

Appendix 1. Conducted output power

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Verdict
Band12	1.4	23017	1	#0	QPSK	23.22	PASS
Band12	1.4	23017	1	#Mid	QPSK	23.26	PASS
Band12	1.4	23017	1	#Max	QPSK	23.22	PASS
Band12	1.4	23017	3	#0	QPSK	23.28	PASS
Band12	1.4	23017	3	#Mid	QPSK	23.38	PASS
Band12	1.4	23017	3	#Max	QPSK	23.41	PASS
Band12	1.4	23017	6	#0	QPSK	22.44	PASS
Band12	1.4	23017	1	#0	16QAM	22.18	PASS
Band12	1.4	23017	1	#Mid	16QAM	22.41	PASS
Band12	1.4	23017	1	#Max	16QAM	22.32	PASS
Band12	1.4	23017	3	#0	16QAM	22.41	PASS
Band12	1.4	23017	3	#Mid	16QAM	22.54	PASS
Band12	1.4	23017	3	#Max	16QAM	22.37	PASS
Band12	1.4	23017	6	#0	16QAM	21.32	PASS
Band12	1.4	23095	1	#0	QPSK	23.40	PASS
Band12	1.4	23095	1	#Mid	QPSK	23.49	PASS
Band12	1.4	23095	1	#Max	QPSK	23.47	PASS
Band12	1.4	23095	3	#0	QPSK	23.36	PASS
Band12	1.4	23095	3	#Mid	QPSK	23.39	PASS
Band12	1.4	23095	3	#Max	QPSK	23.37	PASS
Band12	1.4	23095	6	#0	QPSK	22.41	PASS
Band12	1.4	23095	1	#0	16QAM	22.41	PASS
Band12	1.4	23095	1	#Mid	16QAM	22.57	PASS
Band12	1.4	23095	1	#Max	16QAM	22.42	PASS
Band12	1.4	23095	3	#0	16QAM	22.57	PASS
Band12	1.4	23095	3	#Mid	16QAM	22.51	PASS
Band12	1.4	23095	3	#Max	16QAM	22.56	PASS
Band12	1.4	23095	6	#0	16QAM	21.48	PASS
Band12	1.4	23173	1	#0	QPSK	23.35	PASS
Band12	1.4	23173	1	#Mid	QPSK	23.48	PASS
Band12	1.4	23173	1	#Max	QPSK	23.56	PASS
Band12	1.4	23173	3	#0	QPSK	23.25	PASS
Band12	1.4	23173	3	#Mid	QPSK	23.29	PASS
Band12	1.4	23173	3	#Max	QPSK	23.36	PASS
Band12	1.4	23173	6	#0	QPSK	22.40	PASS
Band12	1.4	23173	1	#0	16QAM	22.37	PASS
Band12	1.4	23173	1	#Mid	16QAM	22.40	PASS
Band12	1.4	23173	1	#Max	16QAM	22.18	PASS
Band12	1.4	23173	3	#0	16QAM	22.54	PASS
Band12	1.4	23173	3	#Mid	16QAM	22.46	PASS

Band12	1.4	23173	3	#Max	16QAM	22.46	PASS
Band12	1.4	23173	6	#0	16QAM	21.38	PASS
Band12	3	23025	1	#0	QPSK	23.44	PASS
Band12	3	23025	1	#Mid	QPSK	23.57	PASS
Band12	3	23025	1	#Max	QPSK	23.28	PASS
Band12	3	23025	8	#0	QPSK	22.49	PASS
Band12	3	23025	8	#Mid	QPSK	22.45	PASS
Band12	3	23025	8	#Max	QPSK	22.34	PASS
Band12	3	23025	15	#0	QPSK	22.43	PASS
Band12	3	23025	1	#0	16QAM	22.39	PASS
Band12	3	23025	1	#Mid	16QAM	22.57	PASS
Band12	3	23025	1	#Max	16QAM	22.33	PASS
Band12	3	23025	8	#0	16QAM	21.37	PASS
Band12	3	23025	8	#Mid	16QAM	21.48	PASS
Band12	3	23025	8	#Max	16QAM	21.42	PASS
Band12	3	23025	15	#0	16QAM	21.42	PASS
Band12	3	23095	1	#0	QPSK	23.29	PASS
Band12	3	23095	1	#Mid	QPSK	23.64	PASS
Band12	3	23095	1	#Max	QPSK	23.37	PASS
Band12	3	23095	8	#0	QPSK	22.48	PASS
Band12	3	23095	8	#Mid	QPSK	22.45	PASS
Band12	3	23095	8	#Max	QPSK	22.45	PASS
Band12	3	23095	15	#0	QPSK	22.43	PASS
Band12	3	23095	1	#0	16QAM	22.29	PASS
Band12	3	23095	1	#Mid	16QAM	22.61	PASS
Band12	3	23095	1	#Max	16QAM	22.32	PASS
Band12	3	23095	8	#0	16QAM	21.57	PASS
Band12	3	23095	8	#Mid	16QAM	21.54	PASS
Band12	3	23095	8	#Max	16QAM	21.57	PASS
Band12	3	23095	15	#0	16QAM	21.51	PASS
Band12	3	23165	1	#0	QPSK	23.29	PASS
Band12	3	23165	1	#Mid	QPSK	23.46	PASS
Band12	3	23165	1	#Max	QPSK	23.56	PASS
Band12	3	23165	8	#0	QPSK	22.42	PASS
Band12	3	23165	8	#Mid	QPSK	22.42	PASS
Band12	3	23165	8	#Max	QPSK	22.40	PASS
Band12	3	23165	15	#0	QPSK	22.42	PASS
Band12	3	23165	1	#0	16QAM	22.29	PASS
Band12	3	23165	1	#Mid	16QAM	22.46	PASS
Band12	3	23165	1	#Max	16QAM	22.43	PASS
Band12	3	23165	8	#0	16QAM	21.42	PASS
Band12	3	23165	8	#Mid	16QAM	21.37	PASS
Band12	3	23165	8	#Max	16QAM	21.45	PASS
Band12	3	23165	15	#0	16QAM	21.42	PASS

Band12	5	23035	1	#0	QPSK	23.31	PASS
Band12	5	23035	1	#Mid	QPSK	23.54	PASS
Band12	5	23035	1	#Max	QPSK	23.32	PASS
Band12	5	23035	12	#0	QPSK	22.45	PASS
Band12	5	23035	12	#Mid	QPSK	22.38	PASS
Band12	5	23035	12	#Max	QPSK	22.30	PASS
Band12	5	23035	25	#0	QPSK	22.38	PASS
Band12	5	23035	1	#0	16QAM	22.06	PASS
Band12	5	23035	1	#Mid	16QAM	22.30	PASS
Band12	5	23035	1	#Max	16QAM	22.28	PASS
Band12	5	23035	12	#0	16QAM	21.33	PASS
Band12	5	23035	12	#Mid	16QAM	21.35	PASS
Band12	5	23035	12	#Max	16QAM	21.26	PASS
Band12	5	23035	25	#0	16QAM	21.35	PASS
Band12	5	23095	1	#0	QPSK	23.22	PASS
Band12	5	23095	1	#Mid	QPSK	23.51	PASS
Band12	5	23095	1	#Max	QPSK	23.33	PASS
Band12	5	23095	12	#0	QPSK	22.37	PASS
Band12	5	23095	12	#Mid	QPSK	22.51	PASS
Band12	5	23095	12	#Max	QPSK	22.44	PASS
Band12	5	23095	25	#0	QPSK	22.45	PASS
Band12	5	23095	1	#0	16QAM	22.08	PASS
Band12	5	23095	1	#Mid	16QAM	22.43	PASS
Band12	5	23095	1	#Max	16QAM	22.16	PASS
Band12	5	23095	12	#0	16QAM	21.35	PASS
Band12	5	23095	12	#Mid	16QAM	21.33	PASS
Band12	5	23095	12	#Max	16QAM	21.29	PASS
Band12	5	23095	25	#0	16QAM	21.43	PASS
Band12	5	23155	1	#0	QPSK	23.16	PASS
Band12	5	23155	1	#Mid	QPSK	23.33	PASS
Band12	5	23155	1	#Max	QPSK	23.15	PASS
Band12	5	23155	12	#0	QPSK	22.32	PASS
Band12	5	23155	12	#Mid	QPSK	22.26	PASS
Band12	5	23155	12	#Max	QPSK	22.22	PASS
Band12	5	23155	25	#0	QPSK	22.24	PASS
Band12	5	23155	1	#0	16QAM	22.25	PASS
Band12	5	23155	1	#Mid	16QAM	22.26	PASS
Band12	5	23155	1	#Max	16QAM	22.06	PASS
Band12	5	23155	12	#0	16QAM	21.23	PASS
Band12	5	23155	12	#Mid	16QAM	21.29	PASS
Band12	5	23155	12	#Max	16QAM	21.22	PASS
Band12	5	23155	25	#0	16QAM	21.28	PASS
Band12	10	23060	1	#0	QPSK	23.45	PASS
Band12	10	23060	1	#Mid	QPSK	23.39	PASS

Band12	10	23060	1	#Max	QPSK	23.36	PASS
Band12	10	23060	25	#0	QPSK	22.31	PASS
Band12	10	23060	25	#Mid	QPSK	22.38	PASS
Band12	10	23060	25	#Max	QPSK	22.35	PASS
Band12	10	23060	50	#0	QPSK	22.26	PASS
Band12	10	23060	1	#0	16QAM	22.10	PASS
Band12	10	23060	1	#Mid	16QAM	22.42	PASS
Band12	10	23060	1	#Max	16QAM	22.20	PASS
Band12	10	23060	25	#0	16QAM	21.28	PASS
Band12	10	23060	25	#Mid	16QAM	21.43	PASS
Band12	10	23060	25	#Max	16QAM	21.44	PASS
Band12	10	23060	50	#0	16QAM	21.30	PASS
Band12	10	23095	1	#0	QPSK	23.14	PASS
Band12	10	23095	1	#Mid	QPSK	23.34	PASS
Band12	10	23095	1	#Max	QPSK	23.15	PASS
Band12	10	23095	25	#0	QPSK	22.29	PASS
Band12	10	23095	25	#Mid	QPSK	22.44	PASS
Band12	10	23095	25	#Max	QPSK	22.30	PASS
Band12	10	23095	50	#0	QPSK	22.34	PASS
Band12	10	23095	1	#0	16QAM	22.15	PASS
Band12	10	23095	1	#Mid	16QAM	22.39	PASS
Band12	10	23095	1	#Max	16QAM	22.06	PASS
Band12	10	23095	25	#0	16QAM	21.35	PASS
Band12	10	23095	25	#Mid	16QAM	21.44	PASS
Band12	10	23095	25	#Max	16QAM	21.41	PASS
Band12	10	23095	50	#0	16QAM	21.40	PASS
Band12	10	23130	1	#0	QPSK	23.36	PASS
Band12	10	23130	1	#Mid	QPSK	23.49	PASS
Band12	10	23130	1	#Max	QPSK	23.23	PASS
Band12	10	23130	25	#0	QPSK	22.42	PASS
Band12	10	23130	25	#Mid	QPSK	22.46	PASS
Band12	10	23130	25	#Max	QPSK	22.26	PASS
Band12	10	23130	50	#0	QPSK	22.26	PASS
Band12	10	23130	1	#0	16QAM	22.34	PASS
Band12	10	23130	1	#Mid	16QAM	22.57	PASS
Band12	10	23130	1	#Max	16QAM	22.17	PASS
Band12	10	23130	25	#0	16QAM	21.42	PASS
Band12	10	23130	25	#Mid	16QAM	21.43	PASS
Band12	10	23130	25	#Max	16QAM	21.33	PASS
Band12	10	23130	50	#0	16QAM	21.40	PASS

Appendix 2. Frequency stability

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Voltage (Vdc)	Temperature (C)	Result (Hz)	Result (ppm)	Low Limit (ppm)	high Limit (ppm)	Verdict
Band 12	1.4	23017	6	#0	QPSK	LV	NT	-0.72	-0.001	-2.5	2.5	PASS
Band 12	1.4	23017	6	#0	QPSK	NV	NT	0.43	0.001	-2.5	2.5	PASS
Band 12	1.4	23017	6	#0	QPSK	HV	NT	-0.97	-0.001	-2.5	2.5	PASS
Band 12	1.4	23017	6	#0	16QAM	LV	NT	-0.92	-0.001	-2.5	2.5	PASS
Band 12	1.4	23017	6	#0	16QAM	NV	NT	-0.44	-0.001	-2.5	2.5	PASS
Band 12	1.4	23017	6	#0	16QAM	HV	NT	-0.34	0.000	-2.5	2.5	PASS
Band 12	1.4	23095	6	#0	QPSK	LV	NT	-1.67	-0.002	-2.5	2.5	PASS
Band 12	1.4	23095	6	#0	QPSK	NV	NT	0.04	0.000	-2.5	2.5	PASS
Band 12	1.4	23095	6	#0	QPSK	HV	NT	-1.42	-0.002	-2.5	2.5	PASS
Band 12	1.4	23095	6	#0	16QAM	LV	NT	-1.63	-0.002	-2.5	2.5	PASS
Band 12	1.4	23095	6	#0	16QAM	NV	NT	-0.51	-0.001	-2.5	2.5	PASS
Band 12	1.4	23095	6	#0	16QAM	HV	NT	-0.63	-0.001	-2.5	2.5	PASS
Band 12	1.4	23173	6	#0	QPSK	LV	NT	-0.69	-0.001	-2.5	2.5	PASS
Band 12	1.4	23173	6	#0	QPSK	NV	NT	-1.46	-0.002	-2.5	2.5	PASS
Band 12	1.4	23173	6	#0	QPSK	HV	NT	-1.20	-0.002	-2.5	2.5	PASS
Band 12	1.4	23173	6	#0	16QAM	LV	NT	-0.06	0.000	-2.5	2.5	PASS
Band 12	1.4	23173	6	#0	16QAM	NV	NT	-0.24	0.000	-2.5	2.5	PASS
Band 12	1.4	23173	6	#0	16QAM	HV	NT	-0.31	0.000	-2.5	2.5	PASS

Band 12	3	23025	15	#0	QPSK	LV	NT	-3.18	-0.05	-2.5	2.5	PASS
Band 12	3	23025	15	#0	QPSK	NV	NT	-2.78	-0.04	-2.5	2.5	PASS
Band 12	3	23025	15	#0	QPSK	HV	NT	-3.66	-0.05	-2.5	2.5	PASS
Band 12	3	23025	15	#0	16QAM	LV	NT	-1.86	-0.03	-2.5	2.5	PASS
Band 12	3	23025	15	#0	16QAM	NV	NT	-3.42	-0.05	-2.5	2.5	PASS
Band 12	3	23025	15	#0	16QAM	HV	NT	-3.50	-0.05	-2.5	2.5	PASS
Band 12	3	23095	15	#0	QPSK	LV	NT	-1.04	-0.01	-2.5	2.5	PASS
Band 12	3	23095	15	#0	QPSK	NV	NT	-0.62	-0.01	-2.5	2.5	PASS
Band 12	3	23095	15	#0	QPSK	HV	NT	-0.73	-0.01	-2.5	2.5	PASS
Band 12	3	23095	15	#0	16QAM	LV	NT	-0.62	-0.01	-2.5	2.5	PASS
Band 12	3	23095	15	#0	16QAM	NV	NT	-1.29	-0.02	-2.5	2.5	PASS
Band 12	3	23095	15	#0	16QAM	HV	NT	-0.34	0.00	-2.5	2.5	PASS
Band 12	3	23165	15	#0	QPSK	LV	NT	-0.36	-0.01	-2.5	2.5	PASS
Band 12	3	23165	15	#0	QPSK	NV	NT	-0.57	-0.01	-2.5	2.5	PASS
Band 12	3	23165	15	#0	QPSK	HV	NT	-0.17	0.00	-2.5	2.5	PASS
Band 12	3	23165	15	#0	16QAM	LV	NT	-1.20	-0.02	-2.5	2.5	PASS
Band 12	3	23165	15	#0	16QAM	NV	NT	0.41	0.00	-2.5	2.5	PASS
Band 12	3	23165	15	#0	16QAM	HV	NT	-0.09	0.00	-2.5	2.5	PASS
Band 12	5	23035	25	#0	QPSK	LV	NT	-2.12	-0.03	-2.5	2.5	PASS
Band 12	5	23035	25	#0	QPSK	NV	NT	-2.43	-0.03	-2.5	2.5	PASS
Band 12	5	23035	25	#0	QPSK	HV	NT	-0.33	0.00	-2.5	2.5	PASS
Band 12	5	23035	25	#0	16QAM	LV	NT	-0.64	-0.01	-2.5	2.5	PASS

Band 12	5	23035	25	#0	16QAM	NV	NT	-0.5 6	-0.0 01	-2.5	2.5	PAS S
Band 12	5	23035	25	#0	16QAM	HV	NT	-0.3 0	0.00 0	-2.5	2.5	PAS S
Band 12	5	23095	25	#0	QPSK	LV	NT	-0.3 4	0.00 0	-2.5	2.5	PAS S
Band 12	5	23095	25	#0	QPSK	NV	NT	-0.5 3	-0.0 01	-2.5	2.5	PAS S
Band 12	5	23095	25	#0	QPSK	HV	NT	-0.3 4	0.00 0	-2.5	2.5	PAS S
Band 12	5	23095	25	#0	16QAM	LV	NT	-1.1 4	-0.0 02	-2.5	2.5	PAS S
Band 12	5	23095	25	#0	16QAM	NV	NT	-2.3 5	-0.0 03	-2.5	2.5	PAS S
Band 12	5	23095	25	#0	16QAM	HV	NT	-0.9 2	-0.0 01	-2.5	2.5	PAS S
Band 12	5	23155	25	#0	QPSK	LV	NT	-1.0 2	-0.0 01	-2.5	2.5	PAS S
Band 12	5	23155	25	#0	QPSK	NV	NT	-0.8 0	-0.0 01	-2.5	2.5	PAS S
Band 12	5	23155	25	#0	QPSK	HV	NT	-1.8 5	-0.0 03	-2.5	2.5	PAS S
Band 12	5	23155	25	#0	16QAM	LV	NT	-1.8 3	-0.0 03	-2.5	2.5	PAS S
Band 12	5	23155	25	#0	16QAM	NV	NT	-0.8 3	-0.0 01	-2.5	2.5	PAS S
Band 12	5	23155	25	#0	16QAM	HV	NT	-1.1 2	-0.0 02	-2.5	2.5	PAS S
Band 12	10	23060	50	#0	QPSK	LV	NT	-0.5 0	-0.0 01	-2.5	2.5	PAS S
Band 12	10	23060	50	#0	QPSK	NV	NT	-0.5 1	-0.0 01	-2.5	2.5	PAS S
Band 12	10	23060	50	#0	QPSK	HV	NT	-0.5 1	-0.0 01	-2.5	2.5	PAS S
Band 12	10	23060	50	#0	16QAM	LV	NT	0.31	0.00 0	-2.5	2.5	PAS S
Band 12	10	23060	50	#0	16QAM	NV	NT	-0.7 9	-0.0 01	-2.5	2.5	PAS S
Band 12	10	23060	50	#0	16QAM	HV	NT	-0.6 7	-0.0 01	-2.5	2.5	PAS S
Band 12	10	23095	50	#0	QPSK	LV	NT	-0.1 7	0.00 0	-2.5	2.5	PAS S
Band 12	10	23095	50	#0	QPSK	NV	NT	-1.0 2	-0.0 01	-2.5	2.5	PAS S

Band 12	10	23095	50	#0	QPSK	HV	NT	-1.49	-0.002	-2.5	2.5	PASS
Band 12	10	23095	50	#0	16QAM	LV	NT	-1.76	-0.002	-2.5	2.5	PASS
Band 12	10	23095	50	#0	16QAM	NV	NT	-2.40	-0.003	-2.5	2.5	PASS
Band 12	10	23095	50	#0	16QAM	HV	NT	-1.52	-0.002	-2.5	2.5	PASS
Band 12	10	23130	50	#0	QPSK	LV	NT	-3.10	-0.004	-2.5	2.5	PASS
Band 12	10	23130	50	#0	QPSK	NV	NT	-2.05	-0.003	-2.5	2.5	PASS
Band 12	10	23130	50	#0	QPSK	HV	NT	-2.43	-0.003	-2.5	2.5	PASS
Band 12	10	23130	50	#0	16QAM	LV	NT	-1.97	-0.003	-2.5	2.5	PASS
Band 12	10	23130	50	#0	16QAM	NV	NT	-2.03	-0.003	-2.5	2.5	PASS
Band 12	10	23130	50	#0	16QAM	HV	NT	-0.89	-0.001	-2.5	2.5	PASS

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Voltage (Vdc)	Temperature (C)	Result (Hz)	Result (ppm)	Low Limit (ppm)	high Limit (ppm)	Verdict
Band 12	1.4	23017	6	#0	QPSK	NV	-30	-0.66	-0.001	-2.5	2.5	PASS
Band 12	1.4	23017	6	#0	QPSK	NV	-20	-0.86	-0.001	-2.5	2.5	PASS
Band 12	1.4	23017	6	#0	QPSK	NV	-10	-0.73	-0.001	-2.5	2.5	PASS
Band 12	1.4	23017	6	#0	QPSK	NV	0	-0.69	-0.001	-2.5	2.5	PASS
Band 12	1.4	23017	6	#0	QPSK	NV	10	-0.31	0.000	-2.5	2.5	PASS
Band 12	1.4	23017	6	#0	QPSK	NV	20	-0.66	-0.001	-2.5	2.5	PASS
Band 12	1.4	23017	6	#0	QPSK	NV	30	-1.04	-0.001	-2.5	2.5	PASS
Band 12	1.4	23017	6	#0	QPSK	NV	40	-0.84	-0.001	-2.5	2.5	PASS
Band 12	1.4	23017	6	#0	QPSK	NV	50	-0.24	0.000	-2.5	2.5	PASS

Band 12	1.4	23017	6	#0	16QAM	NV	-30	-0.9 6	-0.0 01	-2.5	2.5	PAS S
Band 12	1.4	23017	6	#0	16QAM	NV	-20	-1.3 7	-0.0 02	-2.5	2.5	PAS S
Band 12	1.4	23017	6	#0	16QAM	NV	-10	-1.0 4	-0.0 01	-2.5	2.5	PAS S
Band 12	1.4	23017	6	#0	16QAM	NV	0	-0.4 0	-0.0 01	-2.5	2.5	PAS S
Band 12	1.4	23017	6	#0	16QAM	NV	10	-1.0 9	-0.0 02	-2.5	2.5	PAS S
Band 12	1.4	23017	6	#0	16QAM	NV	20	-1.7 6	-0.0 03	-2.5	2.5	PAS S
Band 12	1.4	23017	6	#0	16QAM	NV	30	-1.8 2	-0.0 03	-2.5	2.5	PAS S
Band 12	1.4	23017	6	#0	16QAM	NV	40	-0.9 4	-0.0 01	-2.5	2.5	PAS S
Band 12	1.4	23017	6	#0	16QAM	NV	50	-1.0 0	-0.0 01	-2.5	2.5	PAS S
Band 12	1.4	23095	6	#0	QPSK	NV	-30	-0.5 0	-0.0 01	-2.5	2.5	PAS S
Band 12	1.4	23095	6	#0	QPSK	NV	-20	-0.8 2	-0.0 01	-2.5	2.5	PAS S
Band 12	1.4	23095	6	#0	QPSK	NV	-10	-0.9 7	-0.0 01	-2.5	2.5	PAS S
Band 12	1.4	23095	6	#0	QPSK	NV	0	-0.5 3	-0.0 01	-2.5	2.5	PAS S
Band 12	1.4	23095	6	#0	QPSK	NV	10	-0.5 3	-0.0 01	-2.5	2.5	PAS S
Band 12	1.4	23095	6	#0	QPSK	NV	20	-1.6 3	-0.0 02	-2.5	2.5	PAS S
Band 12	1.4	23095	6	#0	QPSK	NV	30	-0.4 4	-0.0 01	-2.5	2.5	PAS S
Band 12	1.4	23095	6	#0	QPSK	NV	40	-0.9 6	-0.0 01	-2.5	2.5	PAS S
Band 12	1.4	23095	6	#0	QPSK	NV	50	-1.2 3	-0.0 02	-2.5	2.5	PAS S
Band 12	1.4	23095	6	#0	16QAM	NV	-30	-0.3 4	0.00 0	-2.5	2.5	PAS S
Band 12	1.4	23095	6	#0	16QAM	NV	-20	-1.4 4	-0.0 02	-2.5	2.5	PAS S
Band 12	1.4	23095	6	#0	16QAM	NV	-10	-1.2 2	-0.0 02	-2.5	2.5	PAS S
Band 12	1.4	23095	6	#0	16QAM	NV	0	-1.2 7	-0.0 02	-2.5	2.5	PAS S

Band 12	1.4	23095	6	#0	16QAM	NV	10	-1.3 7	-0.0 02	-2.5	2.5	PAS S
Band 12	1.4	23095	6	#0	16QAM	NV	20	-0.7 7	-0.0 01	-2.5	2.5	PAS S
Band 12	1.4	23095	6	#0	16QAM	NV	30	-0.9 0	-0.0 01	-2.5	2.5	PAS S
Band 12	1.4	23095	6	#0	16QAM	NV	40	-1.2 3	-0.0 02	-2.5	2.5	PAS S
Band 12	1.4	23095	6	#0	16QAM	NV	50	-1.0 6	-0.0 01	-2.5	2.5	PAS S
Band 12	1.4	23173	6	#0	QPSK	NV	-30	-0.9 3	-0.0 01	-2.5	2.5	PAS S
Band 12	1.4	23173	6	#0	QPSK	NV	-20	-0.5 3	-0.0 01	-2.5	2.5	PAS S
Band 12	1.4	23173	6	#0	QPSK	NV	-10	-1.6 0	-0.0 02	-2.5	2.5	PAS S
Band 12	1.4	23173	6	#0	QPSK	NV	0	-1.5 7	-0.0 02	-2.5	2.5	PAS S
Band 12	1.4	23173	6	#0	QPSK	NV	10	-1.4 6	-0.0 02	-2.5	2.5	PAS S
Band 12	1.4	23173	6	#0	QPSK	NV	20	-0.9 2	-0.0 01	-2.5	2.5	PAS S
Band 12	1.4	23173	6	#0	QPSK	NV	30	-0.9 6	-0.0 01	-2.5	2.5	PAS S
Band 12	1.4	23173	6	#0	QPSK	NV	40	-0.3 9	-0.0 01	-2.5	2.5	PAS S
Band 12	1.4	23173	6	#0	QPSK	NV	50	-0.5 3	-0.0 01	-2.5	2.5	PAS S
Band 12	1.4	23173	6	#0	16QAM	NV	-30	-1.3 2	-0.0 02	-2.5	2.5	PAS S
Band 12	1.4	23173	6	#0	16QAM	NV	-20	-1.9 0	-0.0 03	-2.5	2.5	PAS S
Band 12	1.4	23173	6	#0	16QAM	NV	-10	-2.1 3	-0.0 03	-2.5	2.5	PAS S
Band 12	1.4	23173	6	#0	16QAM	NV	0	-1.4 7	-0.0 02	-2.5	2.5	PAS S
Band 12	1.4	23173	6	#0	16QAM	NV	10	-1.5 7	-0.0 02	-2.5	2.5	PAS S
Band 12	1.4	23173	6	#0	16QAM	NV	20	-1.8 7	-0.0 03	-2.5	2.5	PAS S
Band 12	1.4	23173	6	#0	16QAM	NV	30	-1.0 4	-0.0 01	-2.5	2.5	PAS S
Band 12	1.4	23173	6	#0	16QAM	NV	40	-1.4 9	-0.0 02	-2.5	2.5	PAS S

Band 12	1.4	23173	6	#0	16QAM	NV	50	-1.5 2	-0.0 02	-2.5	2.5	PAS S
Band 12	3	23025	15	#0	QPSK	NV	-30	-2.5 2	-0.0 04	-2.5	2.5	PAS S
Band 12	3	23025	15	#0	QPSK	NV	-20	-1.5 2	-0.0 02	-2.5	2.5	PAS S
Band 12	3	23025	15	#0	QPSK	NV	-10	-1.1 2	-0.0 02	-2.5	2.5	PAS S
Band 12	3	23025	15	#0	QPSK	NV	0	-2.2 9	-0.0 03	-2.5	2.5	PAS S
Band 12	3	23025	15	#0	QPSK	NV	10	-1.5 9	-0.0 02	-2.5	2.5	PAS S
Band 12	3	23025	15	#0	QPSK	NV	20	-1.5 9	-0.0 02	-2.5	2.5	PAS S
Band 12	3	23025	15	#0	QPSK	NV	30	-1.7 5	-0.0 02	-2.5	2.5	PAS S
Band 12	3	23025	15	#0	QPSK	NV	40	-0.8 4	-0.0 01	-2.5	2.5	PAS S
Band 12	3	23025	15	#0	QPSK	NV	50	-1.8 3	-0.0 03	-2.5	2.5	PAS S
Band 12	3	23025	15	#0	16QAM	NV	-30	-1.3 6	-0.0 02	-2.5	2.5	PAS S
Band 12	3	23025	15	#0	16QAM	NV	-20	-1.7 3	-0.0 02	-2.5	2.5	PAS S
Band 12	3	23025	15	#0	16QAM	NV	-10	-1.7 7	-0.0 03	-2.5	2.5	PAS S
Band 12	3	23025	15	#0	16QAM	NV	0	-2.1 7	-0.0 03	-2.5	2.5	PAS S
Band 12	3	23025	15	#0	16QAM	NV	10	-1.2 0	-0.0 02	-2.5	2.5	PAS S
Band 12	3	23025	15	#0	16QAM	NV	20	-1.2 9	-0.0 02	-2.5	2.5	PAS S
Band 12	3	23025	15	#0	16QAM	NV	30	-1.6 9	-0.0 02	-2.5	2.5	PAS S
Band 12	3	23025	15	#0	16QAM	NV	40	-1.4 7	-0.0 02	-2.5	2.5	PAS S
Band 12	3	23025	15	#0	16QAM	NV	50	-1.4 9	-0.0 02	-2.5	2.5	PAS S
Band 12	3	23095	15	#0	QPSK	NV	-30	-0.8 6	-0.0 01	-2.5	2.5	PAS S
Band 12	3	23095	15	#0	QPSK	NV	-20	-0.6 2	-0.0 01	-2.5	2.5	PAS S
Band 12	3	23095	15	#0	QPSK	NV	-10	-1.1 0	-0.0 02	-2.5	2.5	PAS S

Band 12	3	23095	15	#0	QPSK	NV	0	-0.57	-0.001	-2.5	2.5	PASS
Band 12	3	23095	15	#0	QPSK	NV	10	-0.37	-0.001	-2.5	2.5	PASS
Band 12	3	23095	15	#0	QPSK	NV	20	-1.16	-0.002	-2.5	2.5	PASS
Band 12	3	23095	15	#0	QPSK	NV	30	-1.53	-0.002	-2.5	2.5	PASS
Band 12	3	23095	15	#0	QPSK	NV	40	-1.07	-0.002	-2.5	2.5	PASS
Band 12	3	23095	15	#0	QPSK	NV	50	-0.60	-0.001	-2.5	2.5	PASS
Band 12	3	23095	15	#0	16QAM	NV	-30	-1.14	-0.002	-2.5	2.5	PASS
Band 12	3	23095	15	#0	16QAM	NV	-20	-1.43	-0.002	-2.5	2.5	PASS
Band 12	3	23095	15	#0	16QAM	NV	-10	-0.10	0.000	-2.5	2.5	PASS
Band 12	3	23095	15	#0	16QAM	NV	0	-1.27	-0.002	-2.5	2.5	PASS
Band 12	3	23095	15	#0	16QAM	NV	10	-0.82	-0.001	-2.5	2.5	PASS
Band 12	3	23095	15	#0	16QAM	NV	20	-1.06	-0.001	-2.5	2.5	PASS
Band 12	3	23095	15	#0	16QAM	NV	30	-0.72	-0.001	-2.5	2.5	PASS
Band 12	3	23095	15	#0	16QAM	NV	40	-1.04	-0.001	-2.5	2.5	PASS
Band 12	3	23095	15	#0	16QAM	NV	50	-0.76	-0.001	-2.5	2.5	PASS
Band 12	3	23165	15	#0	QPSK	NV	-30	0.53	0.001	-2.5	2.5	PASS
Band 12	3	23165	15	#0	QPSK	NV	-20	-1.16	-0.002	-2.5	2.5	PASS
Band 12	3	23165	15	#0	QPSK	NV	-10	-0.96	-0.001	-2.5	2.5	PASS
Band 12	3	23165	15	#0	QPSK	NV	0	-0.10	0.000	-2.5	2.5	PASS
Band 12	3	23165	15	#0	QPSK	NV	10	0.07	0.000	-2.5	2.5	PASS
Band 12	3	23165	15	#0	QPSK	NV	20	0.17	0.000	-2.5	2.5	PASS
Band 12	3	23165	15	#0	QPSK	NV	30	-1.26	-0.002	-2.5	2.5	PASS

Band 12	3	23165	15	#0	QPSK	NV	40	-0.3 1	0.00 0	-2.5	2.5	PAS S
Band 12	3	23165	15	#0	QPSK	NV	50	-0.3 9	-0.0 01	-2.5	2.5	PAS S
Band 12	3	23165	15	#0	16QAM	NV	-30	-0.8 3	-0.0 01	-2.5	2.5	PAS S
Band 12	3	23165	15	#0	16QAM	NV	-20	-0.8 2	-0.0 01	-2.5	2.5	PAS S
Band 12	3	23165	15	#0	16QAM	NV	-10	-0.5 7	-0.0 01	-2.5	2.5	PAS S
Band 12	3	23165	15	#0	16QAM	NV	0	-1.4 4	-0.0 02	-2.5	2.5	PAS S
Band 12	3	23165	15	#0	16QAM	NV	10	-0.3 0	0.00 0	-2.5	2.5	PAS S
Band 12	3	23165	15	#0	16QAM	NV	20	0.04	0.00 0	-2.5	2.5	PAS S
Band 12	3	23165	15	#0	16QAM	NV	30	0.51	0.00 1	-2.5	2.5	PAS S
Band 12	3	23165	15	#0	16QAM	NV	40	-0.9 6	-0.0 01	-2.5	2.5	PAS S
Band 12	3	23165	15	#0	16QAM	NV	50	-1.1 4	-0.0 02	-2.5	2.5	PAS S
Band 12	5	23035	25	#0	QPSK	NV	-30	-0.8 0	-0.0 01	-2.5	2.5	PAS S
Band 12	5	23035	25	#0	QPSK	NV	-20	-0.9 2	-0.0 01	-2.5	2.5	PAS S
Band 12	5	23035	25	#0	QPSK	NV	-10	-1.2 6	-0.0 02	-2.5	2.5	PAS S
Band 12	5	23035	25	#0	QPSK	NV	0	-1.2 2	-0.0 02	-2.5	2.5	PAS S
Band 12	5	23035	25	#0	QPSK	NV	10	-0.4 6	-0.0 01	-2.5	2.5	PAS S
Band 12	5	23035	25	#0	QPSK	NV	20	-1.2 0	-0.0 02	-2.5	2.5	PAS S
Band 12	5	23035	25	#0	QPSK	NV	30	-0.3 1	0.00 0	-2.5	2.5	PAS S
Band 12	5	23035	25	#0	QPSK	NV	40	-1.1 2	-0.0 02	-2.5	2.5	PAS S
Band 12	5	23035	25	#0	QPSK	NV	50	-1.2 0	-0.0 02	-2.5	2.5	PAS S
Band 12	5	23035	25	#0	16QAM	NV	-30	-0.2 3	0.00 0	-2.5	2.5	PAS S
Band 12	5	23035	25	#0	16QAM	NV	-20	-0.8 4	-0.0 01	-2.5	2.5	PAS S

