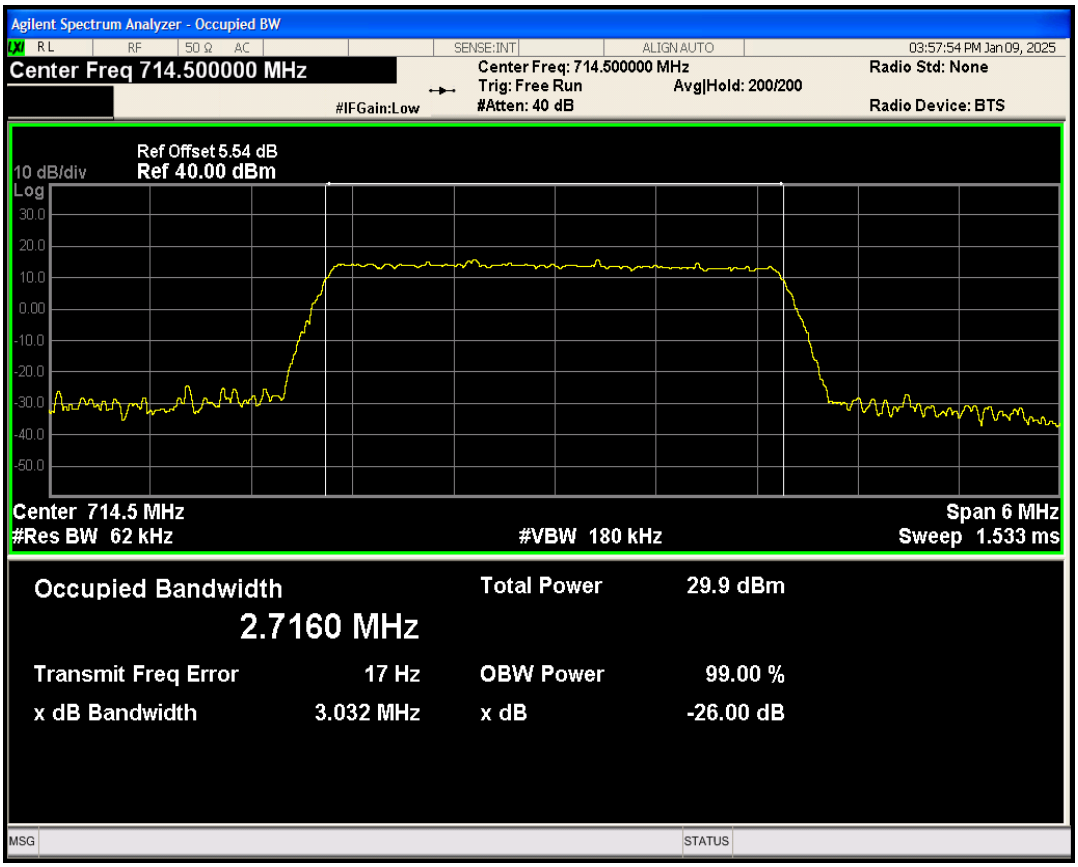
Band12 QPSK BW=3MHz Channel=23095 RB Size=15 Position=#0



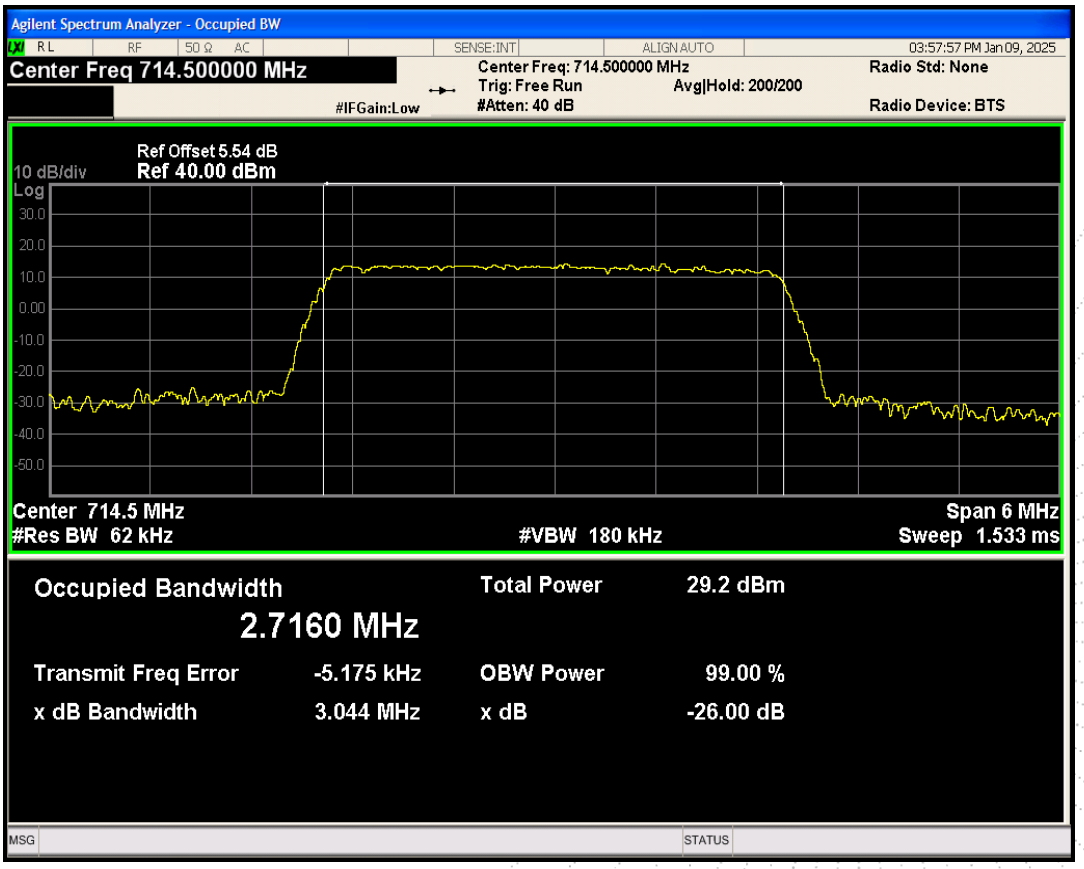
Band12 16QAM BW=3MHz Channel=23095 RB Size=15 Position=#0



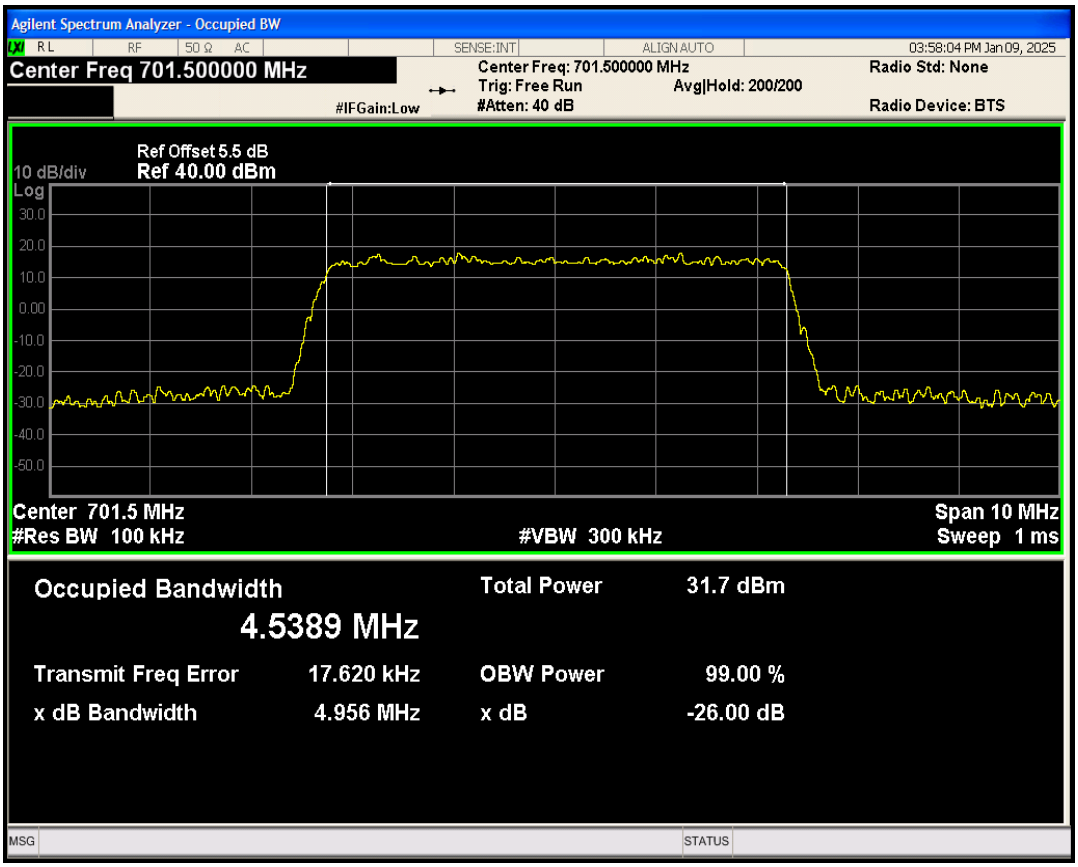
Band12 QPSK BW=3MHz Channel=23165 RB Size=15 Position=#0



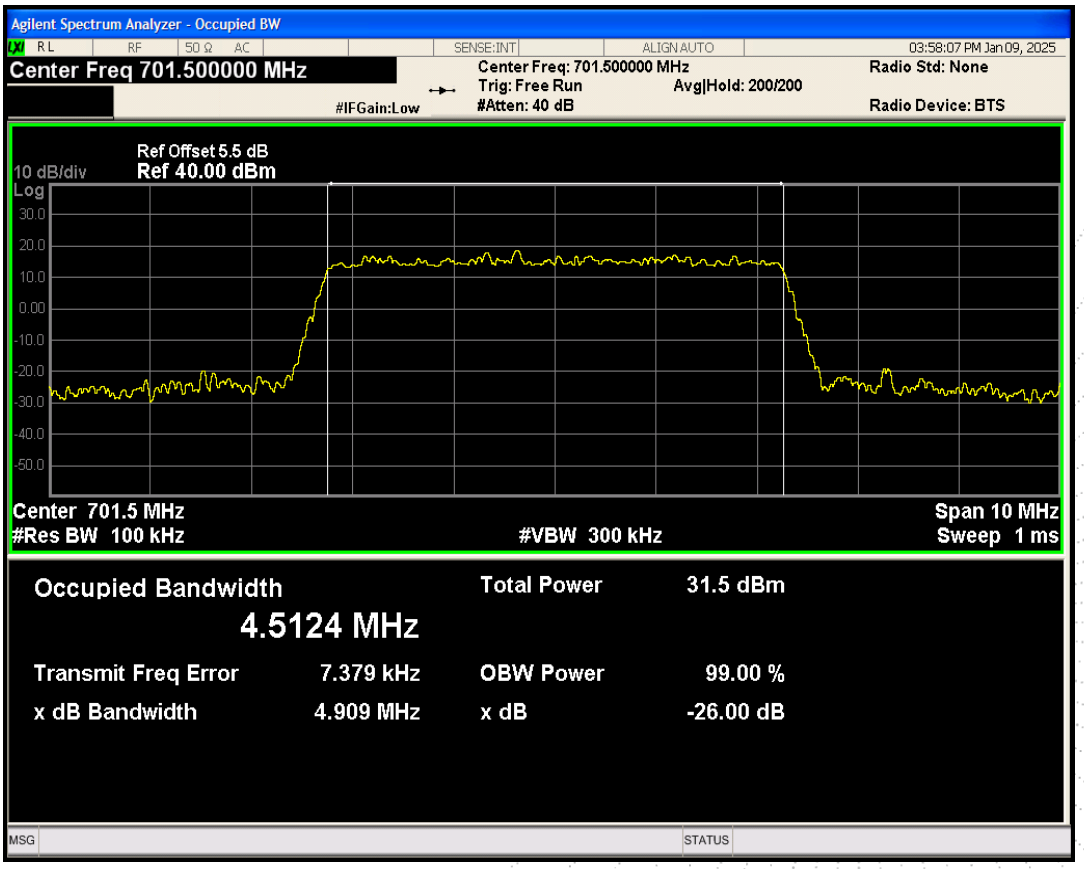
Band12 16QAM BW=3MHz Channel=23165 RB Size=15 Position=#0



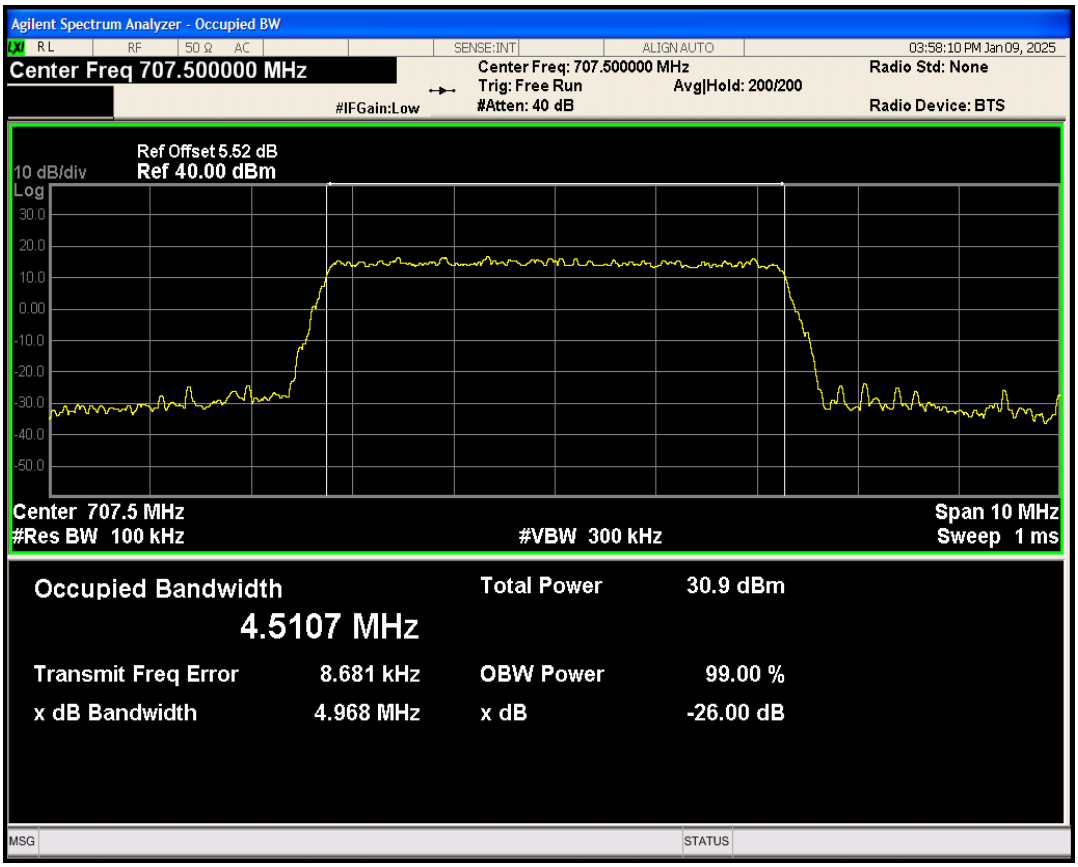
Band12 QPSK BW=5MHz Channel=23035 RB Size=25 Position=#0



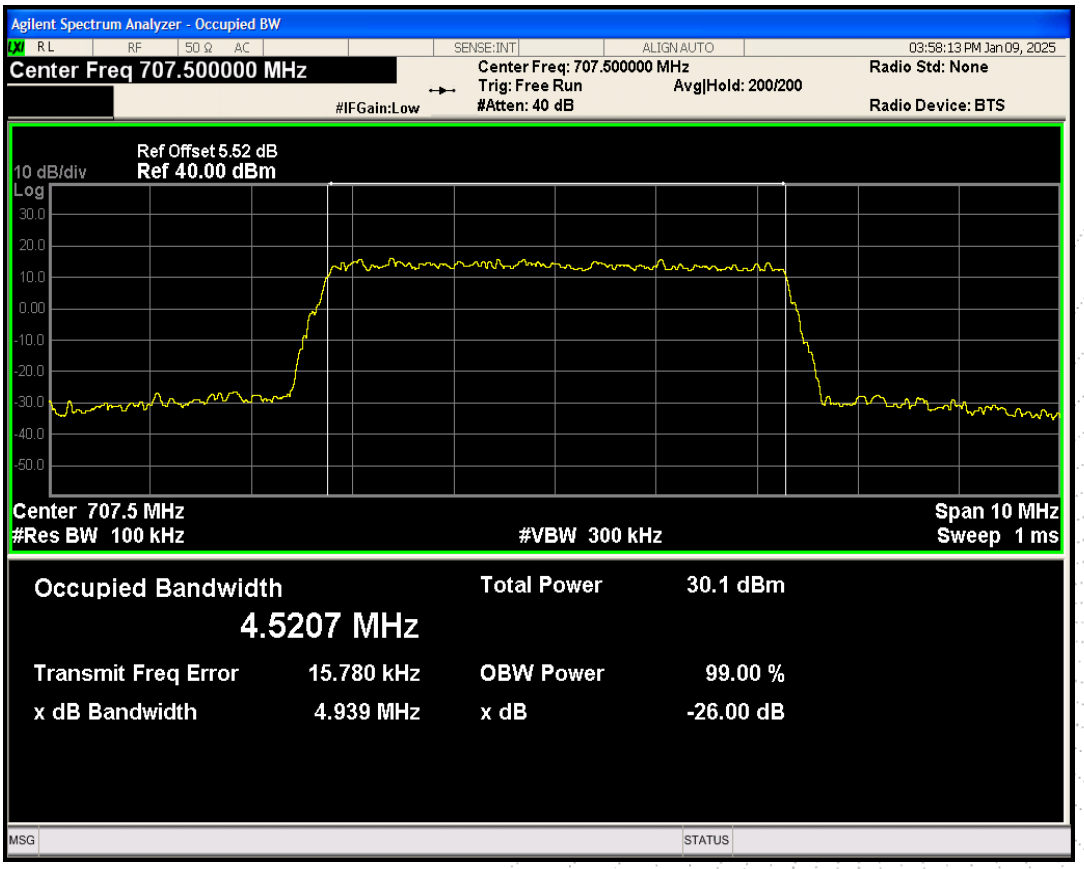
Band12 16QAM BW=5MHz Channel=23035 RB Size=25 Position=#0



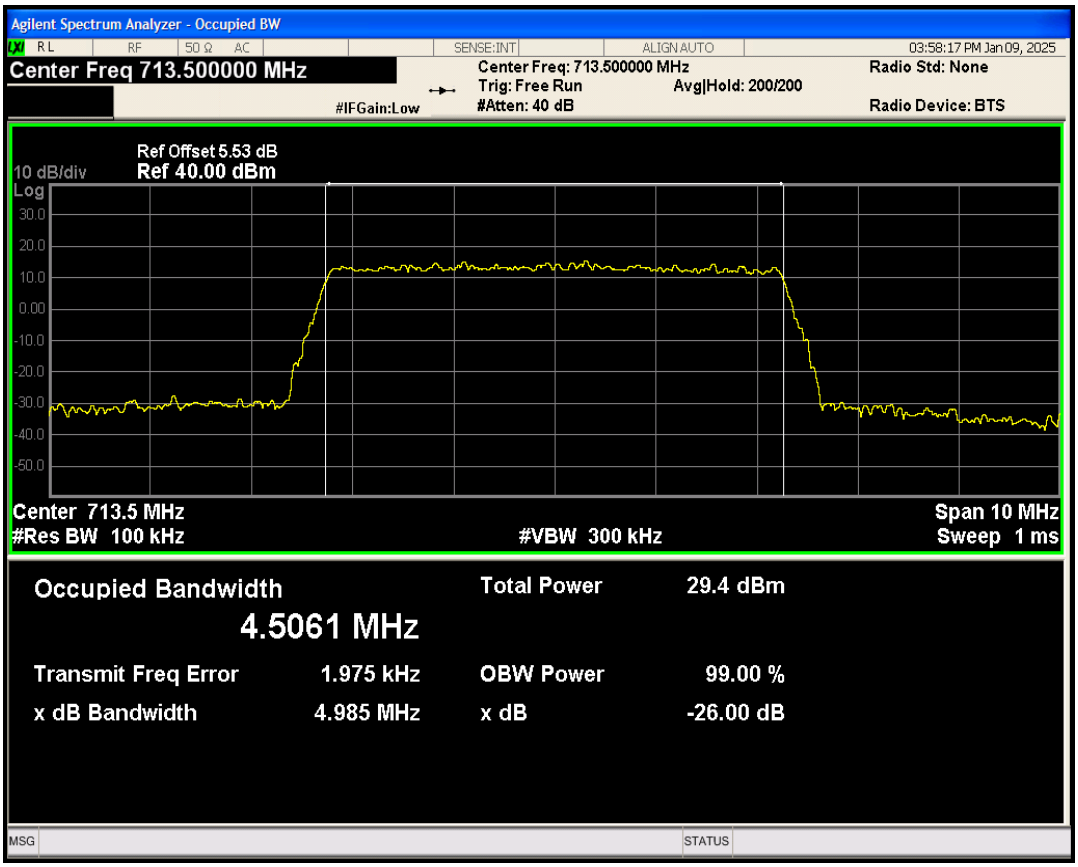
Band12 QPSK BW=5MHz Channel=23095 RB Size=25 Position=#0