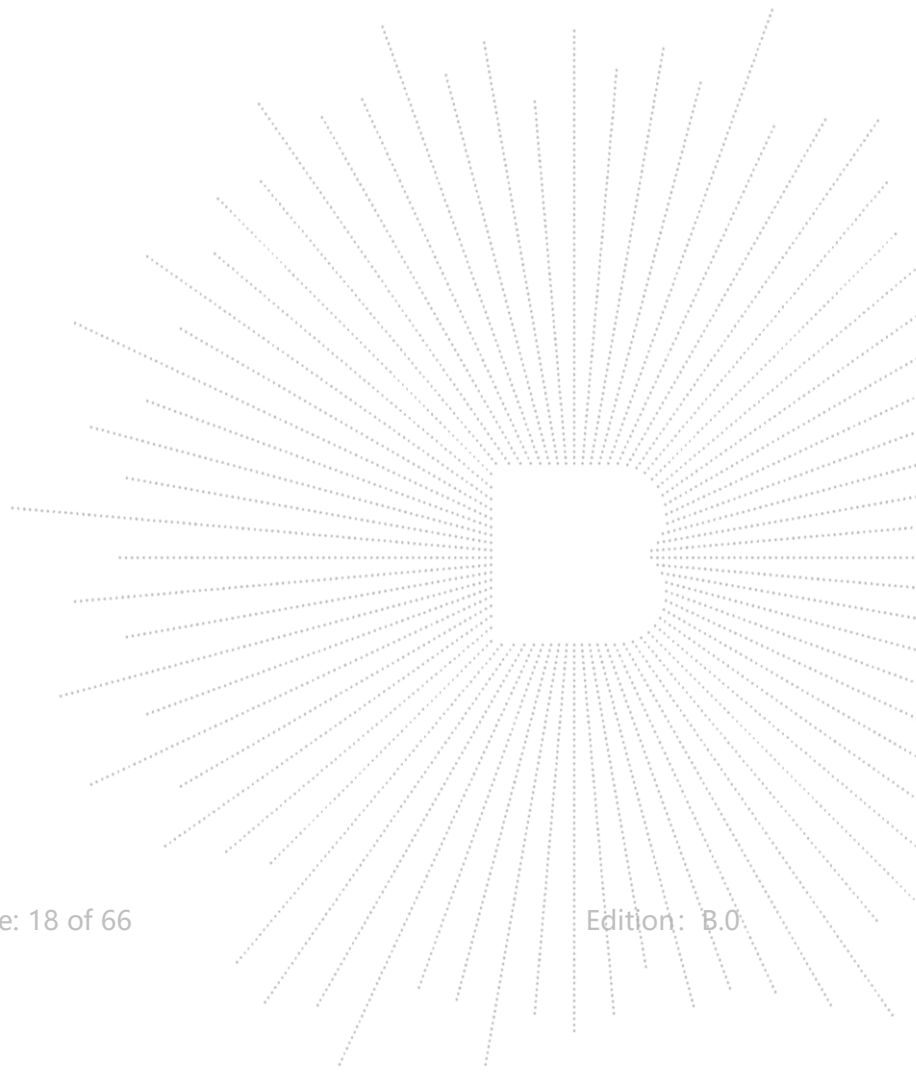
Band 12	5	23035	25	#0	16QAM	NV	-10	-1.4 4	-0.0 02	-2.5	2.5	PAS S
Band 12	5	23035	25	#0	16QAM	NV	0	-0.4 9	-0.0 01	-2.5	2.5	PAS S
Band 12	5	23035	25	#0	16QAM	NV	10	-0.7 0	-0.0 01	-2.5	2.5	PAS S
Band 12	5	23035	25	#0	16QAM	NV	20	-1.8 0	-0.0 03	-2.5	2.5	PAS S
Band 12	5	23035	25	#0	16QAM	NV	30	-1.0 6	-0.0 02	-2.5	2.5	PAS S
Band 12	5	23035	25	#0	16QAM	NV	40	-0.9 4	-0.0 01	-2.5	2.5	PAS S
Band 12	5	23035	25	#0	16QAM	NV	50	-1.0 3	-0.0 01	-2.5	2.5	PAS S
Band 12	5	23095	25	#0	QPSK	NV	-30	-1.2 4	-0.0 02	-2.5	2.5	PAS S
Band 12	5	23095	25	#0	QPSK	NV	-20	-0.9 4	-0.0 01	-2.5	2.5	PAS S
Band 12	5	23095	25	#0	QPSK	NV	-10	-1.6 0	-0.0 02	-2.5	2.5	PAS S
Band 12	5	23095	25	#0	QPSK	NV	0	-0.5 0	-0.0 01	-2.5	2.5	PAS S
Band 12	5	23095	25	#0	QPSK	NV	10	-0.3 3	0.00 0	-2.5	2.5	PAS S
Band 12	5	23095	25	#0	QPSK	NV	20	-1.0 3	-0.0 01	-2.5	2.5	PAS S
Band 12	5	23095	25	#0	QPSK	NV	30	-1.2 9	-0.0 02	-2.5	2.5	PAS S
Band 12	5	23095	25	#0	QPSK	NV	40	-0.9 0	-0.0 01	-2.5	2.5	PAS S
Band 12	5	23095	25	#0	QPSK	NV	50	-0.5 1	-0.0 01	-2.5	2.5	PAS S
Band 12	5	23095	25	#0	16QAM	NV	-30	-1.2 3	-0.0 02	-2.5	2.5	PAS S
Band 12	5	23095	25	#0	16QAM	NV	-20	-1.5 0	-0.0 02	-2.5	2.5	PAS S
Band 12	5	23095	25	#0	16QAM	NV	-10	-1.9 9	-0.0 03	-2.5	2.5	PAS S
Band 12	5	23095	25	#0	16QAM	NV	0	-0.4 7	-0.0 01	-2.5	2.5	PAS S
Band 12	5	23095	25	#0	16QAM	NV	10	-0.2 3	0.00 0	-2.5	2.5	PAS S
Band 12	5	23095	25	#0	16QAM	NV	20	-1.3 0	-0.0 02	-2.5	2.5	PAS S

Band 12	5	23095	25	#0	16QAM	NV	30	-1.2 7	-0.0 02	-2.5	2.5	PAS S
Band 12	5	23095	25	#0	16QAM	NV	40	-0.7 6	-0.0 01	-2.5	2.5	PAS S
Band 12	5	23095	25	#0	16QAM	NV	50	-0.8 6	-0.0 01	-2.5	2.5	PAS S
Band 12	5	23155	25	#0	QPSK	NV	-30	-0.6 3	-0.0 01	-2.5	2.5	PAS S
Band 12	5	23155	25	#0	QPSK	NV	-20	-0.5 1	-0.0 01	-2.5	2.5	PAS S
Band 12	5	23155	25	#0	QPSK	NV	-10	-1.3 0	-0.0 02	-2.5	2.5	PAS S
Band 12	5	23155	25	#0	QPSK	NV	0	-1.8 3	-0.0 03	-2.5	2.5	PAS S
Band 12	5	23155	25	#0	QPSK	NV	10	-1.2 6	-0.0 02	-2.5	2.5	PAS S
Band 12	5	23155	25	#0	QPSK	NV	20	-1.1 2	-0.0 02	-2.5	2.5	PAS S
Band 12	5	23155	25	#0	QPSK	NV	30	-1.0 4	-0.0 01	-2.5	2.5	PAS S
Band 12	5	23155	25	#0	QPSK	NV	40	-0.8 2	-0.0 01	-2.5	2.5	PAS S
Band 12	5	23155	25	#0	QPSK	NV	50	-1.0 9	-0.0 02	-2.5	2.5	PAS S
Band 12	5	23155	25	#0	16QAM	NV	-30	-1.4 3	-0.0 02	-2.5	2.5	PAS S
Band 12	5	23155	25	#0	16QAM	NV	-20	-0.9 4	-0.0 01	-2.5	2.5	PAS S
Band 12	5	23155	25	#0	16QAM	NV	-10	-0.6 6	-0.0 01	-2.5	2.5	PAS S
Band 12	5	23155	25	#0	16QAM	NV	0	-0.2 6	0.00 0	-2.5	2.5	PAS S
Band 12	5	23155	25	#0	16QAM	NV	10	-0.8 0	-0.0 01	-2.5	2.5	PAS S
Band 12	5	23155	25	#0	16QAM	NV	20	-0.7 4	-0.0 01	-2.5	2.5	PAS S
Band 12	5	23155	25	#0	16QAM	NV	30	0.23	0.00 0	-2.5	2.5	PAS S
Band 12	5	23155	25	#0	16QAM	NV	40	-1.4 7	-0.0 02	-2.5	2.5	PAS S
Band 12	5	23155	25	#0	16QAM	NV	50	-0.9 0	-0.0 01	-2.5	2.5	PAS S
Band 12	10	23060	50	#0	QPSK	NV	-30	0.29	0.00 0	-2.5	2.5	PAS S

Band 12	10	23060	50	#0	QPSK	NV	-20	-0.11	0.00	-2.5	2.5	PAS S
Band 12	10	23060	50	#0	QPSK	NV	-10	-0.36	-0.01	-2.5	2.5	PAS S
Band 12	10	23060	50	#0	QPSK	NV	0	-0.80	-0.01	-2.5	2.5	PAS S
Band 12	10	23060	50	#0	QPSK	NV	10	0.03	0.00	-2.5	2.5	PAS S
Band 12	10	23060	50	#0	QPSK	NV	20	-0.06	0.00	-2.5	2.5	PAS S
Band 12	10	23060	50	#0	QPSK	NV	30	-1.29	-0.02	-2.5	2.5	PAS S
Band 12	10	23060	50	#0	QPSK	NV	40	-0.50	-0.01	-2.5	2.5	PAS S
Band 12	10	23060	50	#0	QPSK	NV	50	0.57	0.00	-2.5	2.5	PAS S
Band 12	10	23060	50	#0	16QAM	NV	-30	-0.86	-0.01	-2.5	2.5	PAS S
Band 12	10	23060	50	#0	16QAM	NV	-20	-1.17	-0.02	-2.5	2.5	PAS S
Band 12	10	23060	50	#0	16QAM	NV	-10	-0.67	-0.01	-2.5	2.5	PAS S
Band 12	10	23060	50	#0	16QAM	NV	0	-0.84	-0.01	-2.5	2.5	PAS S
Band 12	10	23060	50	#0	16QAM	NV	10	-1.02	-0.01	-2.5	2.5	PAS S
Band 12	10	23060	50	#0	16QAM	NV	20	-0.74	-0.01	-2.5	2.5	PAS S
Band 12	10	23060	50	#0	16QAM	NV	30	-0.89	-0.01	-2.5	2.5	PAS S
Band 12	10	23060	50	#0	16QAM	NV	40	-0.94	-0.01	-2.5	2.5	PAS S
Band 12	10	23060	50	#0	16QAM	NV	50	-1.09	-0.02	-2.5	2.5	PAS S
Band 12	10	23095	50	#0	QPSK	NV	-30	-1.62	-0.02	-2.5	2.5	PAS S
Band 12	10	23095	50	#0	QPSK	NV	-20	-1.12	-0.02	-2.5	2.5	PAS S
Band 12	10	23095	50	#0	QPSK	NV	-10	-1.40	-0.02	-2.5	2.5	PAS S
Band 12	10	23095	50	#0	QPSK	NV	0	-0.92	-0.01	-2.5	2.5	PAS S
Band 12	10	23095	50	#0	QPSK	NV	10	-0.70	-0.01	-2.5	2.5	PAS S

Band 12	10	23095	50	#0	QPSK	NV	20	-1.4 2	-0.0 02	-2.5	2.5	PAS S
Band 12	10	23095	50	#0	QPSK	NV	30	-0.9 6	-0.0 01	-2.5	2.5	PAS S
Band 12	10	23095	50	#0	QPSK	NV	40	-0.7 9	-0.0 01	-2.5	2.5	PAS S
Band 12	10	23095	50	#0	QPSK	NV	50	-0.2 9	0.00 0	-2.5	2.5	PAS S
Band 12	10	23095	50	#0	16QAM	NV	-30	-1.8 6	-0.0 03	-2.5	2.5	PAS S
Band 12	10	23095	50	#0	16QAM	NV	-20	-1.3 9	-0.0 02	-2.5	2.5	PAS S
Band 12	10	23095	50	#0	16QAM	NV	-10	-1.1 6	-0.0 02	-2.5	2.5	PAS S
Band 12	10	23095	50	#0	16QAM	NV	0	-1.2 2	-0.0 02	-2.5	2.5	PAS S
Band 12	10	23095	50	#0	16QAM	NV	10	-0.7 4	-0.0 01	-2.5	2.5	PAS S
Band 12	10	23095	50	#0	16QAM	NV	20	-1.5 3	-0.0 02	-2.5	2.5	PAS S
Band 12	10	23095	50	#0	16QAM	NV	30	-1.0 7	-0.0 02	-2.5	2.5	PAS S
Band 12	10	23095	50	#0	16QAM	NV	40	-1.8 0	-0.0 03	-2.5	2.5	PAS S
Band 12	10	23095	50	#0	16QAM	NV	50	-1.4 6	-0.0 02	-2.5	2.5	PAS S
Band 12	10	23130	50	#0	QPSK	NV	-30	-2.0 9	-0.0 03	-2.5	2.5	PAS S
Band 12	10	23130	50	#0	QPSK	NV	-20	-2.1 6	-0.0 03	-2.5	2.5	PAS S
Band 12	10	23130	50	#0	QPSK	NV	-10	-1.6 5	-0.0 02	-2.5	2.5	PAS S
Band 12	10	23130	50	#0	QPSK	NV	0	-1.5 7	-0.0 02	-2.5	2.5	PAS S
Band 12	10	23130	50	#0	QPSK	NV	10	-1.7 7	-0.0 02	-2.5	2.5	PAS S
Band 12	10	23130	50	#0	QPSK	NV	20	-2.4 5	-0.0 03	-2.5	2.5	PAS S
Band 12	10	23130	50	#0	QPSK	NV	30	-2.3 9	-0.0 03	-2.5	2.5	PAS S
Band 12	10	23130	50	#0	QPSK	NV	40	-1.2 7	-0.0 02	-2.5	2.5	PAS S
Band 12	10	23130	50	#0	QPSK	NV	50	-2.2 9	-0.0 03	-2.5	2.5	PAS S

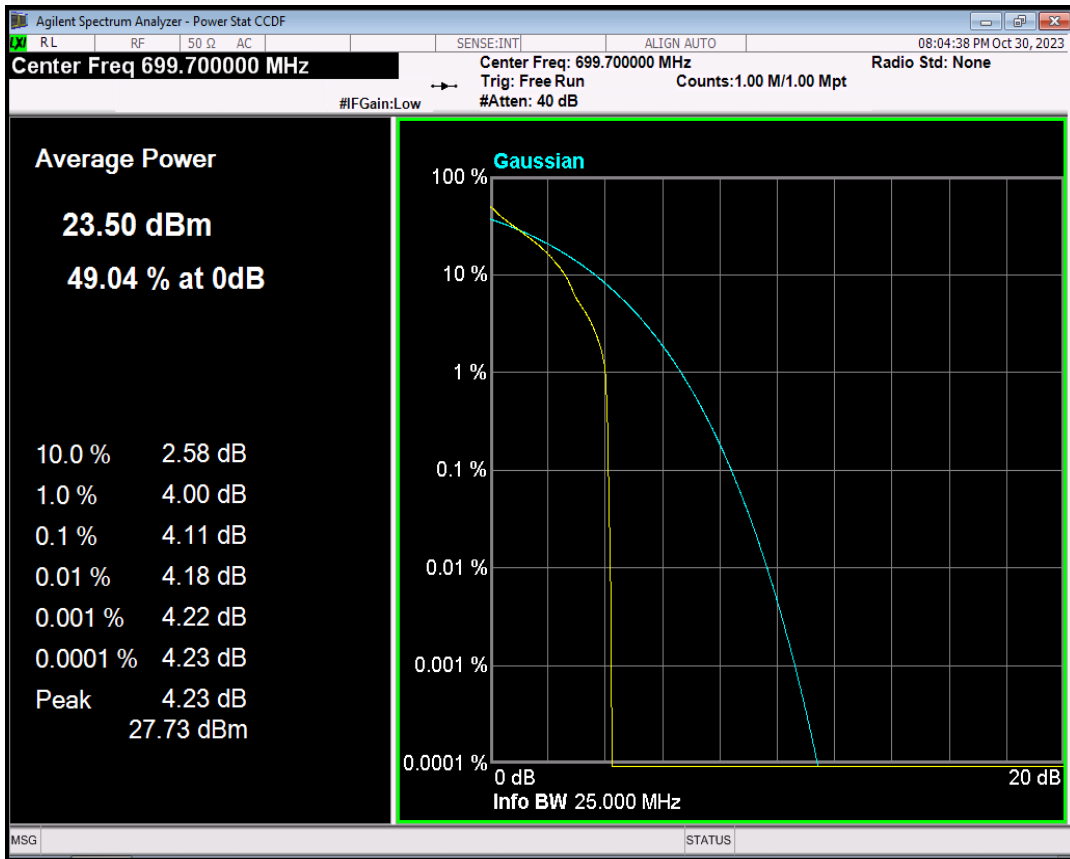
Band 12	10	23130	50	#0	16QAM	NV	-30	-1.9 3	-0.0 03	-2.5	2.5	PAS S
Band 12	10	23130	50	#0	16QAM	NV	-20	-1.8 7	-0.0 03	-2.5	2.5	PAS S
Band 12	10	23130	50	#0	16QAM	NV	-10	-1.8 2	-0.0 03	-2.5	2.5	PAS S
Band 12	10	23130	50	#0	16QAM	NV	0	-2.2 5	-0.0 03	-2.5	2.5	PAS S
Band 12	10	23130	50	#0	16QAM	NV	10	-1.6 7	-0.0 02	-2.5	2.5	PAS S
Band 12	10	23130	50	#0	16QAM	NV	20	-1.3 2	-0.0 02	-2.5	2.5	PAS S
Band 12	10	23130	50	#0	16QAM	NV	30	-2.0 6	-0.0 03	-2.5	2.5	PAS S
Band 12	10	23130	50	#0	16QAM	NV	40	-1.8 6	-0.0 03	-2.5	2.5	PAS S
Band 12	10	23130	50	#0	16QAM	NV	50	-2.1 7	-0.0 03	-2.5	2.5	PAS S



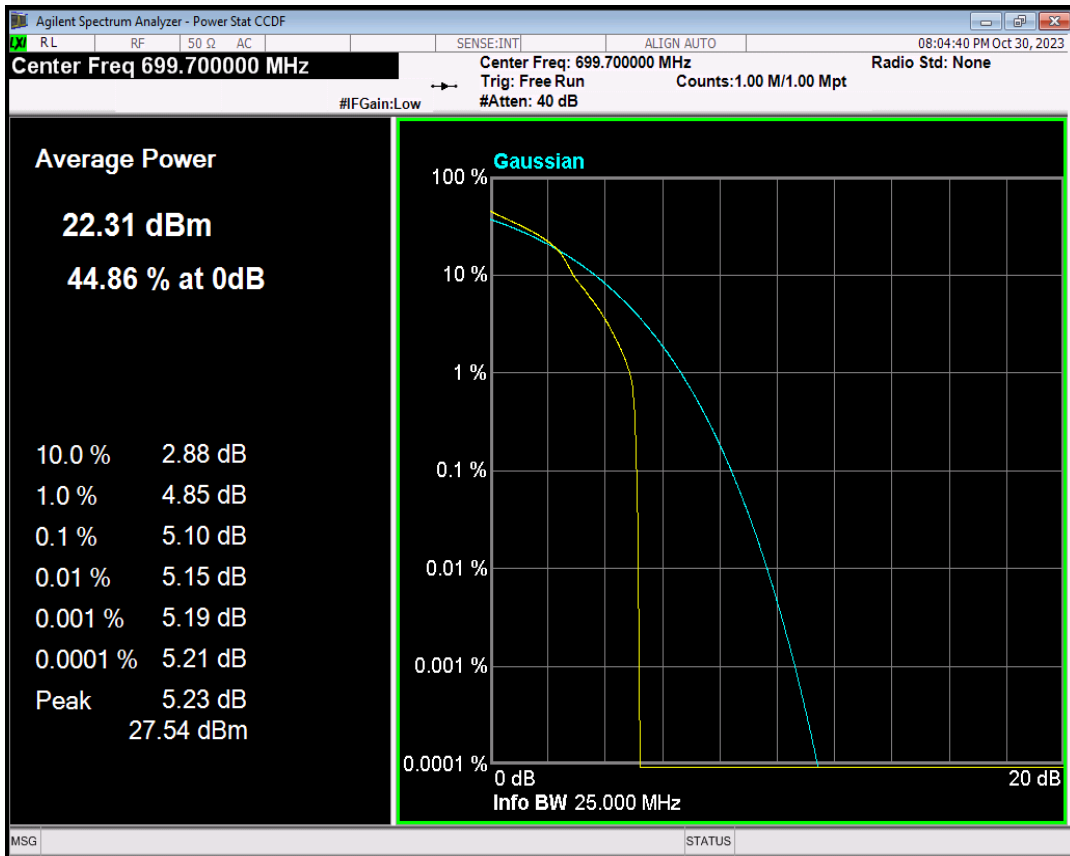
Appendix 3. Peak-to-Average Ratio

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
Band12	1.4	23017	1	#0	QPSK	4.11	13	PASS
Band12	1.4	23017	1	#0	16QAM	5.10	13	PASS
Band12	1.4	23095	1	#0	QPSK	4.22	13	PASS
Band12	1.4	23095	1	#0	16QAM	5.16	13	PASS
Band12	1.4	23173	1	#0	QPSK	4.12	13	PASS
Band12	1.4	23173	1	#0	16QAM	5.13	13	PASS
Band12	3	23025	1	#0	QPSK	4.08	13	PASS
Band12	3	23025	1	#0	16QAM	5.08	13	PASS
Band12	3	23095	1	#0	QPSK	4.36	13	PASS
Band12	3	23095	1	#0	16QAM	5.30	13	PASS
Band12	3	23165	1	#0	QPSK	4.37	13	PASS
Band12	3	23165	1	#0	16QAM	5.32	13	PASS
Band12	5	23035	1	#0	QPSK	4.12	13	PASS
Band12	5	23035	1	#0	16QAM	5.06	13	PASS
Band12	5	23095	1	#0	QPSK	4.26	13	PASS
Band12	5	23095	1	#0	16QAM	5.18	13	PASS
Band12	5	23155	1	#0	QPSK	4.32	13	PASS
Band12	5	23155	1	#0	16QAM	5.19	13	PASS
Band12	10	23060	1	#0	QPSK	4.14	13	PASS
Band12	10	23060	1	#0	16QAM	5.04	13	PASS
Band12	10	23095	1	#0	QPSK	4.22	13	PASS
Band12	10	23095	1	#0	16QAM	5.22	13	PASS
Band12	10	23130	1	#0	QPSK	4.25	13	PASS
Band12	10	23130	1	#0	16QAM	5.14	13	PASS

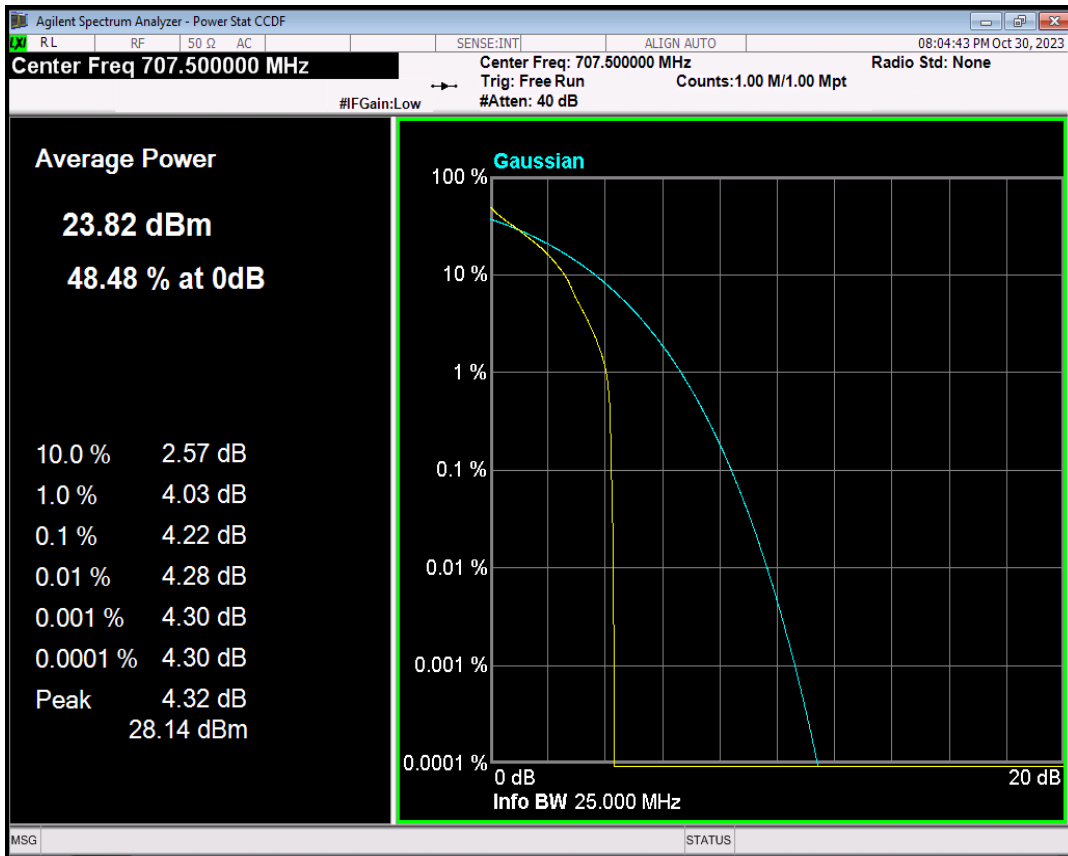
Band12 QPSK BW=1.4MHz Channel=23017 RB Size=1 Position=#0



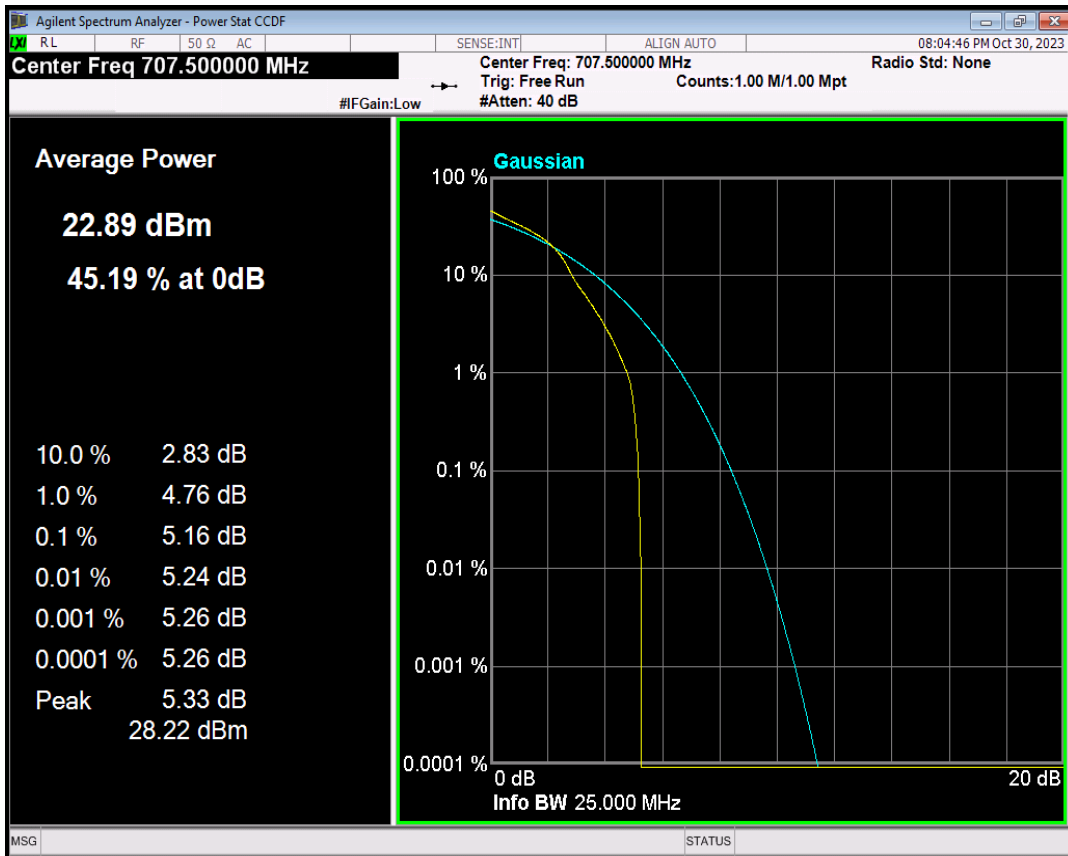
Band12 16QAM BW=1.4MHz Channel=23017 RB Size=1 Position=#0



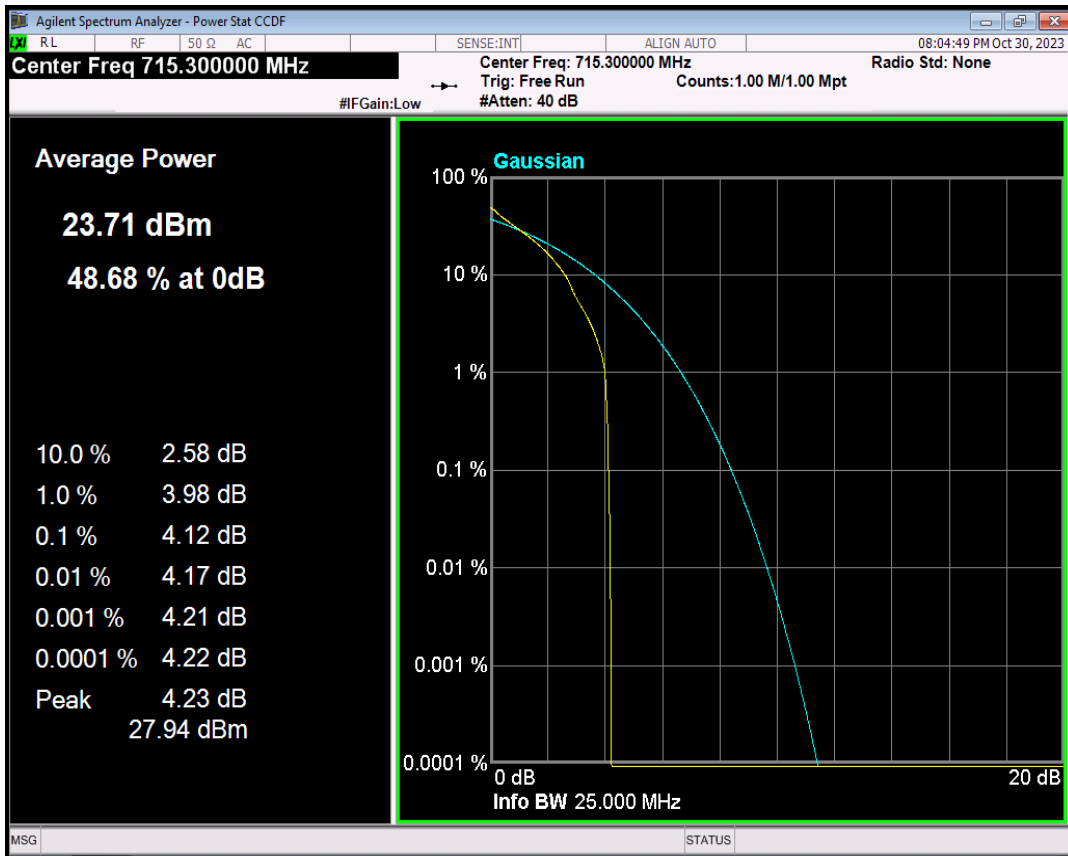
Band12 QPSK BW=1.4MHz Channel=23095 RB Size=1 Position=#0



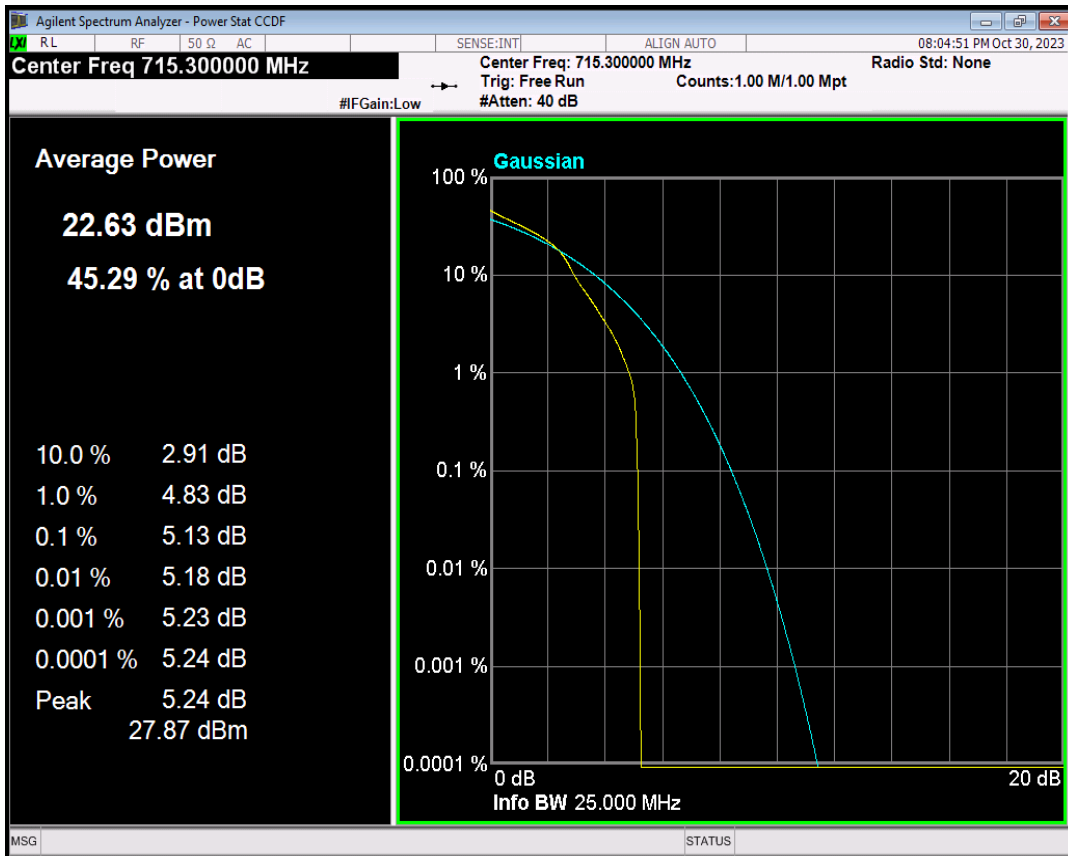
Band12 16QAM BW=1.4MHz Channel=23095 RB Size=1 Position=#0



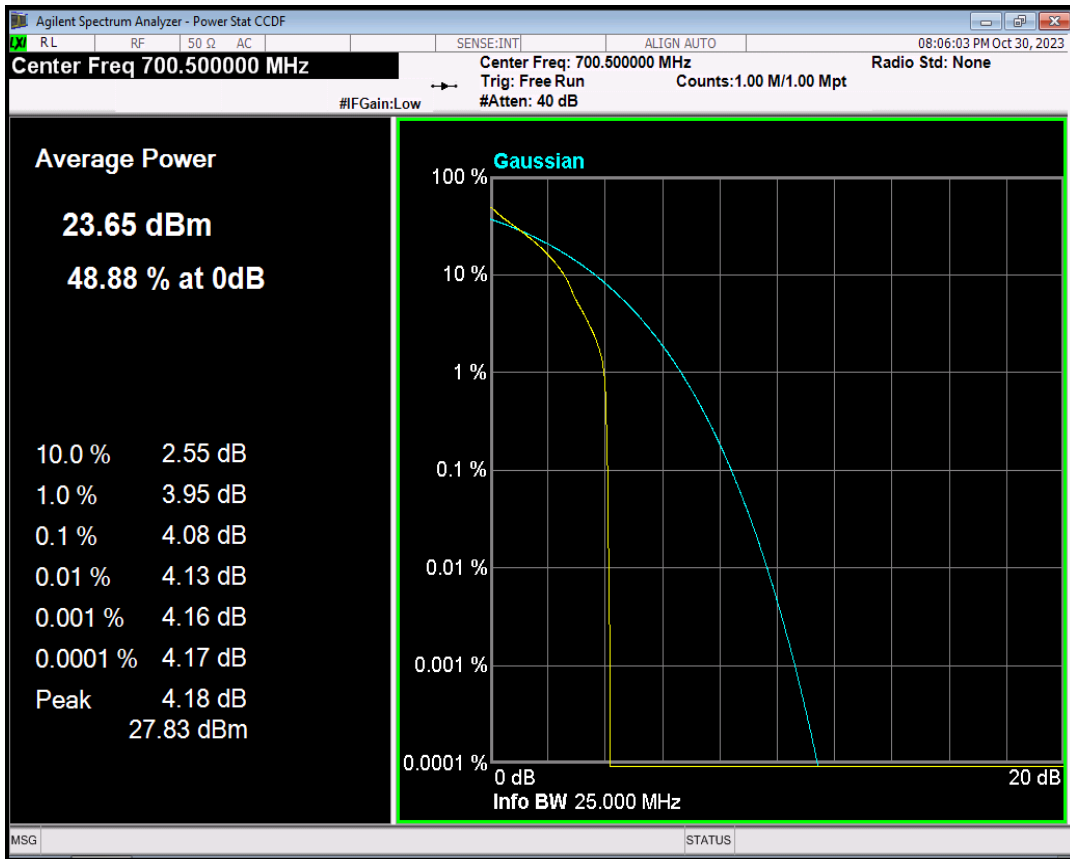
Band12 QPSK BW=1.4MHz Channel=23173 RB Size=1 Position=#0



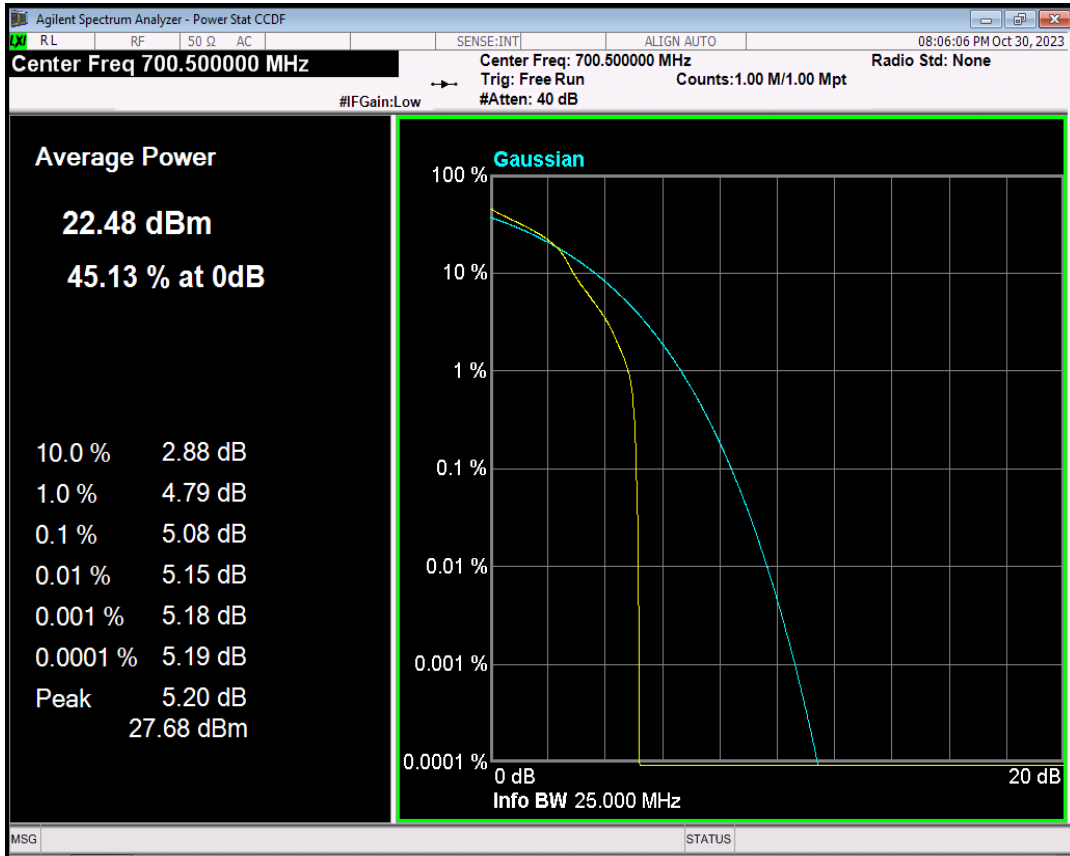
Band12 16QAM BW=1.4MHz Channel=23173 RB Size=1 Position=#0



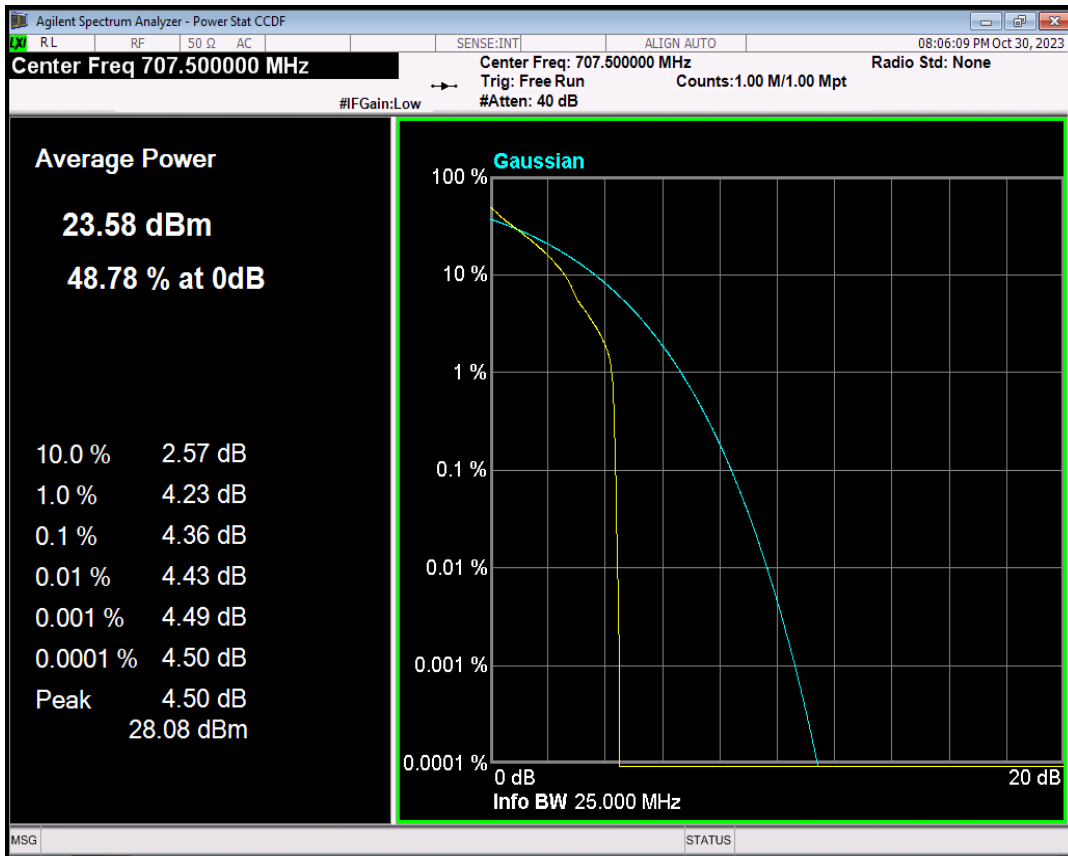
Band12 QPSK BW=3MHz Channel=23025 RB Size=1 Position=#0



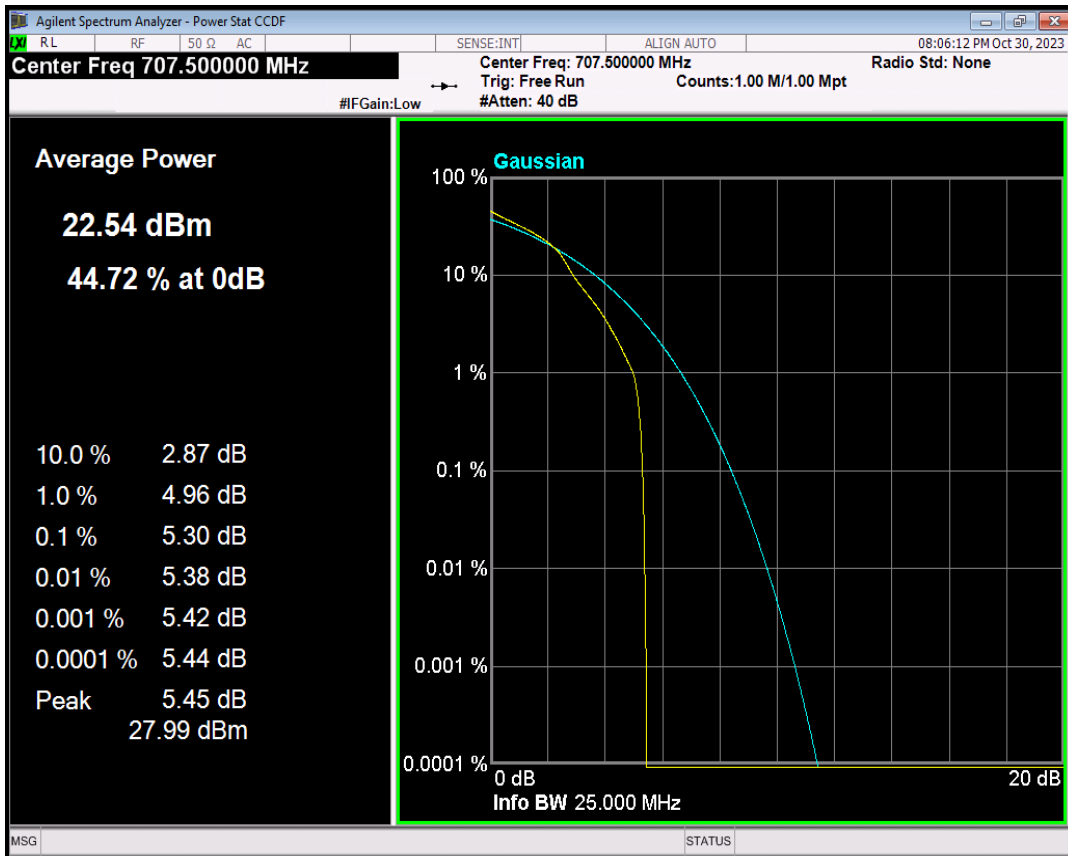
Band12 16QAM BW=3MHz Channel=23025 RB Size=1 Position=#0



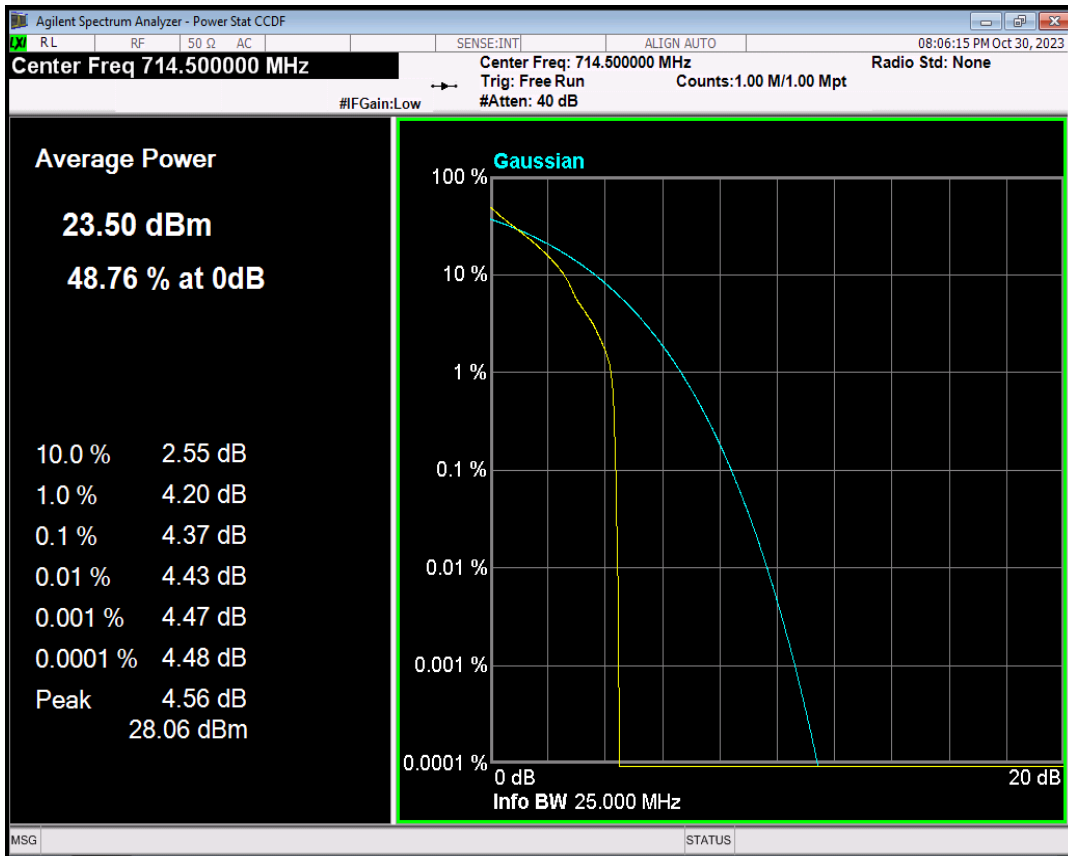
Band12 QPSK BW=3MHz Channel=23095 RB Size=1 Position=#0



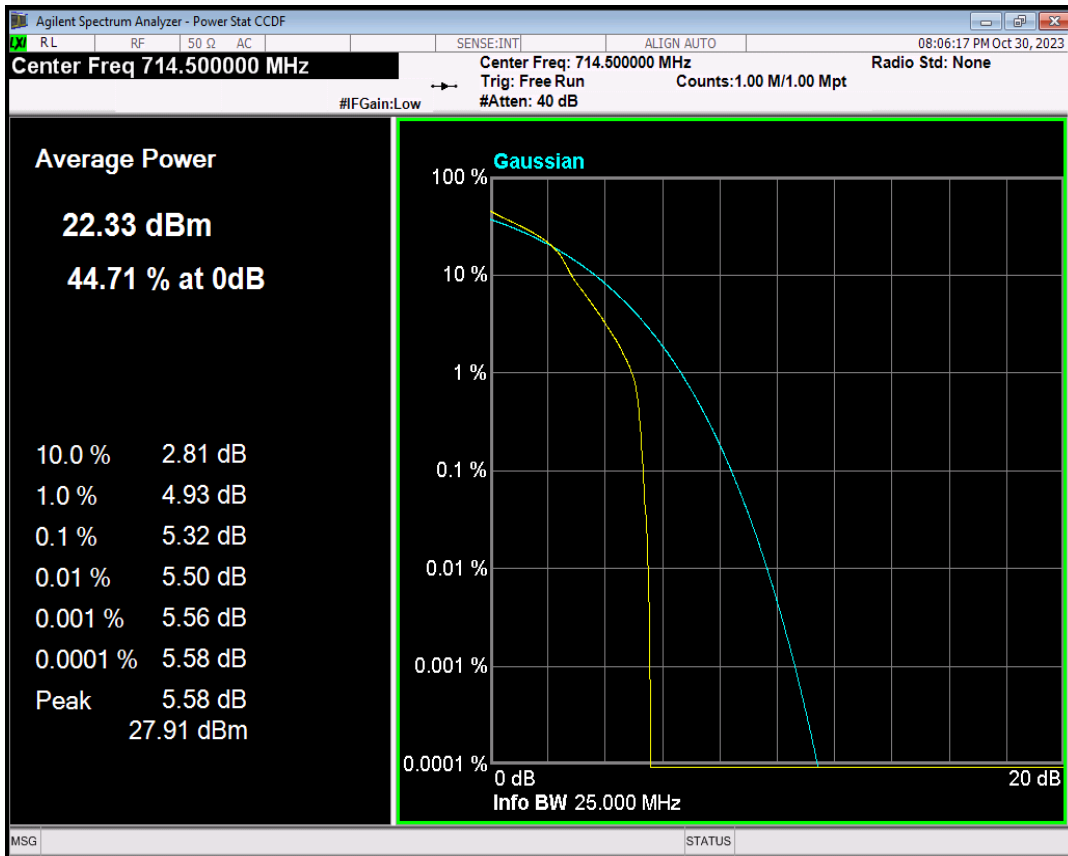
Band12 16QAM BW=3MHz Channel=23095 RB Size=1 Position=#0



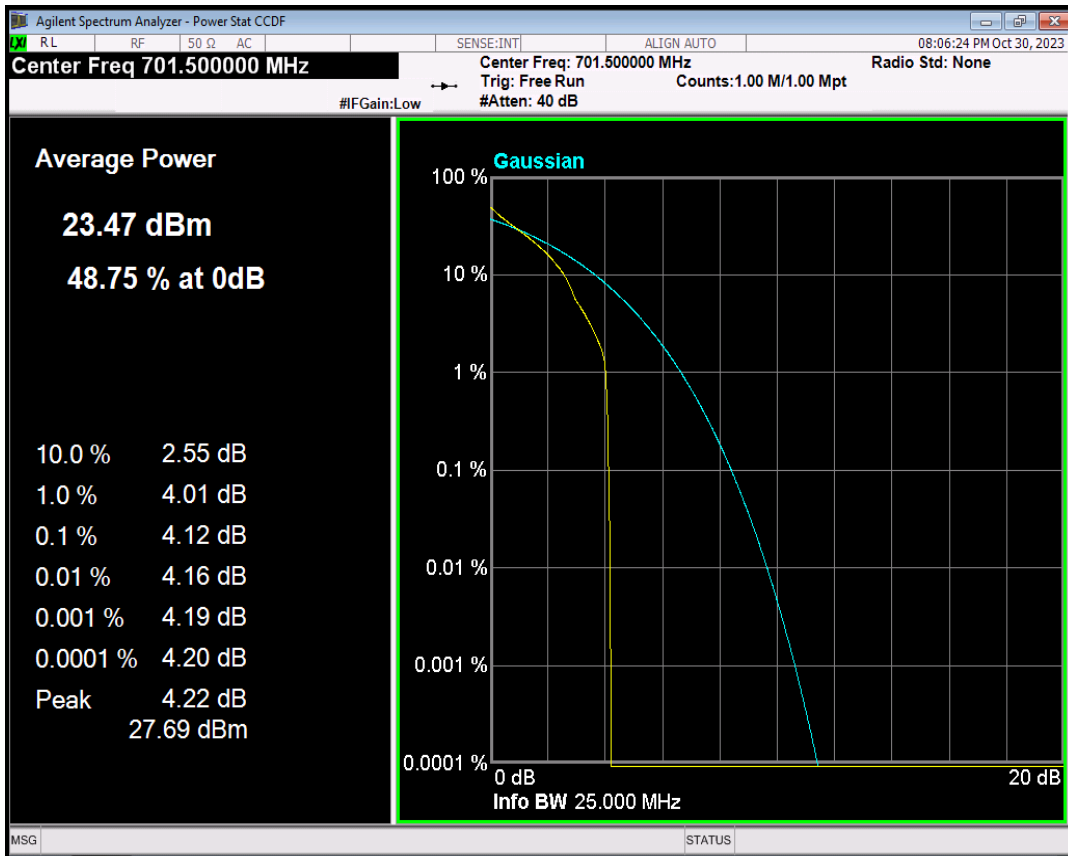
Band12 QPSK BW=3MHz Channel=23165 RB Size=1 Position=#0



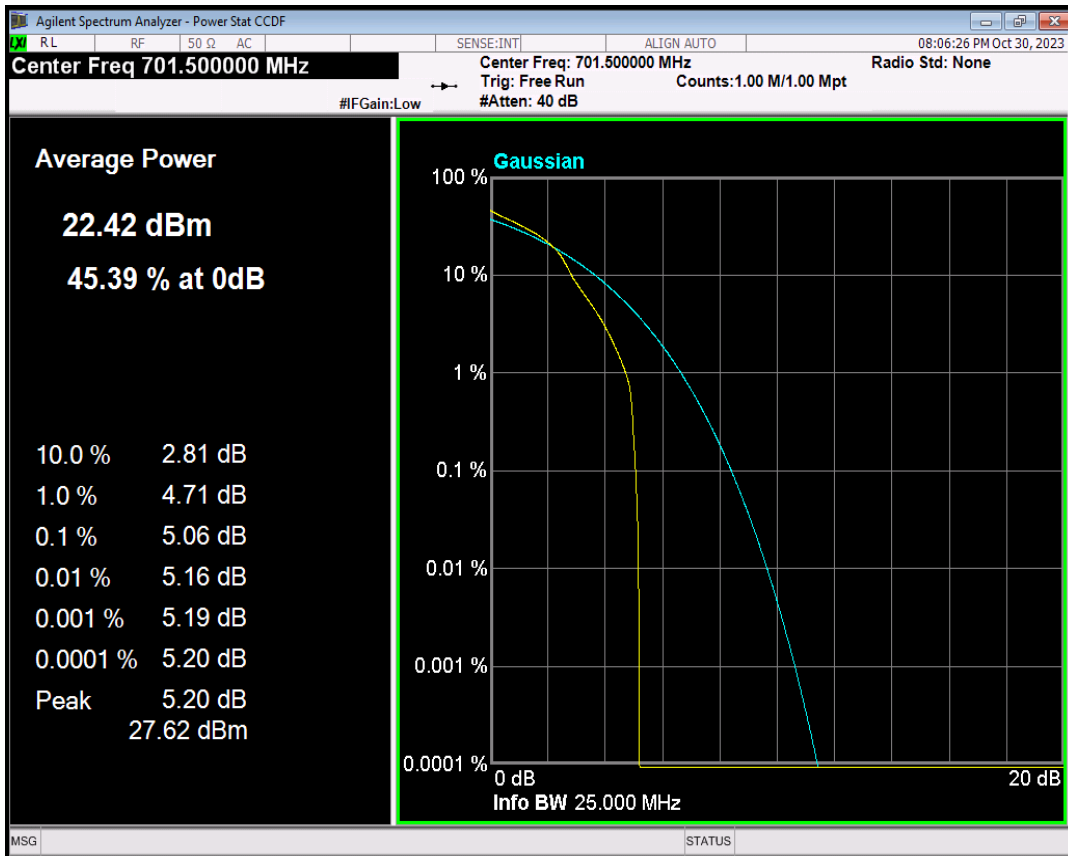
Band12 16QAM BW=3MHz Channel=23165 RB Size=1 Position=#0



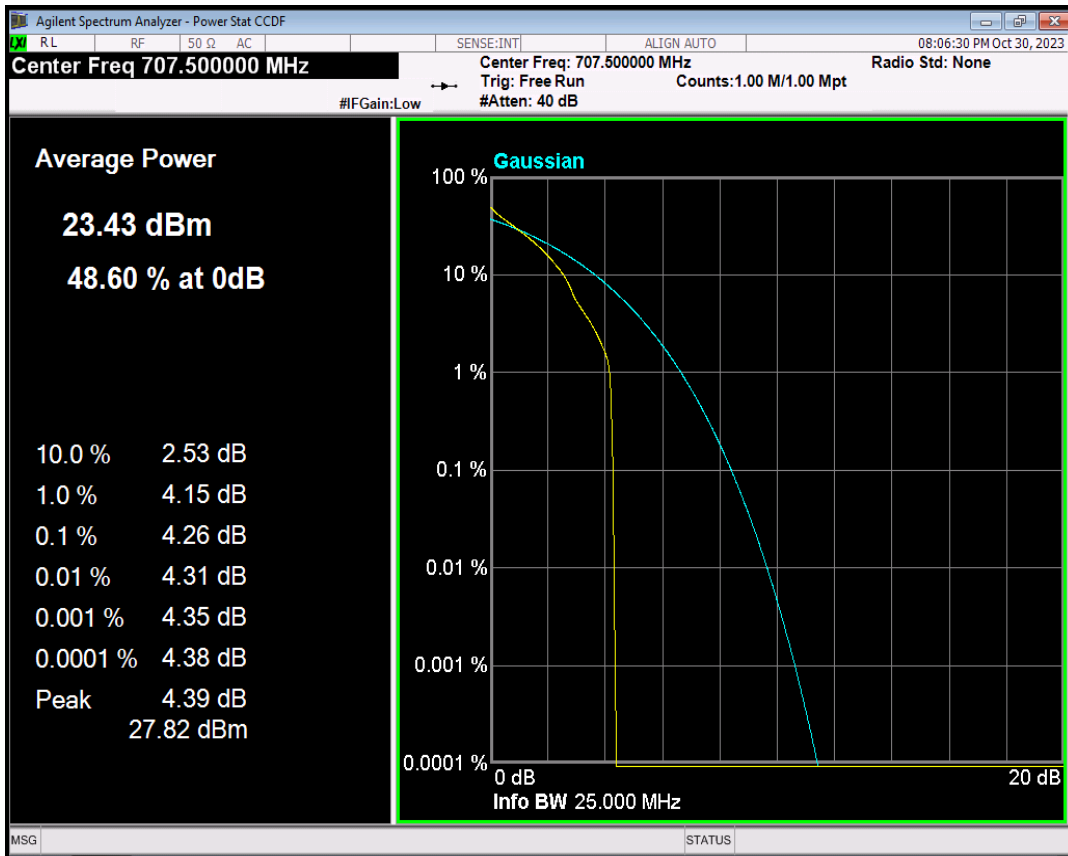
Band12 QPSK BW=5MHz Channel=23035 RB Size=1 Position=#0



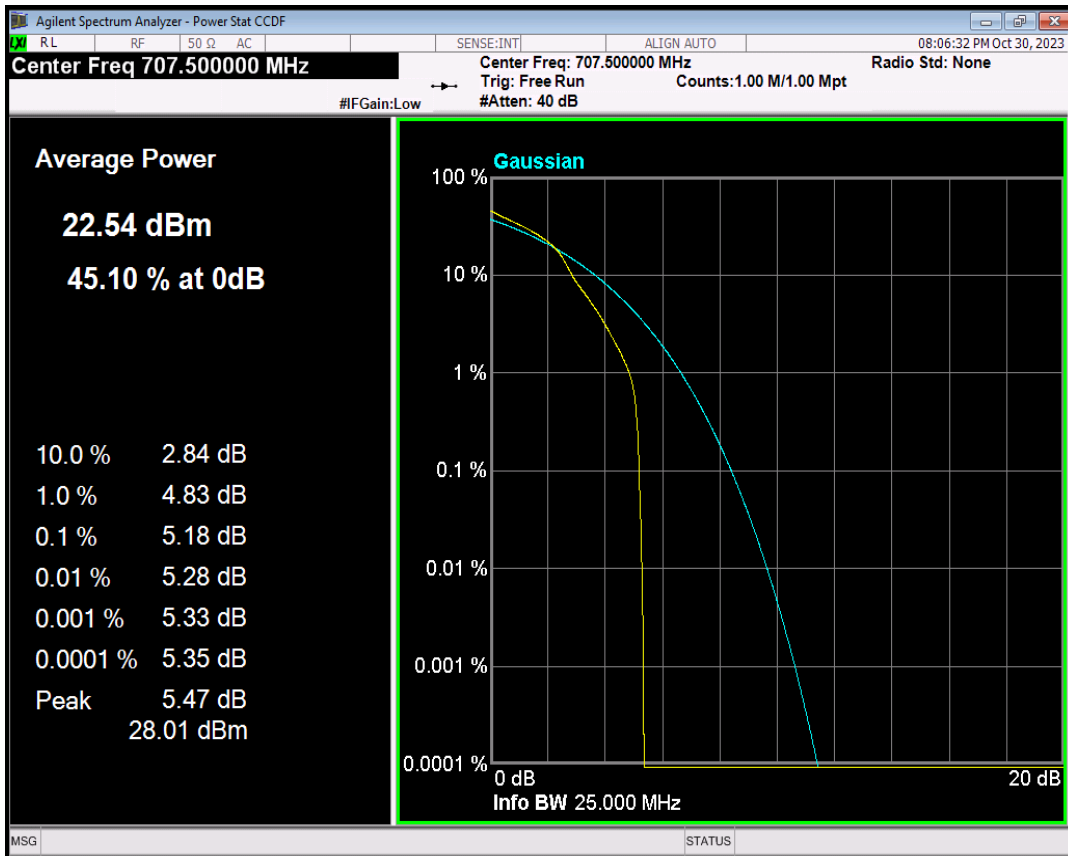
Band12 16QAM BW=5MHz Channel=23035 RB Size=1 Position=#0



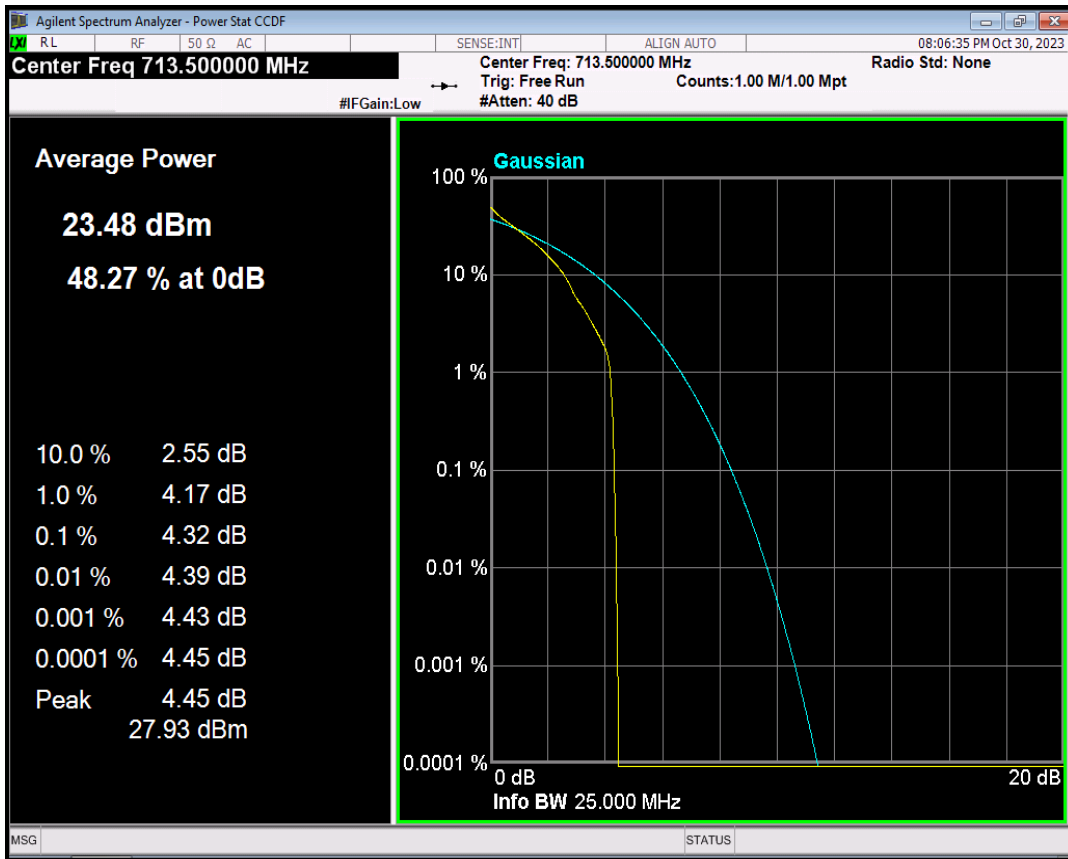
Band12 QPSK BW=5MHz Channel=23095 RB Size=1 Position=#0



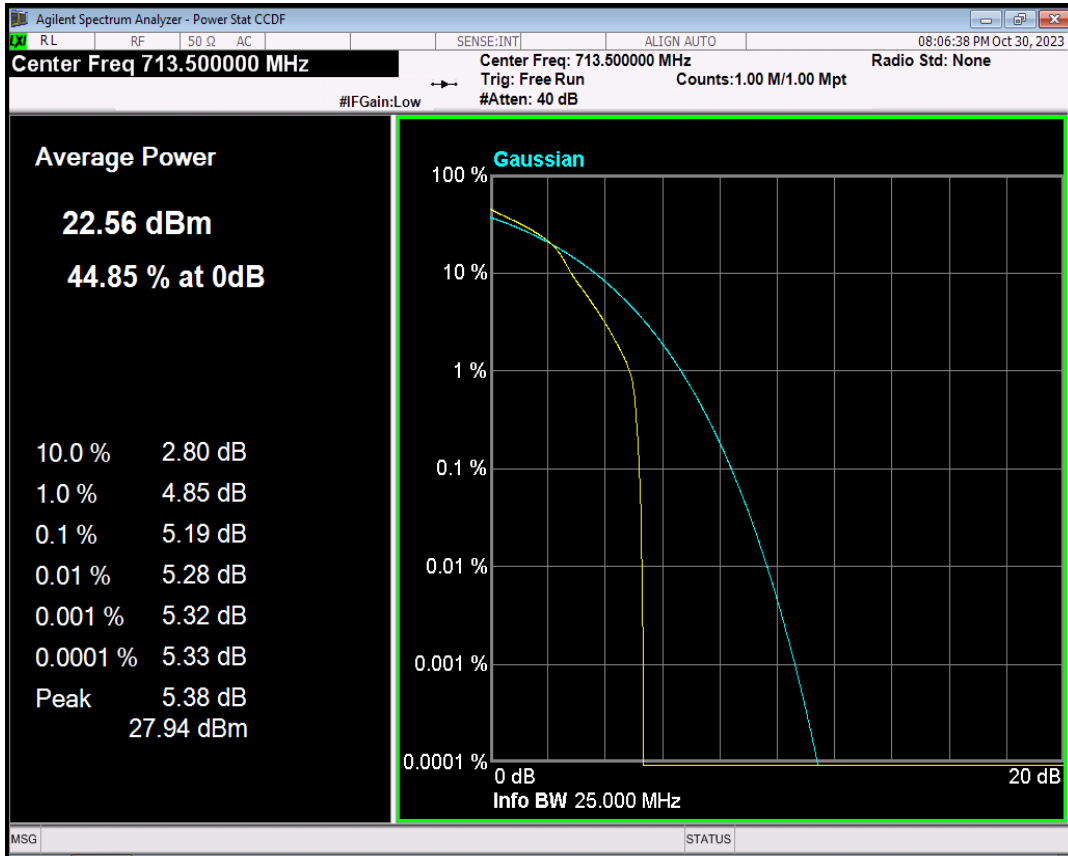
Band12 16QAM BW=5MHz Channel=23095 RB Size=1 Position=#0