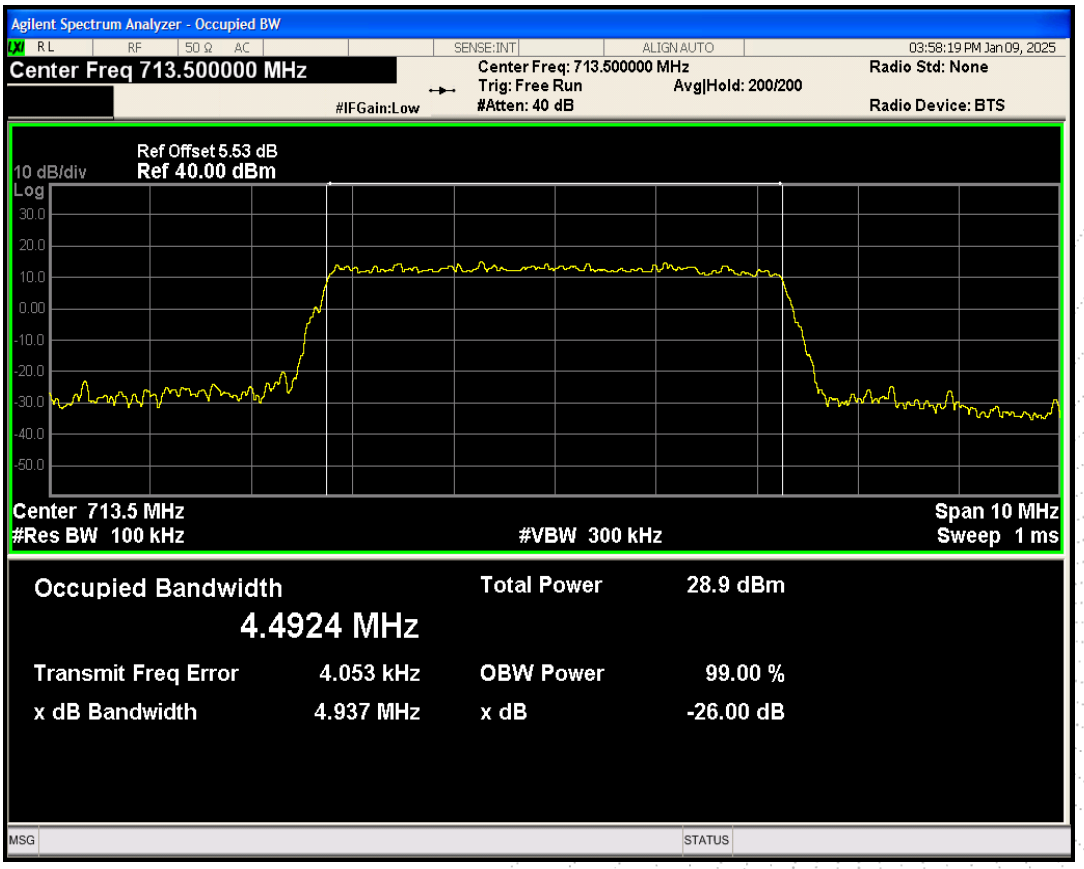
Band12 16QAM BW=5MHz Channel=23095 RB Size=25 Position=#0



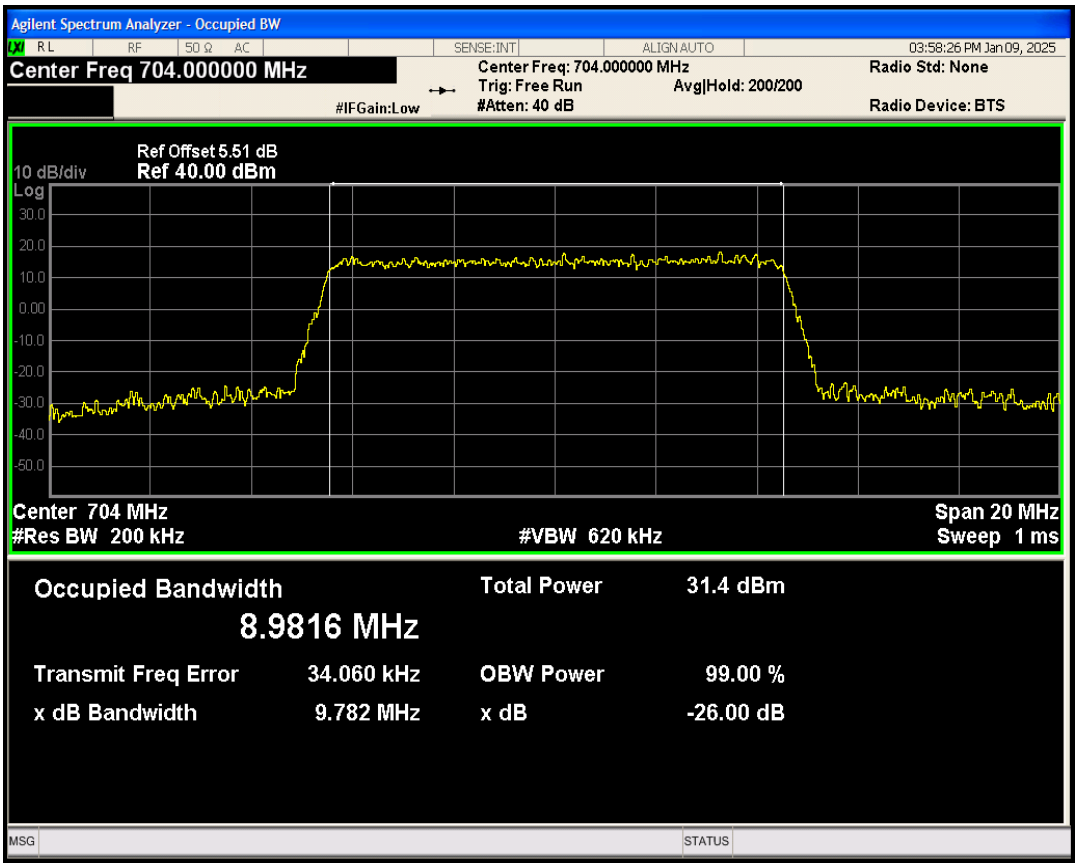
Band12 QPSK BW=5MHz Channel=23155 RB Size=25 Position=#0



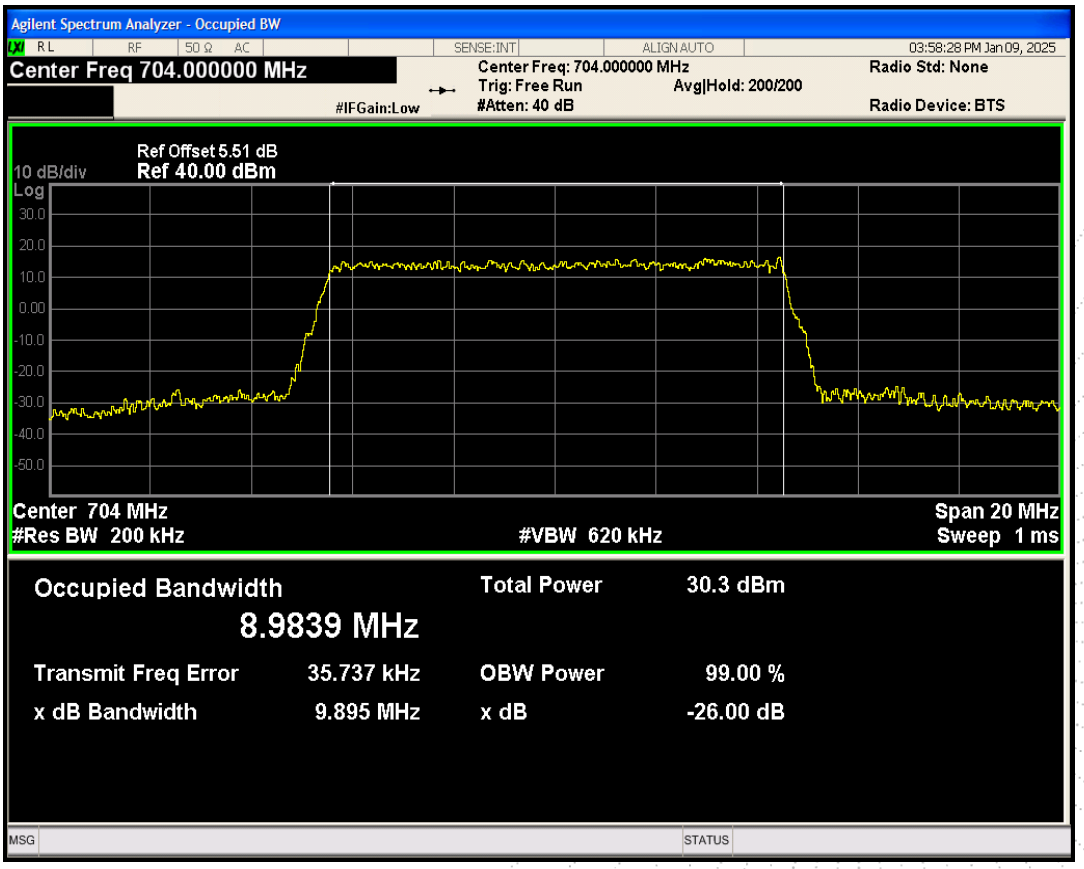
Band12 16QAM BW=5MHz Channel=23155 RB Size=25 Position=#0



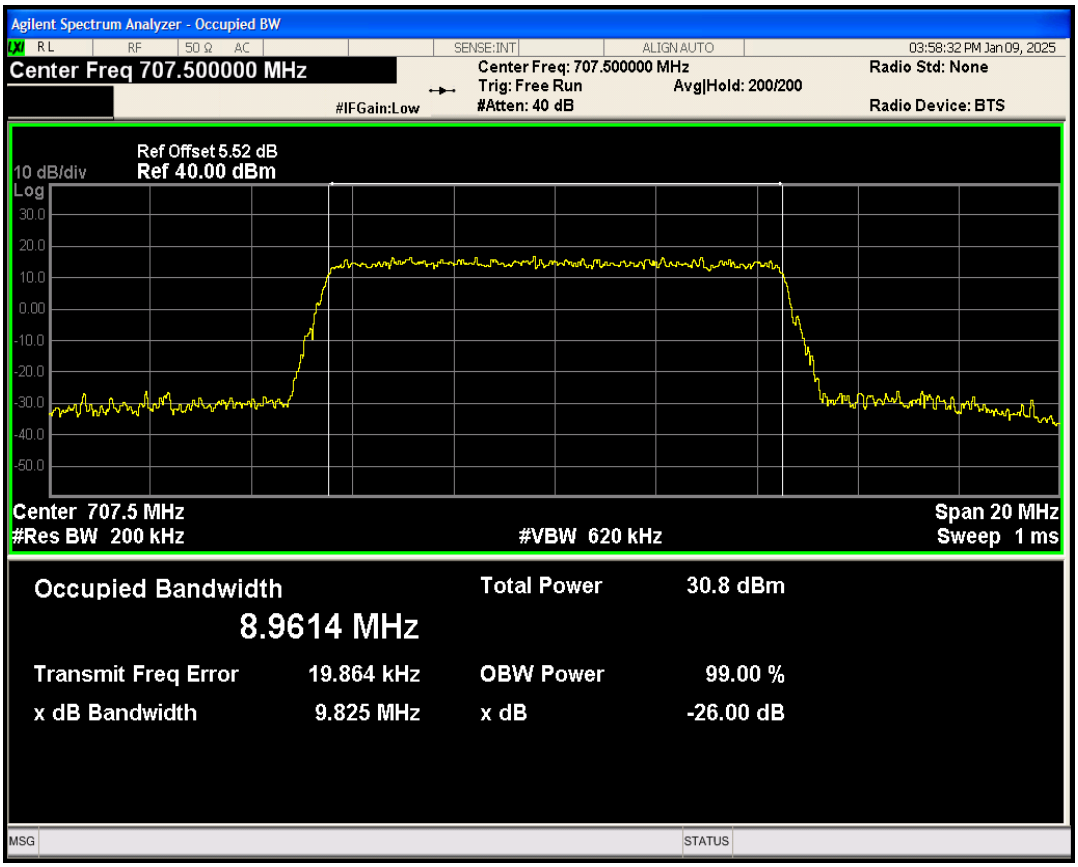
Band12 QPSK BW=10MHz Channel=23060 RB Size=50 Position=#0



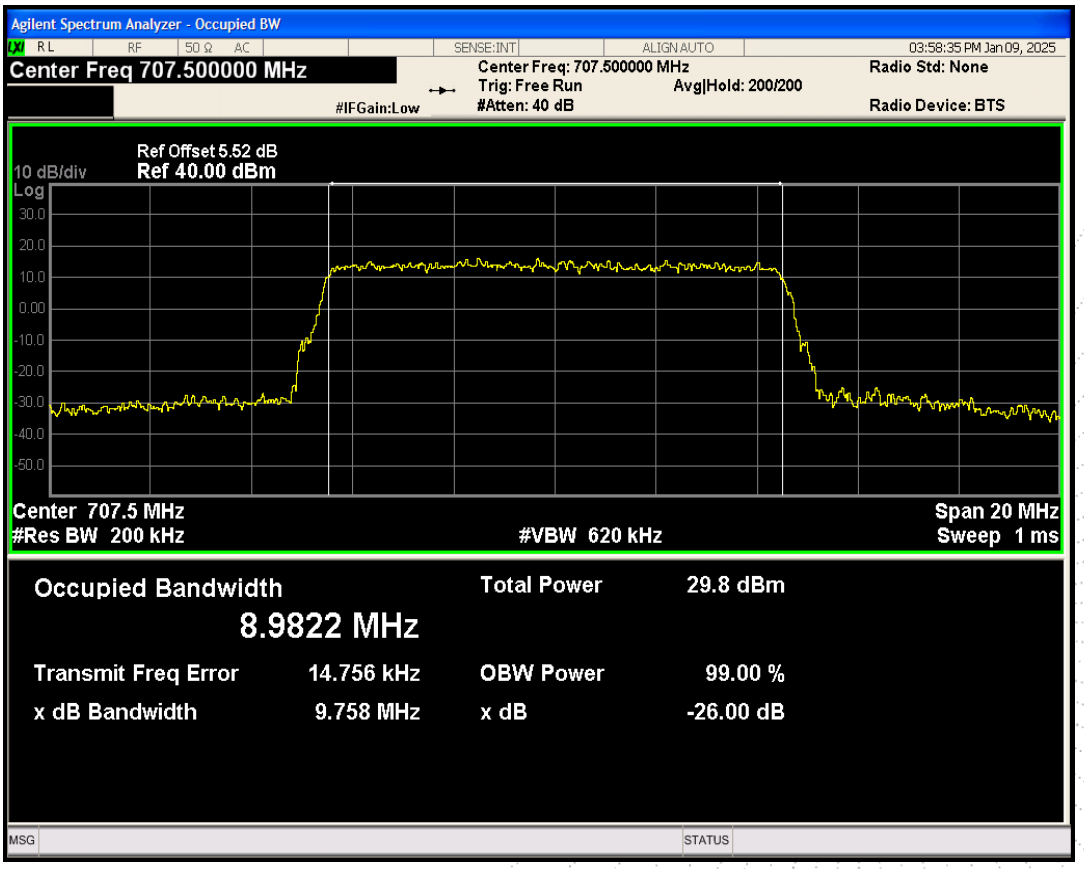
Band12 16QAM BW=10MHz Channel=23060 RB Size=50 Position=#0



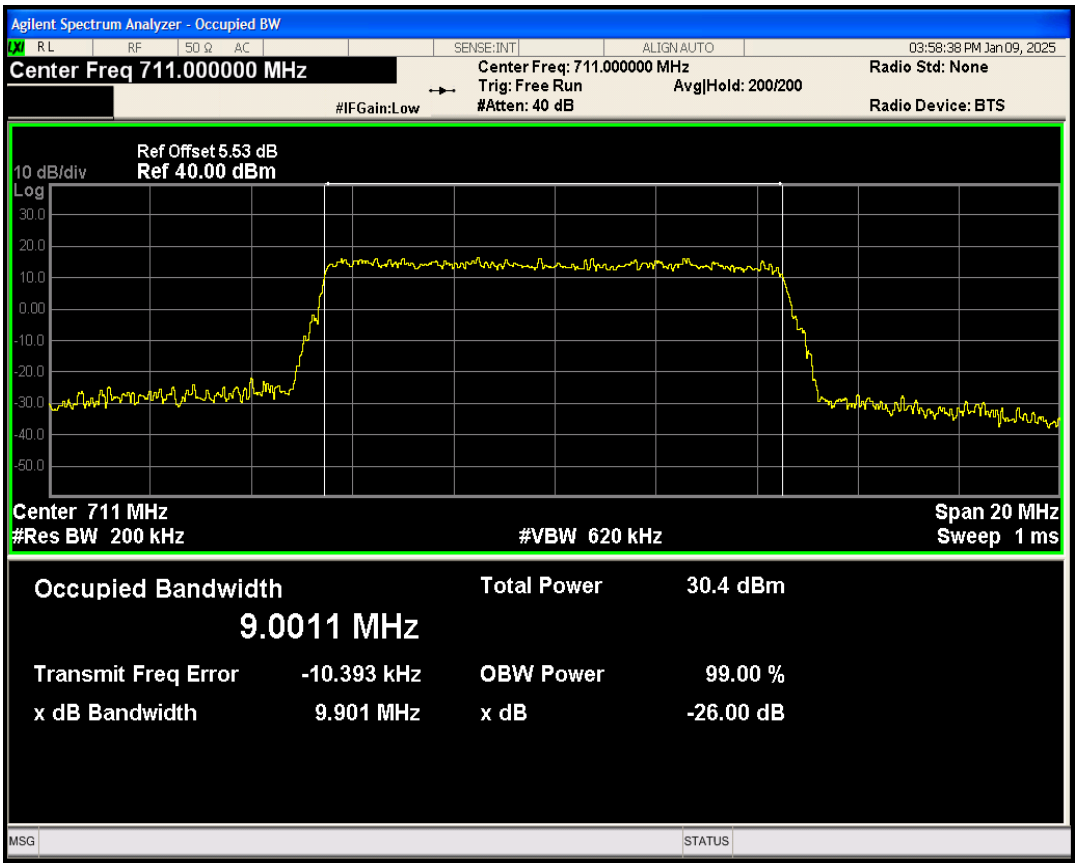
Band12 QPSK BW=10MHz Channel=23095 RB Size=50 Position=#0



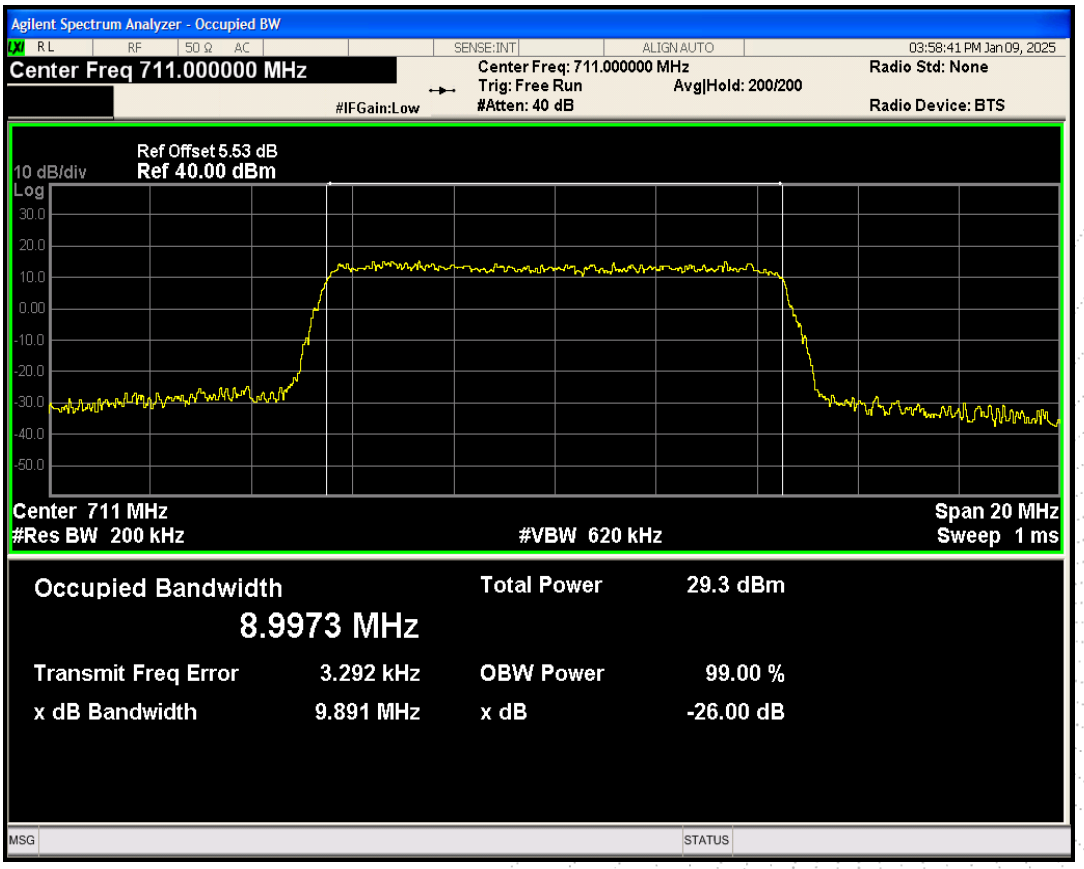
Band12 16QAM BW=10MHz Channel=23095 RB Size=50 Position=#0