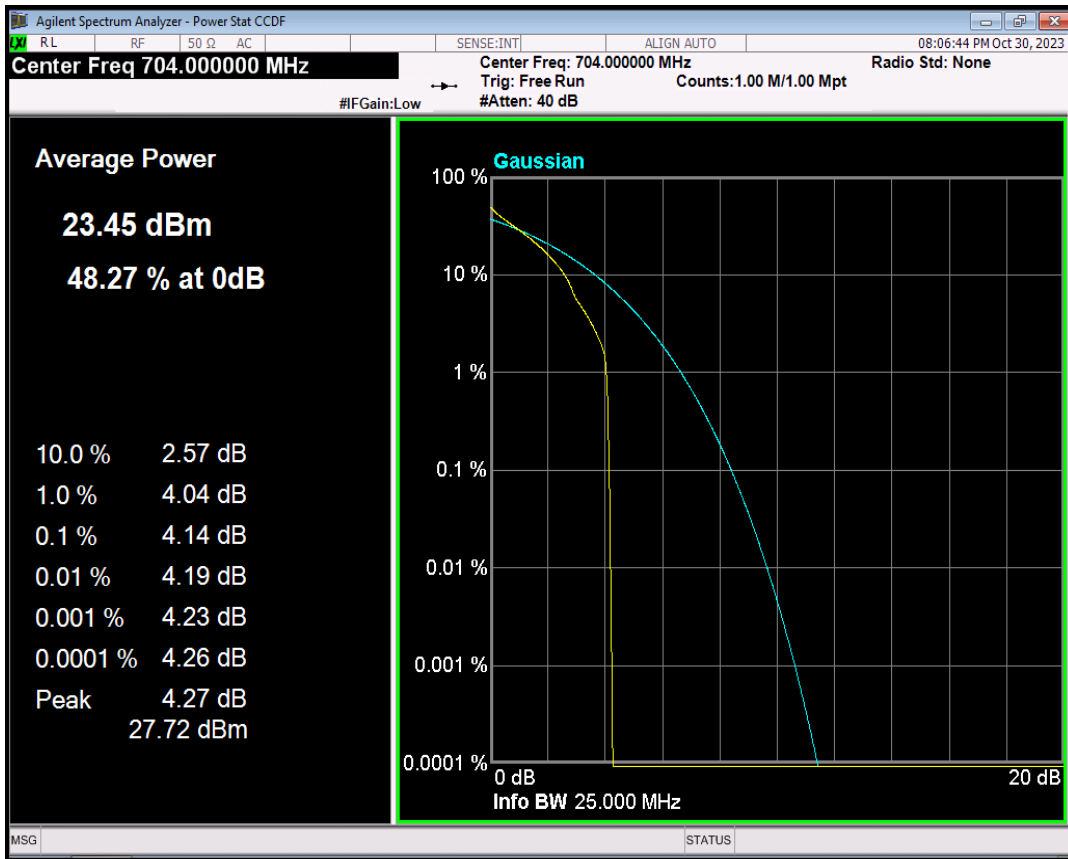
Band12 QPSK BW=5MHz Channel=23155 RB Size=1 Position=#0



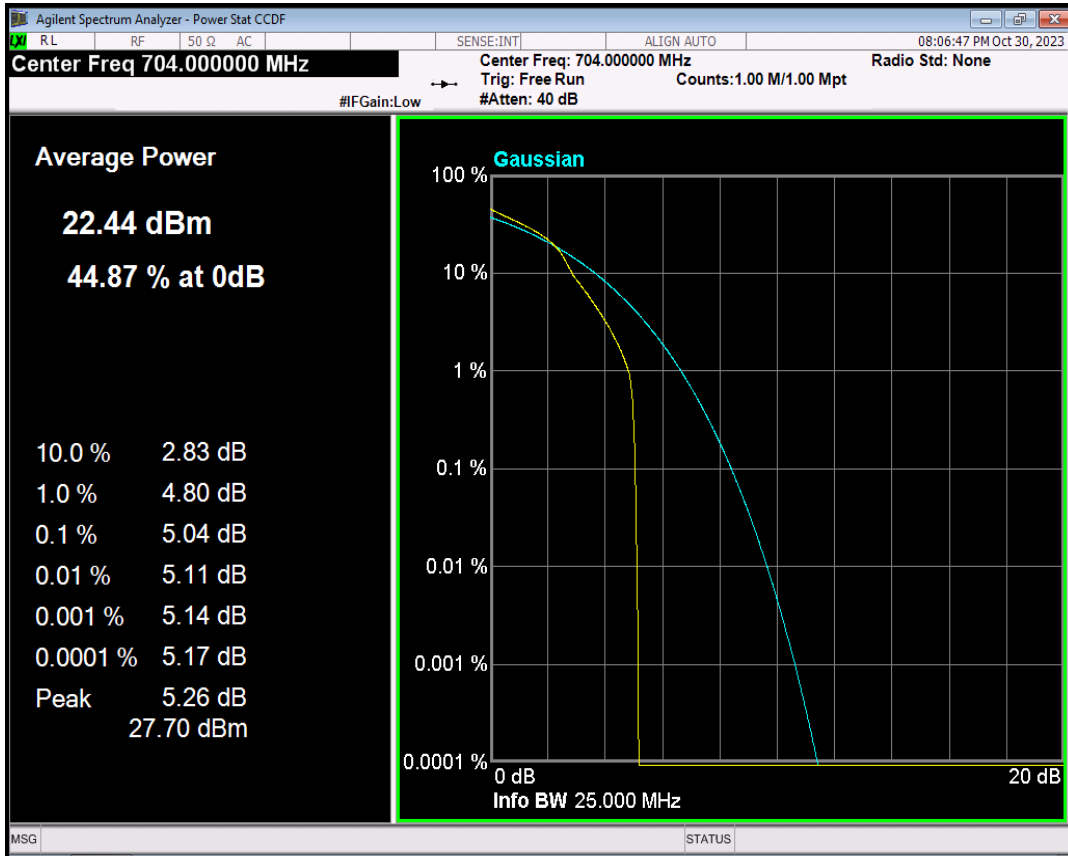
Band12 16QAM BW=5MHz Channel=23155 RB Size=1 Position=#0



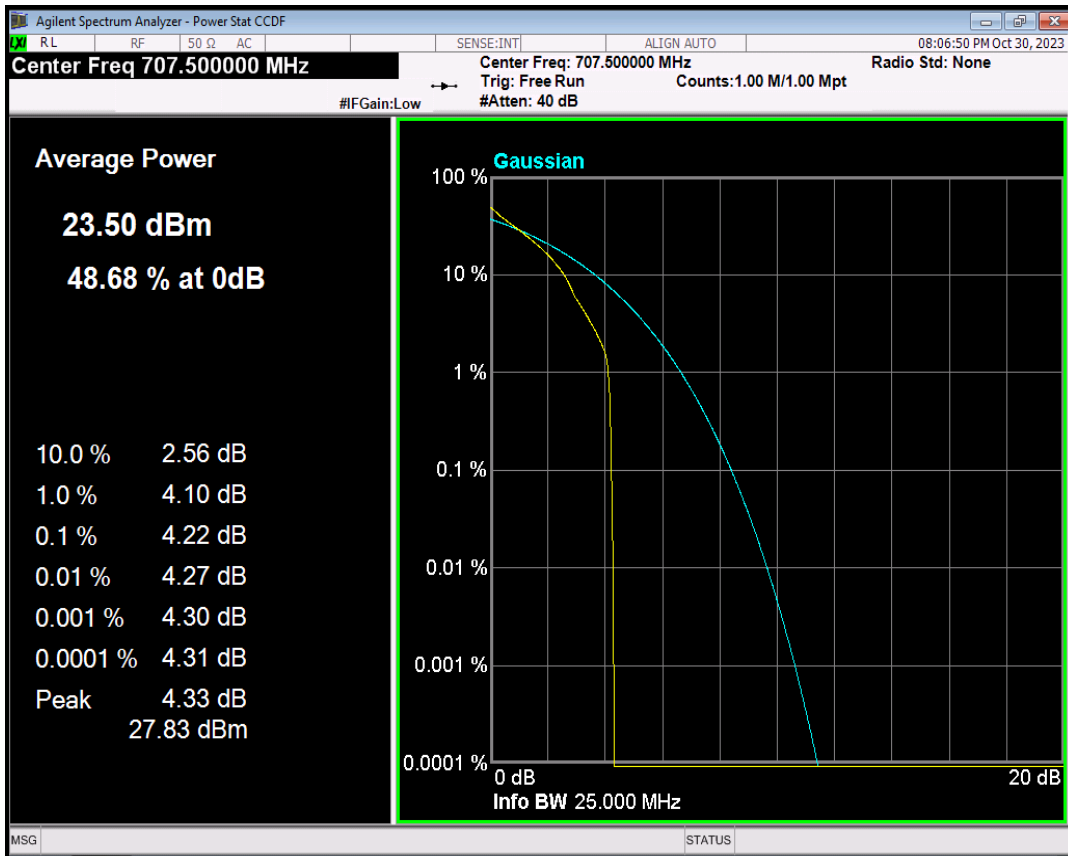
Band12 QPSK BW=10MHz Channel=23060 RB Size=1 Position=#0



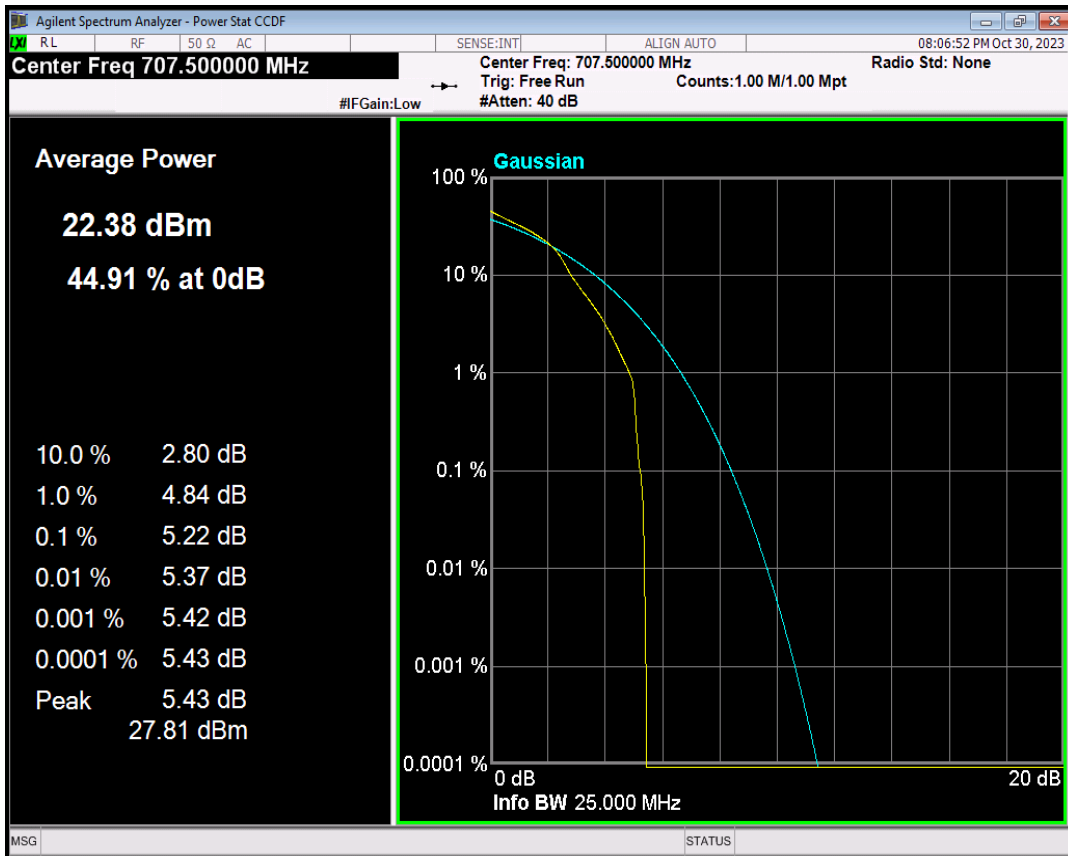
Band12 16QAM BW=10MHz Channel=23060 RB Size=1 Position=#0



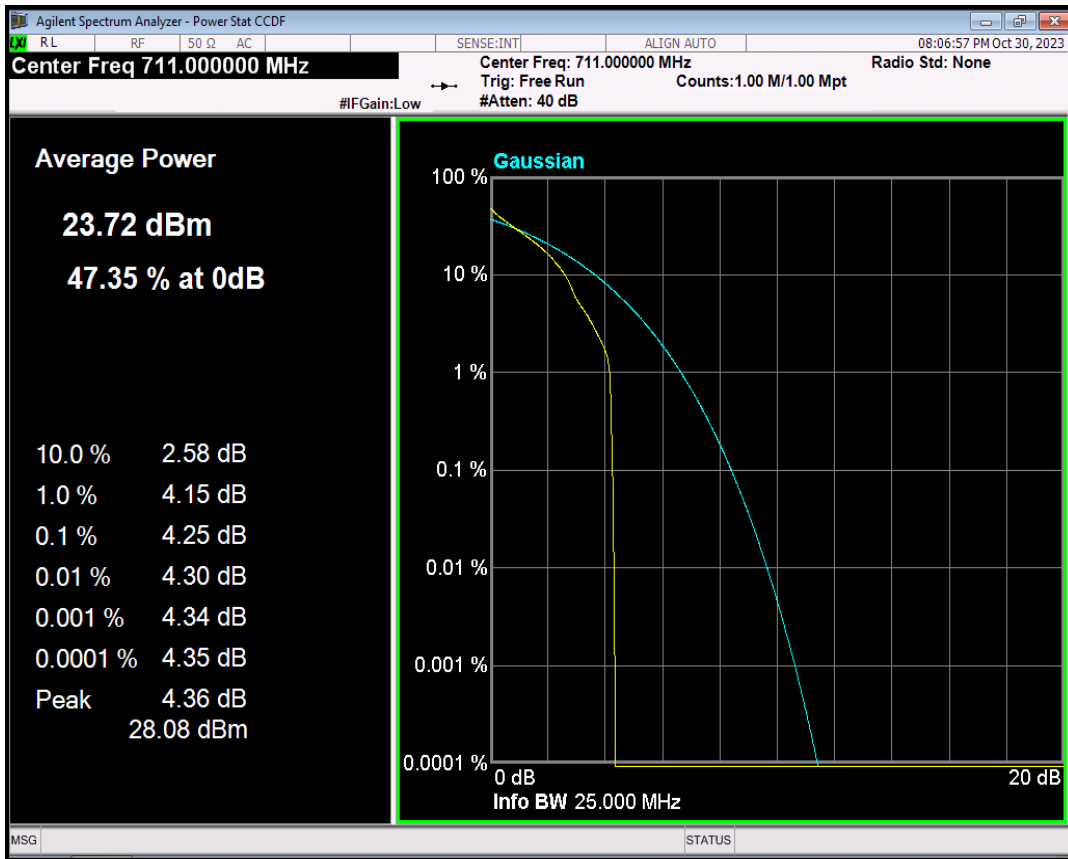
Band12 QPSK BW=10MHz Channel=23095 RB Size=1 Position=#0



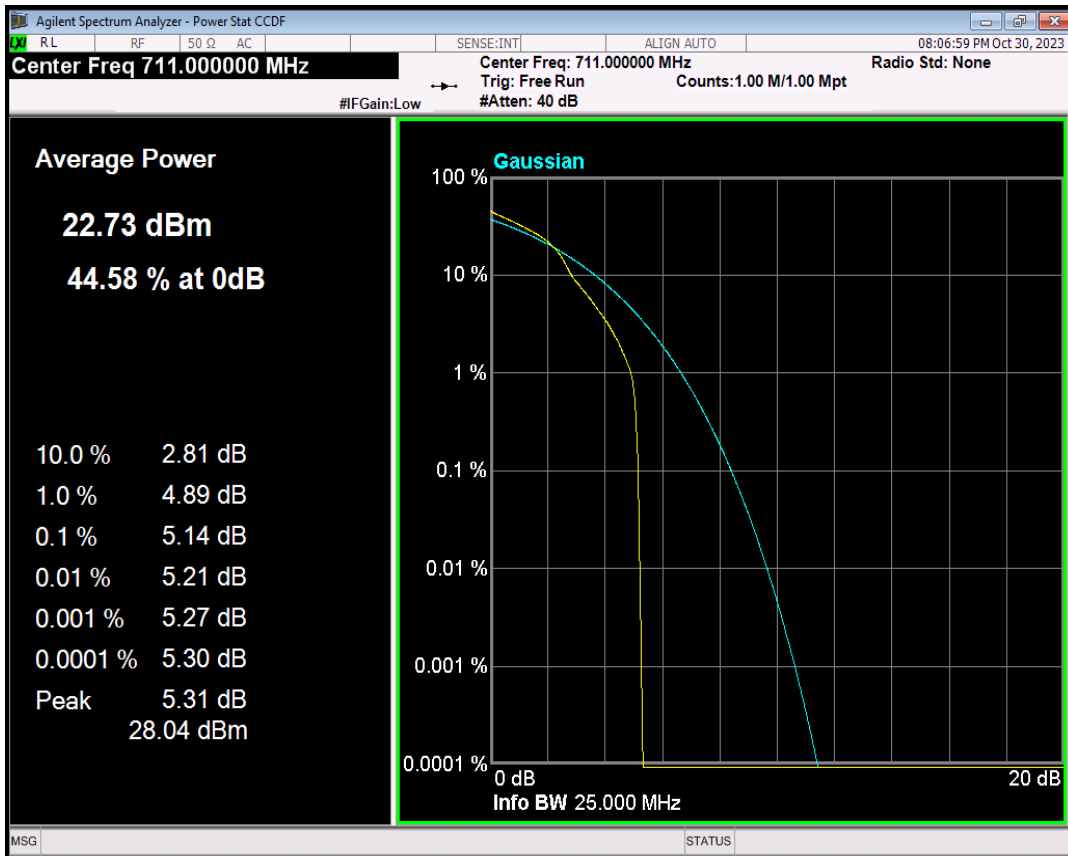
Band12 16QAM BW=10MHz Channel=23095 RB Size=1 Position=#0



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



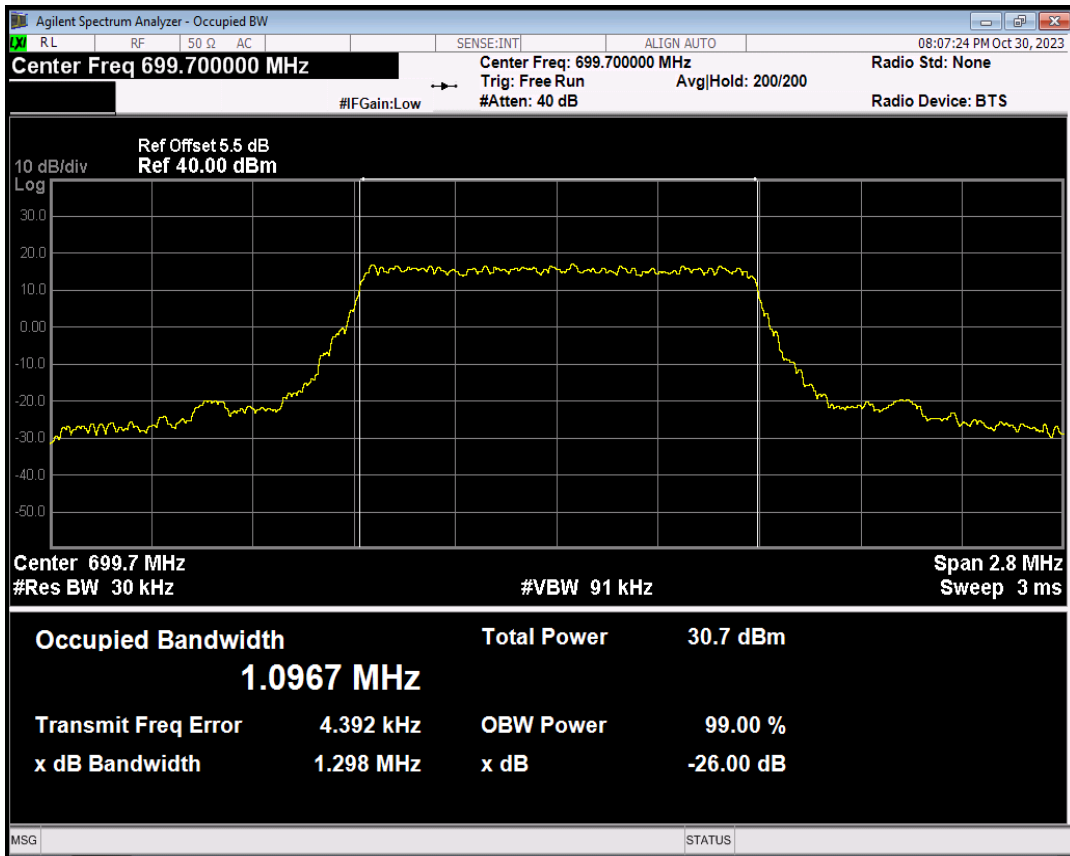
Band12 16QAM BW=10MHz Channel=23130 RB Size=1 Position=#0



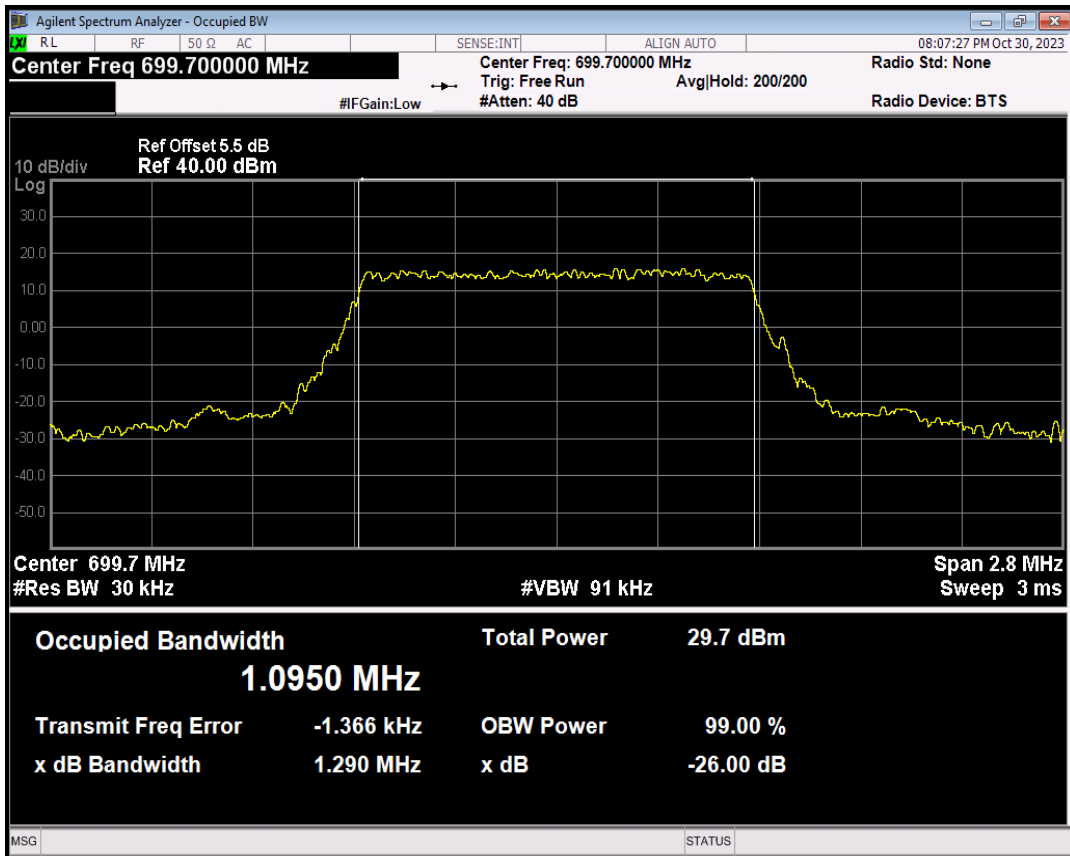
Appendix 4. Occupied bandwidth

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
Band12	1.4	23017	6	#0	QPSK	1.097	1.298	PASS
Band12	1.4	23017	6	#0	16QAM	1.095	1.290	PASS
Band12	1.4	23095	6	#0	QPSK	1.093	1.268	PASS
Band12	1.4	23095	6	#0	16QAM	1.094	1.281	PASS
Band12	1.4	23173	6	#0	QPSK	1.096	1.277	PASS
Band12	1.4	23173	6	#0	16QAM	1.097	1.311	PASS
Band12	3	23025	15	#0	QPSK	2.713	2.972	PASS
Band12	3	23025	15	#0	16QAM	2.687	2.966	PASS
Band12	3	23095	15	#0	QPSK	2.705	2.986	PASS
Band12	3	23095	15	#0	16QAM	2.696	2.980	PASS
Band12	3	23165	15	#0	QPSK	2.700	2.962	PASS
Band12	3	23165	15	#0	16QAM	2.711	2.963	PASS
Band12	5	23035	25	#0	QPSK	4.507	4.910	PASS
Band12	5	23035	25	#0	16QAM	4.499	4.940	PASS
Band12	5	23095	25	#0	QPSK	4.503	4.966	PASS
Band12	5	23095	25	#0	16QAM	4.500	4.982	PASS
Band12	5	23155	25	#0	QPSK	4.512	4.925	PASS
Band12	5	23155	25	#0	16QAM	4.528	4.964	PASS
Band12	10	23060	50	#0	QPSK	9.005	9.726	PASS
Band12	10	23060	50	#0	16QAM	9.007	9.788	PASS
Band12	10	23095	50	#0	QPSK	8.927	9.799	PASS
Band12	10	23095	50	#0	16QAM	8.935	9.742	PASS
Band12	10	23130	50	#0	QPSK	8.995	9.861	PASS
Band12	10	23130	50	#0	16QAM	9.007	9.787	PASS

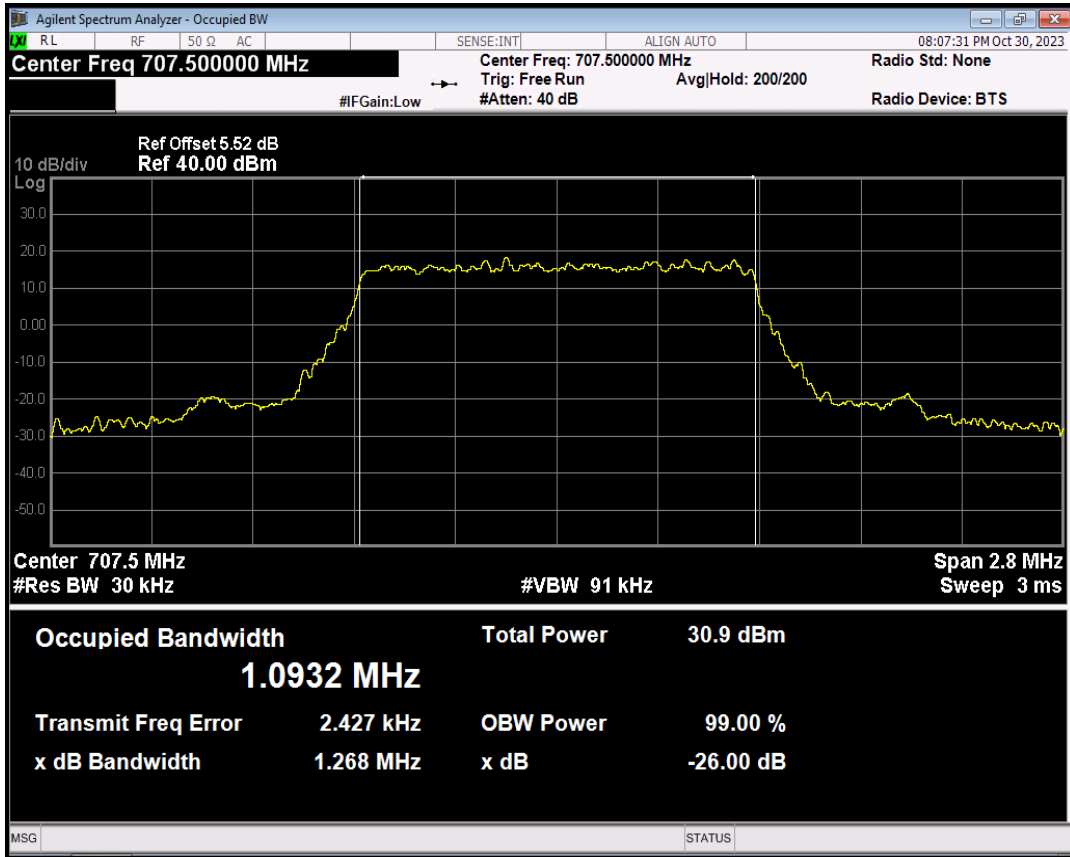
Band12 QPSK BW=1.4MHz Channel=23017 RB Size=6 Position=#0



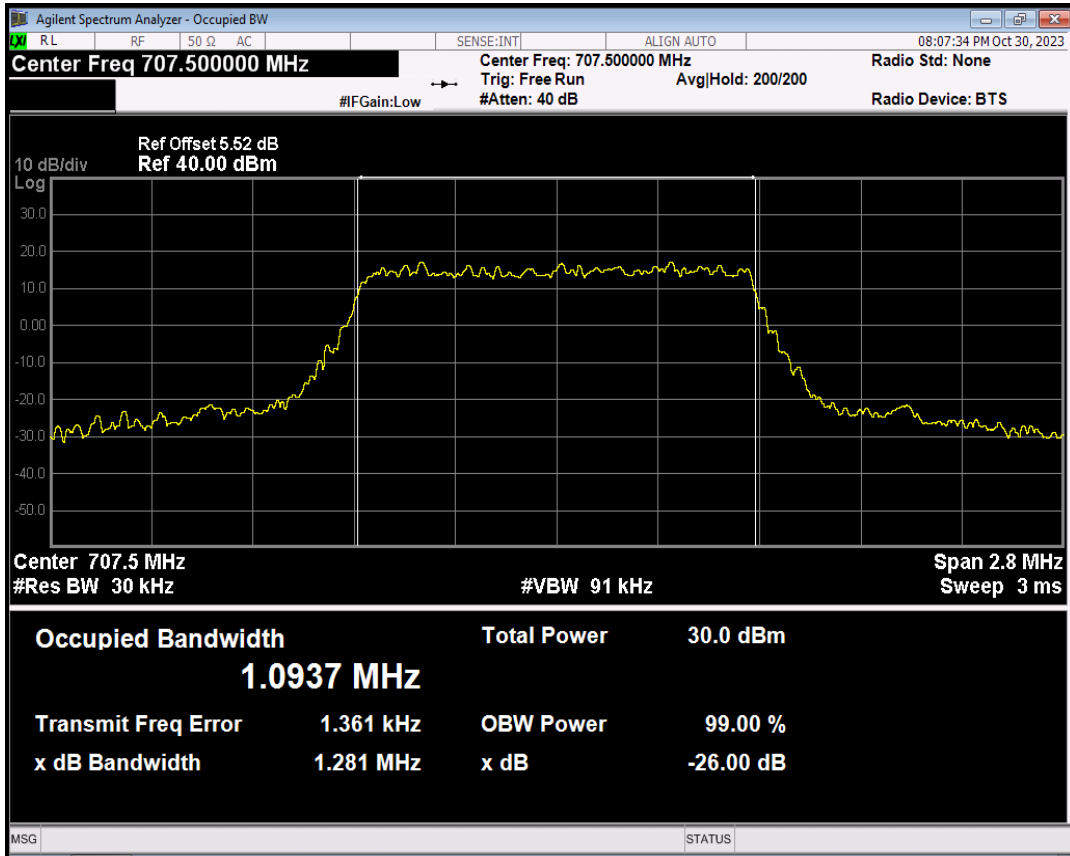
Band12 16QAM BW=1.4MHz Channel=23017 RB Size=6 Position=#0



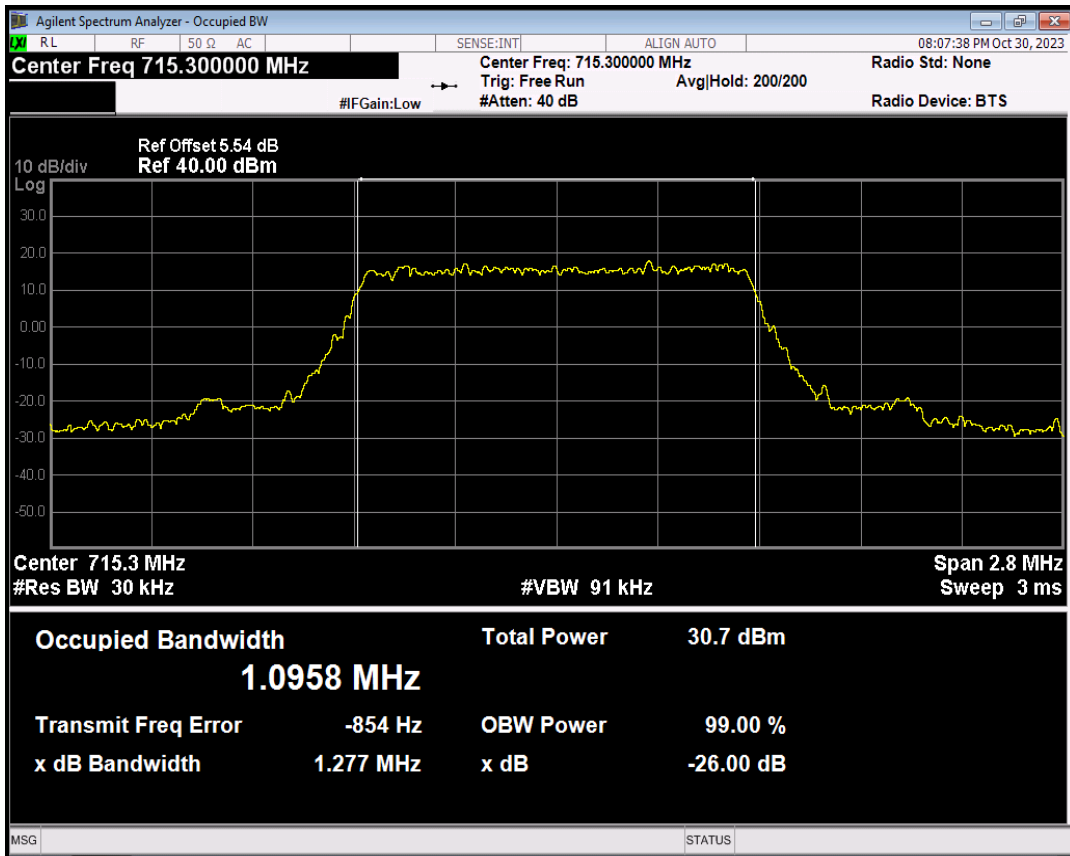
Band12 QPSK BW=1.4MHz Channel=23095 RB Size=6 Position=#0



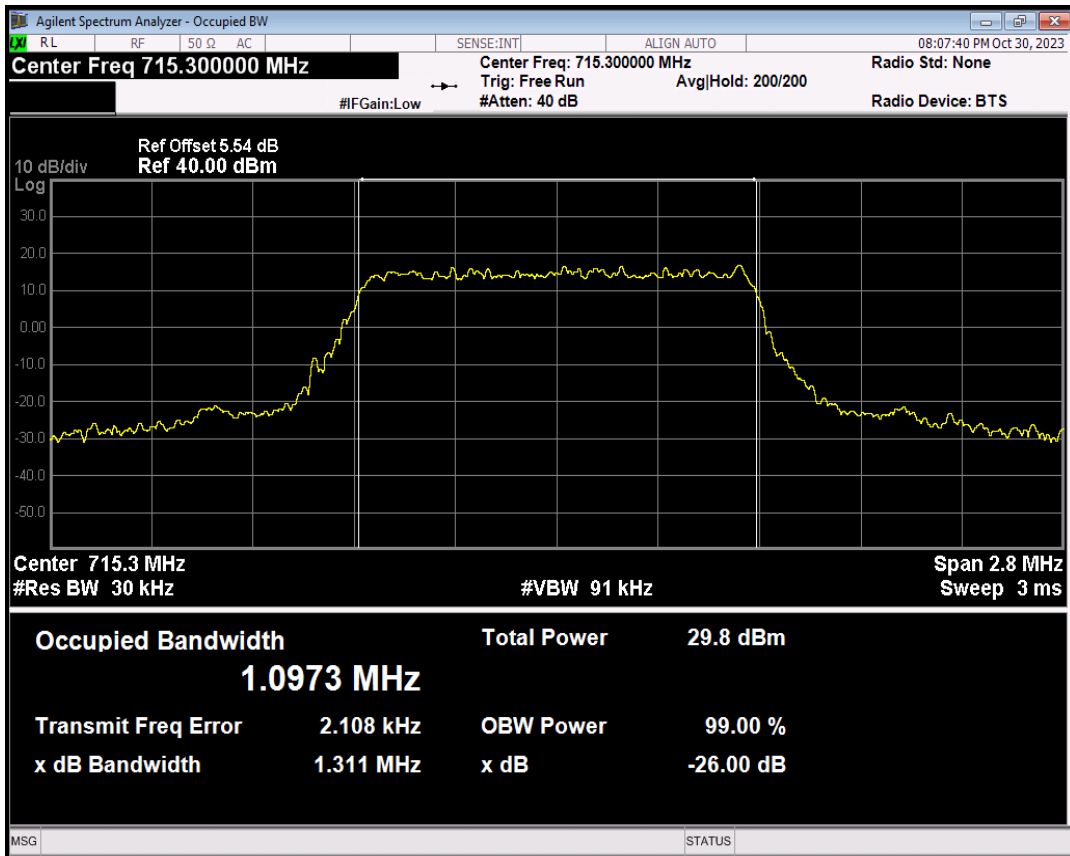
Band12 16QAM BW=1.4MHz Channel=23095 RB Size=6 Position=#0



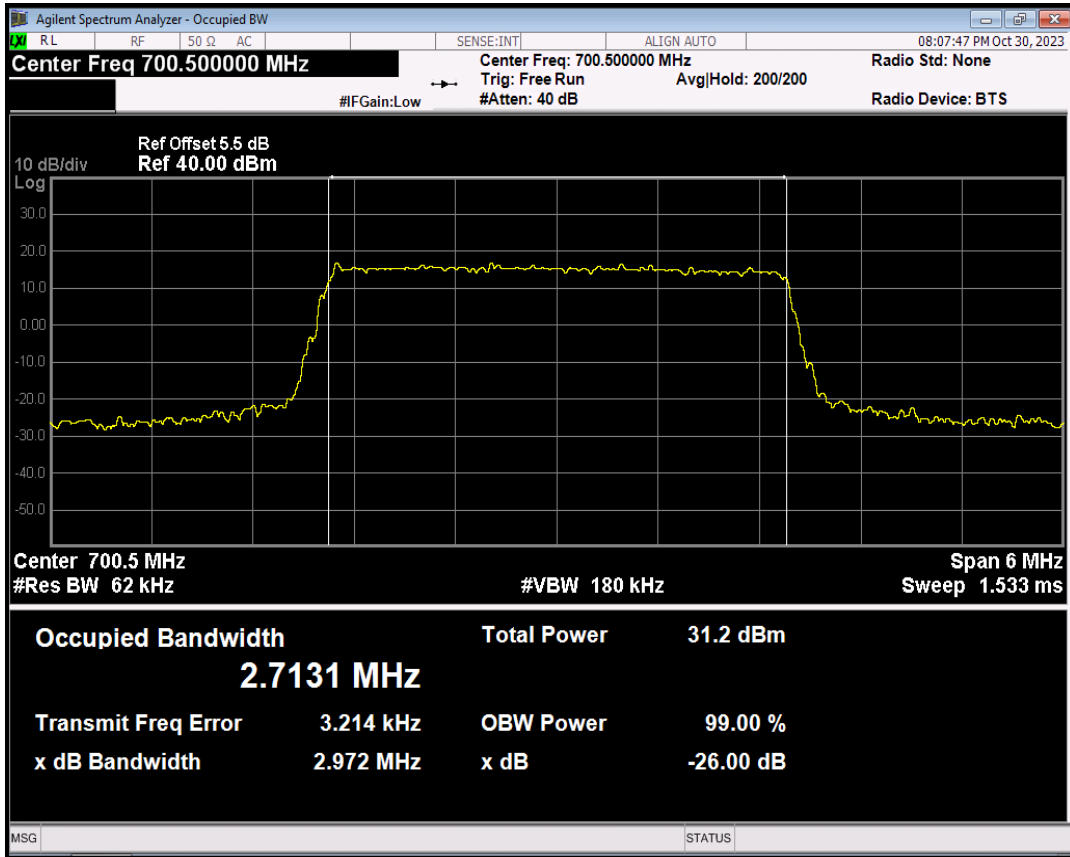
Band12 QPSK BW=1.4MHz Channel=23173 RB Size=6 Position=#0



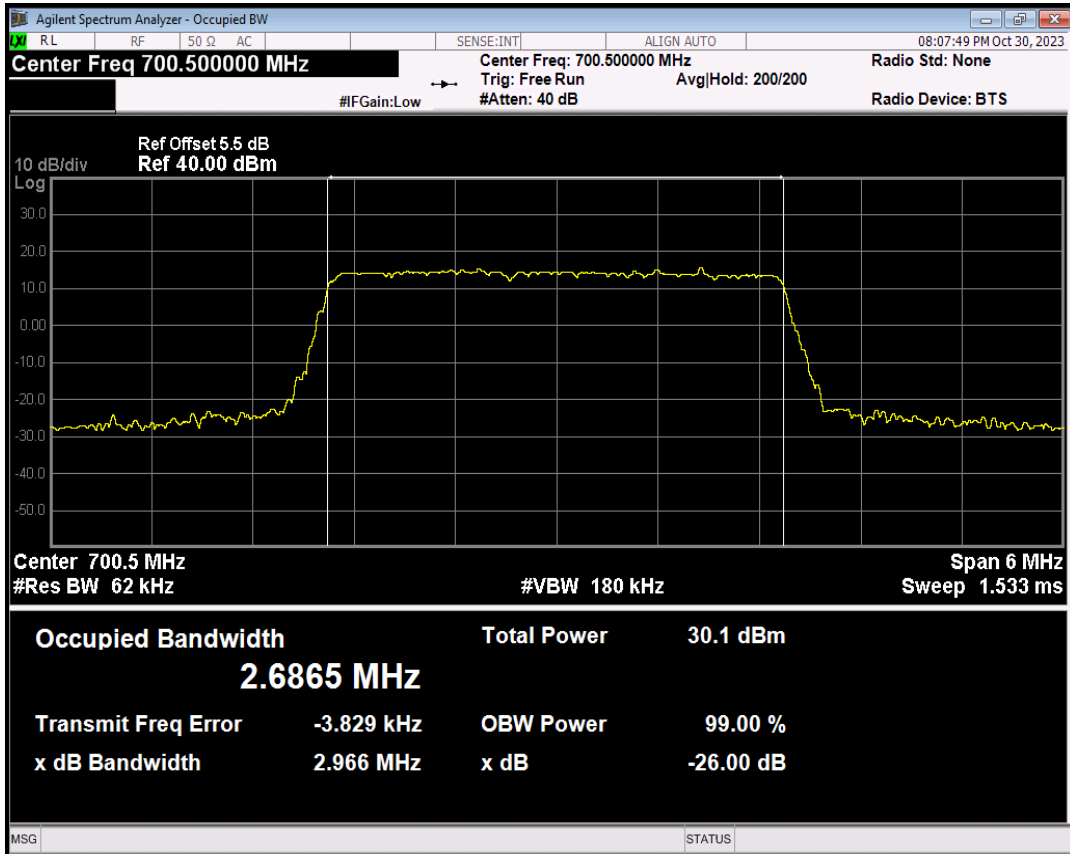
Band12 16QAM BW=1.4MHz Channel=23173 RB Size=6 Position=#0



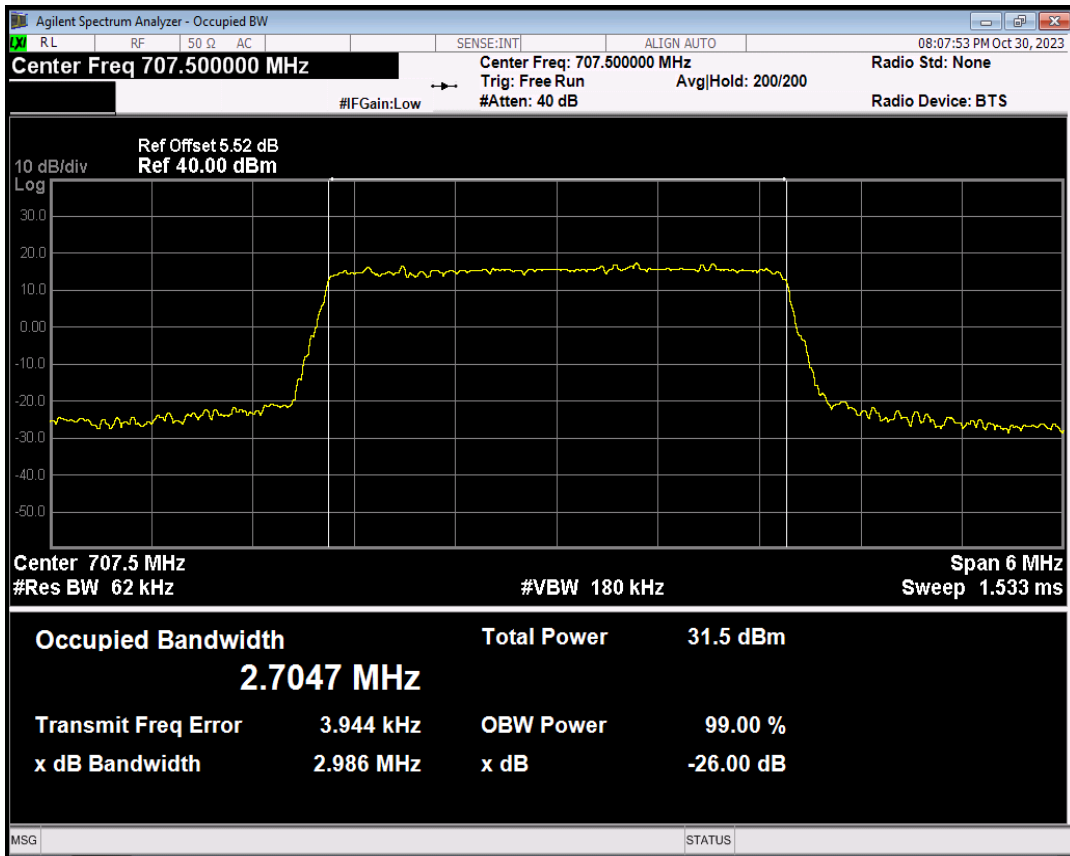
Band12 QPSK BW=3MHz Channel=23025 RB Size=15 Position=#0



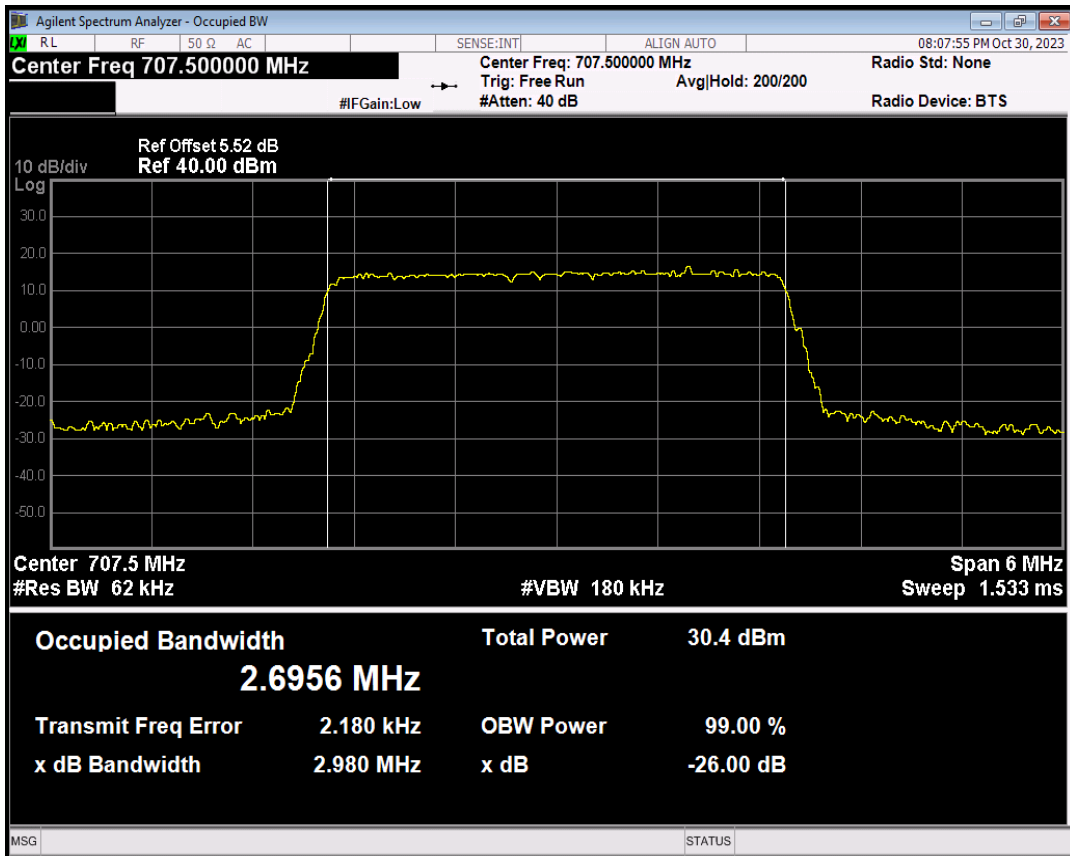
Band12 16QAM BW=3MHz Channel=23025 RB Size=15 Position=#0



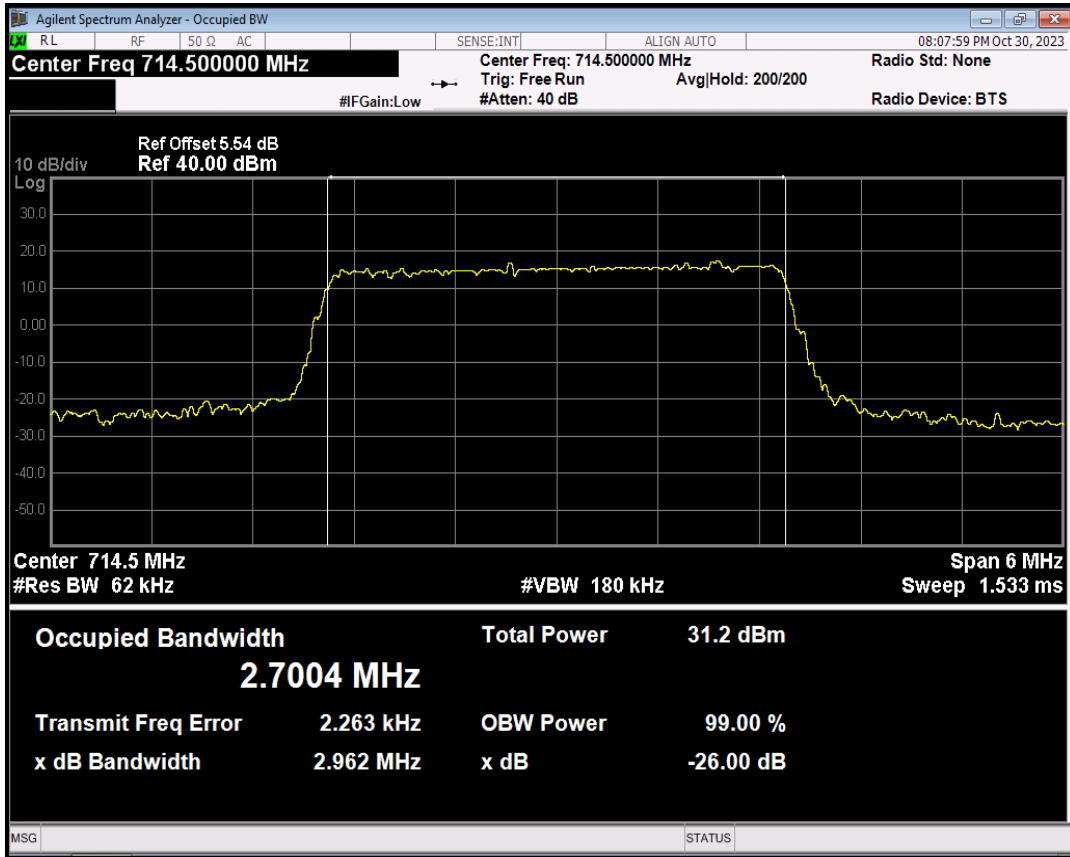
Band12 QPSK BW=3MHz Channel=23095 RB Size=15 Position=#0



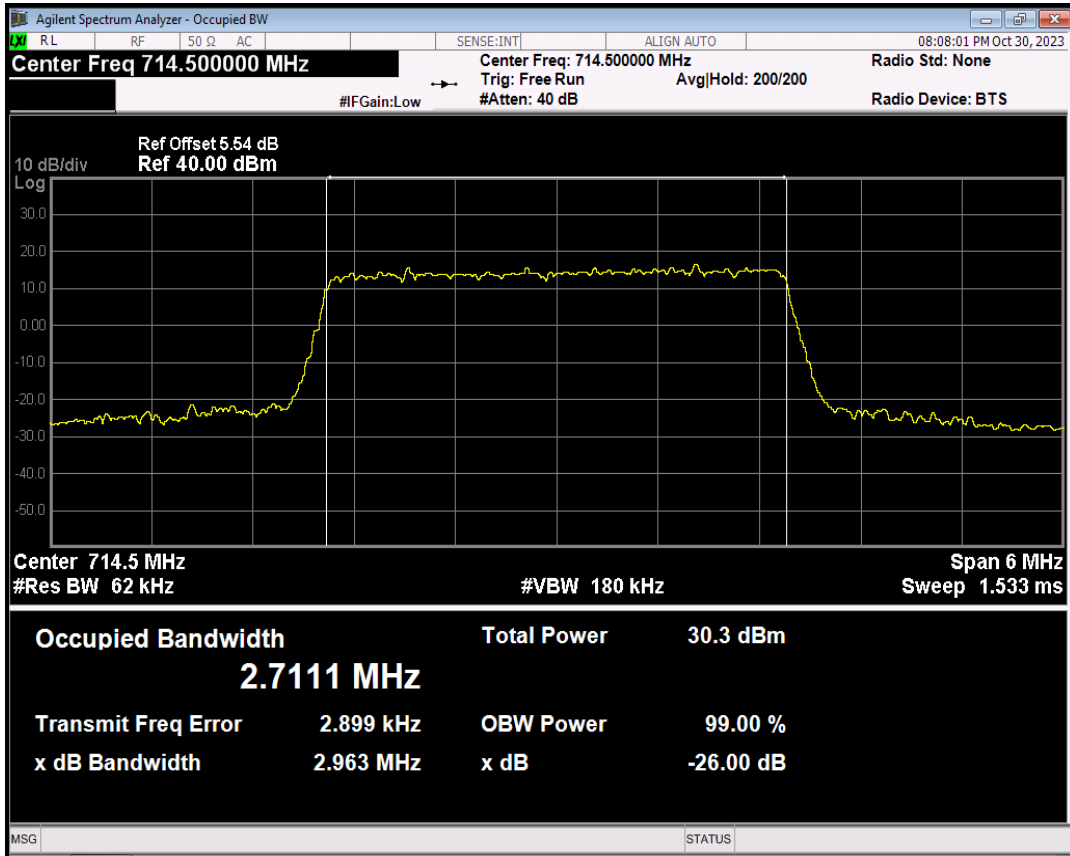
Band12 16QAM BW=3MHz Channel=23095 RB Size=15 Position=#0



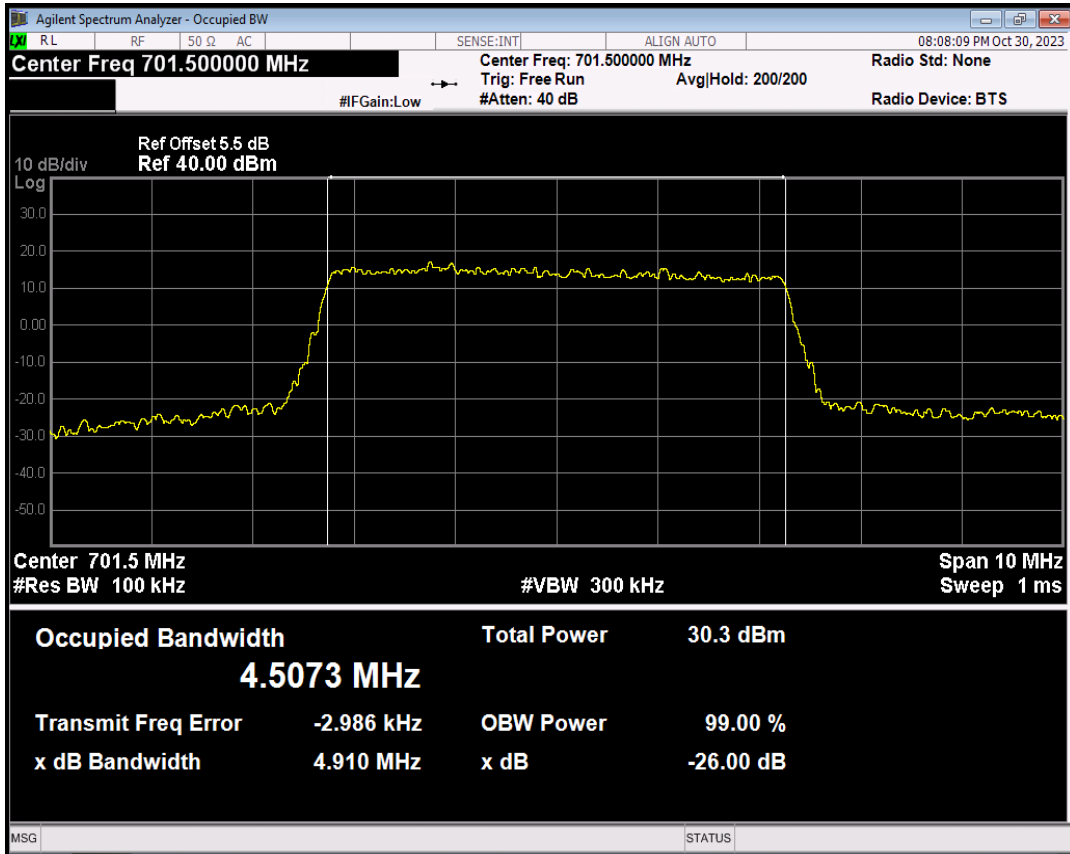
Band12 QPSK BW=3MHz Channel=23165 RB Size=15 Position=#0



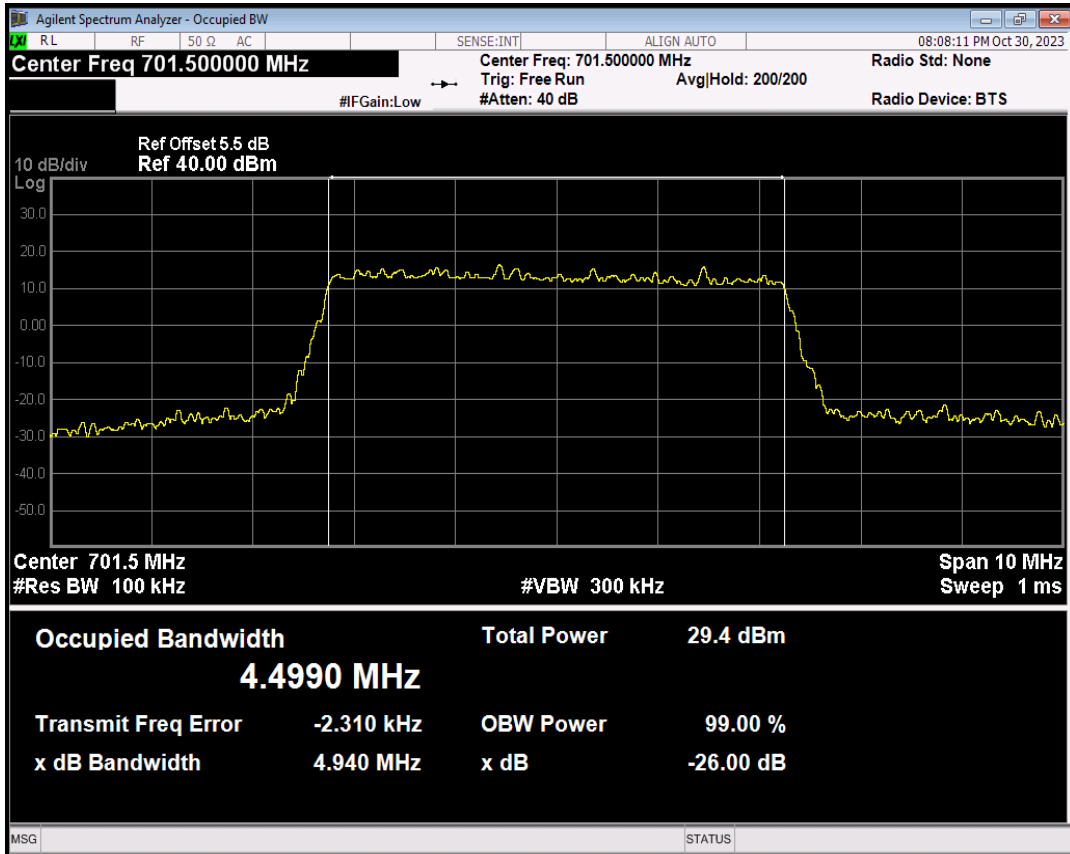
Band12 16QAM BW=3MHz Channel=23165 RB Size=15 Position=#0



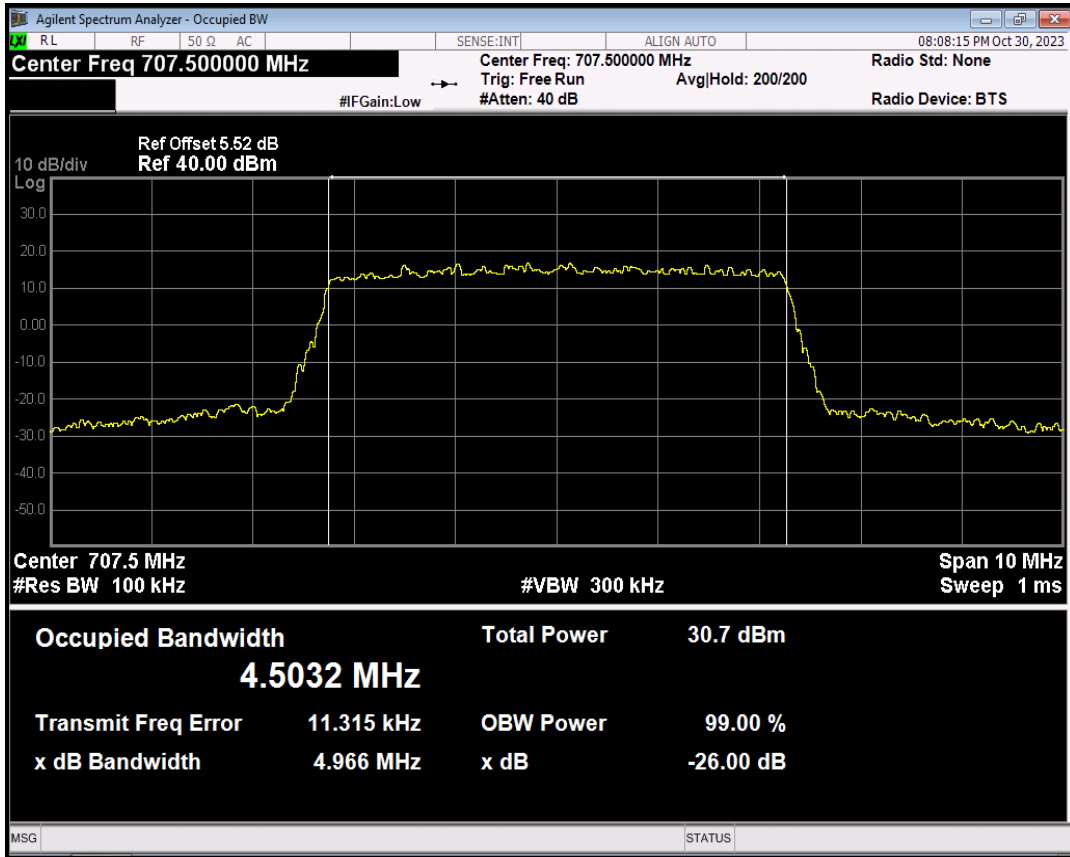
Band12 QPSK BW=5MHz Channel=23035 RB Size=25 Position=#0



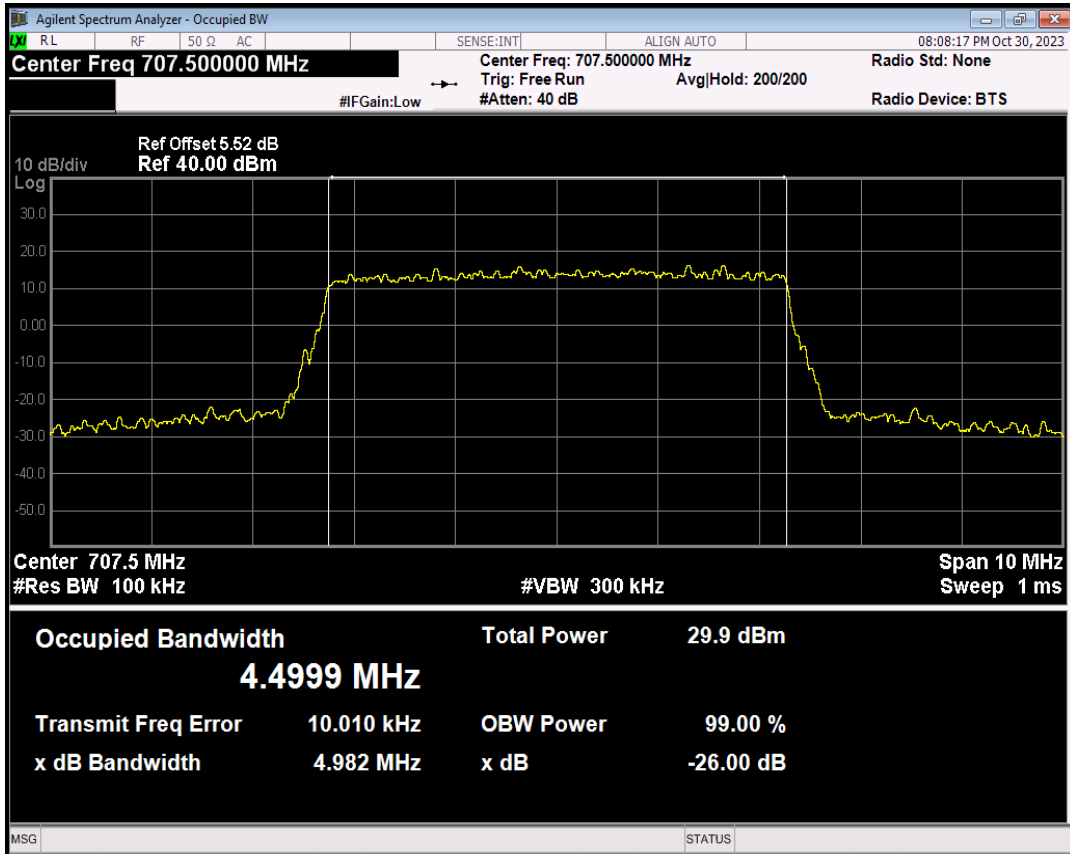
Band12 16QAM BW=5MHz Channel=23035 RB Size=25 Position=#0



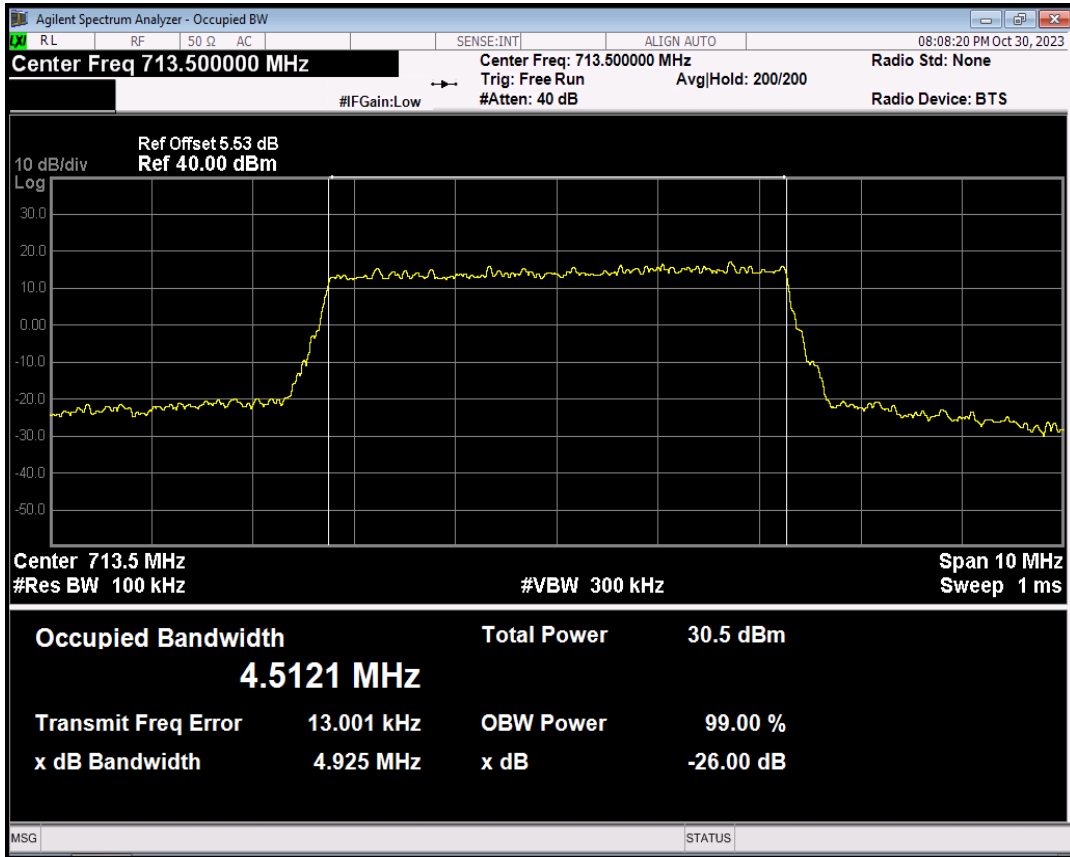
Band12 QPSK BW=5MHz Channel=23095 RB Size=25 Position=#0