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



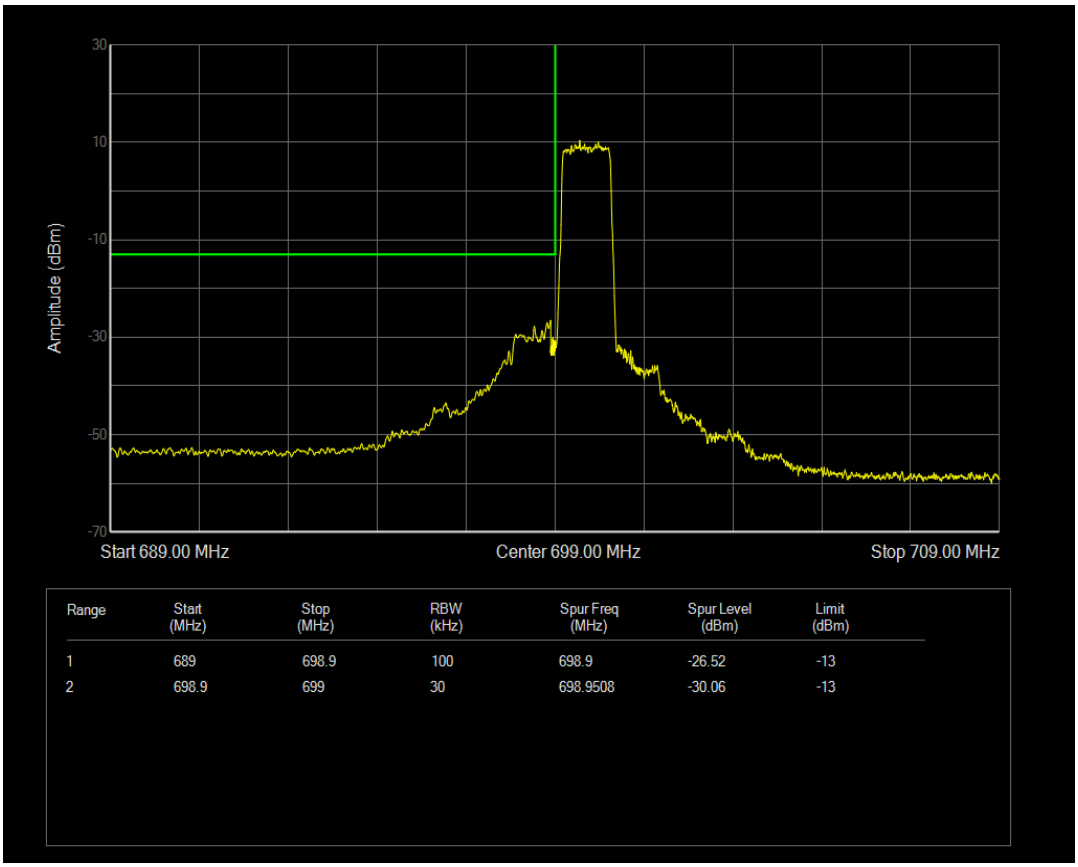
Band12 16QAM BW=10MHz Channel=23130 RB Size=50 Position=#0



Appendix 5. Band edge

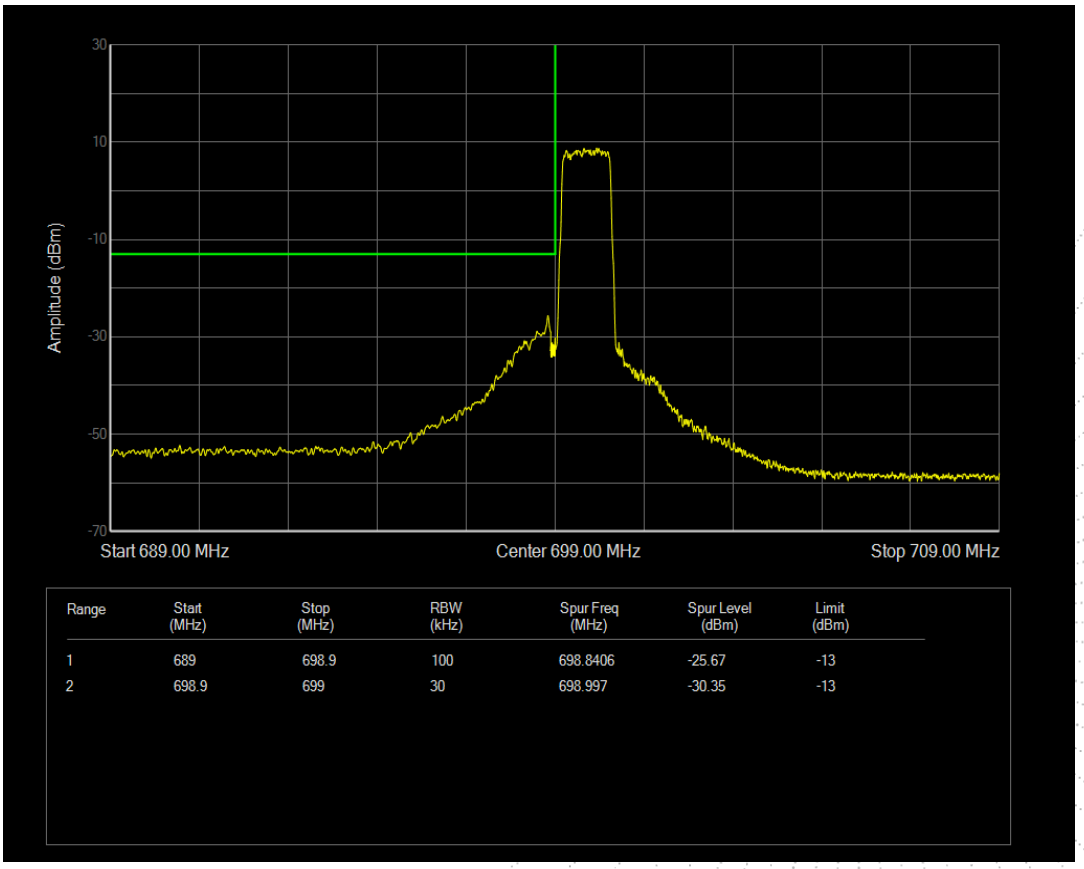
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band12	1.4	23017	6	#0	QPSK	698.90	-26.52	-13	PASS
Band12	1.4	23017	6	#0	16QAM	698.84	-25.67	-13	PASS
Band12	1.4	23173	6	#0	QPSK	716.12	-33.73	-13	PASS
Band12	1.4	23173	6	#0	16QAM	716.12	-31.89	-13	PASS
Band12	3	23025	15	#0	QPSK	699.00	-21.51	-13	PASS
Band12	3	23025	15	#0	16QAM	698.99	-23.61	-13	PASS
Band12	3	23165	15	#0	QPSK	716.00	-27.51	-13	PASS
Band12	3	23165	15	#0	16QAM	716.00	-27.96	-13	PASS
Band12	5	23035	25	#0	QPSK	699.00	-31.91	-13	PASS
Band12	5	23035	25	#0	16QAM	699.00	-31.57	-13	PASS
Band12	5	23155	25	#0	QPSK	716.00	-36.03	-13	PASS
Band12	5	23155	25	#0	16QAM	716.00	-35.66	-13	PASS
Band12	10	23060	50	#0	QPSK	698.90	-37.25	-13	PASS
Band12	10	23060	50	#0	16QAM	698.90	-36.66	-13	PASS
Band12	10	23130	50	#0	QPSK	716.14	-39.79	-13	PASS
Band12	10	23130	50	#0	16QAM	716.16	-40.94	-13	PASS

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



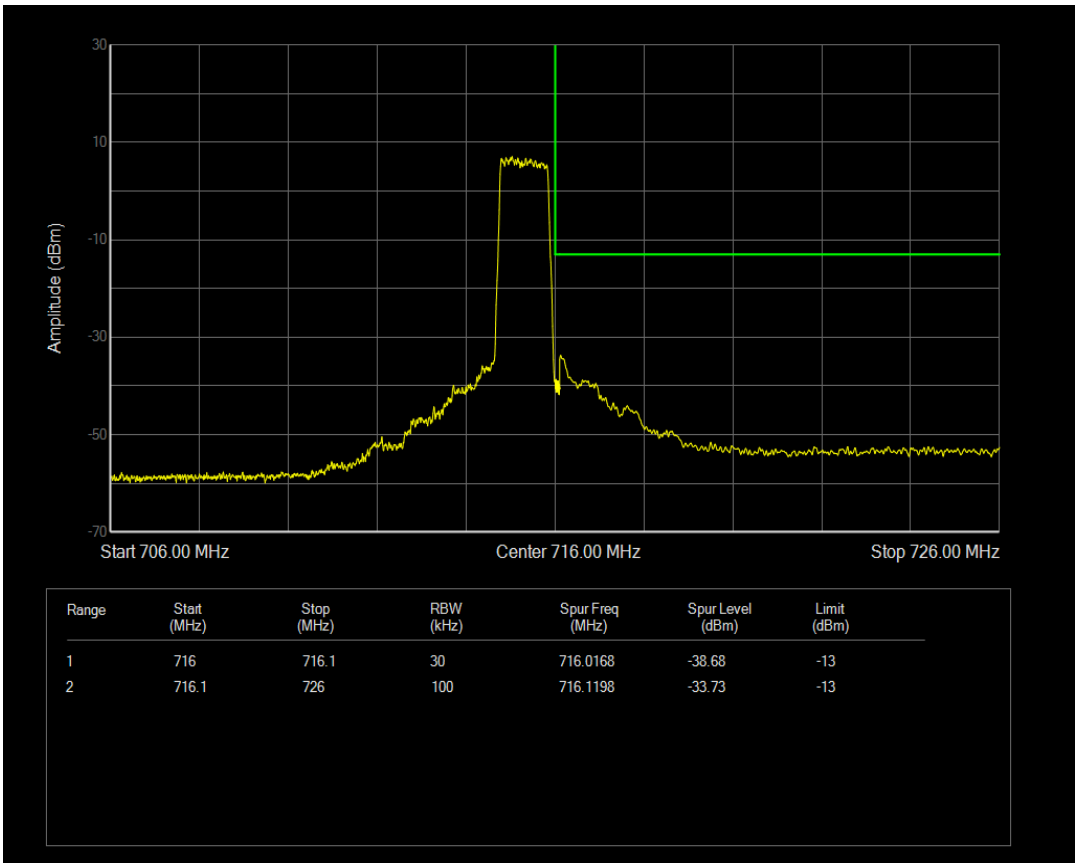
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	689	698.9	100	698.9	-26.52	-13
2	698.9	699	30	698.9508	-30.06	-13

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



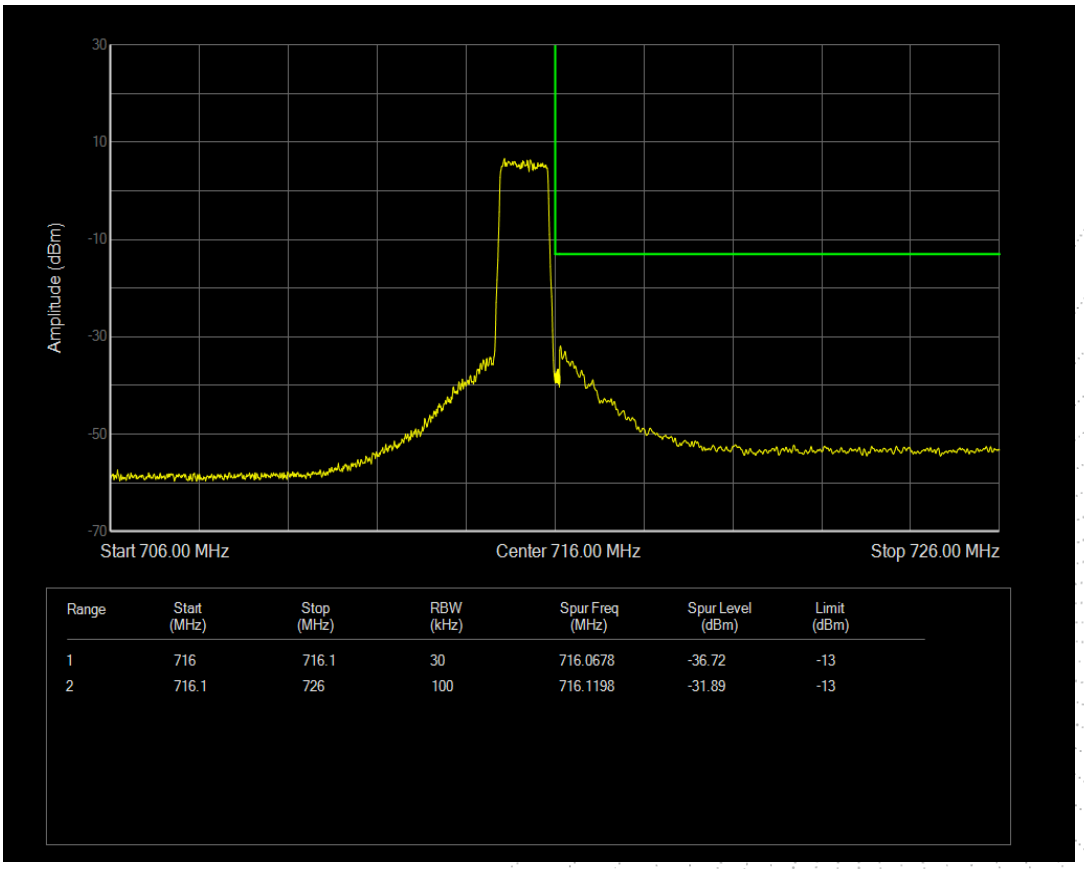
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	689	698.9	100	698.8406	-25.67	-13
2	698.9	699	30	698.997	-30.35	-13

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



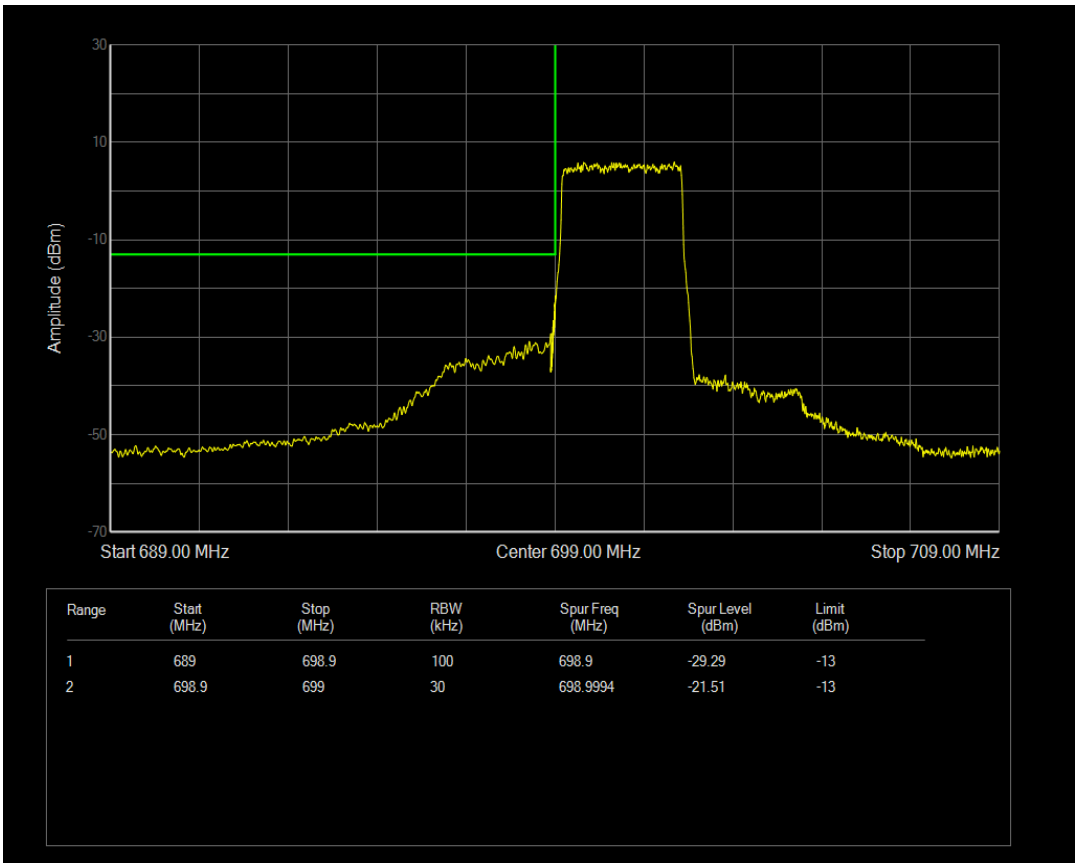
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	716	716.1	30	716.0168	-38.68	-13
2	716.1	726	100	716.1198	-33.73	-13

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



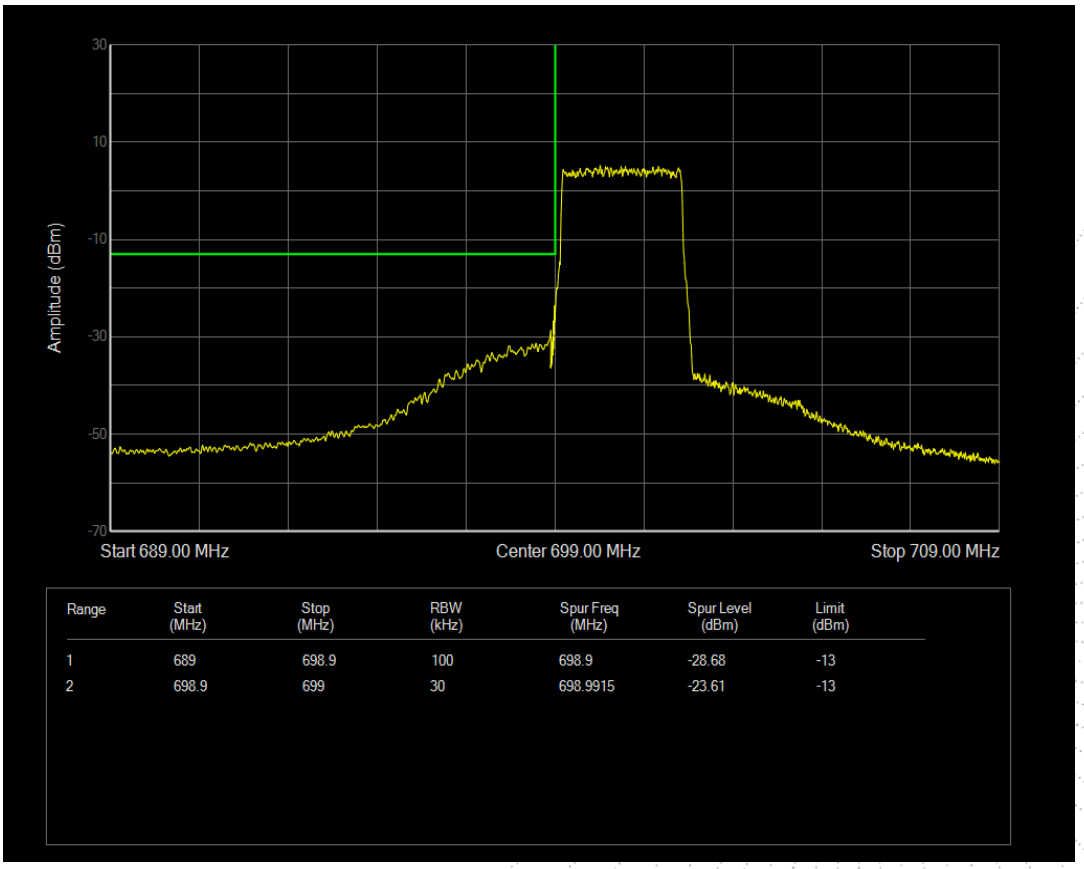
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	716	716.1	30	716.0678	-36.72	-13
2	716.1	726	100	716.1198	-31.89	-13

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



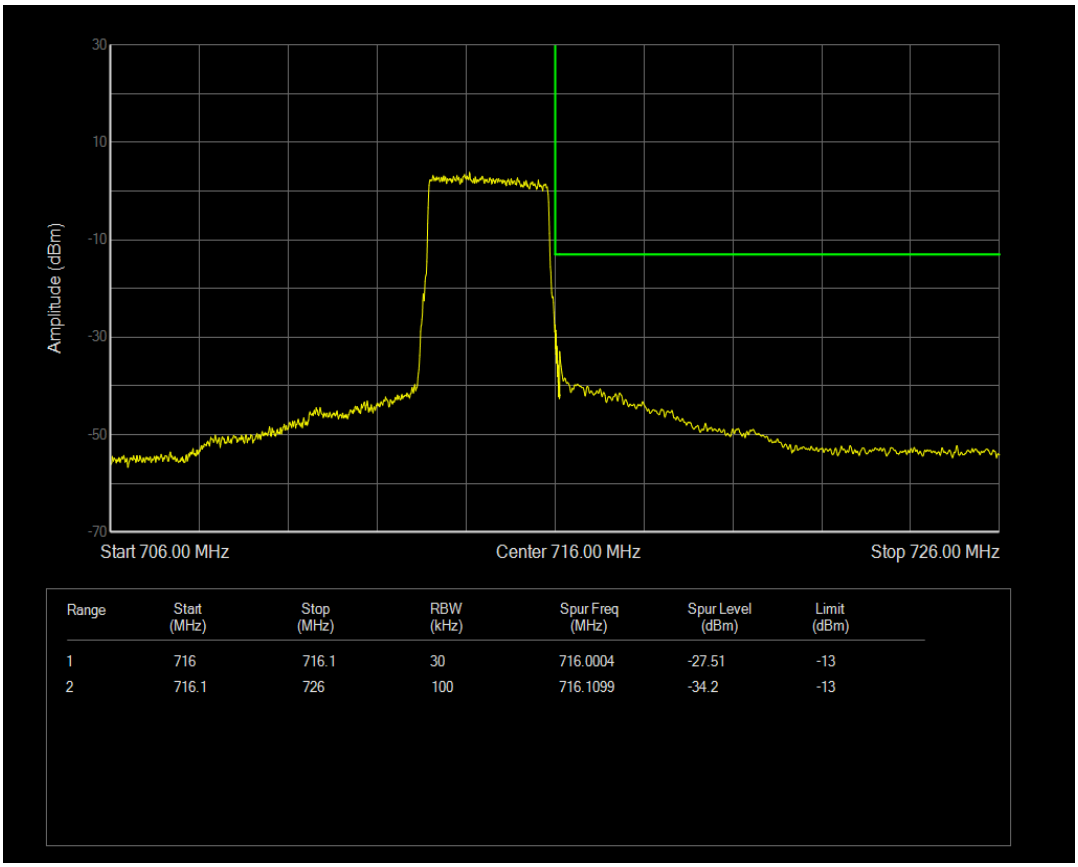
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	689	698.9	100	698.9	-29.29	-13
2	698.9	699	30	698.9994	-21.51	-13

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



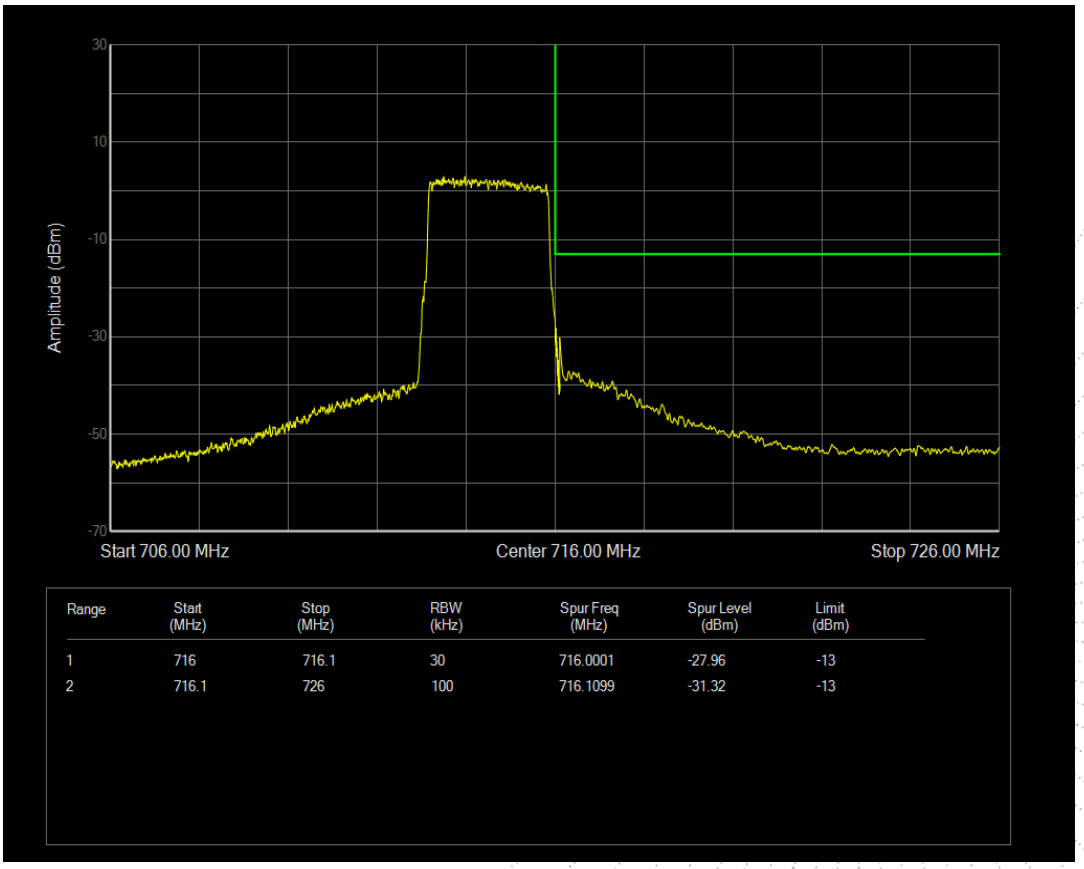
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	689	698.9	100	698.9	-28.68	-13
2	698.9	699	30	698.9915	-23.61	-13

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



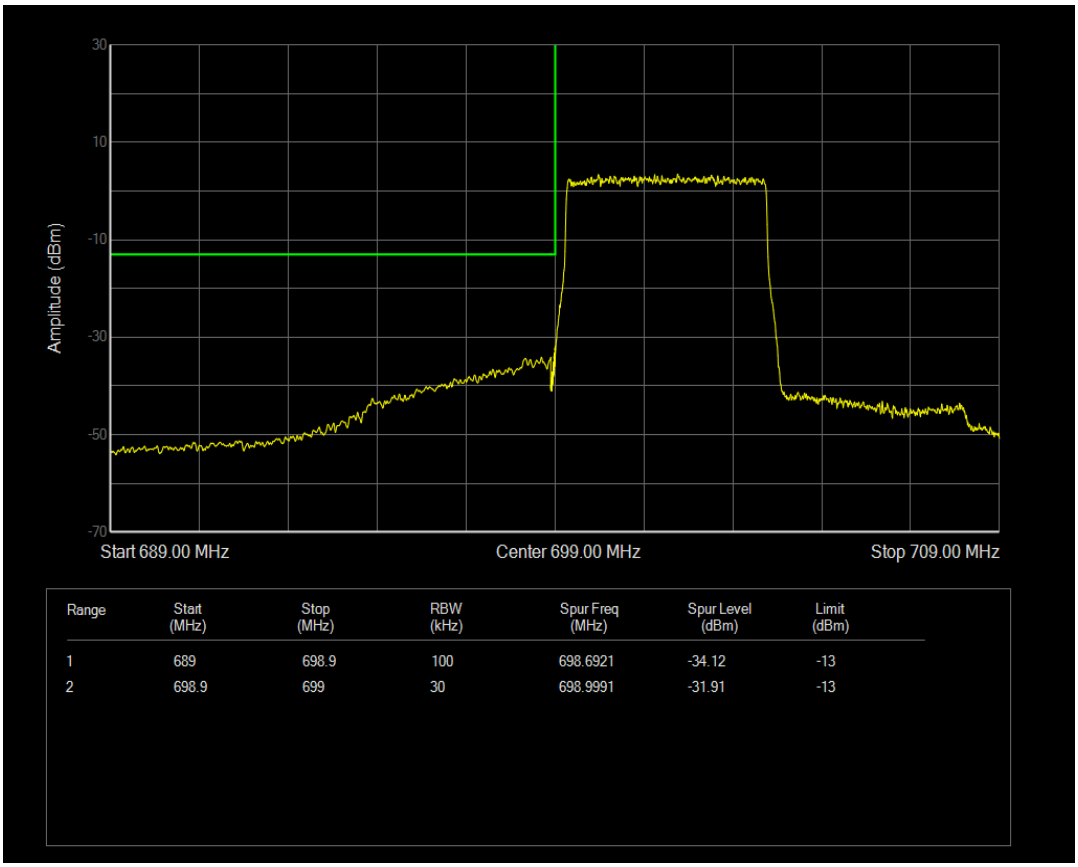
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	716	716.1	30	716.0004	-27.51	-13
2	716.1	726	100	716.1099	-34.2	-13

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



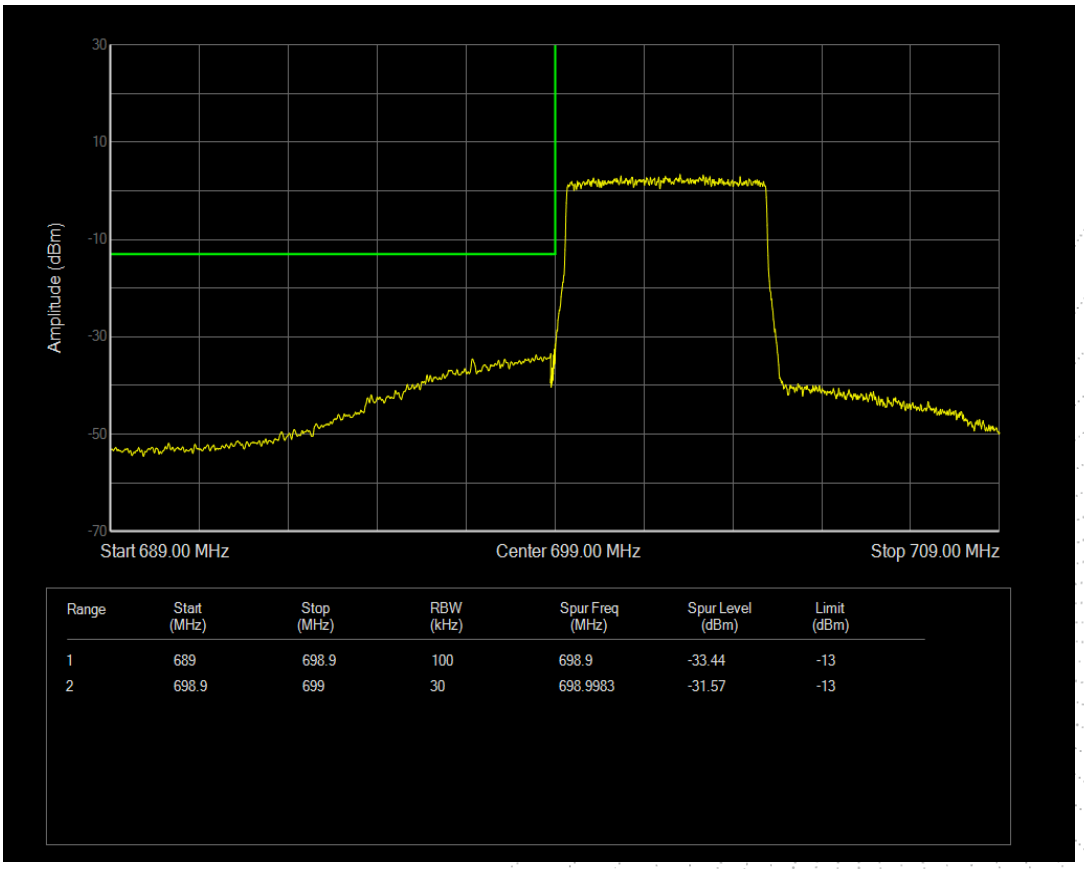
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	716	716.1	30	716.0001	-27.96	-13
2	716.1	726	100	716.1099	-31.32	-13

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



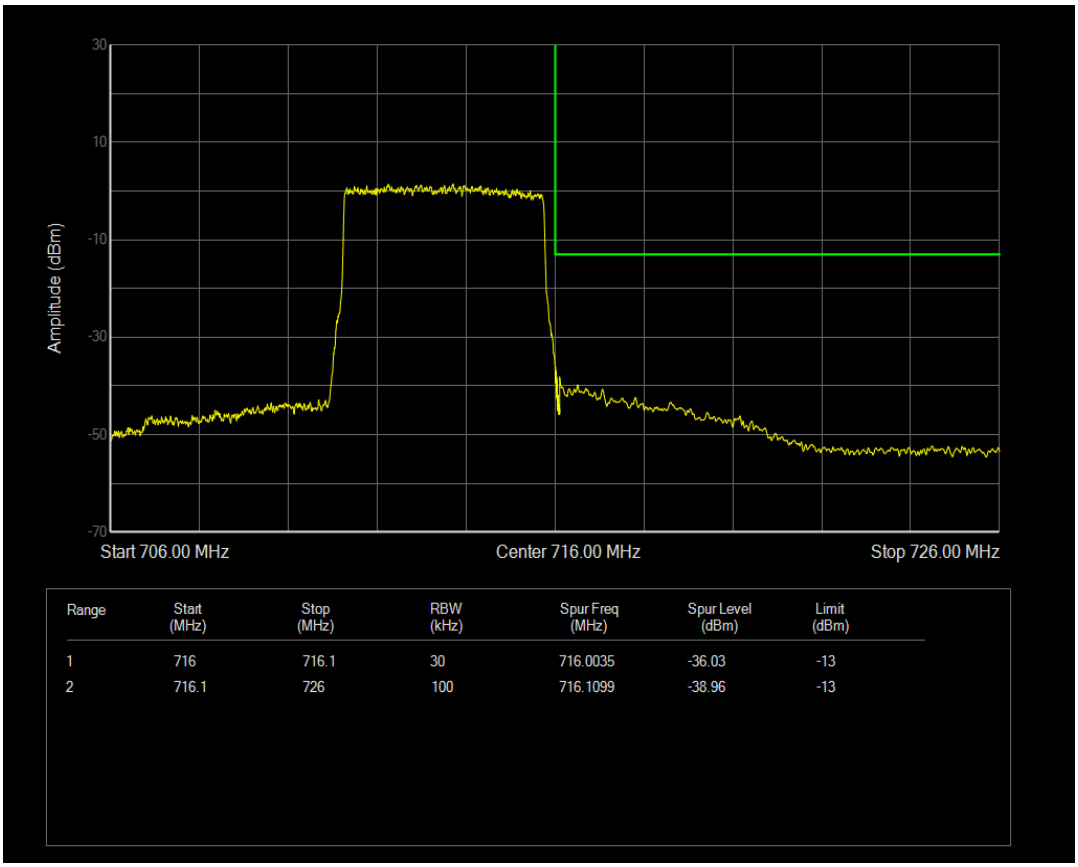
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	689	698.9	100	698.6921	-34.12	-13
2	698.9	699	30	698.9991	-31.91	-13

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



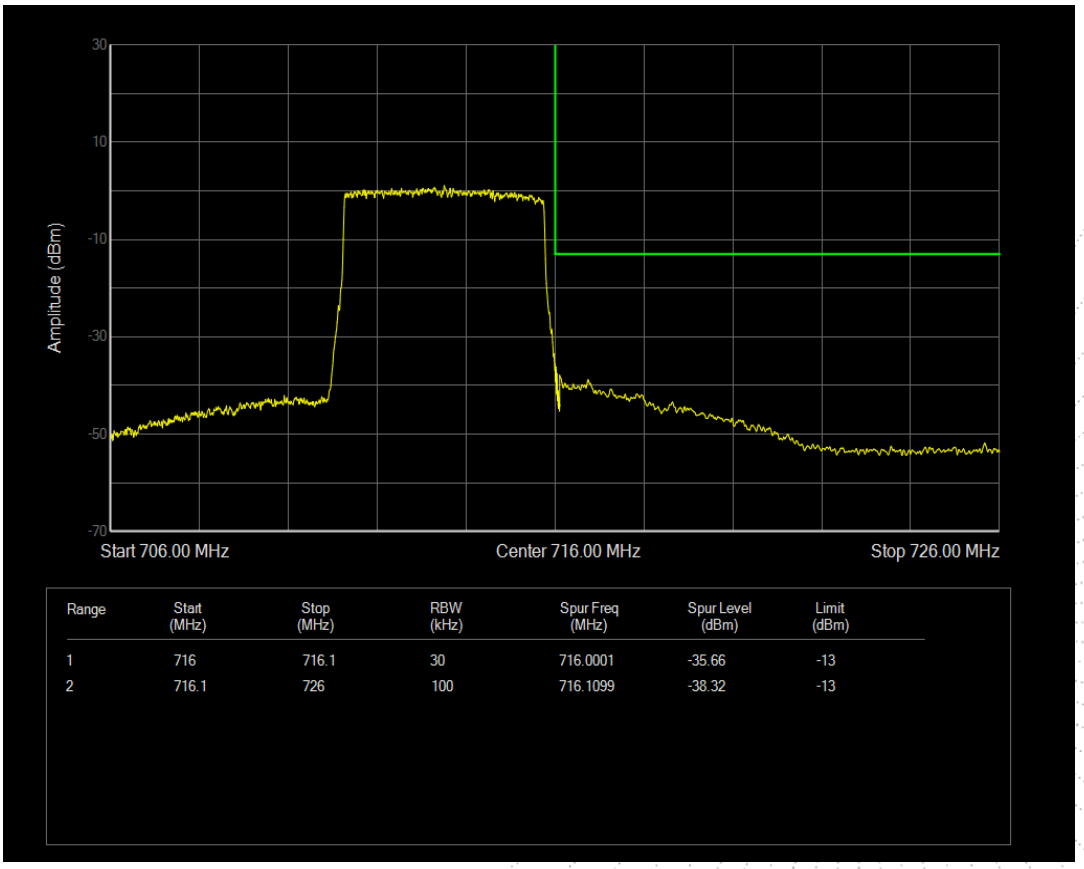
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	689	698.9	100	698.9	-33.44	-13
2	698.9	699	30	698.9983	-31.57	-13

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



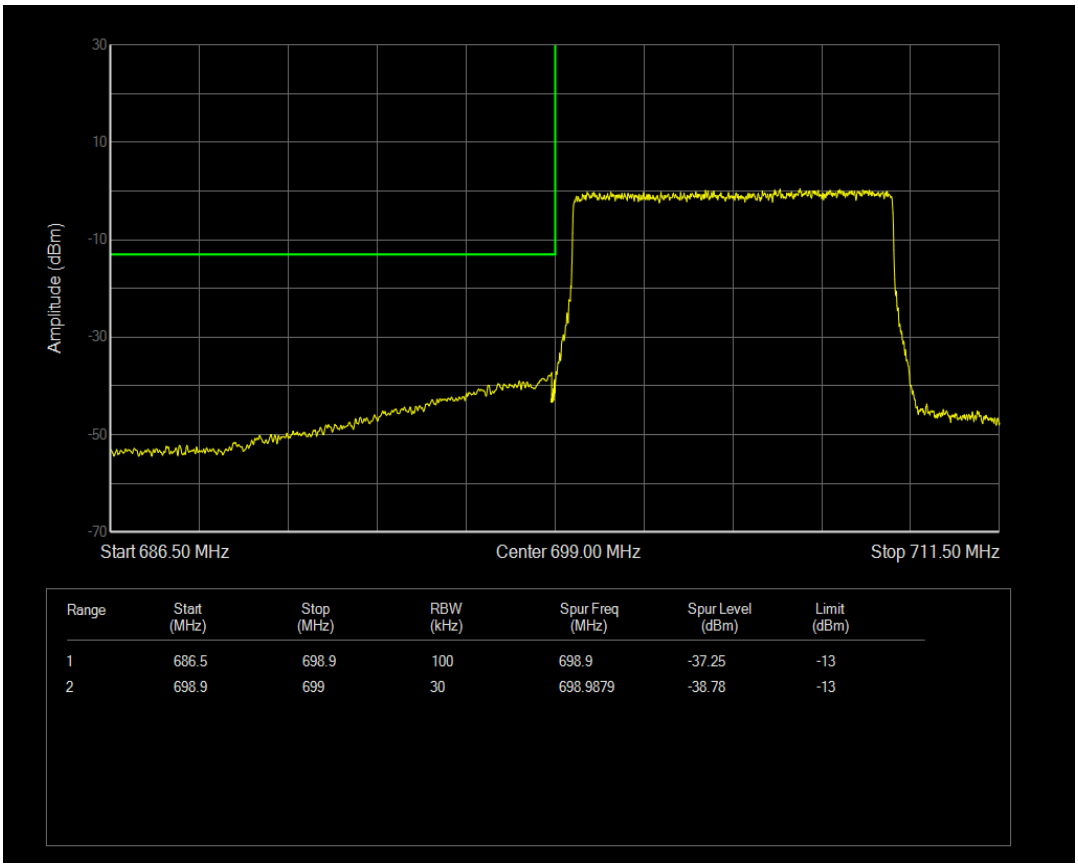
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	716	716.1	30	716.0035	-36.03	-13
2	716.1	726	100	716.1099	-38.96	-13

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



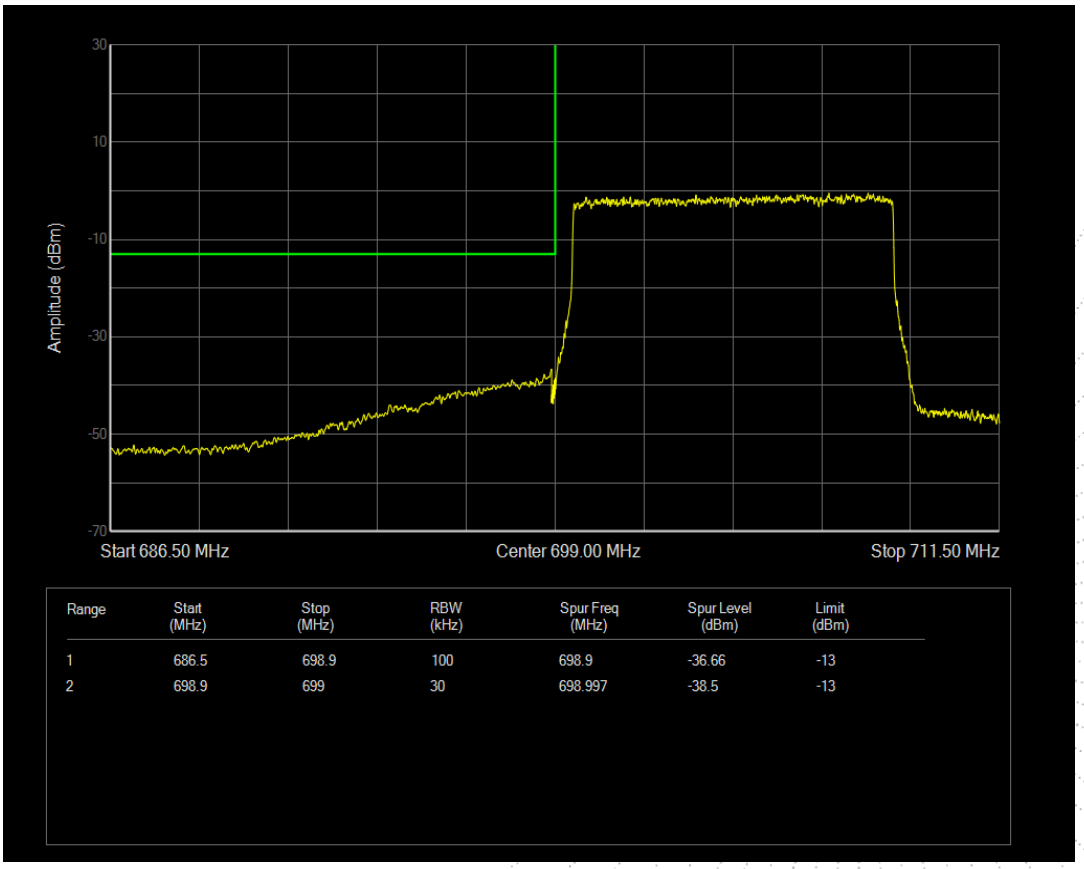
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	716	716.1	30	716.0001	-35.66	-13
2	716.1	726	100	716.1099	-38.32	-13