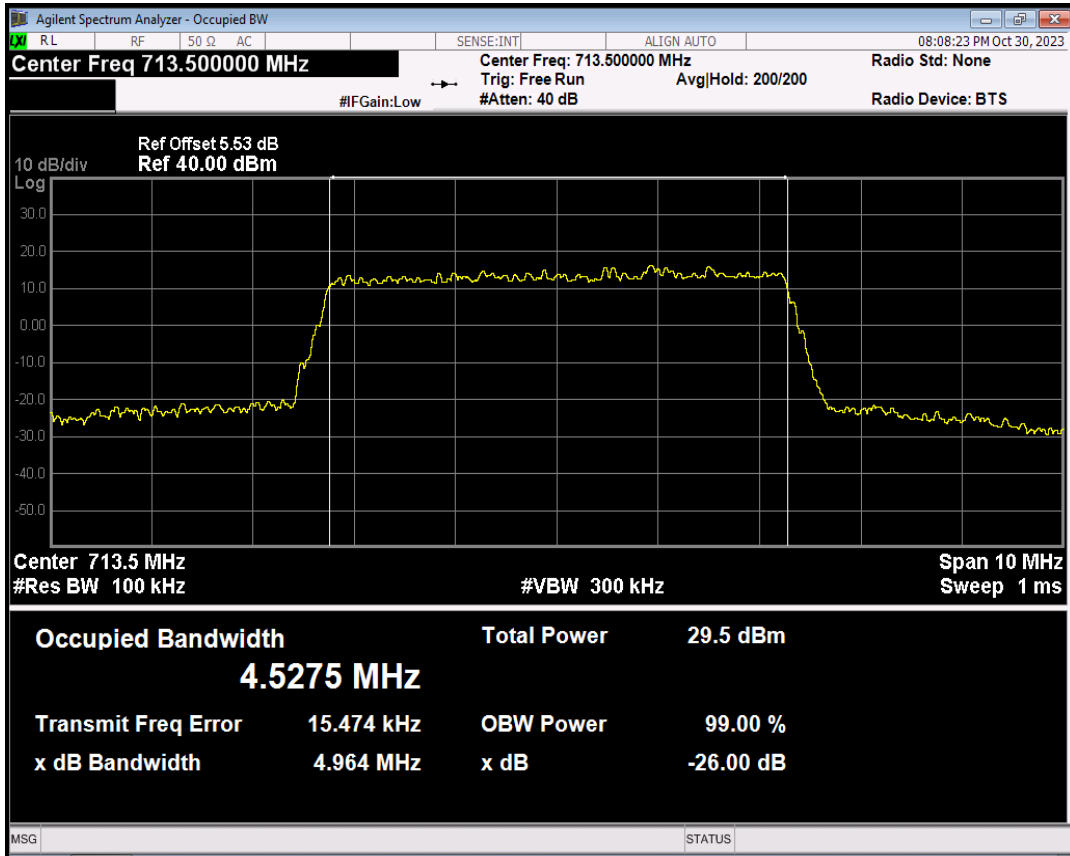
Band12 16QAM BW=5MHz Channel=23095 RB Size=25 Position=#0



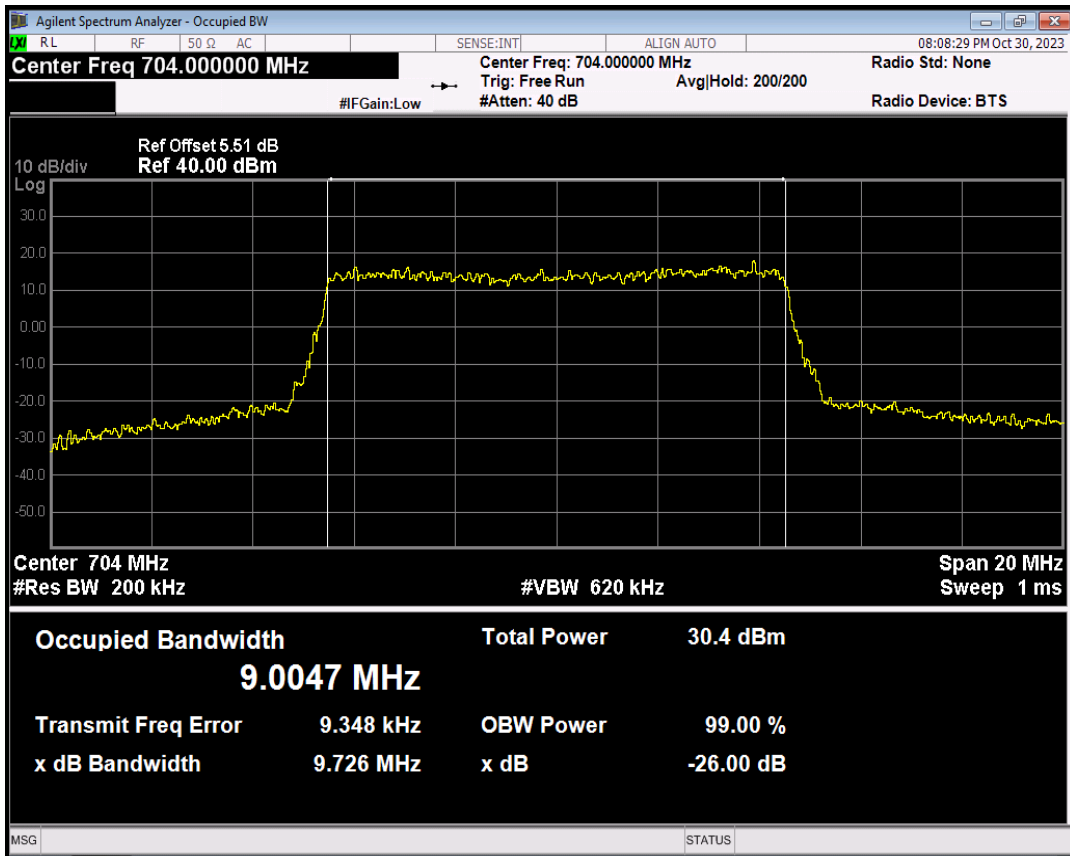
Band12 QPSK BW=5MHz Channel=23155 RB Size=25 Position=#0



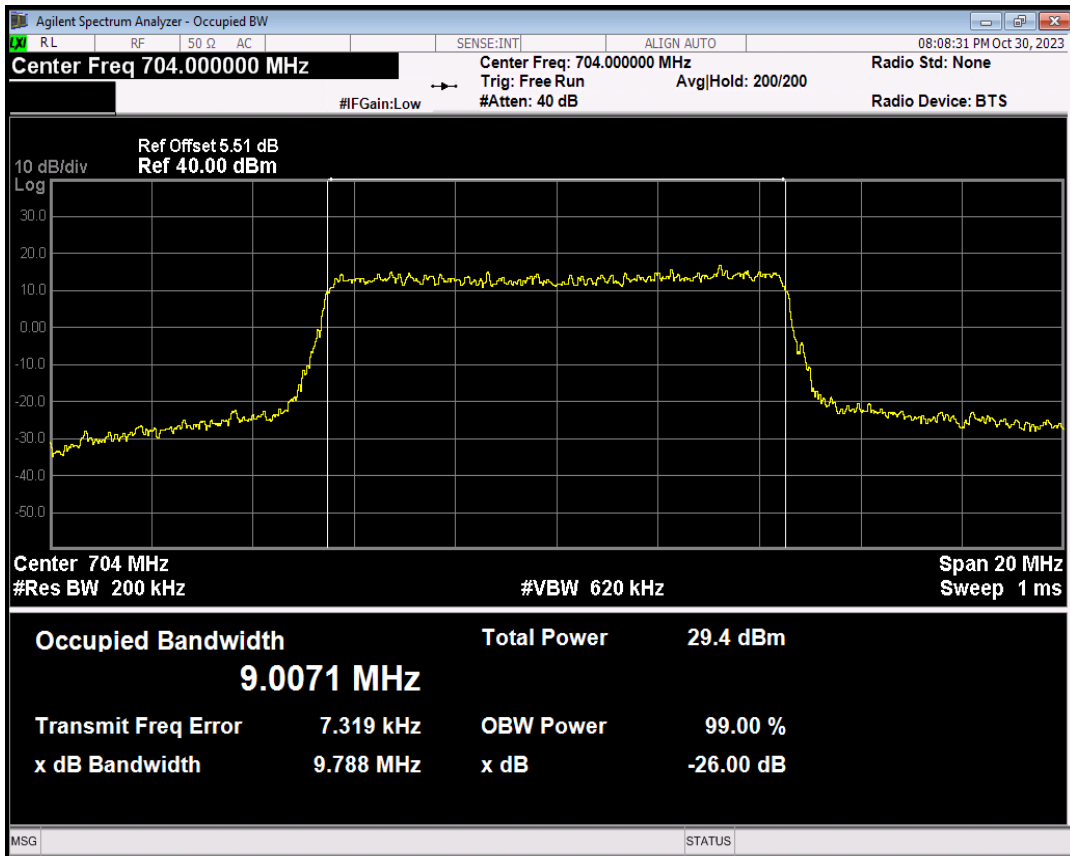
Band12 16QAM BW=5MHz Channel=23155 RB Size=25 Position=#0



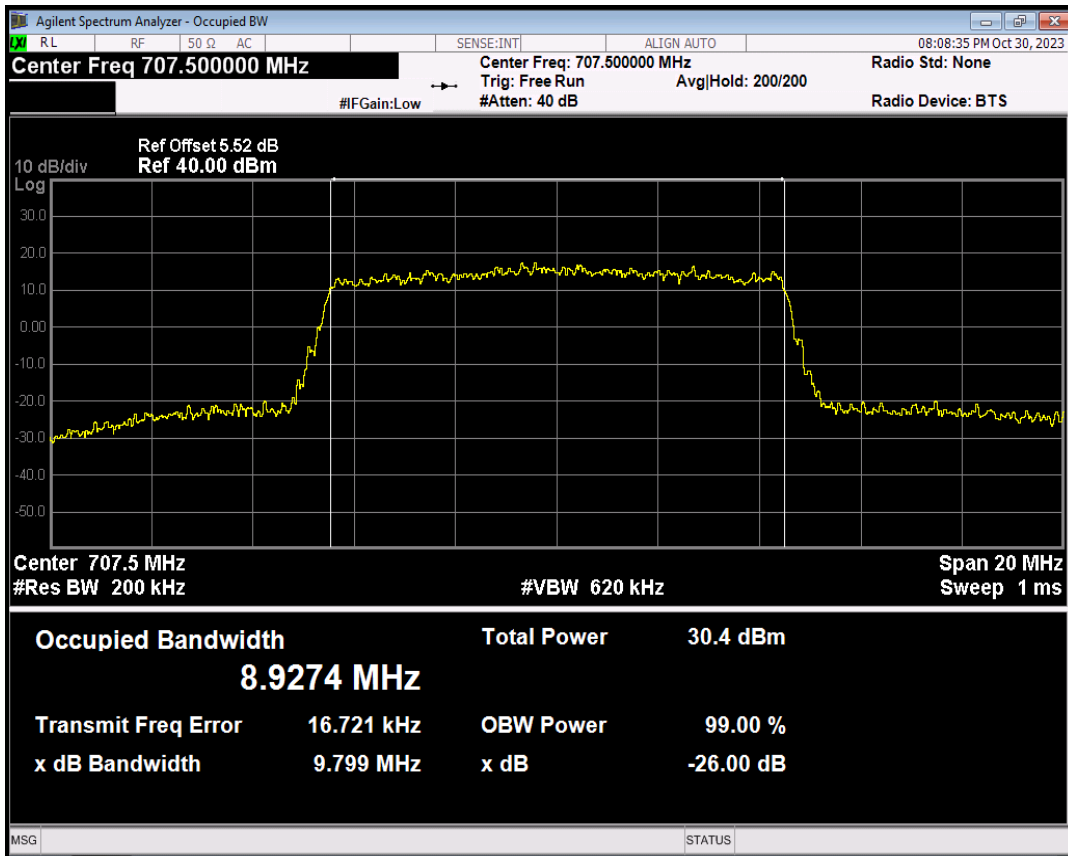
Band12 QPSK BW=10MHz Channel=23060 RB Size=50 Position=#0



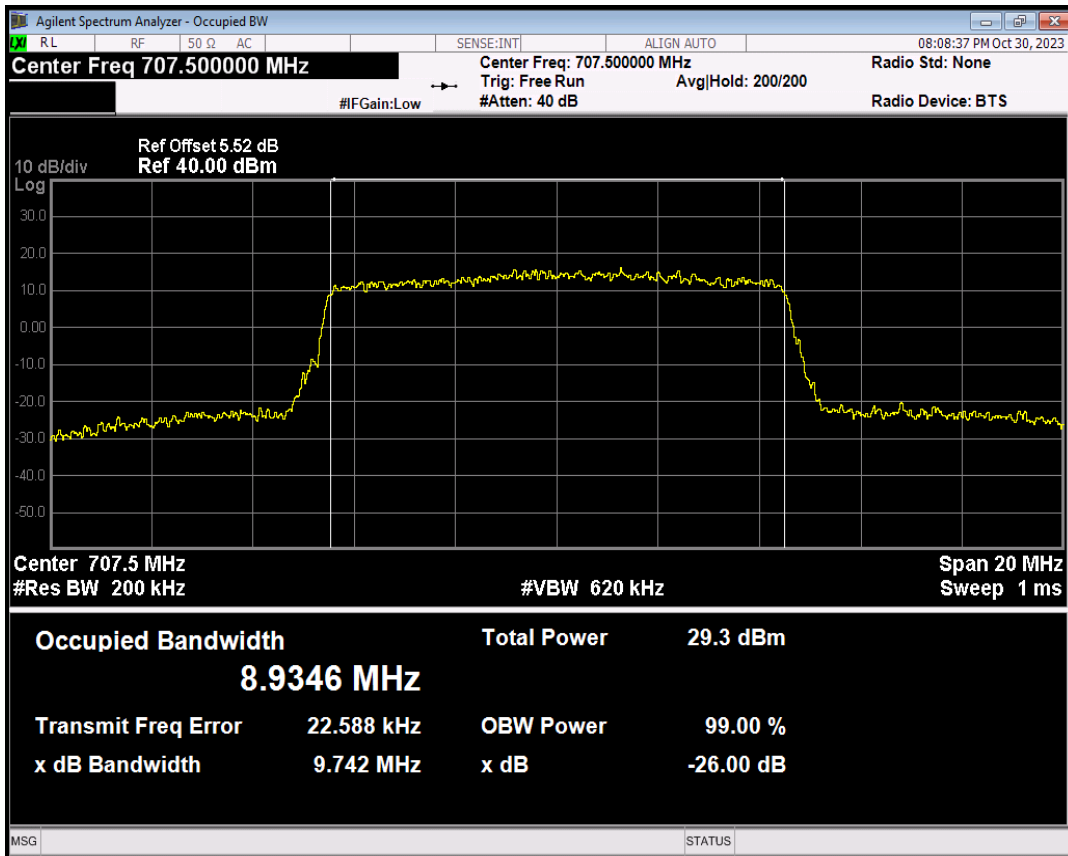
Band12 16QAM BW=10MHz Channel=23060 RB Size=50 Position=#0



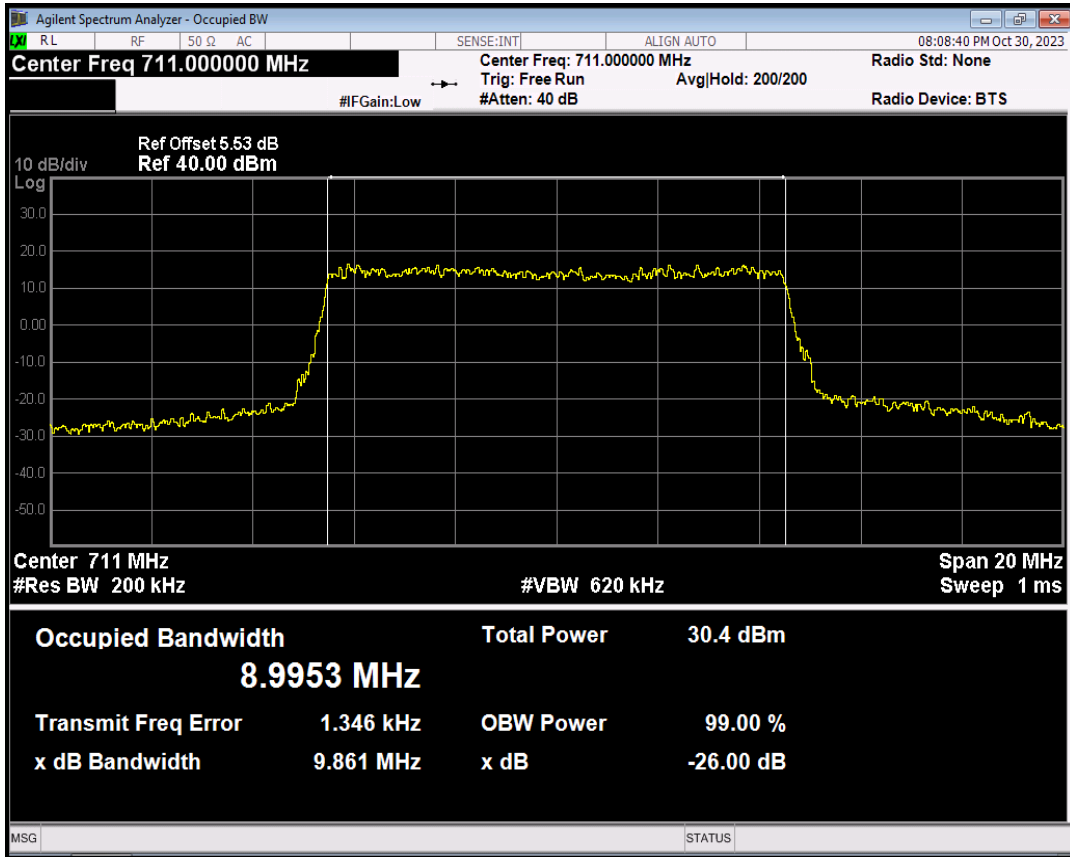
Band12 QPSK BW=10MHz Channel=23095 RB Size=50 Position=#0



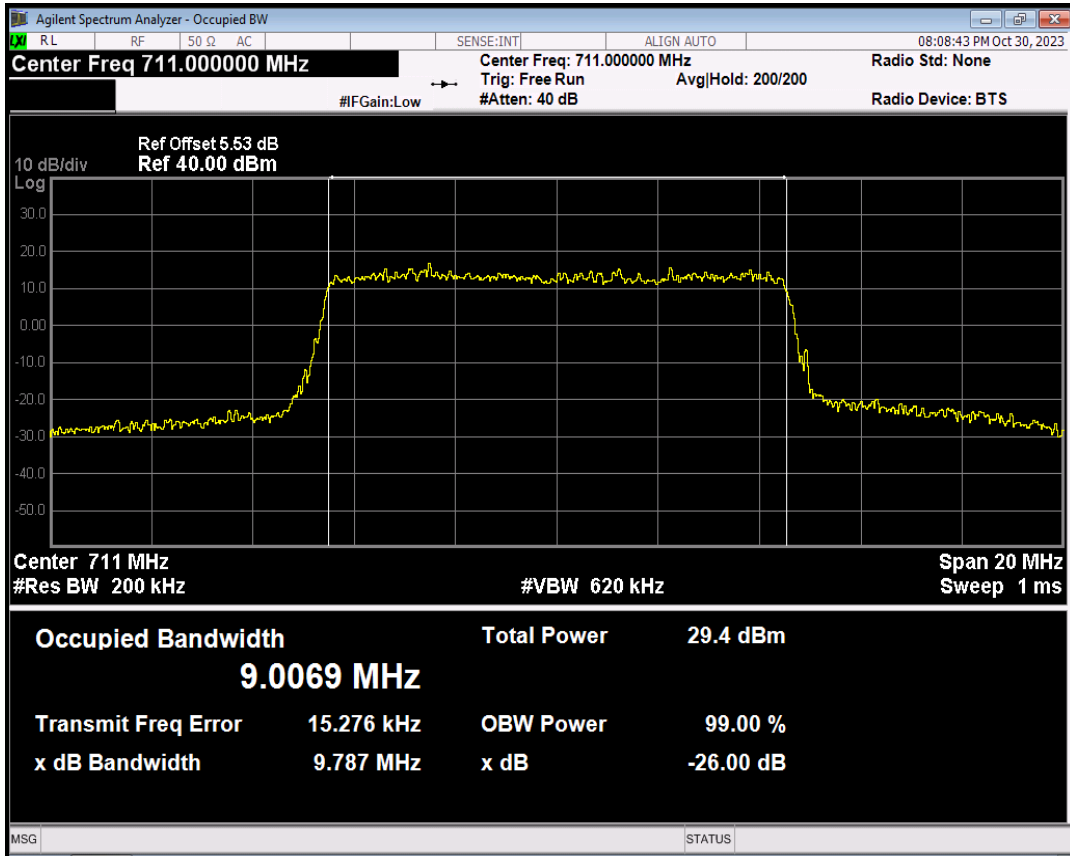
Band12 16QAM BW=10MHz Channel=23095 RB Size=50 Position=#0



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



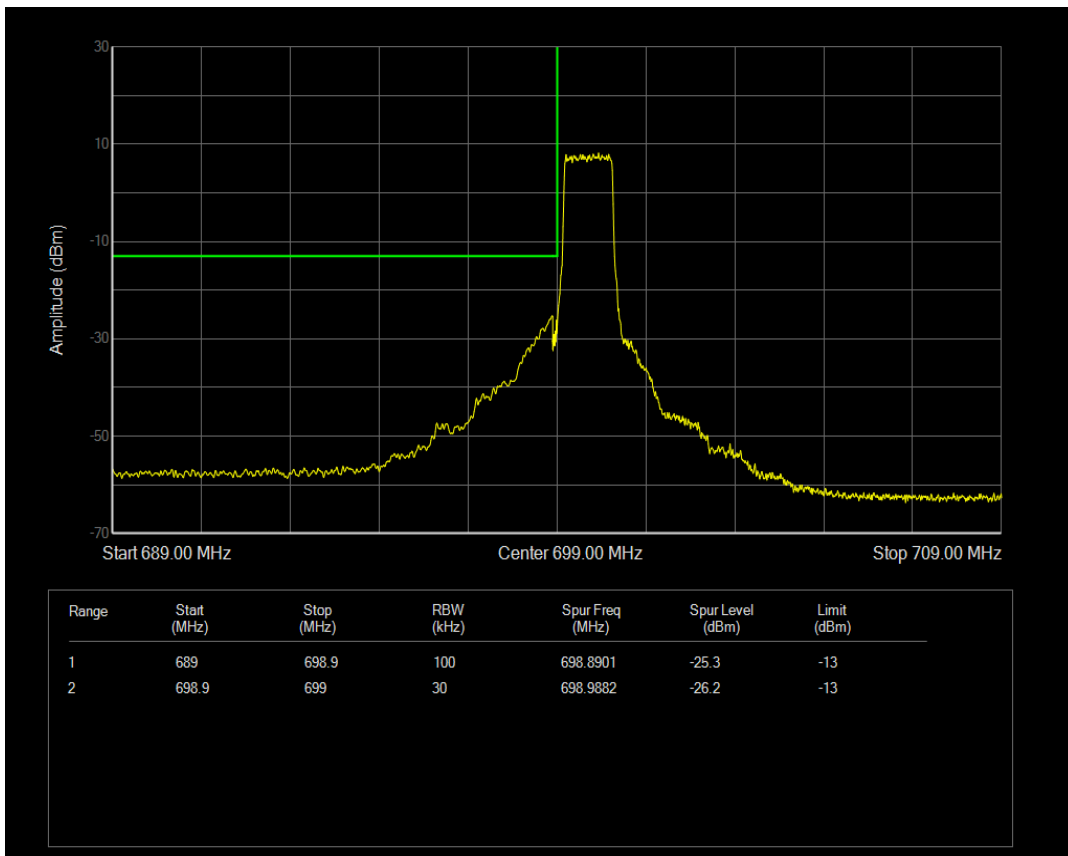
Band12 16QAM BW=10MHz Channel=23130 RB Size=50 Position=#0



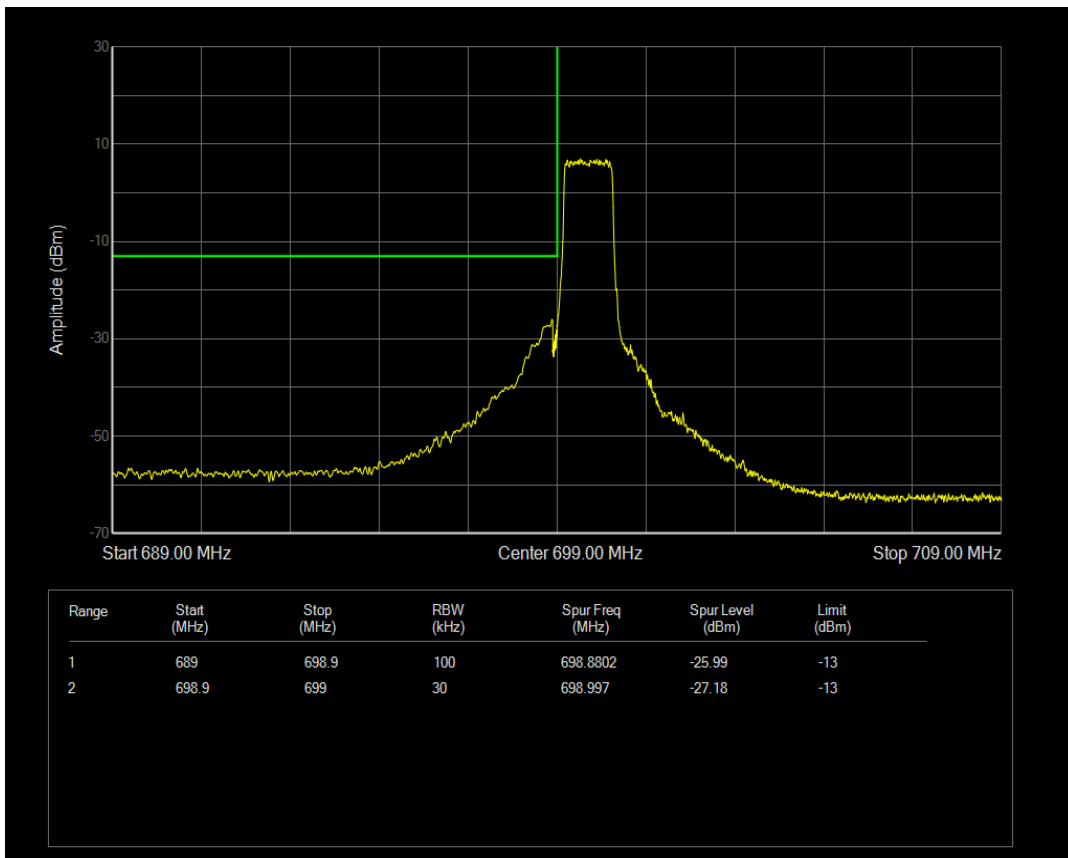
Appendix 5. Band edge

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	698.89	-25.30	-13	PASS
Band12	1.4	23017	6	#0	16QAM	698.88	-25.99	-13	PASS
Band12	1.4	23173	6	#0	QPSK	716.11	-24.53	-13	PASS
Band12	1.4	23173	6	#0	16QAM	716.11	-26.86	-13	PASS
Band12	3	23025	15	#0	QPSK	699.00	-26.35	-13	PASS
Band12	3	23025	15	#0	16QAM	698.90	-28.27	-13	PASS
Band12	3	23165	15	#0	QPSK	716.01	-25.97	-13	PASS
Band12	3	23165	15	#0	16QAM	716.11	-27.64	-13	PASS
Band12	5	23035	25	#0	QPSK	698.90	-28.26	-13	PASS
Band12	5	23035	25	#0	16QAM	698.89	-29.36	-13	PASS
Band12	5	23155	25	#0	QPSK	716.11	-26.70	-13	PASS
Band12	5	23155	25	#0	16QAM	716.01	-28.74	-13	PASS
Band12	10	23060	50	#0	QPSK	698.90	-30.19	-13	PASS
Band12	10	23060	50	#0	16QAM	698.90	-32.74	-13	PASS
Band12	10	23130	50	#0	QPSK	716.11	-29.17	-13	PASS
Band12	10	23130	50	#0	16QAM	716.11	-30.73	-13	PASS

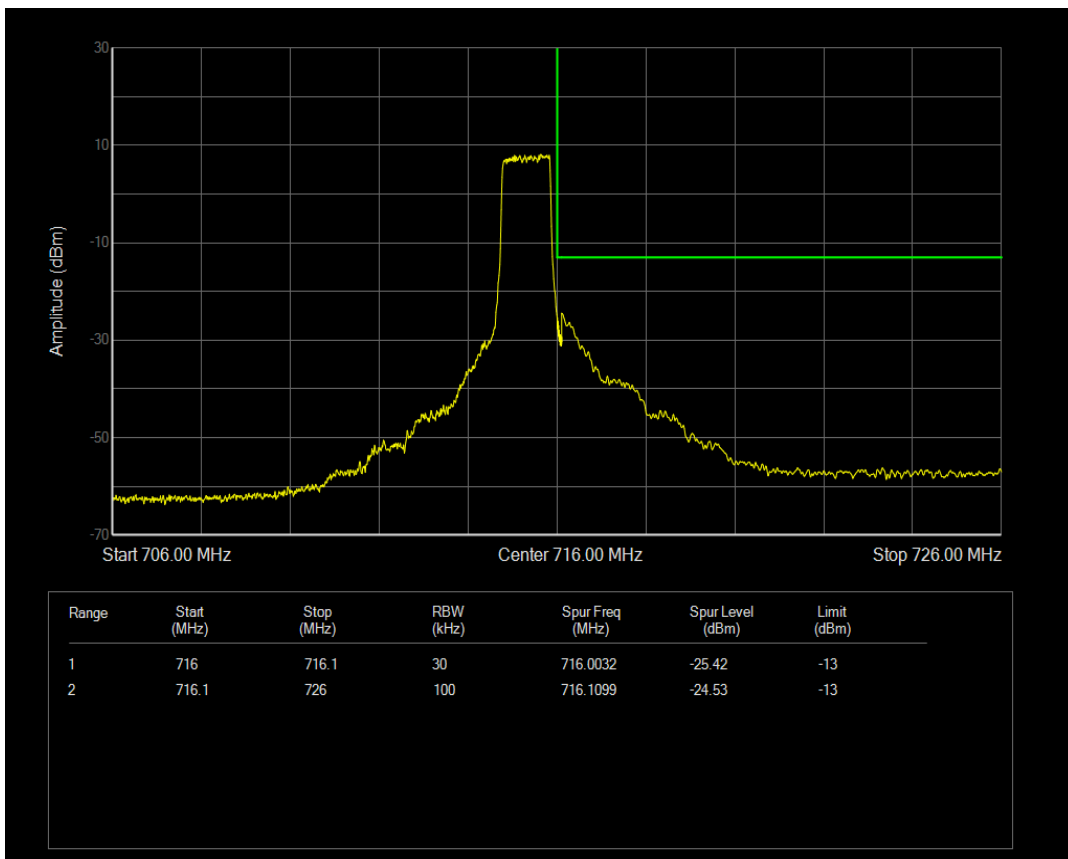
Band12 QPSK BW=1.4MHz Channel=23017 RB Size=6 Position=#0



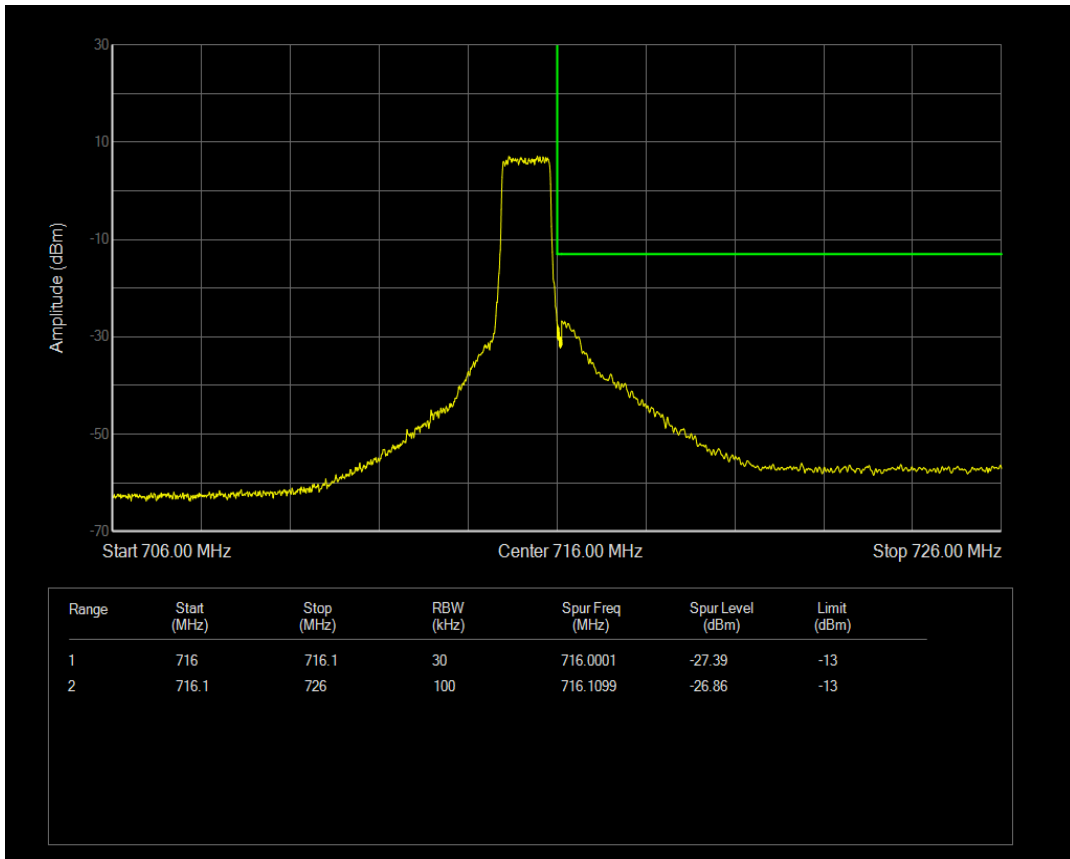
Band12 16QAM BW=1.4MHz Channel=23017 RB Size=6 Position=#0