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



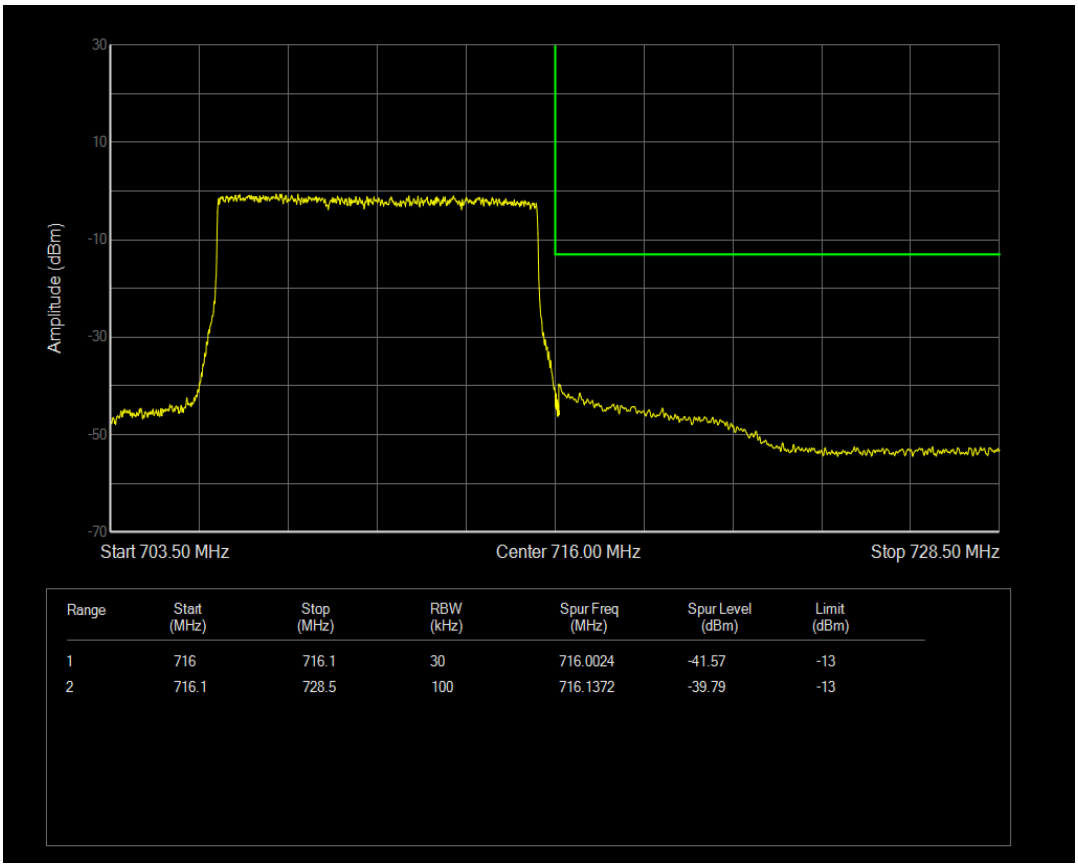
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	686.5	698.9	100	698.9	-37.25	-13
2	698.9	699	30	698.9879	-38.78	-13

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



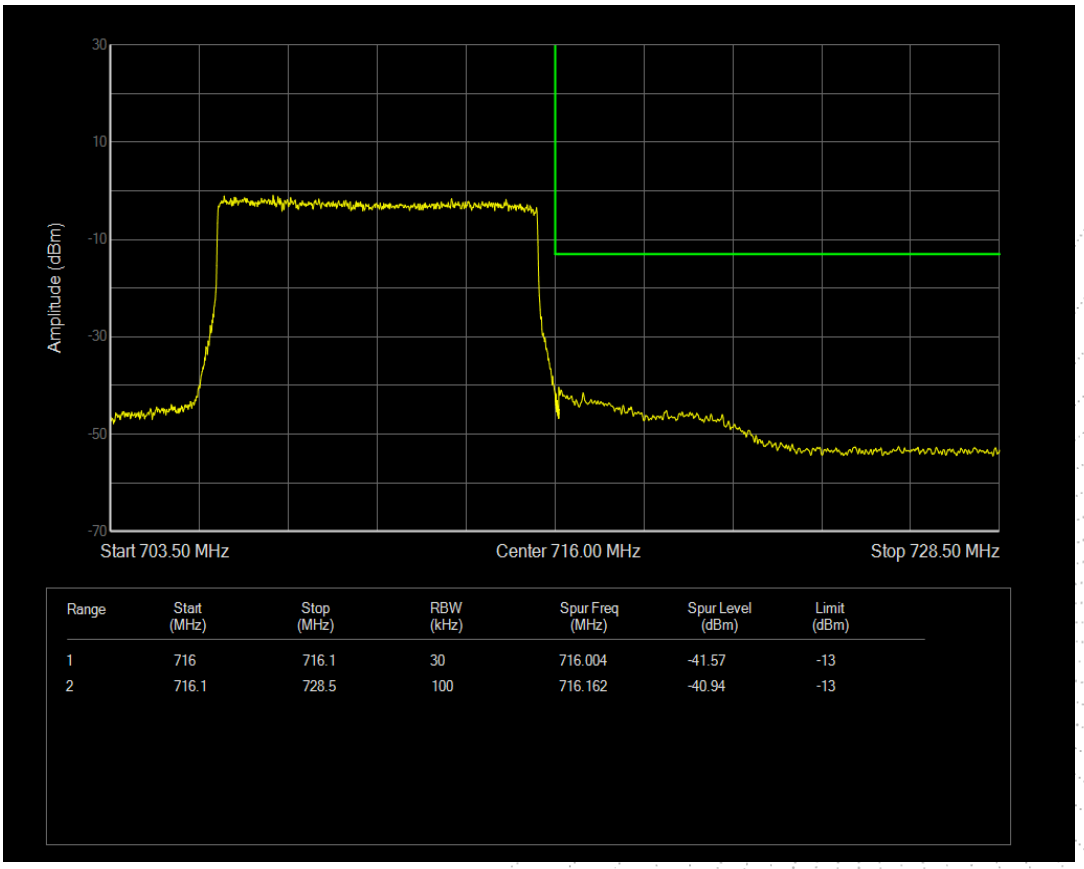
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	686.5	698.9	100	698.9	-36.66	-13
2	698.9	699	30	698.997	-38.5	-13

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



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	716	716.1	30	716.0024	-41.57	-13
2	716.1	728.5	100	716.1372	-39.79	-13

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

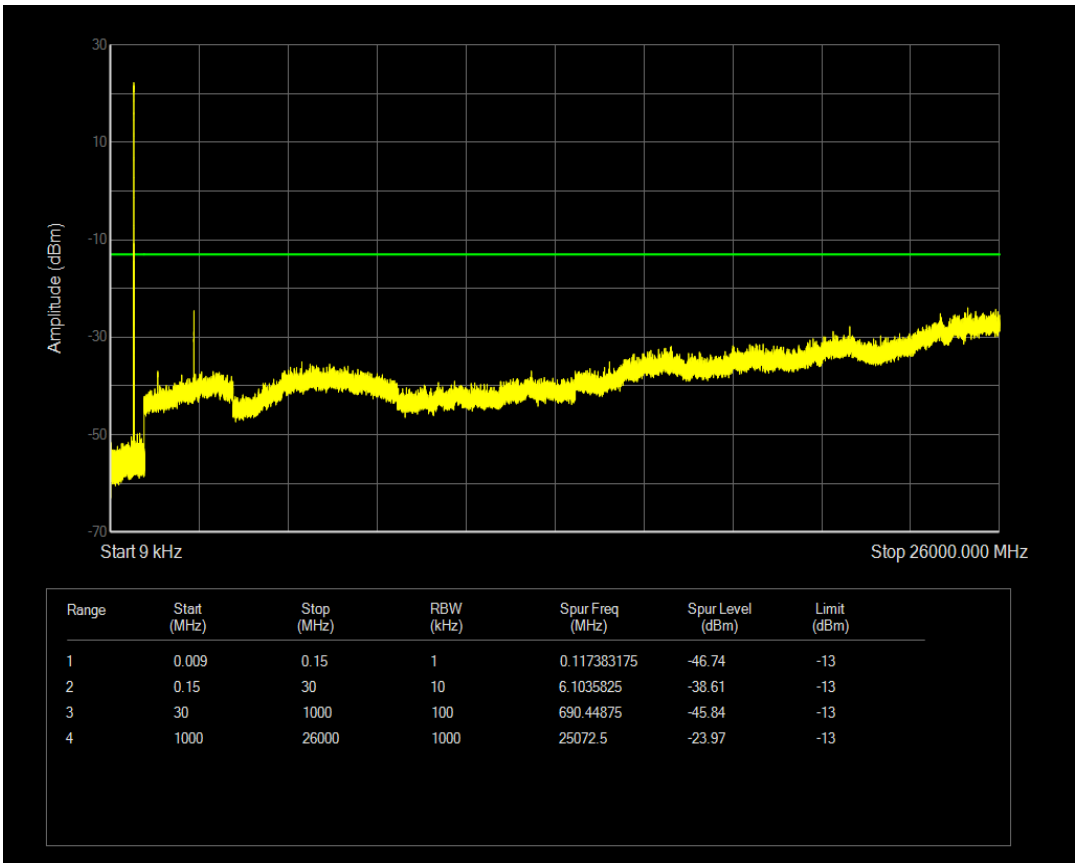


Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	716	716.1	30	716.004	-41.57	-13
2	716.1	728.5	100	716.162	-40.94	-13

Appendix 6. Out-of-band emissions

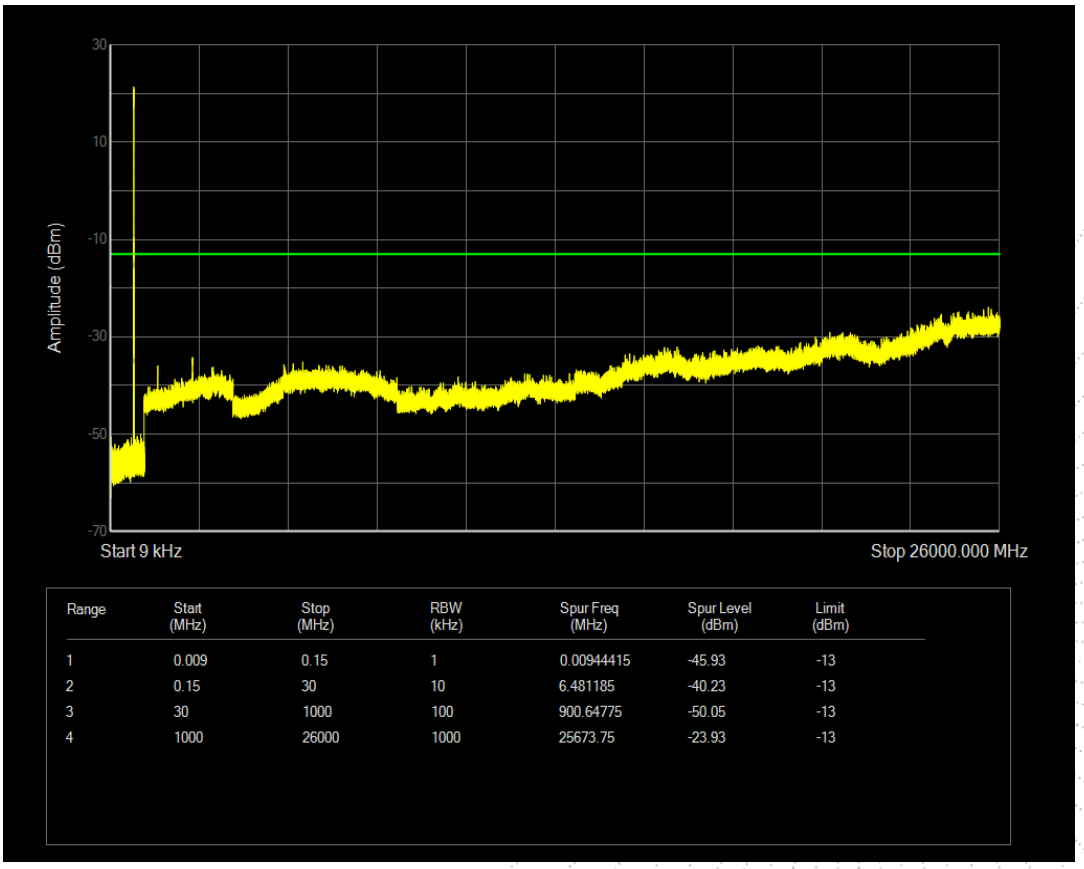
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band12	1.4	23017	6	#0	QPSK	25072.50	-23.97	-13	PASS
Band12	1.4	23017	6	#0	16QAM	25673.75	-23.93	-13	PASS
Band12	1.4	23095	6	#0	QPSK	2458.75	-23.11	-13	PASS
Band12	1.4	23095	6	#0	16QAM	24665.63	-24.24	-13	PASS
Band12	1.4	23173	6	#0	QPSK	25994.38	-23.81	-13	PASS
Band12	1.4	23173	6	#0	16QAM	24721.25	-23.44	-13	PASS
Band12	3	23025	15	#0	QPSK	25038.13	-24.19	-13	PASS
Band12	3	23025	15	#0	16QAM	25472.50	-23.68	-13	PASS
Band12	3	23095	15	#0	QPSK	25530.00	-24.32	-13	PASS
Band12	3	23095	15	#0	16QAM	25124.38	-24.46	-13	PASS
Band12	3	23165	15	#0	QPSK	25728.75	-24.51	-13	PASS
Band12	3	23165	15	#0	16QAM	25724.38	-24.67	-13	PASS
Band12	5	23035	25	#0	QPSK	25973.75	-23.92	-13	PASS
Band12	5	23035	25	#0	16QAM	25991.88	-24.49	-13	PASS
Band12	5	23095	25	#0	QPSK	25196.88	-24.27	-13	PASS
Band12	5	23095	25	#0	16QAM	25598.75	-24.85	-13	PASS
Band12	5	23155	25	#0	QPSK	25995.00	-24.22	-13	PASS
Band12	5	23155	25	#0	16QAM	2430.63	-23.88	-13	PASS
Band12	10	23060	50	#0	QPSK	25156.25	-24.40	-13	PASS
Band12	10	23060	50	#0	16QAM	24639.38	-24.47	-13	PASS
Band12	10	23095	50	#0	QPSK	25770.00	-24.10	-13	PASS
Band12	10	23095	50	#0	16QAM	25998.13	-24.52	-13	PASS
Band12	10	23130	50	#0	QPSK	2433.13	-23.71	-13	PASS
Band12	10	23130	50	#0	16QAM	2432.50	-23.12	-13	PASS

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



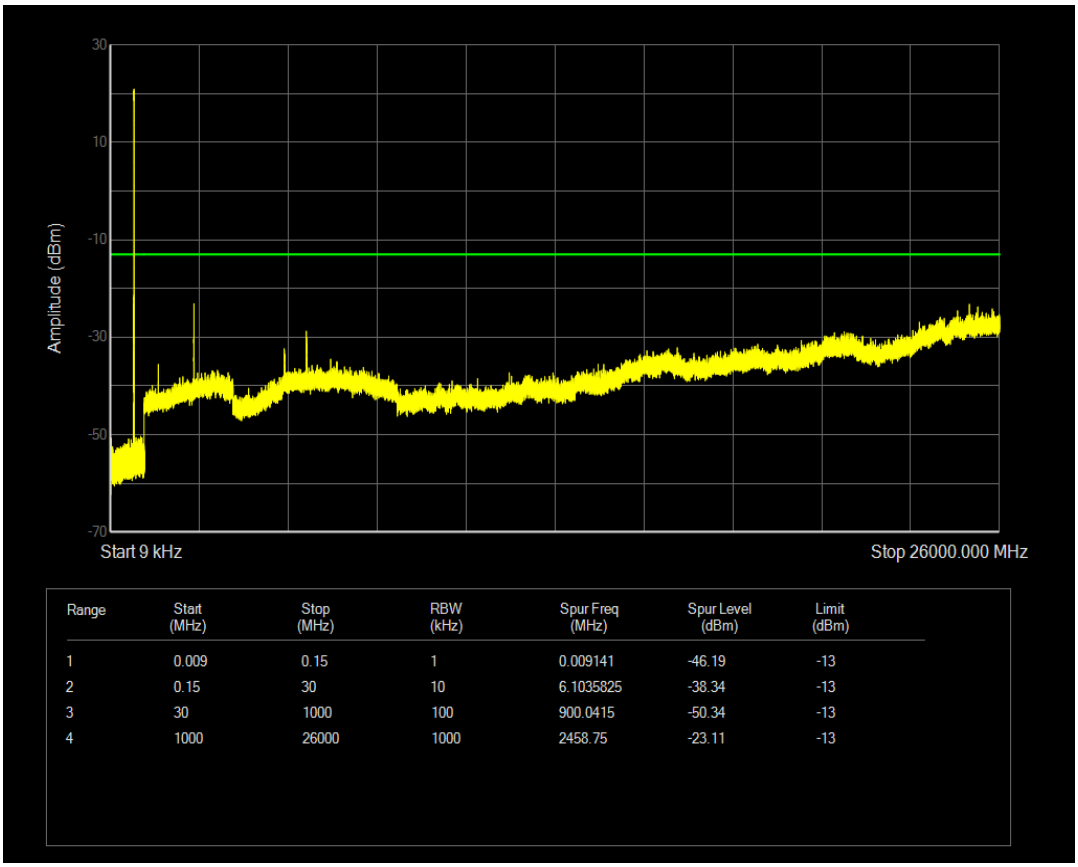
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.117383175	-46.74	-13
2	0.15	30	10	6.1035825	-38.61	-13
3	30	1000	100	690.44875	-45.84	-13
4	1000	26000	1000	25072.5	-23.97	-13

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



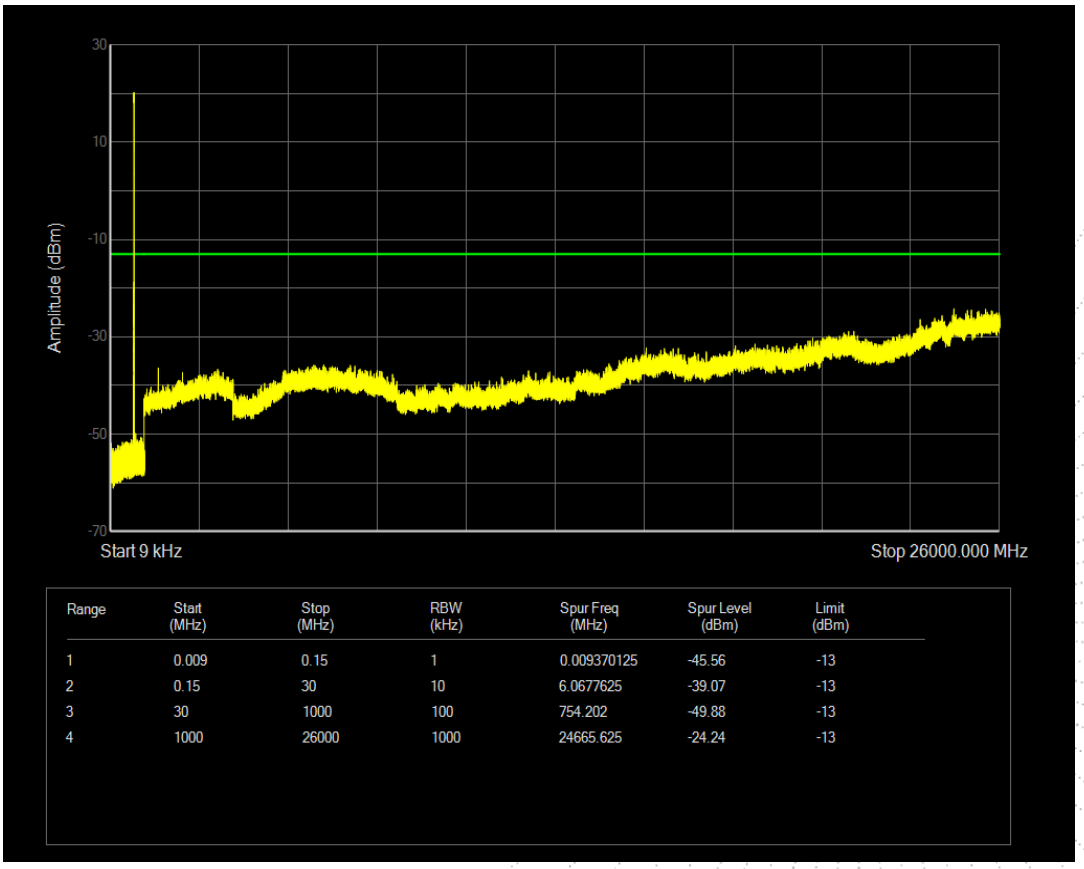
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.00944415	-45.93	-13
2	0.15	30	10	6.481185	-40.23	-13
3	30	1000	100	900.64775	-50.05	-13
4	1000	26000	1000	25673.75	-23.93	-13

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



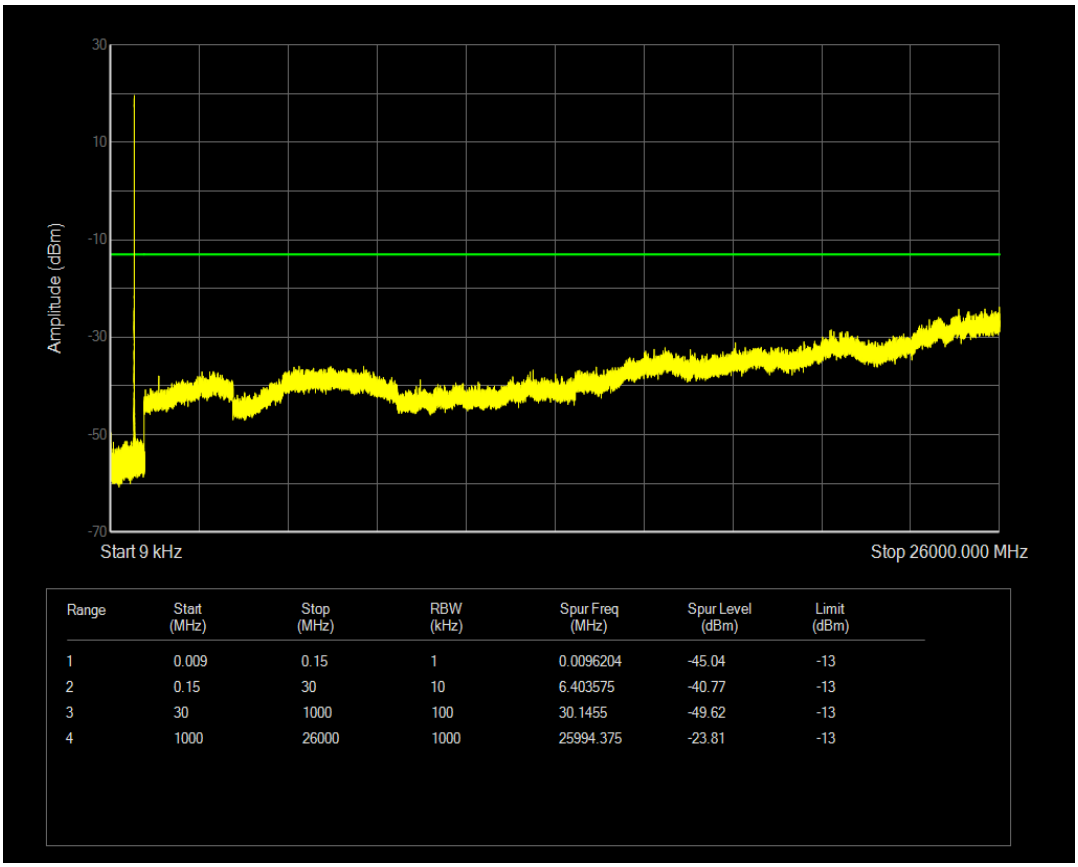
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009141	-46.19	-13
2	0.15	30	10	6.1035825	-38.34	-13
3	30	1000	100	900.0415	-50.34	-13
4	1000	26000	1000	2458.75	-23.11	-13

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



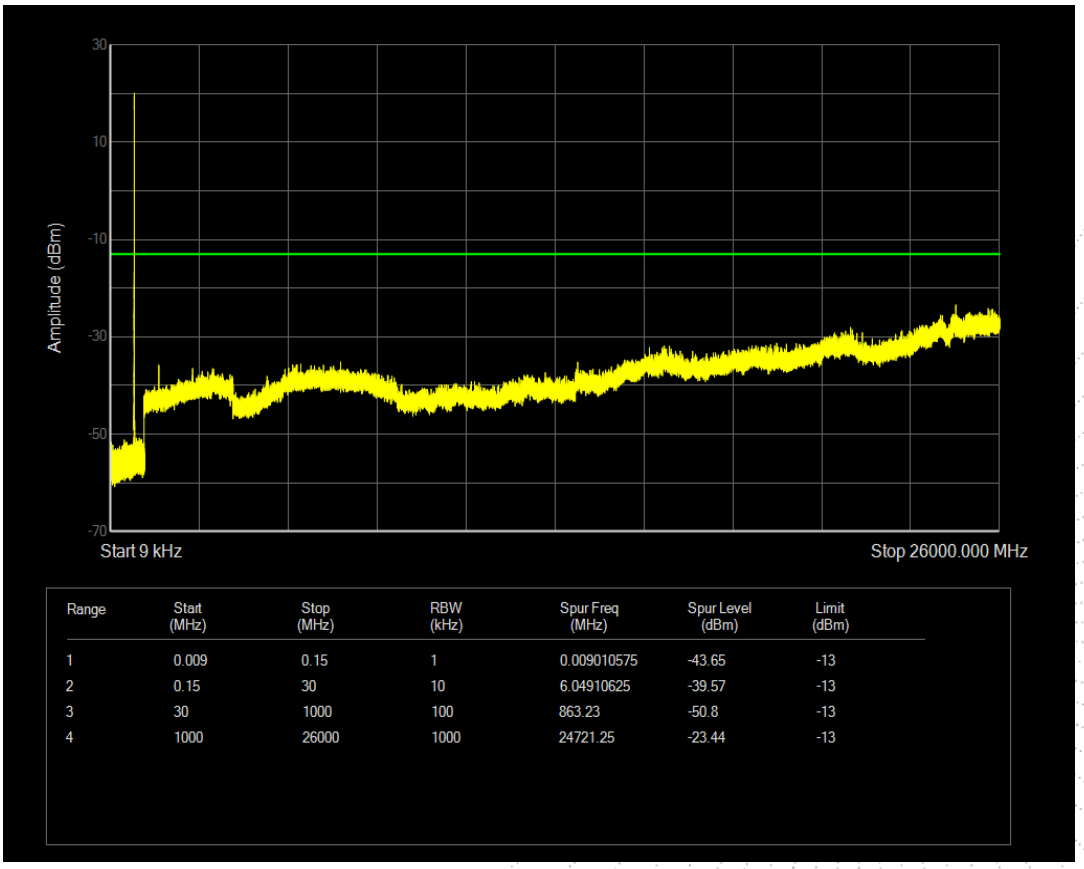
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009370125	-45.56	-13
2	0.15	30	10	6.0677625	-39.07	-13
3	30	1000	100	754.202	-49.88	-13
4	1000	26000	1000	24665.625	-24.24	-13

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



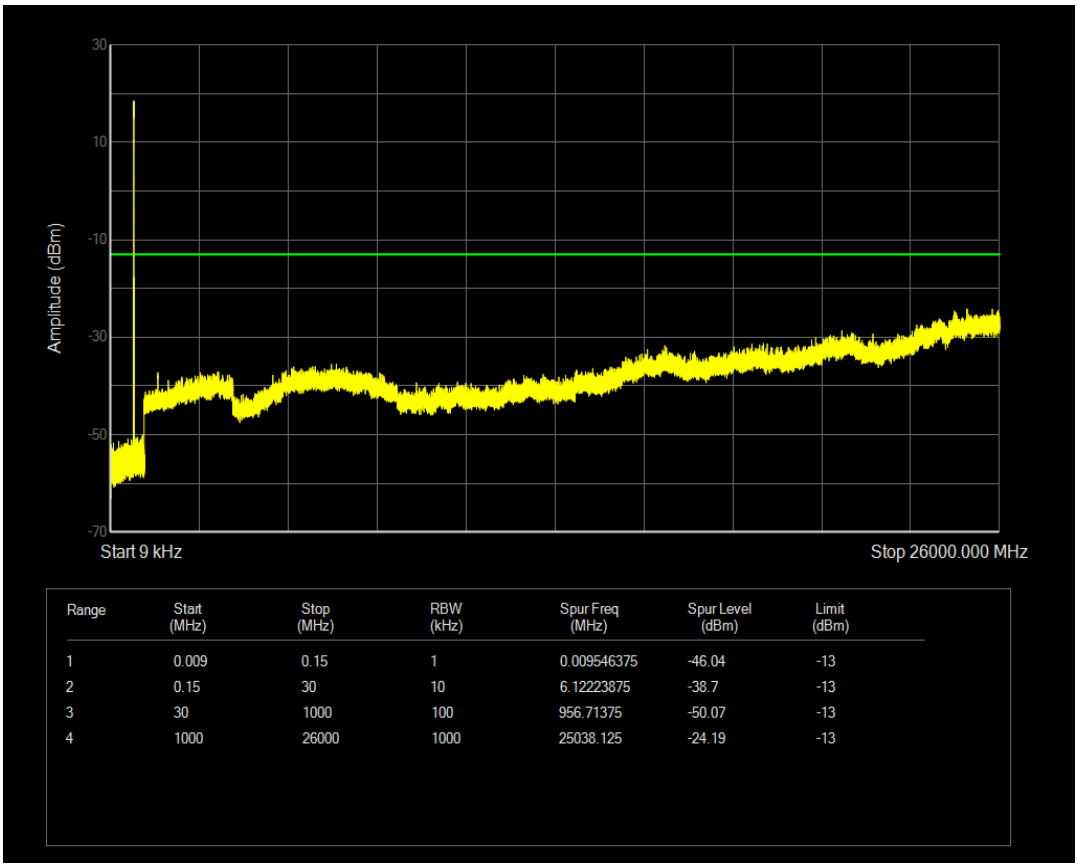
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0096204	-45.04	-13
2	0.15	30	10	6.403575	-40.77	-13
3	30	1000	100	30.1455	-49.62	-13
4	1000	26000	1000	25994.375	-23.81	-13

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



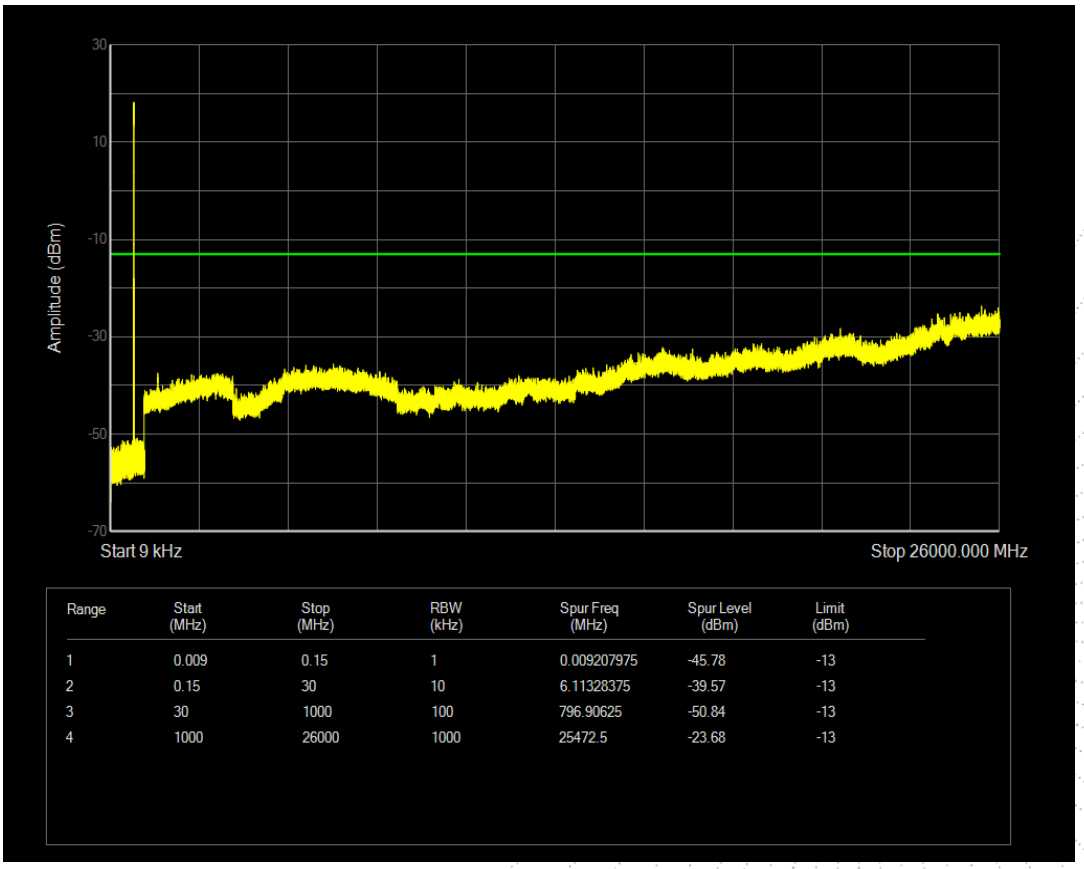
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009010575	-43.65	-13
2	0.15	30	10	6.04910625	-39.57	-13
3	30	1000	100	863.23	-50.8	-13
4	1000	26000	1000	24721.25	-23.44	-13

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



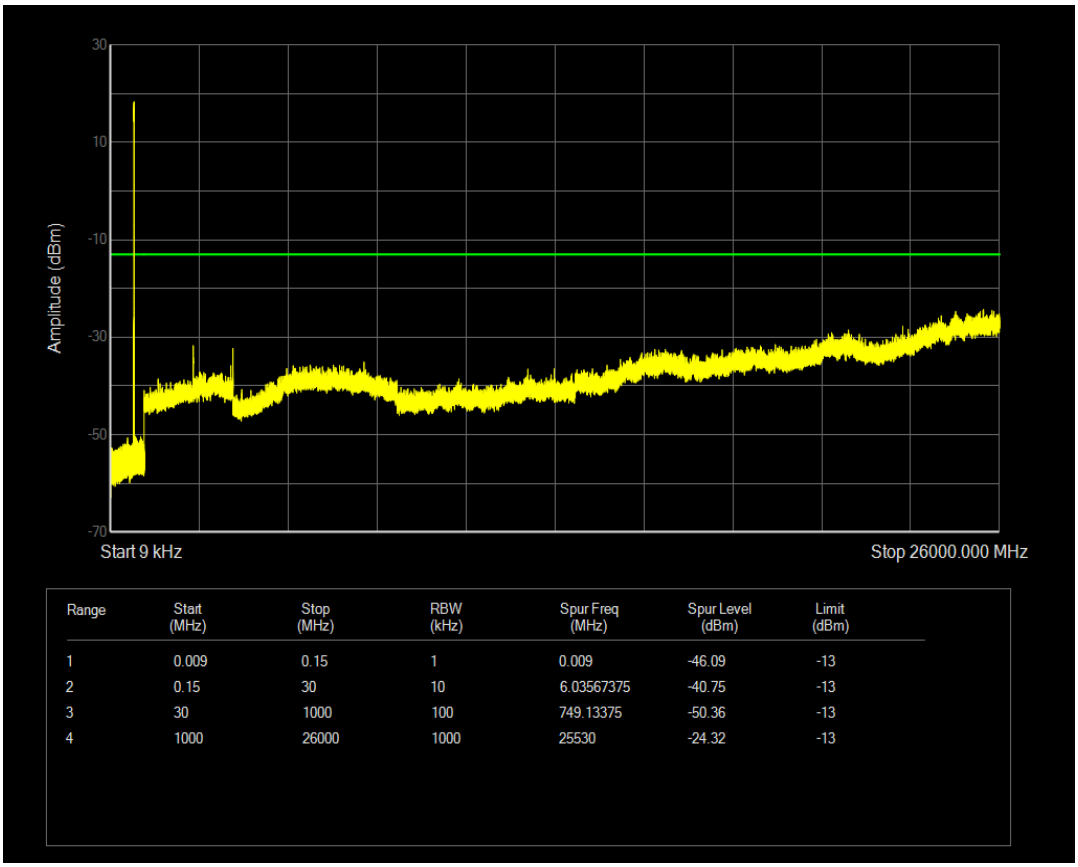
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009546375	-46.04	-13
2	0.15	30	10	6.12223875	-38.7	-13
3	30	1000	100	956.71375	-50.07	-13
4	1000	26000	1000	25038.125	-24.19	-13

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



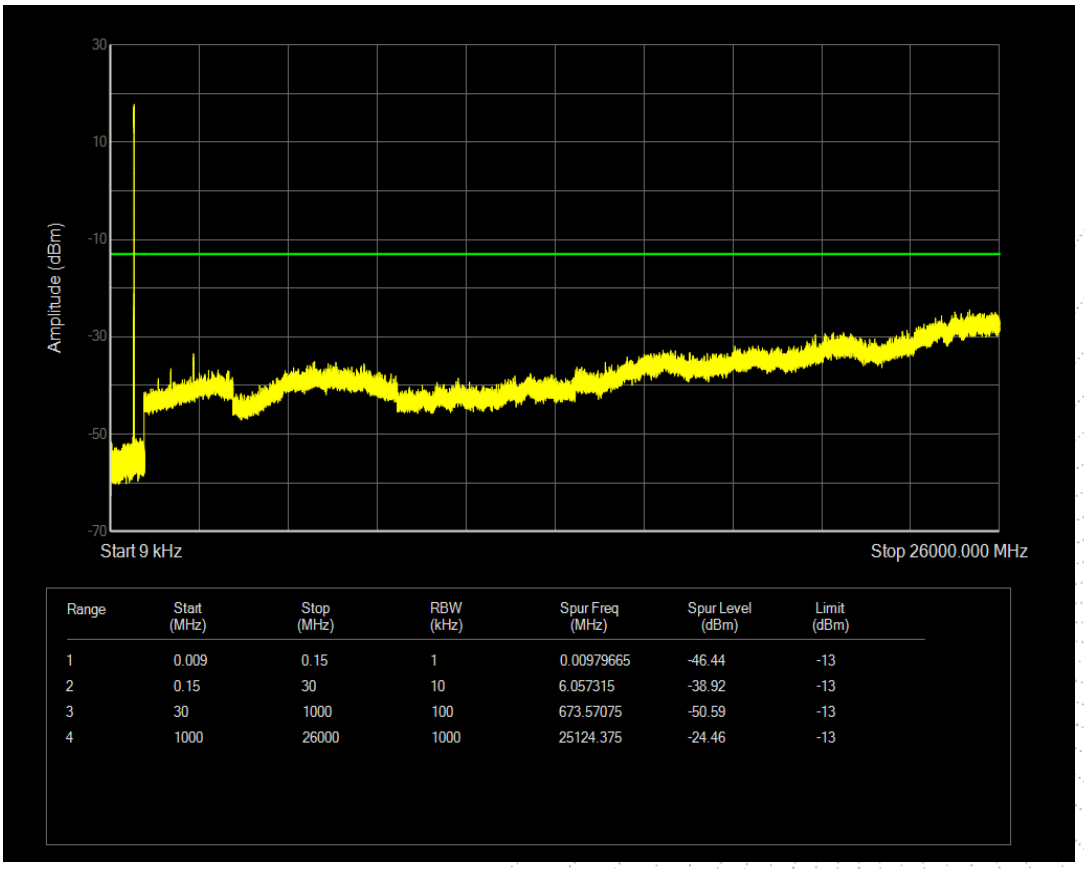
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009207975	-45.78	-13
2	0.15	30	10	6.11328375	-39.57	-13
3	30	1000	100	796.90625	-50.84	-13
4	1000	26000	1000	25472.5	-23.68	-13

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



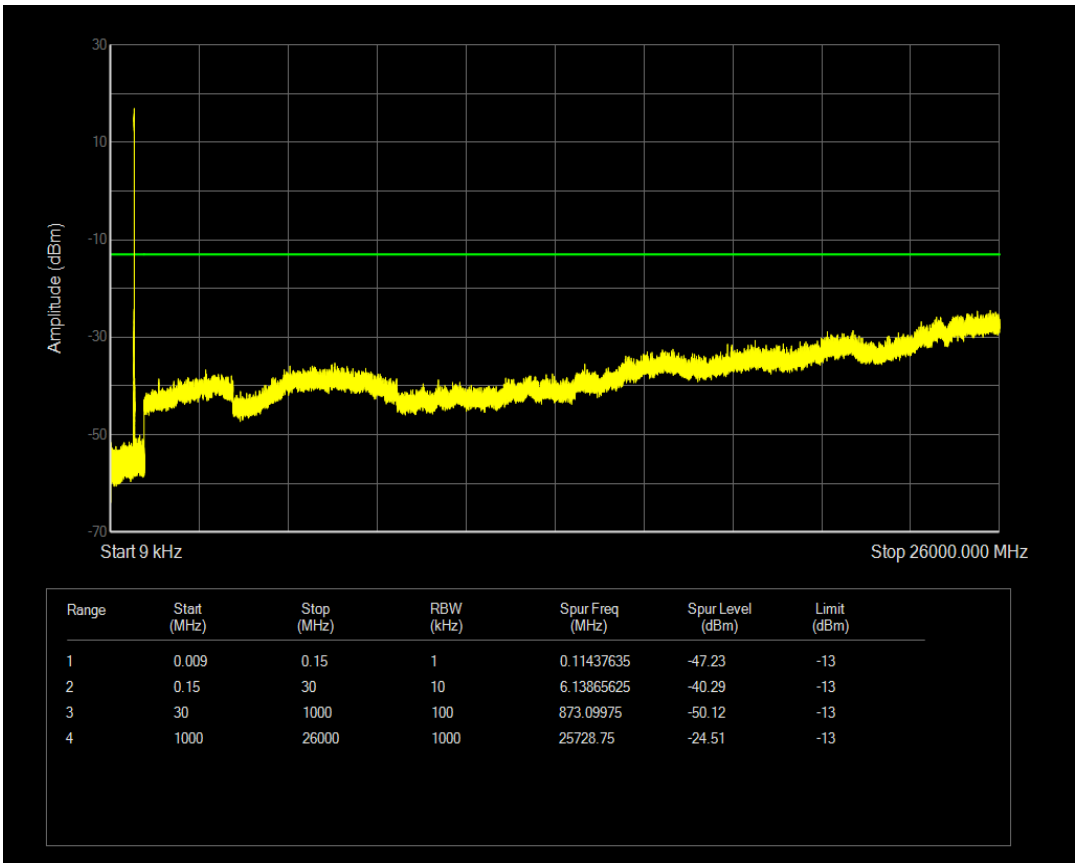
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-46.09	-13
2	0.15	30	10	6.03567375	-40.75	-13
3	30	1000	100	749.13375	-50.36	-13
4	1000	26000	1000	25530	-24.32	-13