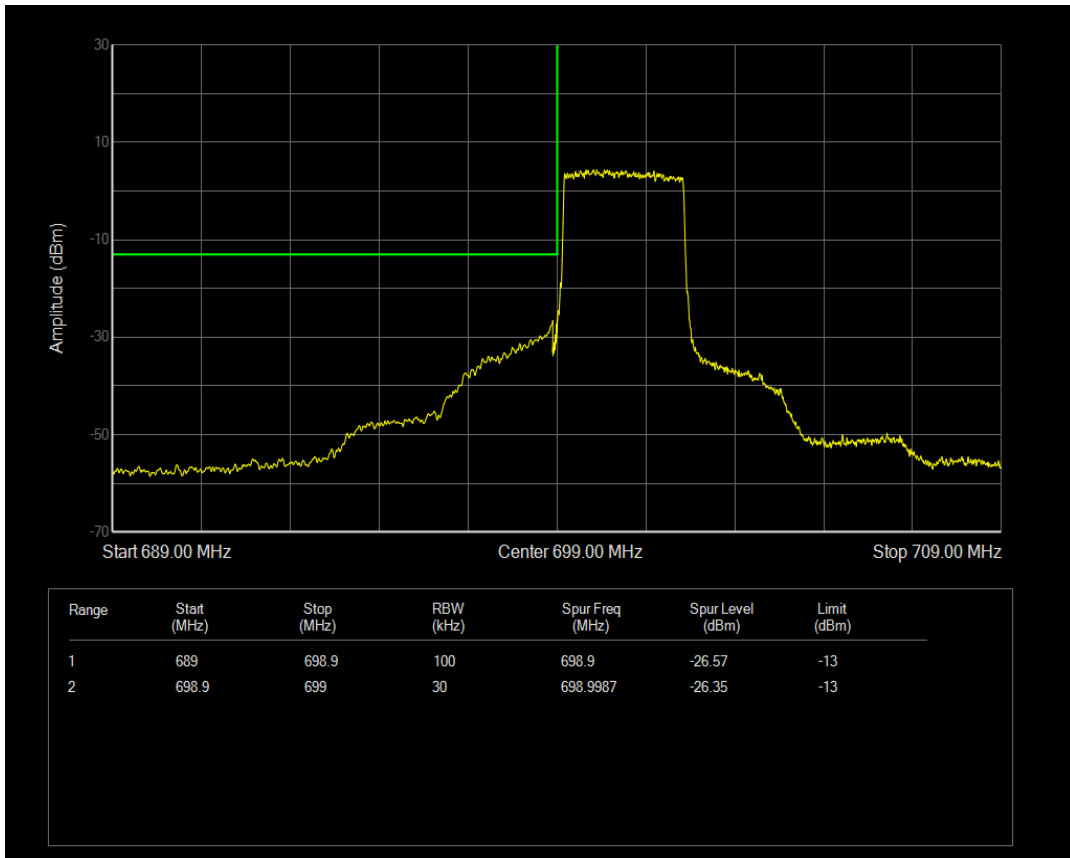
Band12 QPSK BW=1.4MHz Channel=23173 RB Size=6 Position=#0



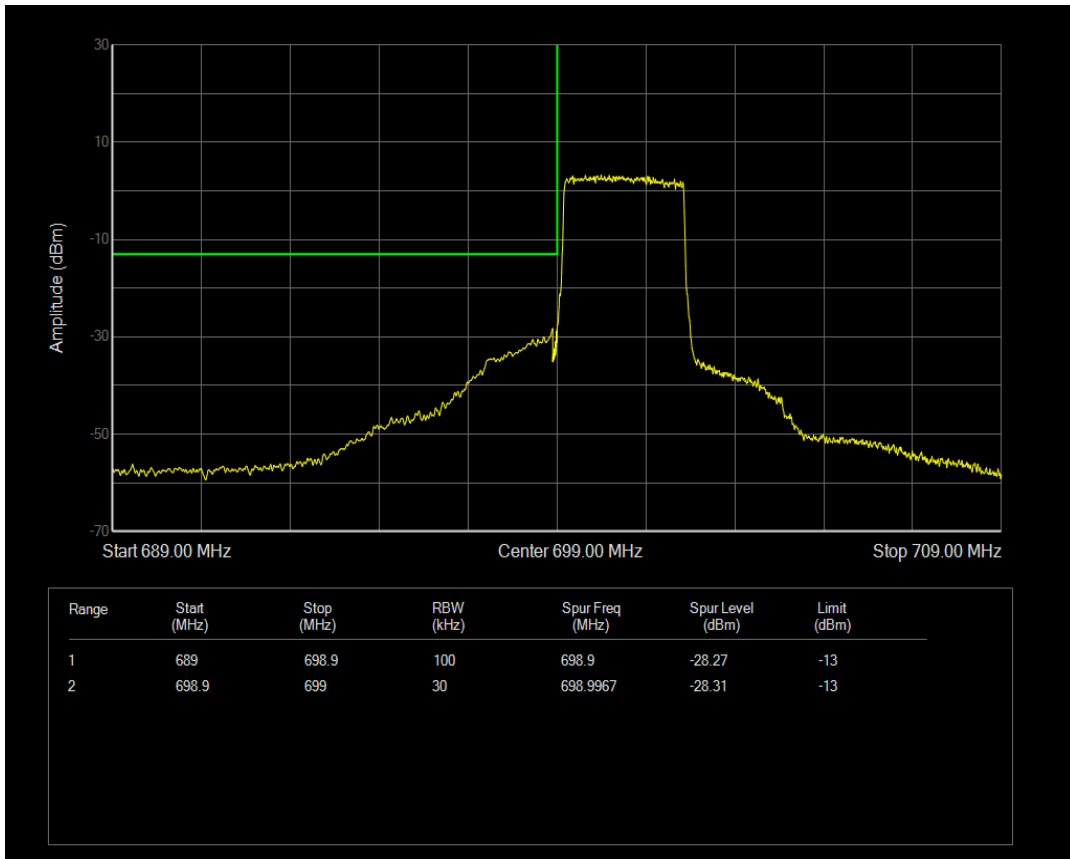
Band12 16QAM BW=1.4MHz Channel=23173 RB Size=6 Position=#0



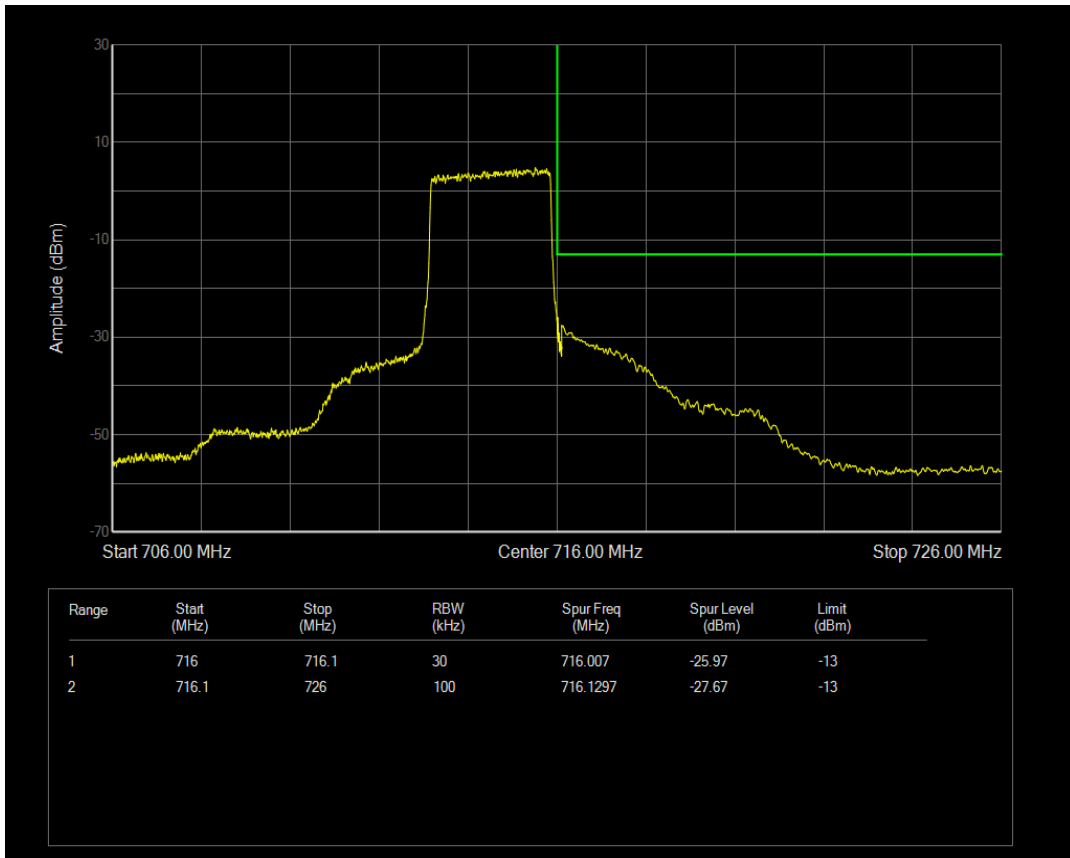
Band12 QPSK BW=3MHz Channel=23025 RB Size=15 Position=#0



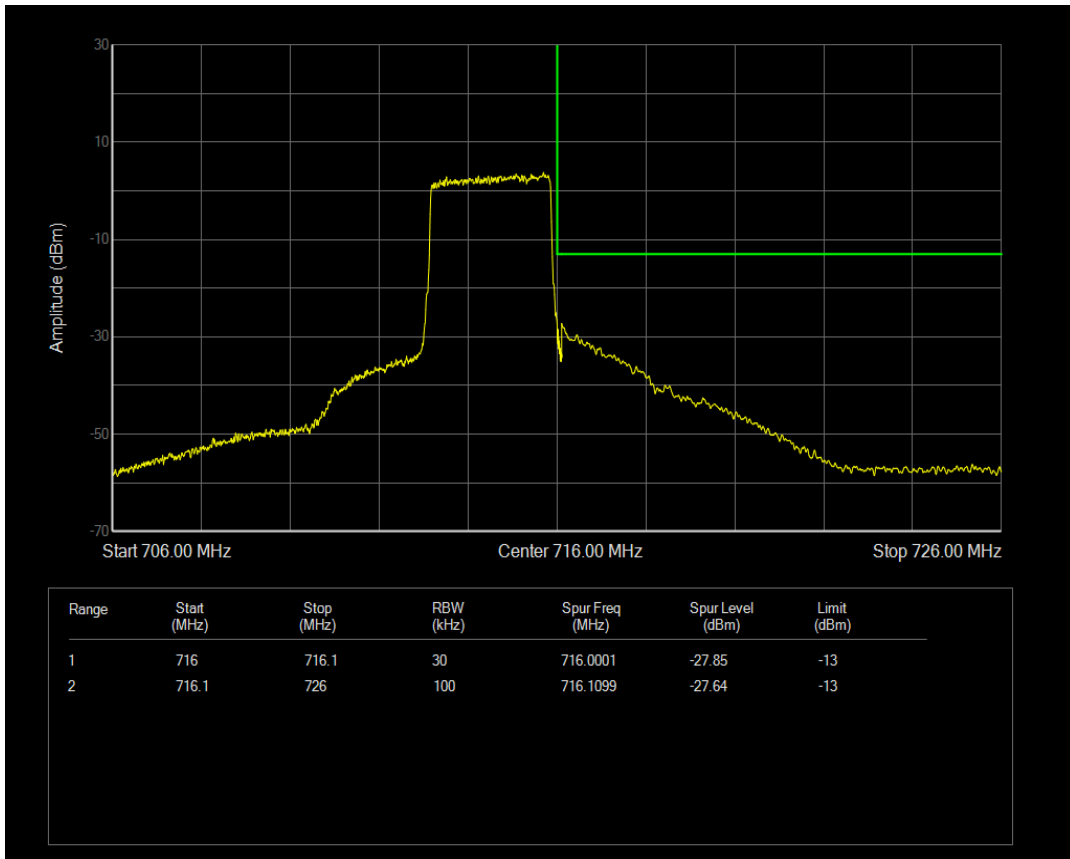
Band12 16QAM BW=3MHz Channel=23025 RB Size=15 Position=#0



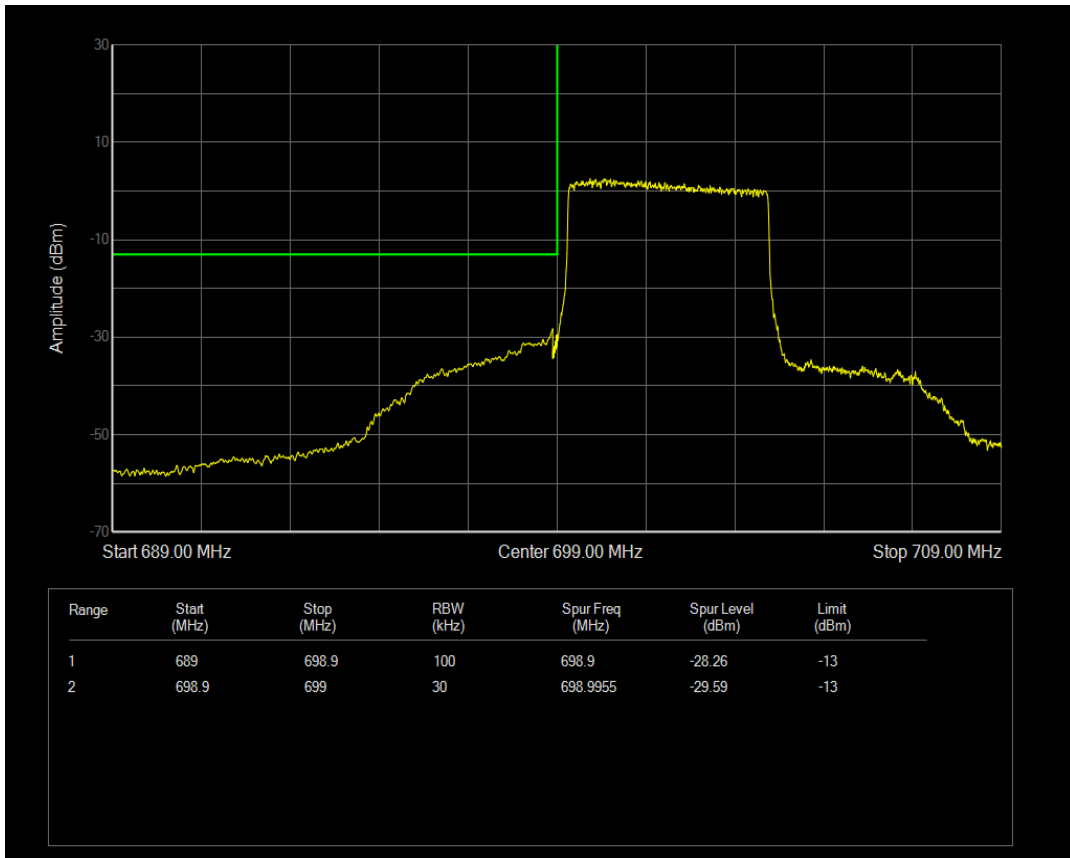
Band12 QPSK BW=3MHz Channel=23165 RB Size=15 Position=#0



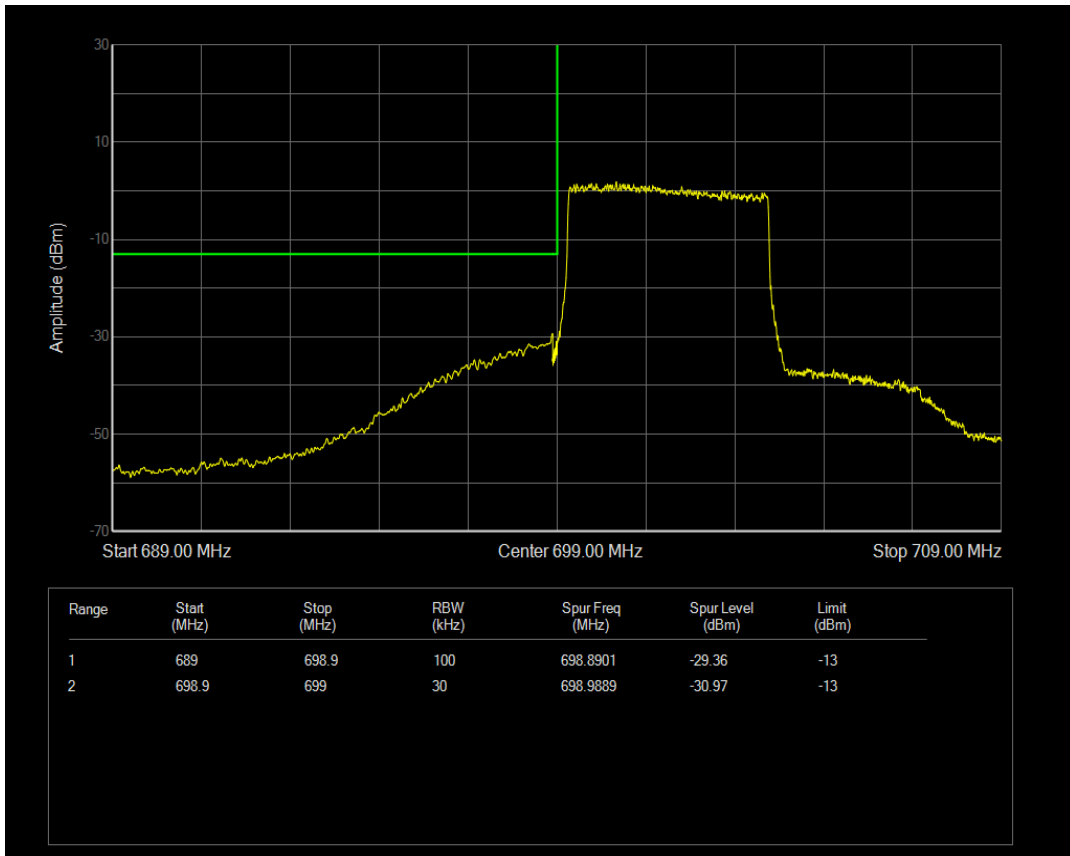
Band12 16QAM BW=3MHz Channel=23165 RB Size=15 Position=#0



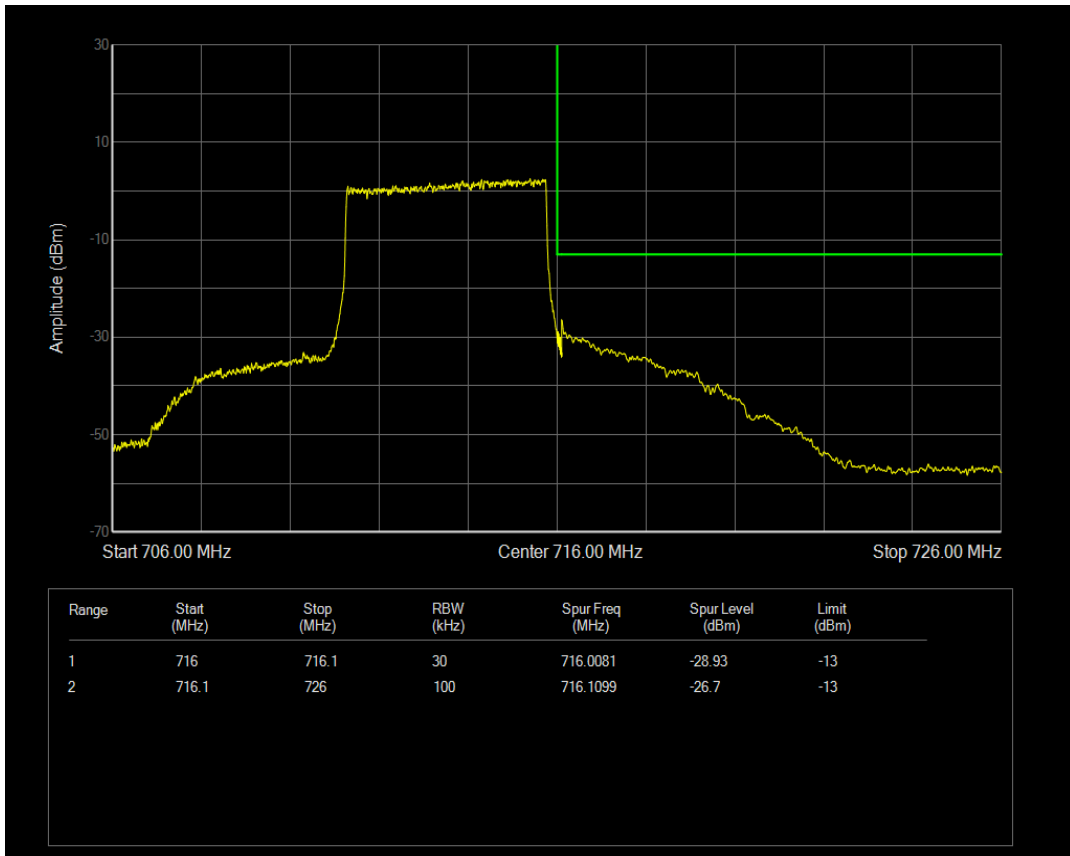
Band12 QPSK BW=5MHz Channel=23035 RB Size=25 Position=#0



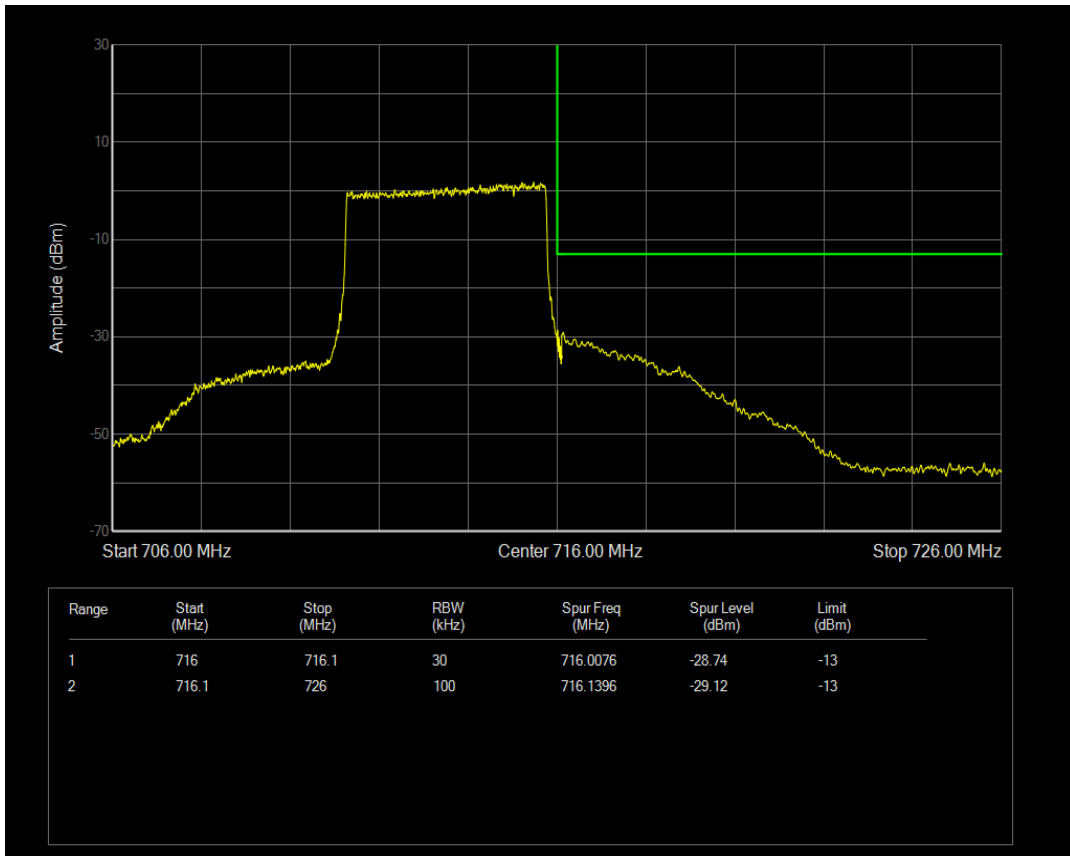
Band12 16QAM BW=5MHz Channel=23035 RB Size=25 Position=#0



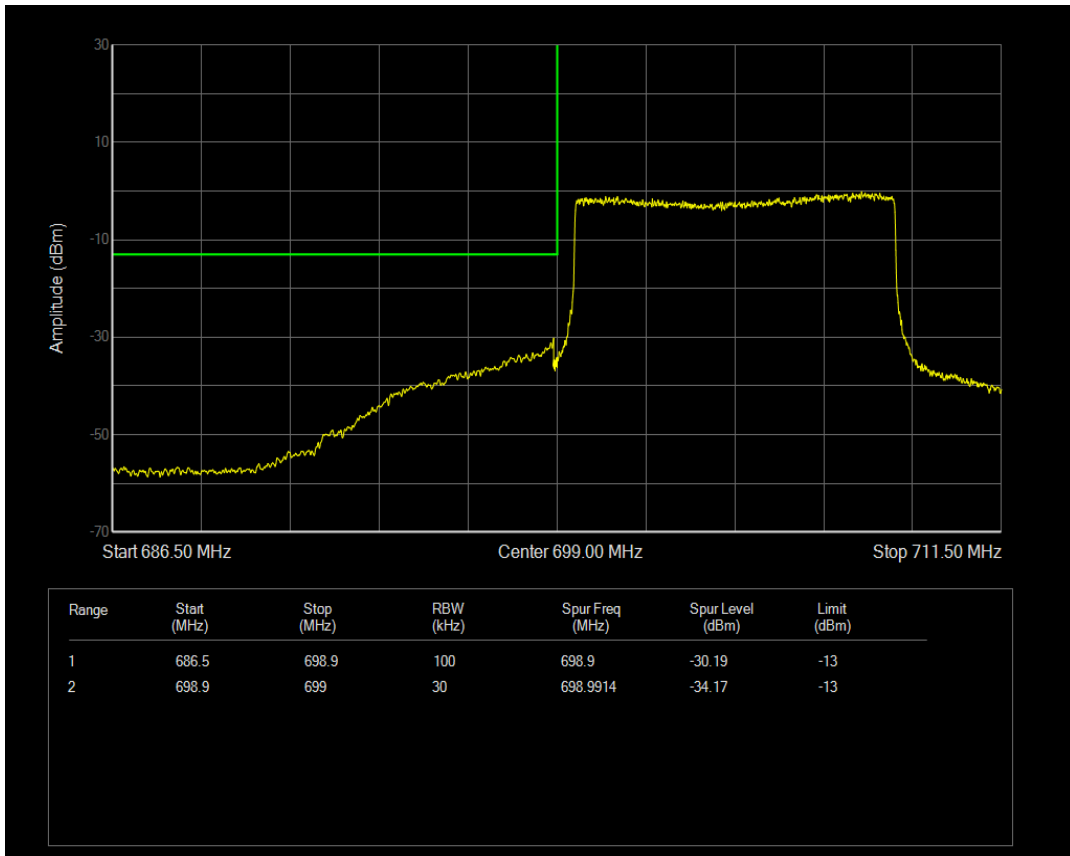
Band12 QPSK BW=5MHz Channel=23155 RB Size=25 Position=#0



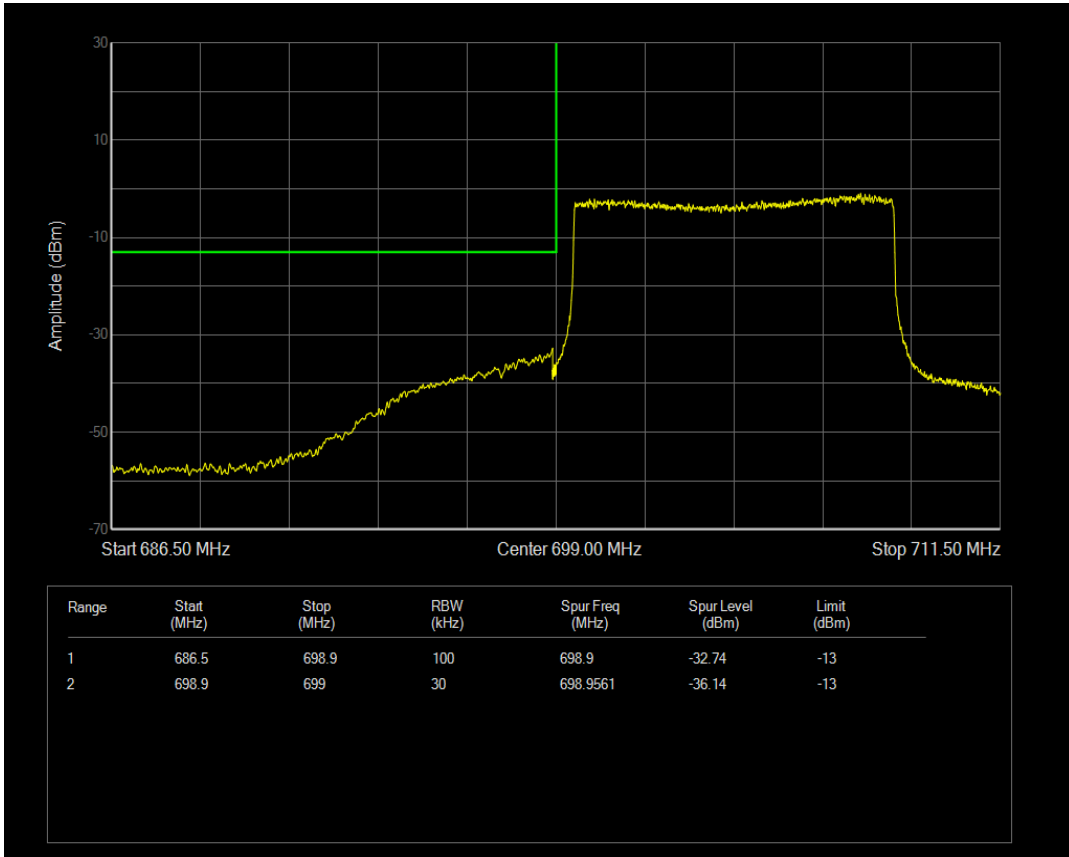
Band12 16QAM BW=5MHz Channel=23155 RB Size=25 Position=#0



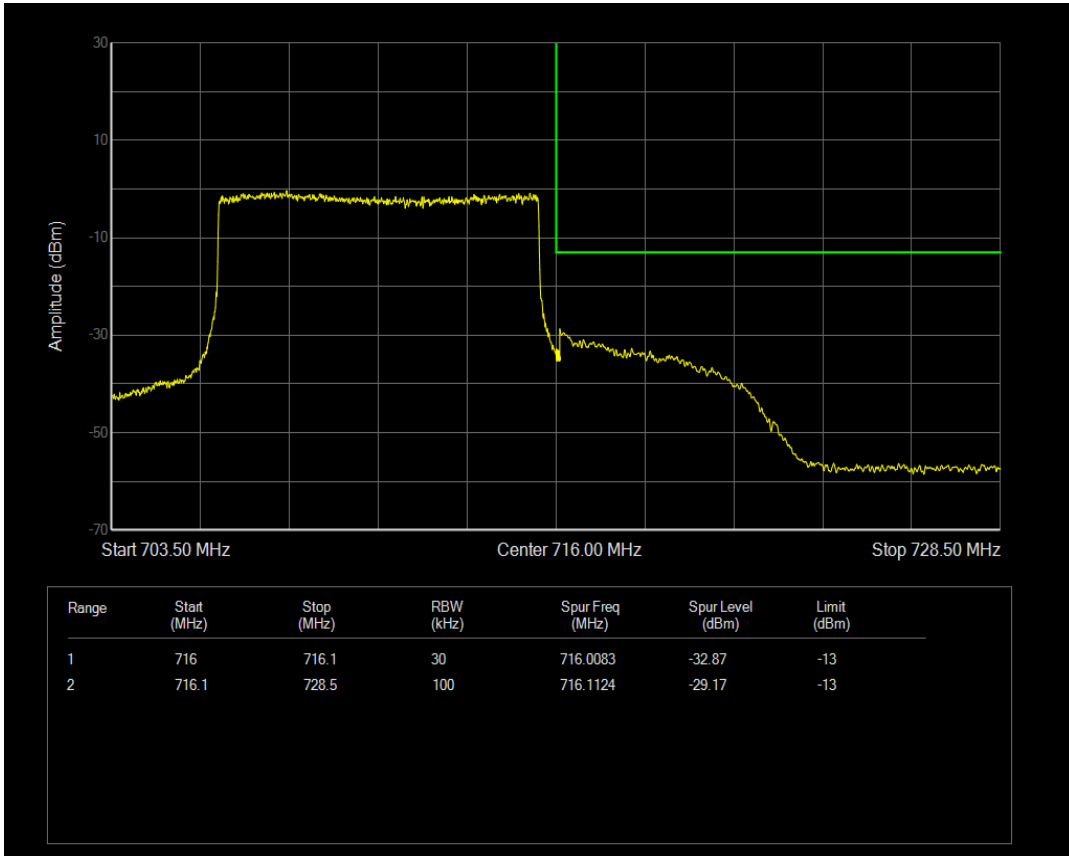
Band12 QPSK BW=10MHz Channel=23060 RB Size=50 Position=#0