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



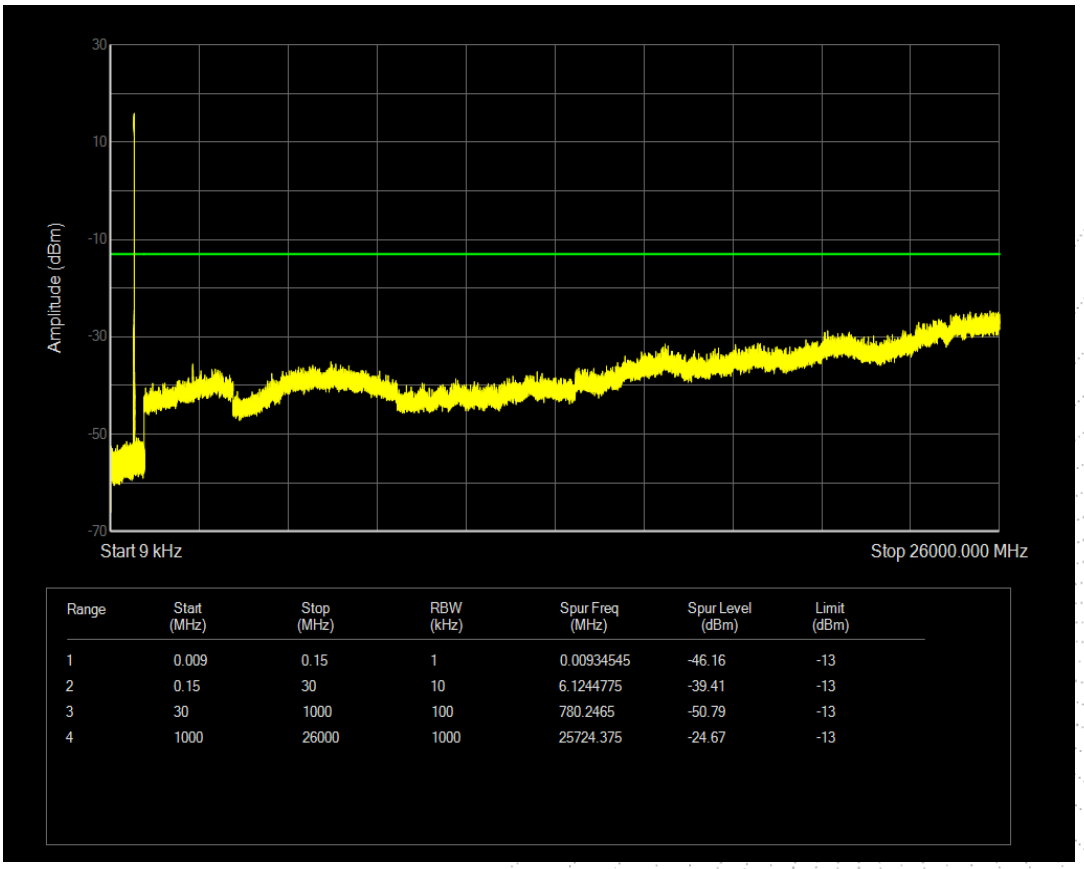
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.00979665	-46.44	-13
2	0.15	30	10	6.057315	-38.92	-13
3	30	1000	100	673.57075	-50.59	-13
4	1000	26000	1000	25124.375	-24.46	-13

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



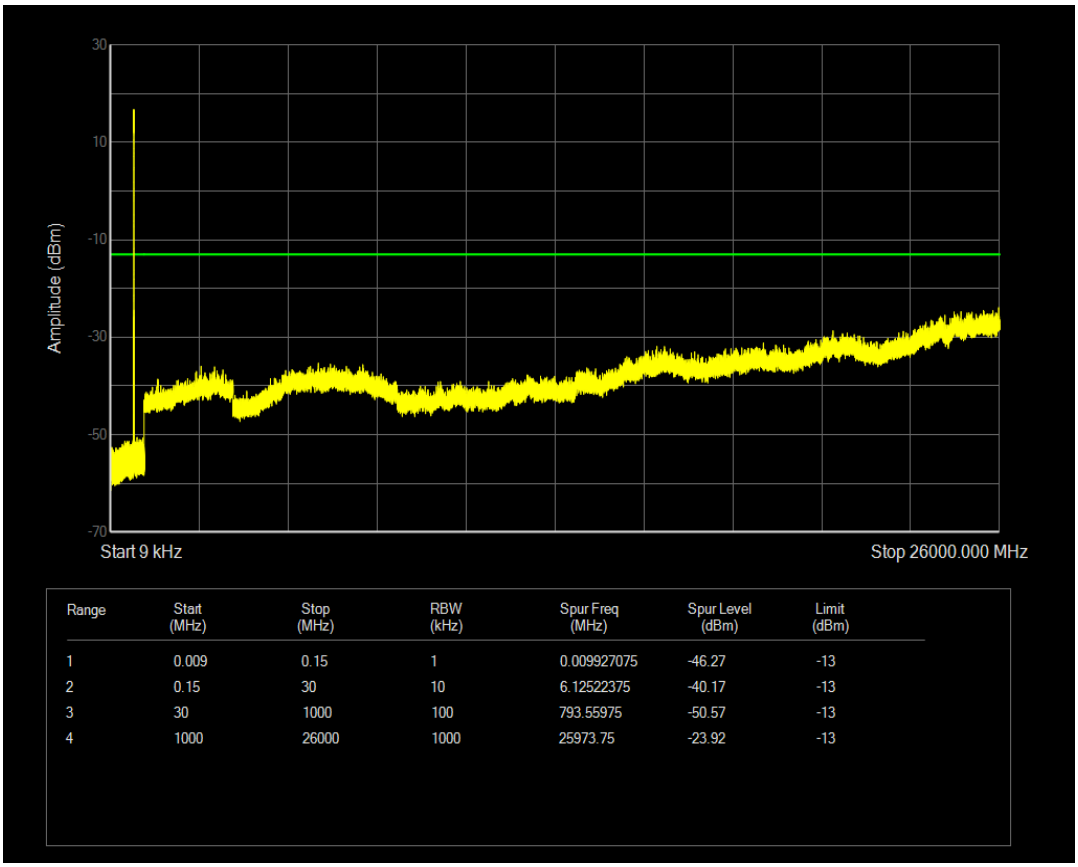
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.11437635	-47.23	-13
2	0.15	30	10	6.13865625	-40.29	-13
3	30	1000	100	873.09975	-50.12	-13
4	1000	26000	1000	25728.75	-24.51	-13

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



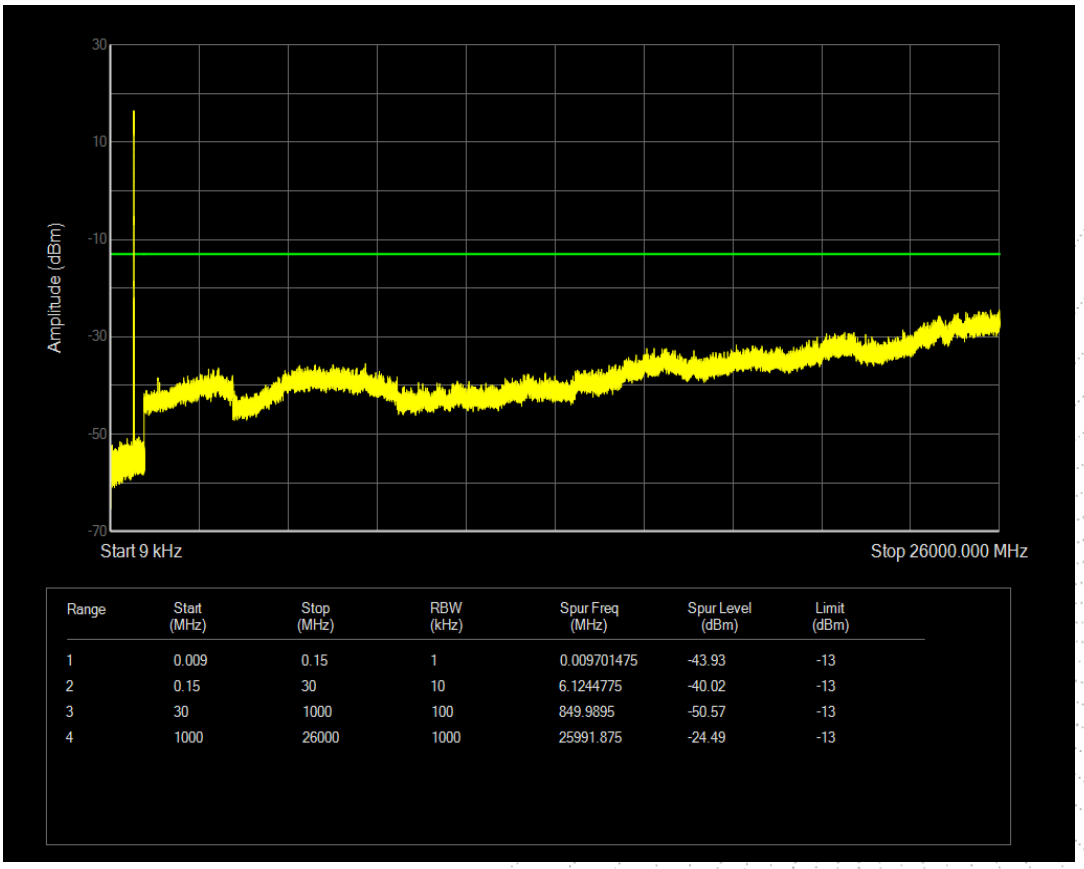
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.00934545	-46.16	-13
2	0.15	30	10	6.1244775	-39.41	-13
3	30	1000	100	780.2465	-50.79	-13
4	1000	26000	1000	25724.375	-24.67	-13

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



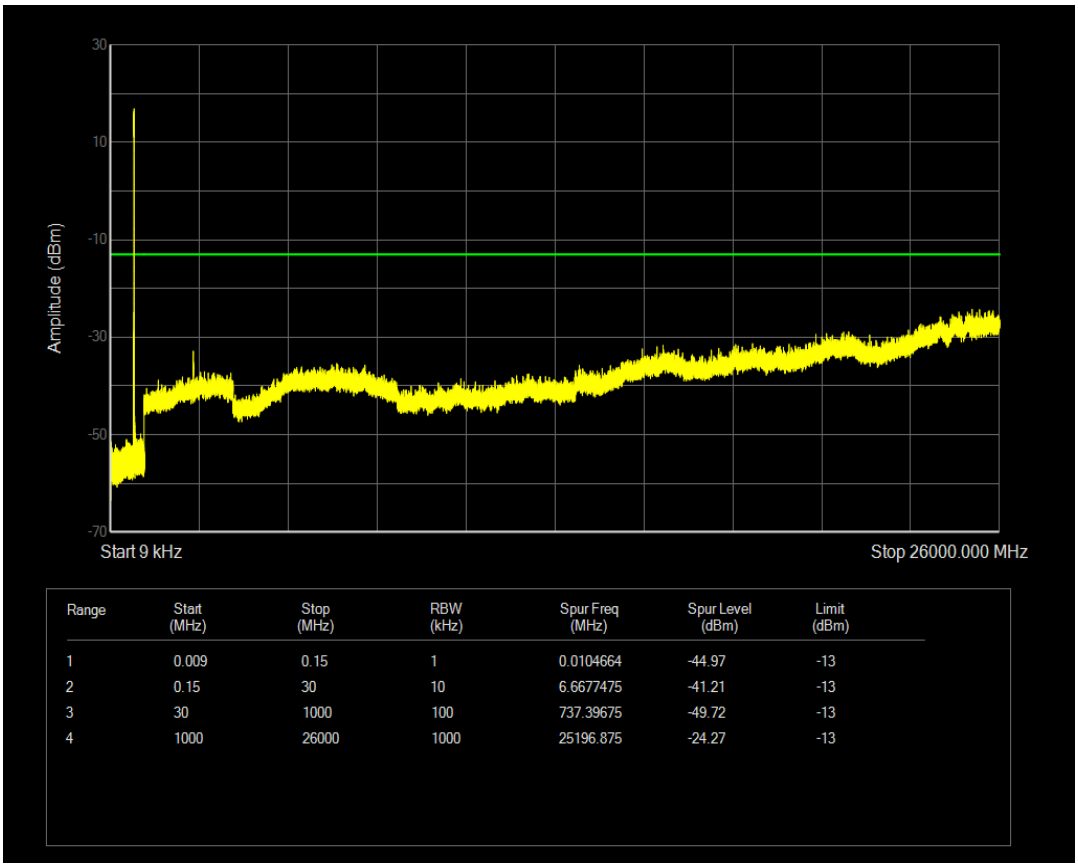
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009927075	-46.27	-13
2	0.15	30	10	6.12522375	-40.17	-13
3	30	1000	100	793.55975	-50.57	-13
4	1000	26000	1000	25973.75	-23.92	-13

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



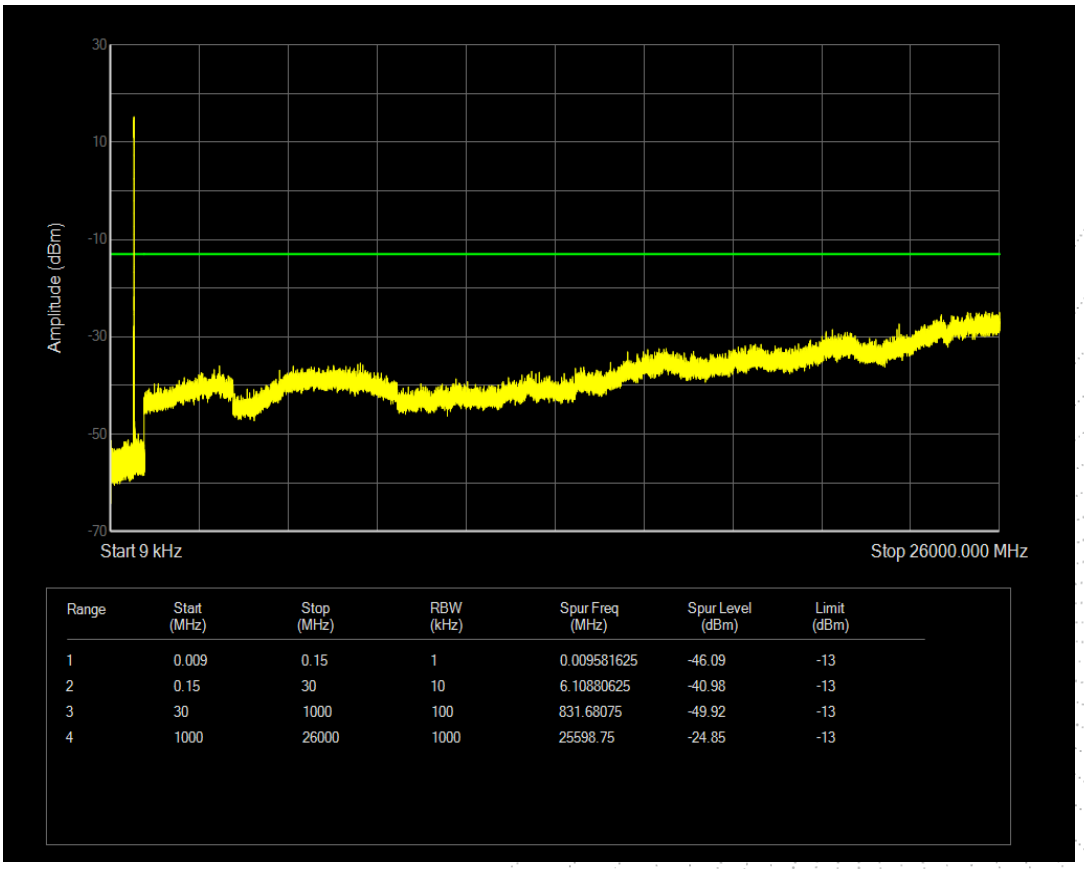
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009701475	-43.93	-13
2	0.15	30	10	6.1244775	-40.02	-13
3	30	1000	100	849.9895	-50.57	-13
4	1000	26000	1000	25991.875	-24.49	-13

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



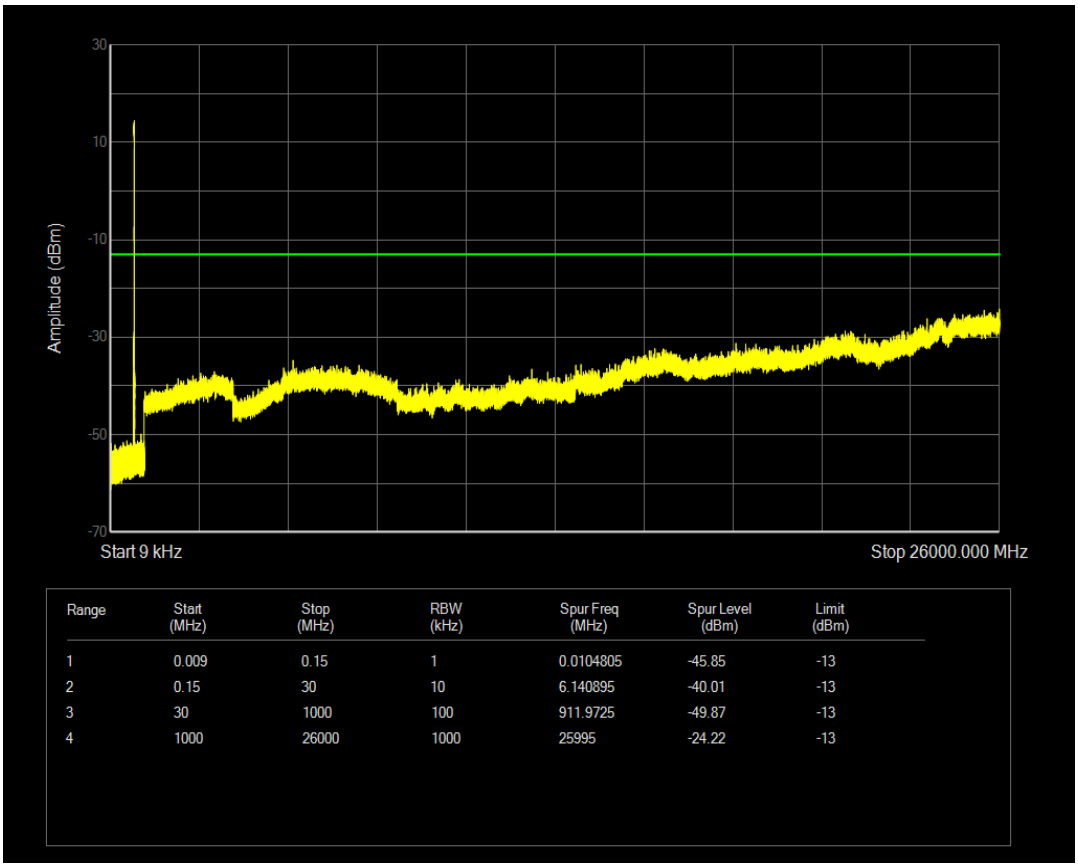
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0104664	-44.97	-13
2	0.15	30	10	6.6677475	-41.21	-13
3	30	1000	100	737.39675	-49.72	-13
4	1000	26000	1000	25196.875	-24.27	-13

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



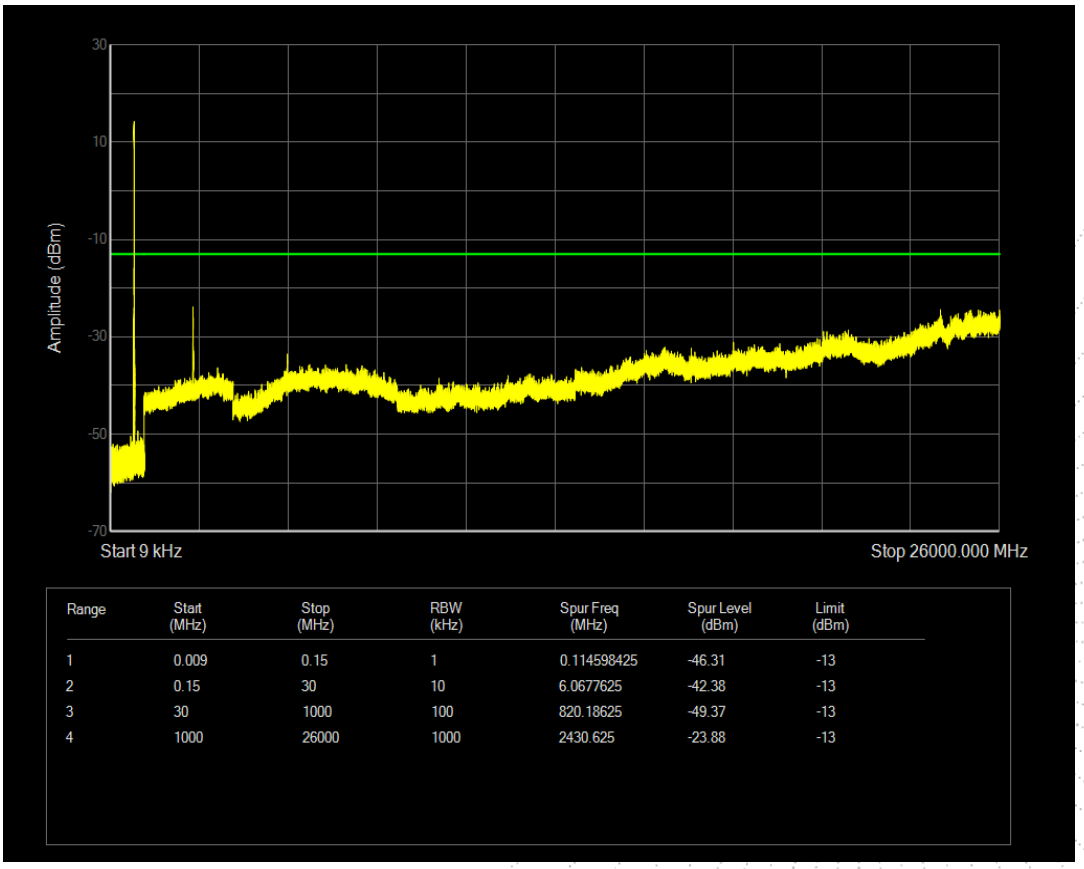
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009581625	-46.09	-13
2	0.15	30	10	6.10880625	-40.98	-13
3	30	1000	100	831.68075	-49.92	-13
4	1000	26000	1000	25598.75	-24.85	-13

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



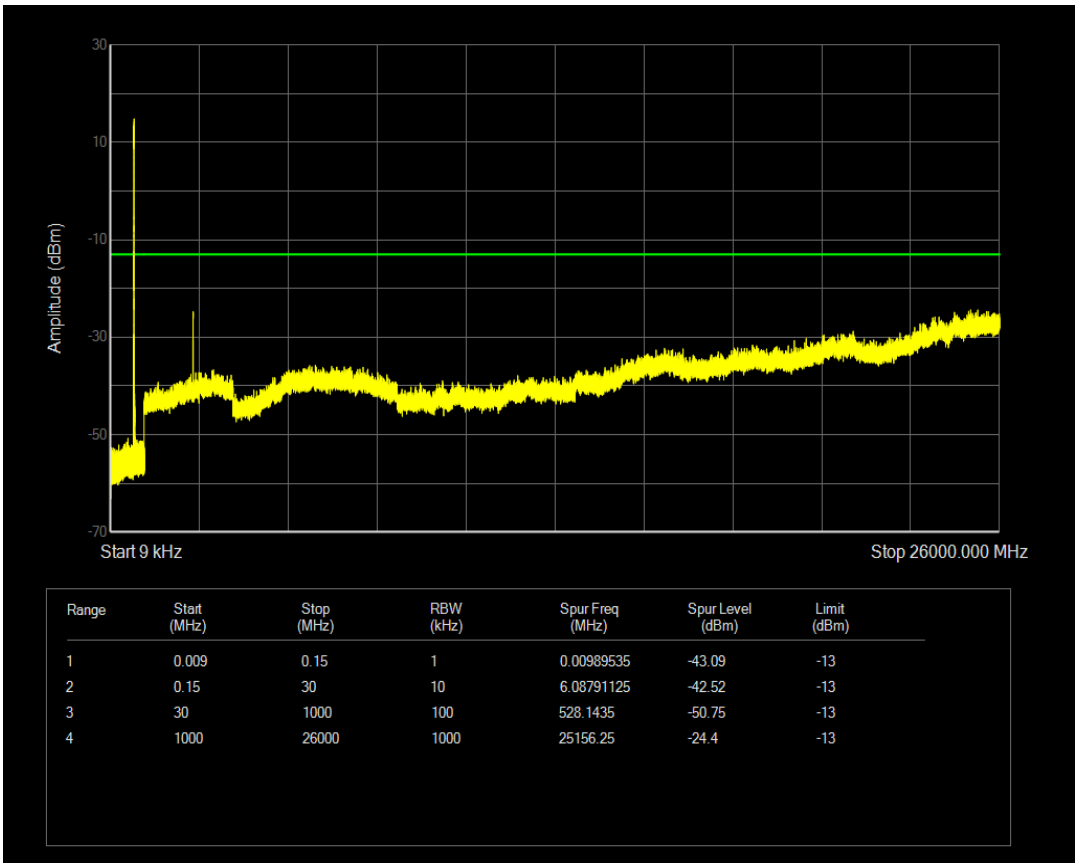
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0104805	-45.85	-13
2	0.15	30	10	6.140895	-40.01	-13
3	30	1000	100	911.9725	-49.87	-13
4	1000	26000	1000	25995	-24.22	-13

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



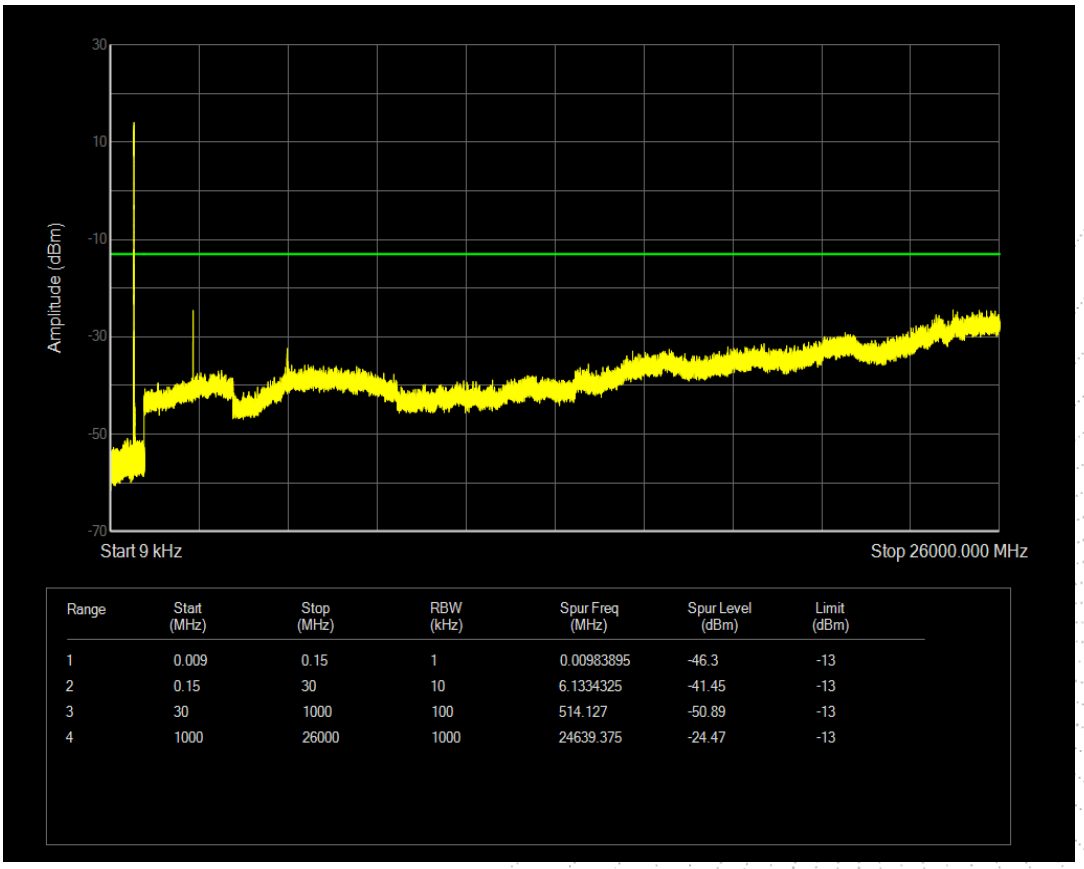
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.114598425	-46.31	-13
2	0.15	30	10	6.0677625	-42.38	-13
3	30	1000	100	820.18625	-49.37	-13
4	1000	26000	1000	2430.625	-23.88	-13

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



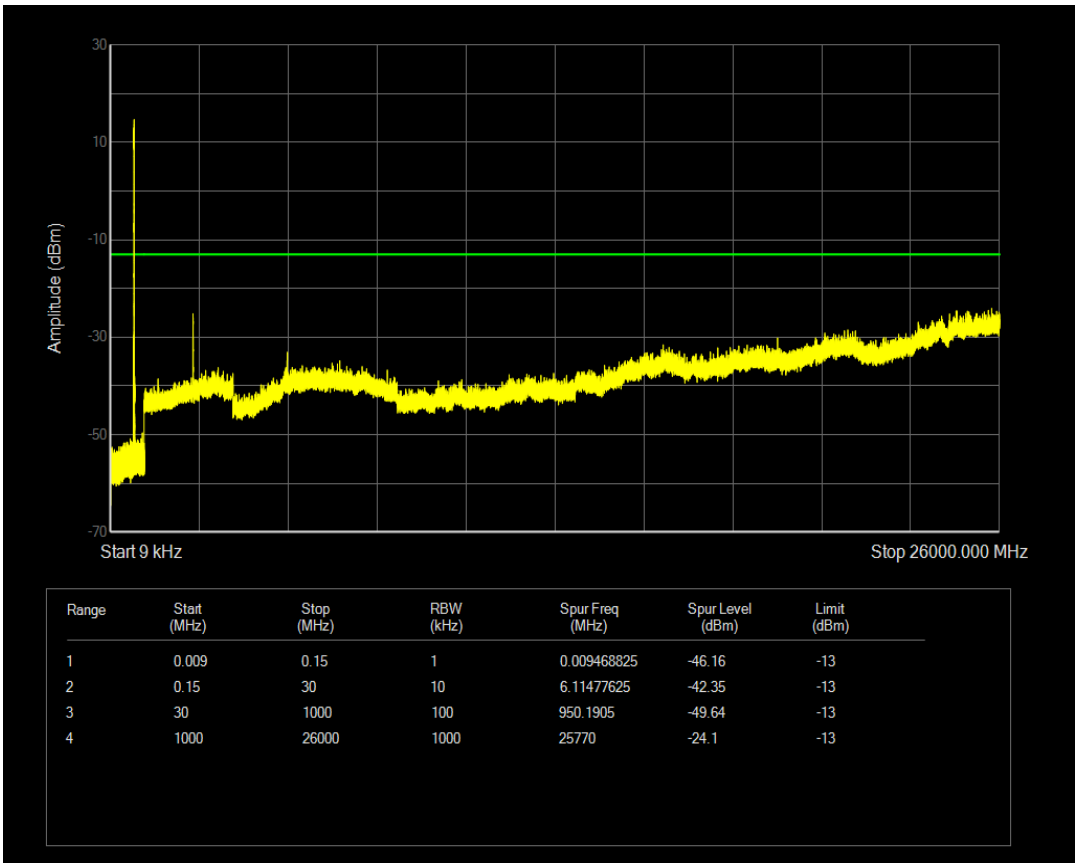
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.00989535	-43.09	-13
2	0.15	30	10	6.08791125	-42.52	-13
3	30	1000	100	528.1435	-50.75	-13
4	1000	26000	1000	25156.25	-24.4	-13

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



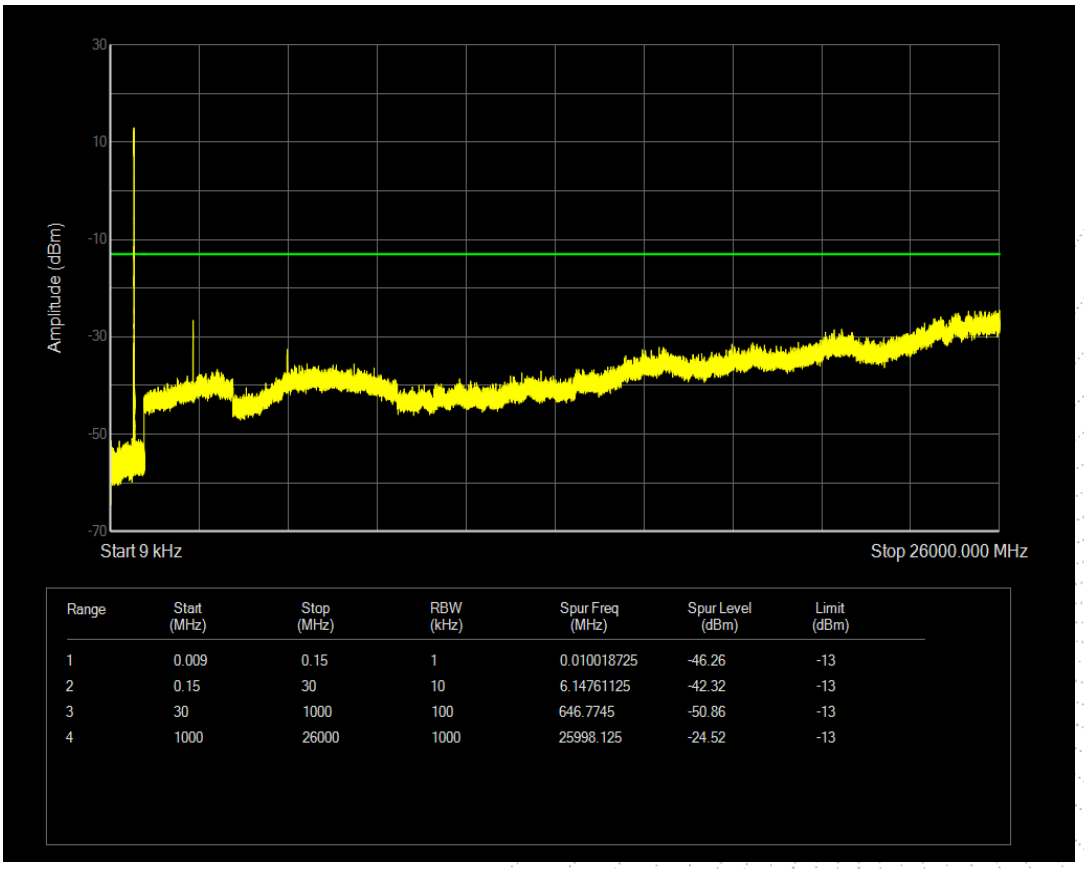
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.00983895	-46.3	-13
2	0.15	30	10	6.1334325	-41.45	-13
3	30	1000	100	514.127	-50.89	-13
4	1000	26000	1000	24639.375	-24.47	-13

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



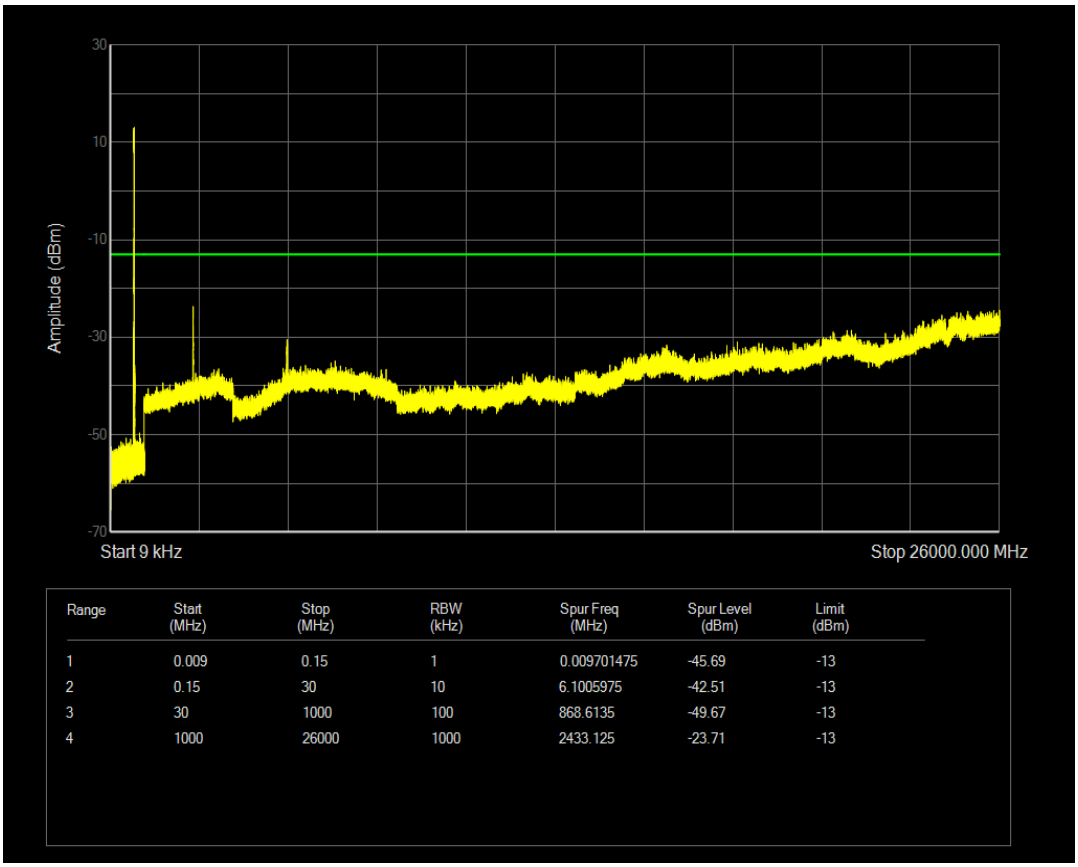
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009468825	-46.16	-13
2	0.15	30	10	6.11477625	-42.35	-13
3	30	1000	100	950.1905	-49.64	-13
4	1000	26000	1000	25770	-24.1	-13

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



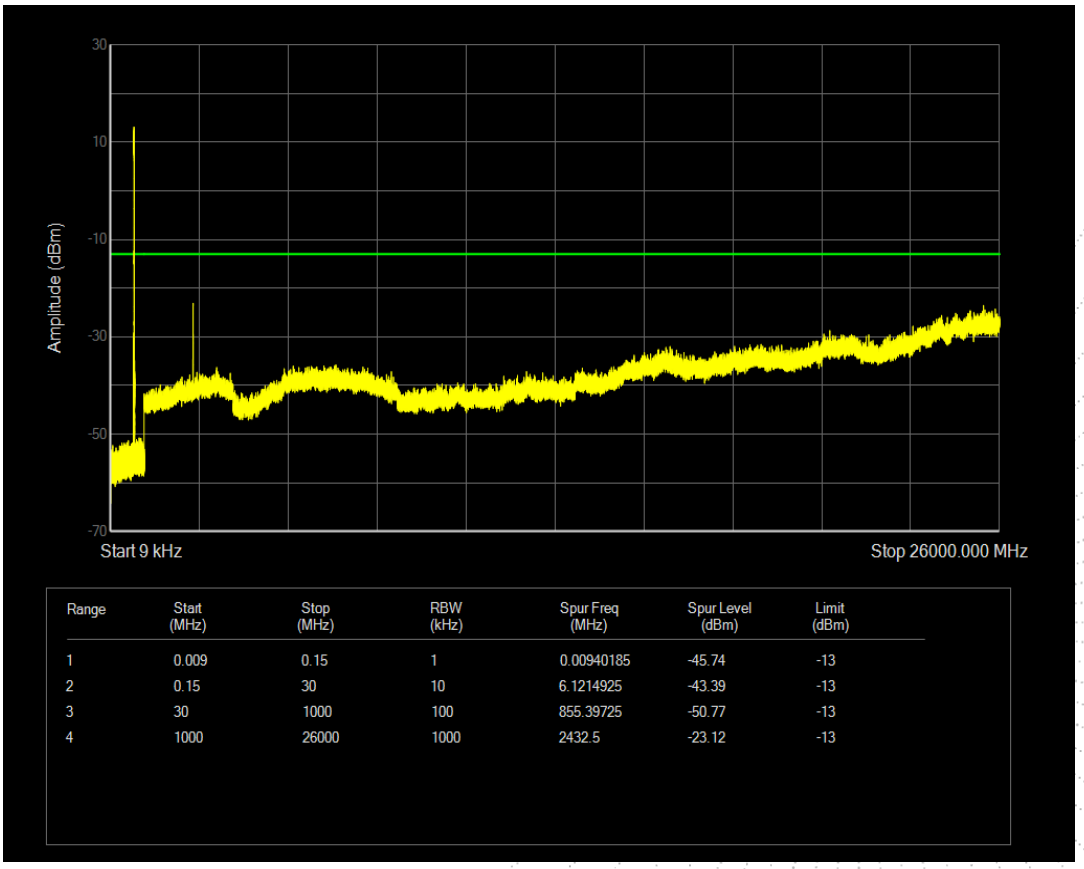
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.010018725	-46.26	-13
2	0.15	30	10	6.14761125	-42.32	-13
3	30	1000	100	646.7745	-50.86	-13
4	1000	26000	1000	25998.125	-24.52	-13

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



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009701475	-45.69	-13
2	0.15	30	10	6.1005975	-42.51	-13
3	30	1000	100	868.6135	-49.67	-13
4	1000	26000	1000	2433.125	-23.71	-13

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



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.00940185	-45.74	-13
2	0.15	30	10	6.1214925	-43.39	-13
3	30	1000	100	855.39725	-50.77	-13
4	1000	26000	1000	2432.5	-23.12	-13