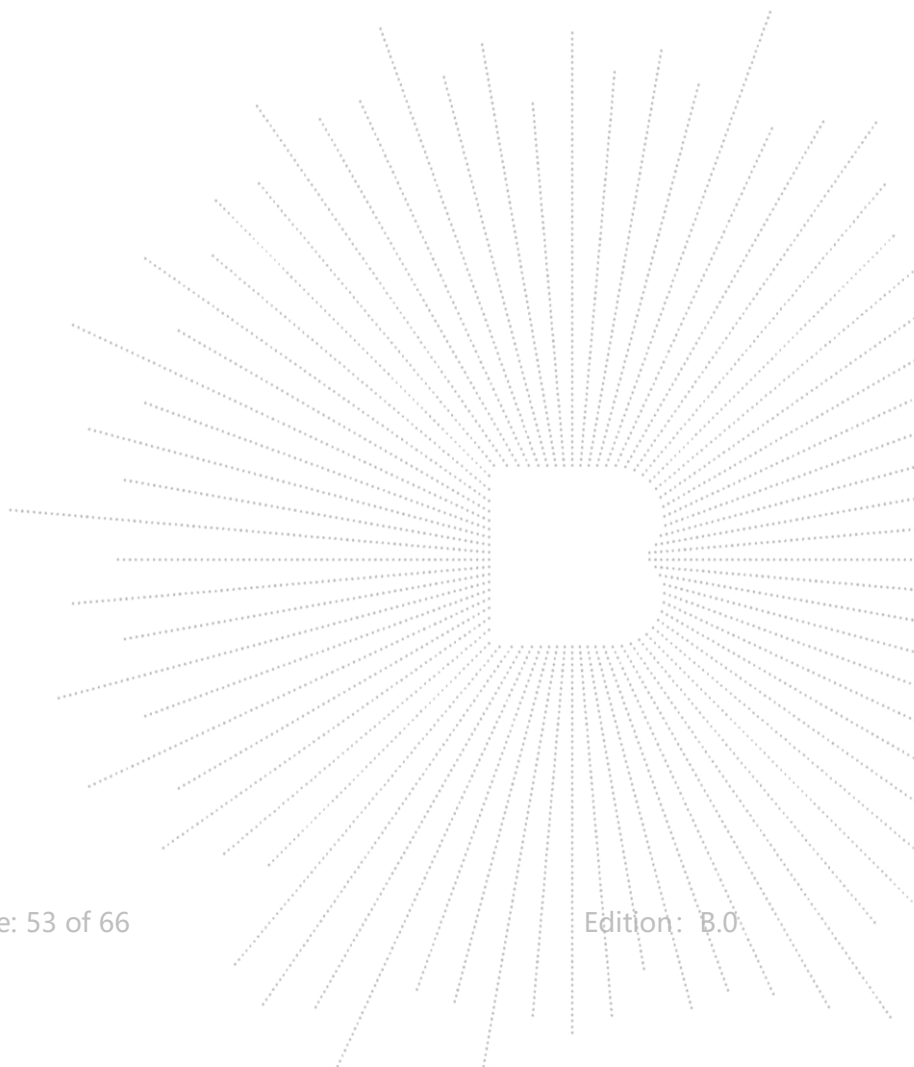
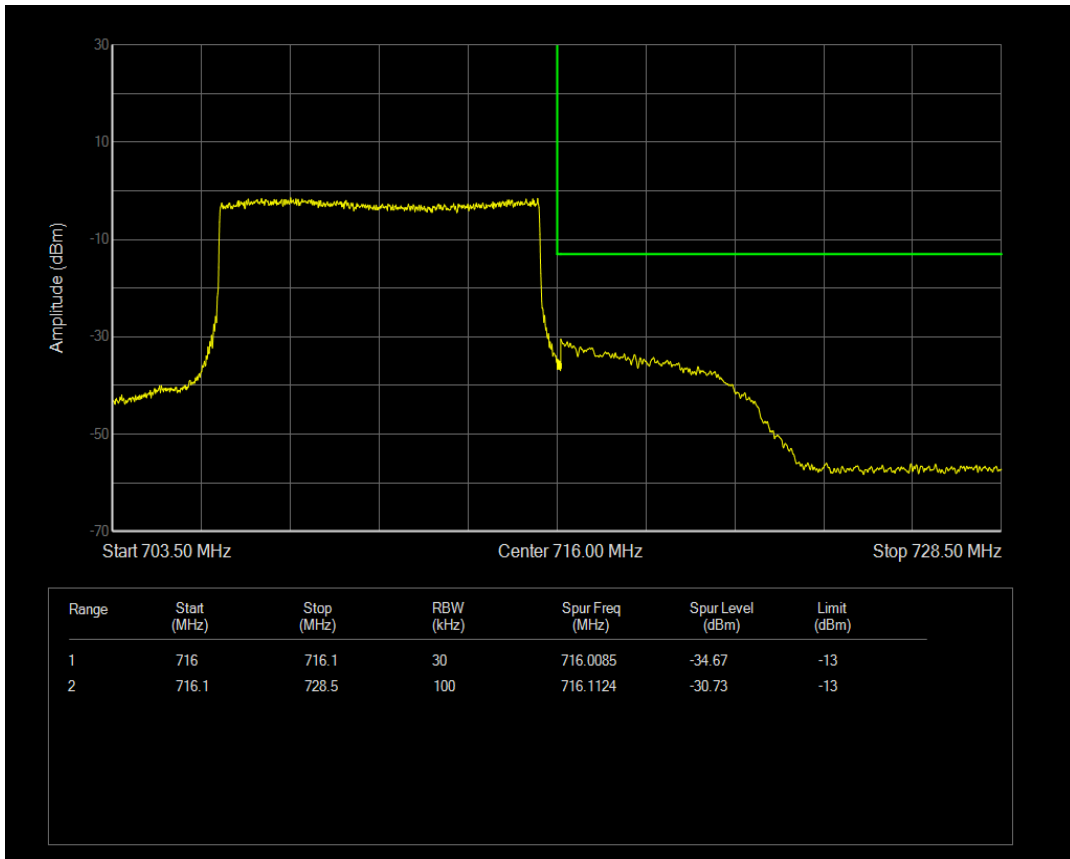
Band12 16QAM BW=10MHz Channel=23060 RB Size=50 Position=#0



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



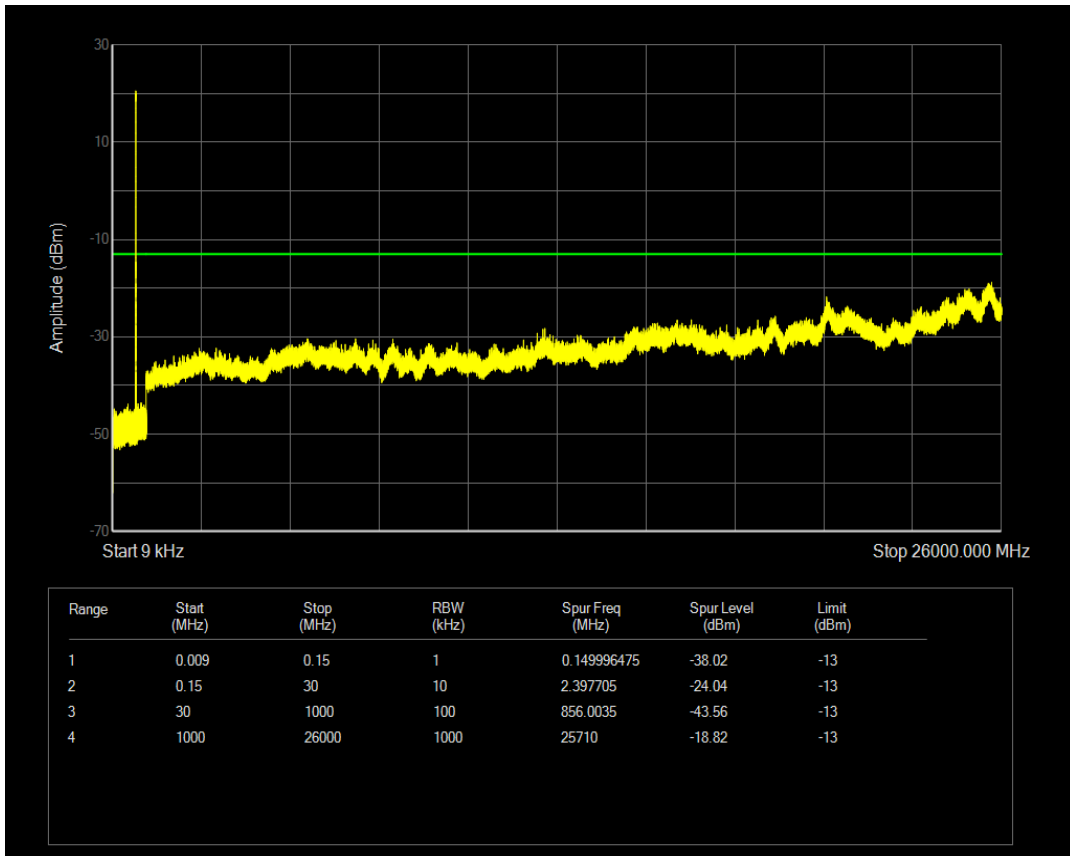
Band12 16QAM BW=10MHz Channel=23130 RB Size=50 Position=#0



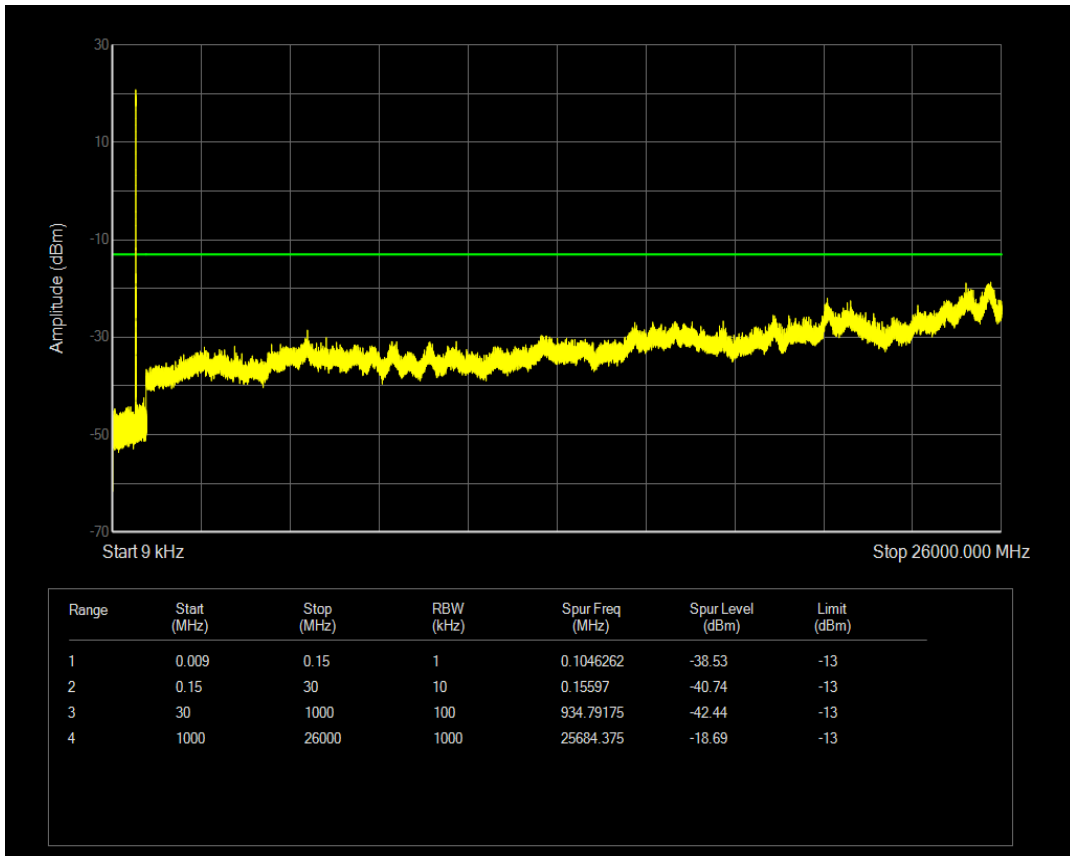
Appendix 6. Out-of-band emissions

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band12	1.4	23017	6	#0	QPSK	25710.00	-18.82	-13	PASS
Band12	1.4	23017	6	#0	16QAM	25684.38	-18.69	-13	PASS
Band12	1.4	23095	6	#0	QPSK	25612.50	-18.21	-13	PASS
Band12	1.4	23095	6	#0	16QAM	25601.25	-18.51	-13	PASS
Band12	1.4	23173	6	#0	QPSK	25659.38	-18.06	-13	PASS
Band12	1.4	23173	6	#0	16QAM	25595.63	-18.26	-13	PASS
Band12	3	23025	15	#0	QPSK	25612.50	-17.84	-13	PASS
Band12	3	23025	15	#0	16QAM	25643.75	-17.35	-13	PASS
Band12	3	23095	15	#0	QPSK	25666.88	-18.66	-13	PASS
Band12	3	23095	15	#0	16QAM	25598.13	-18.35	-13	PASS
Band12	3	23165	15	#0	QPSK	25630.00	-18.80	-13	PASS
Band12	3	23165	15	#0	16QAM	25636.88	-19.16	-13	PASS
Band12	5	23035	25	#0	QPSK	25659.38	-18.05	-13	PASS
Band12	5	23035	25	#0	16QAM	25634.38	-18.58	-13	PASS
Band12	5	23095	25	#0	QPSK	25616.88	-16.91	-13	PASS
Band12	5	23095	25	#0	16QAM	25648.75	-18.71	-13	PASS
Band12	5	23155	25	#0	QPSK	25629.38	-17.25	-13	PASS
Band12	5	23155	25	#0	16QAM	25617.50	-18.38	-13	PASS
Band12	10	23060	50	#0	QPSK	25606.25	-18.68	-13	PASS
Band12	10	23060	50	#0	16QAM	25644.38	-18.29	-13	PASS
Band12	10	23095	50	#0	QPSK	25667.50	-17.77	-13	PASS
Band12	10	23095	50	#0	16QAM	25608.13	-18.47	-13	PASS
Band12	10	23130	50	#0	QPSK	25558.75	-18.21	-13	PASS

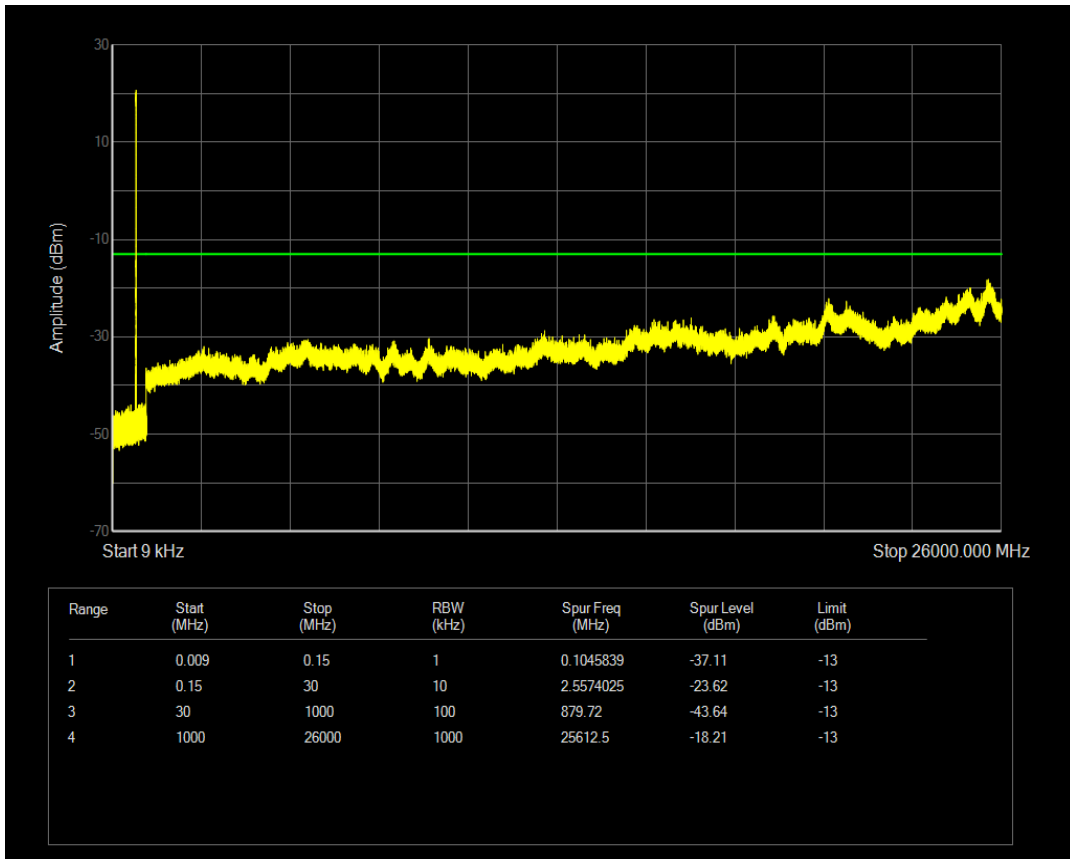
Band12 QPSK BW=1.4MHz Channel=23017 RB Size=6 Position=#0



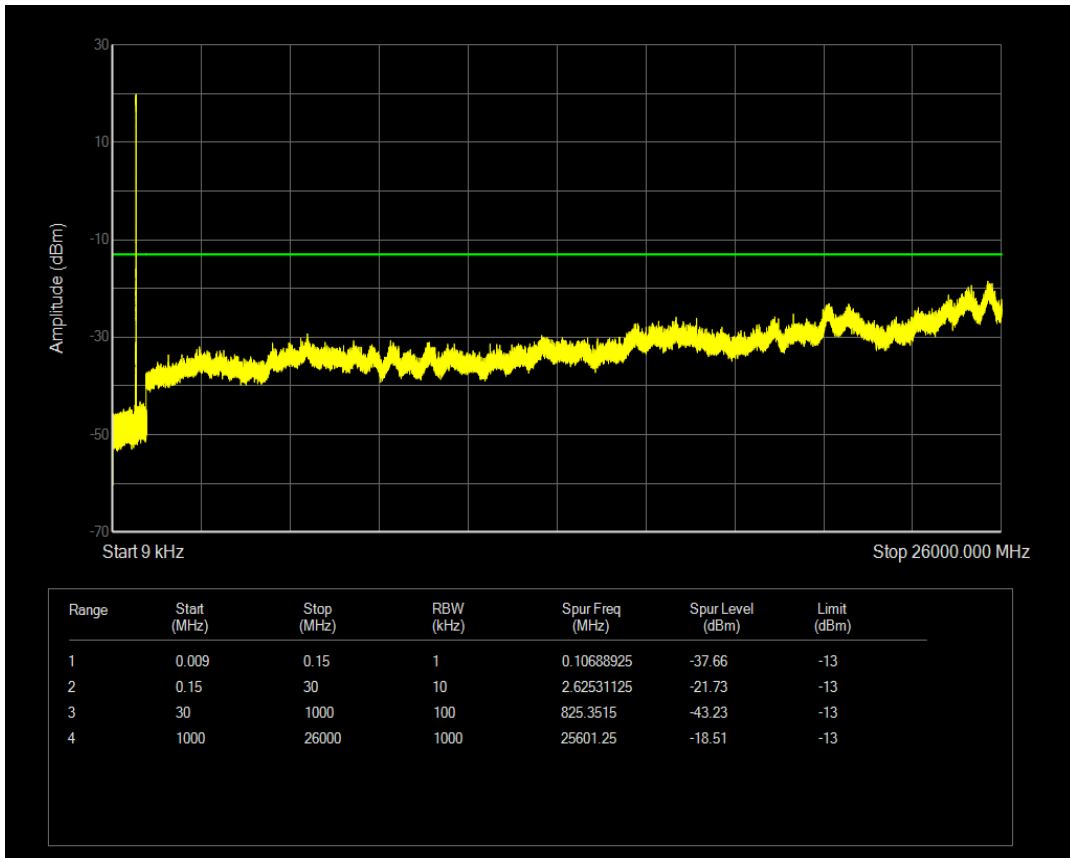
Band12 16QAM BW=1.4MHz Channel=23017 RB Size=6 Position=#0



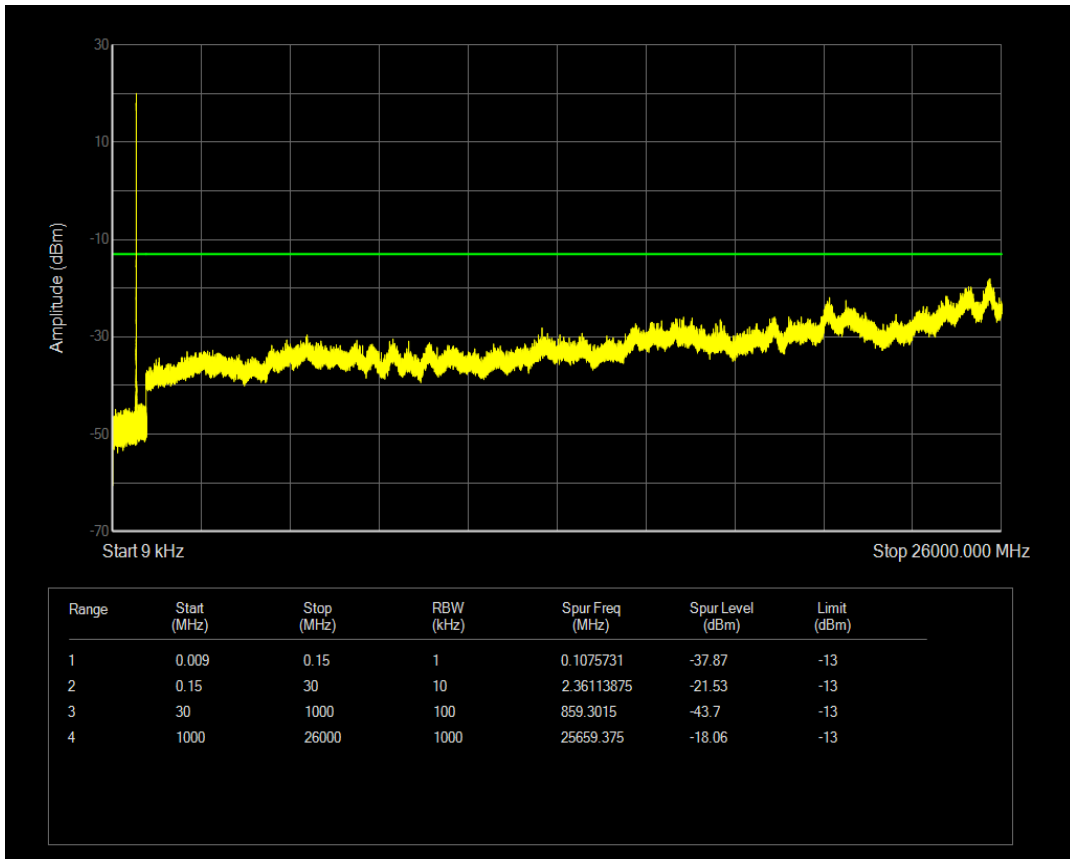
Band12 QPSK BW=1.4MHz Channel=23095 RB Size=6 Position=#0



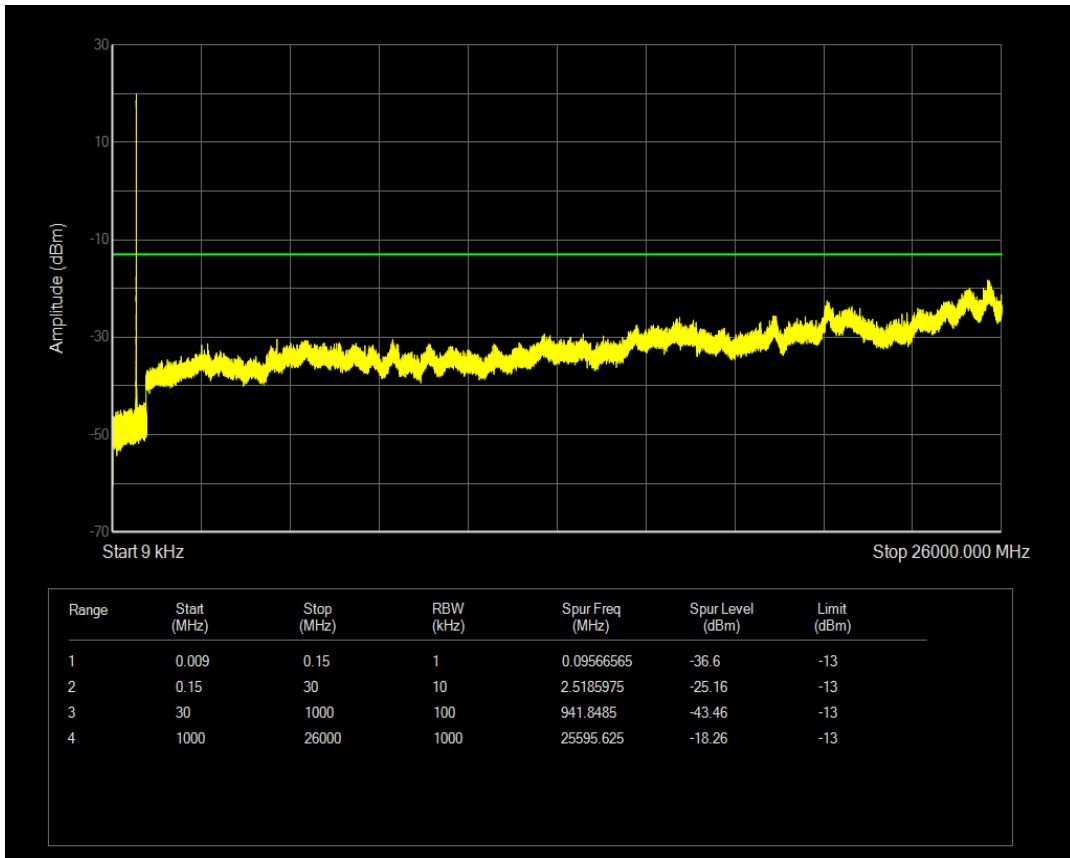
Band12 16QAM BW=1.4MHz Channel=23095 RB Size=6 Position=#0



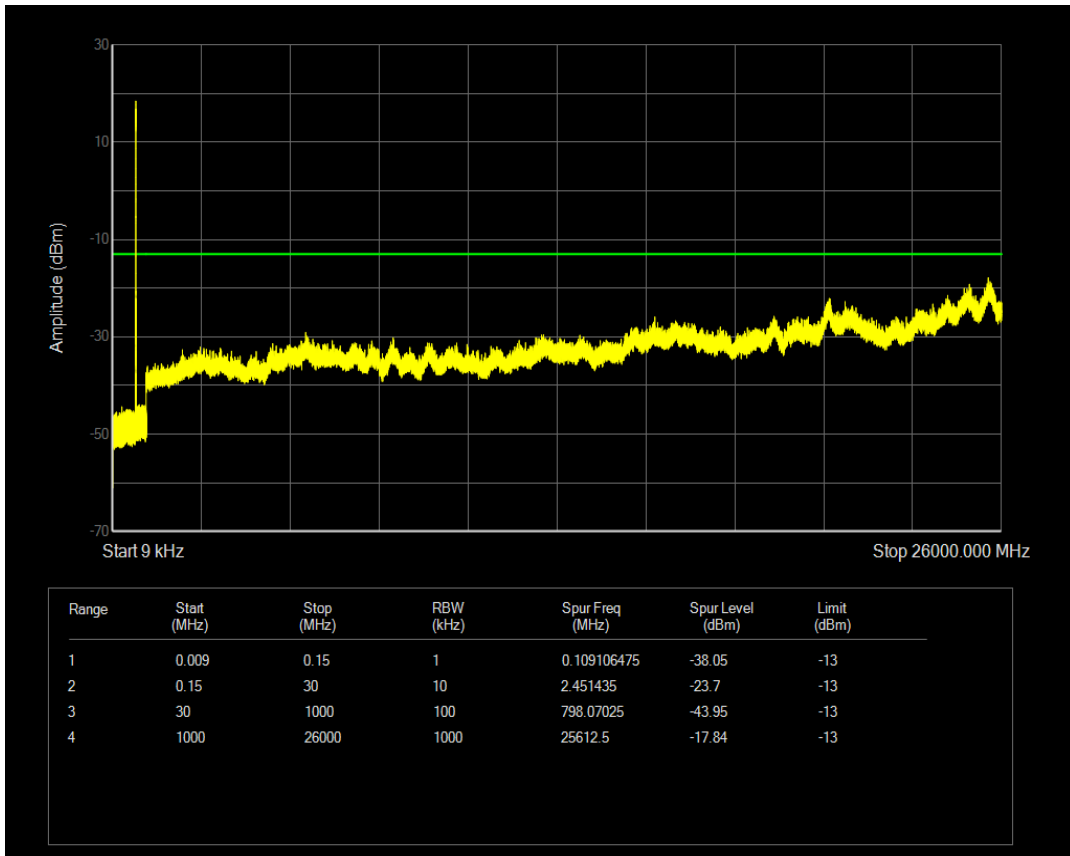
Band12 QPSK BW=1.4MHz Channel=23173 RB Size=6 Position=#0



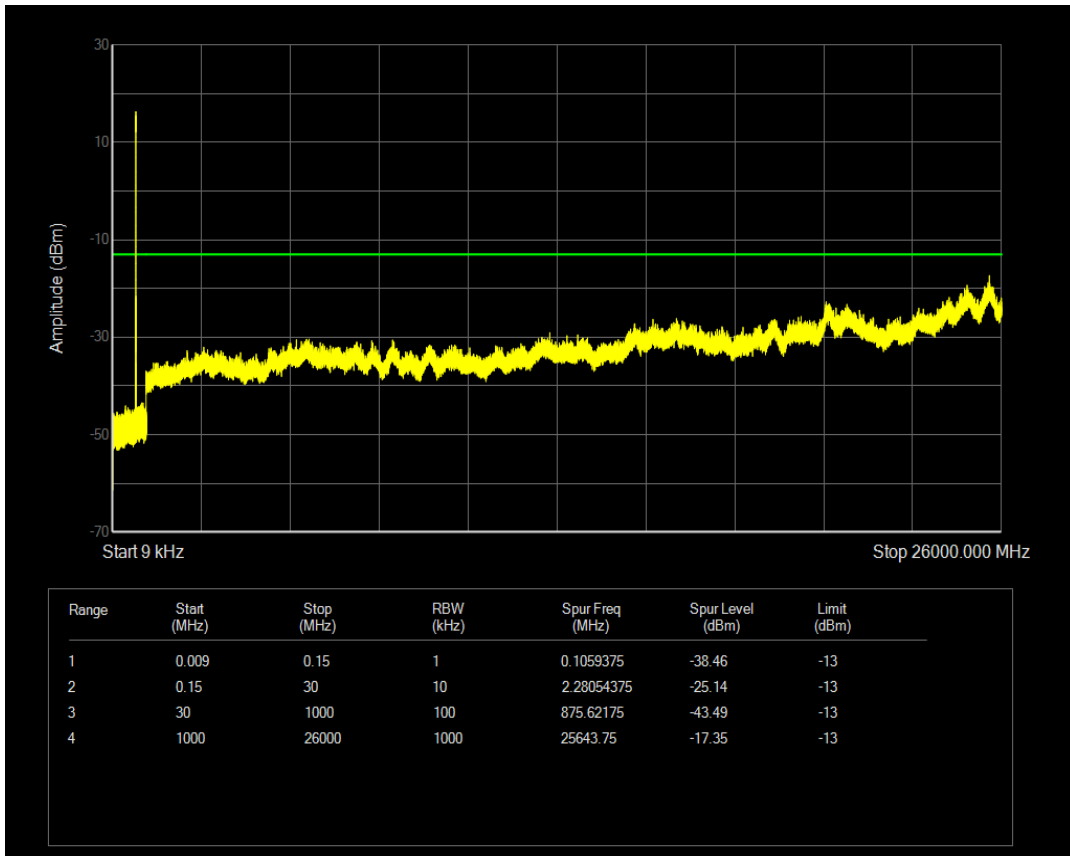
Band12 16QAM BW=1.4MHz Channel=23173 RB Size=6 Position=#0



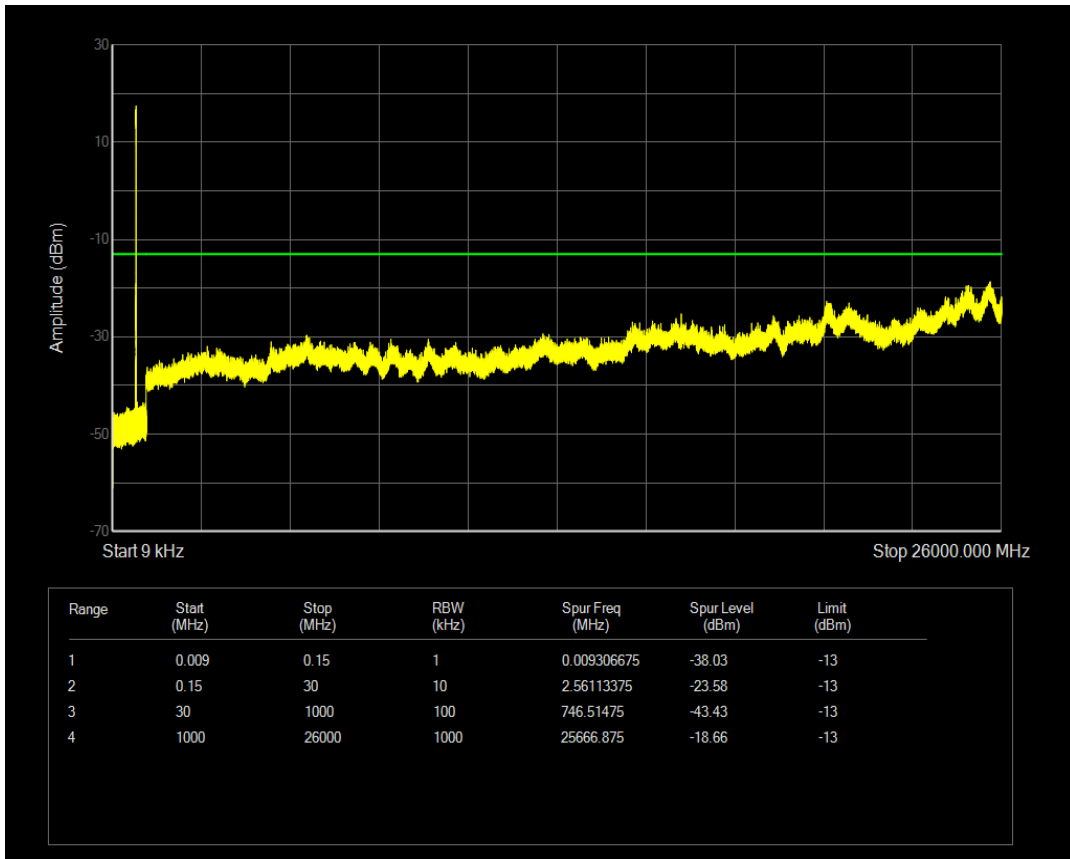
Band12 QPSK BW=3MHz Channel=23025 RB Size=15 Position=#0



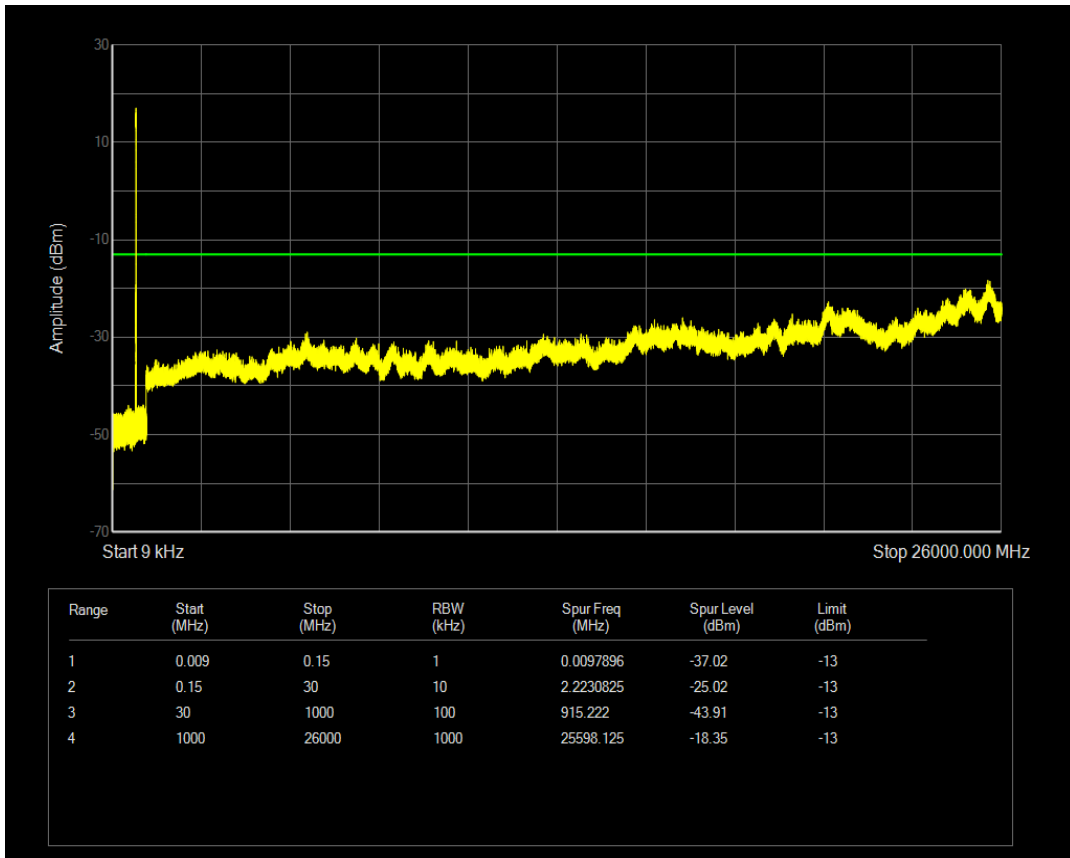
Band12 16QAM BW=3MHz Channel=23025 RB Size=15 Position=#0



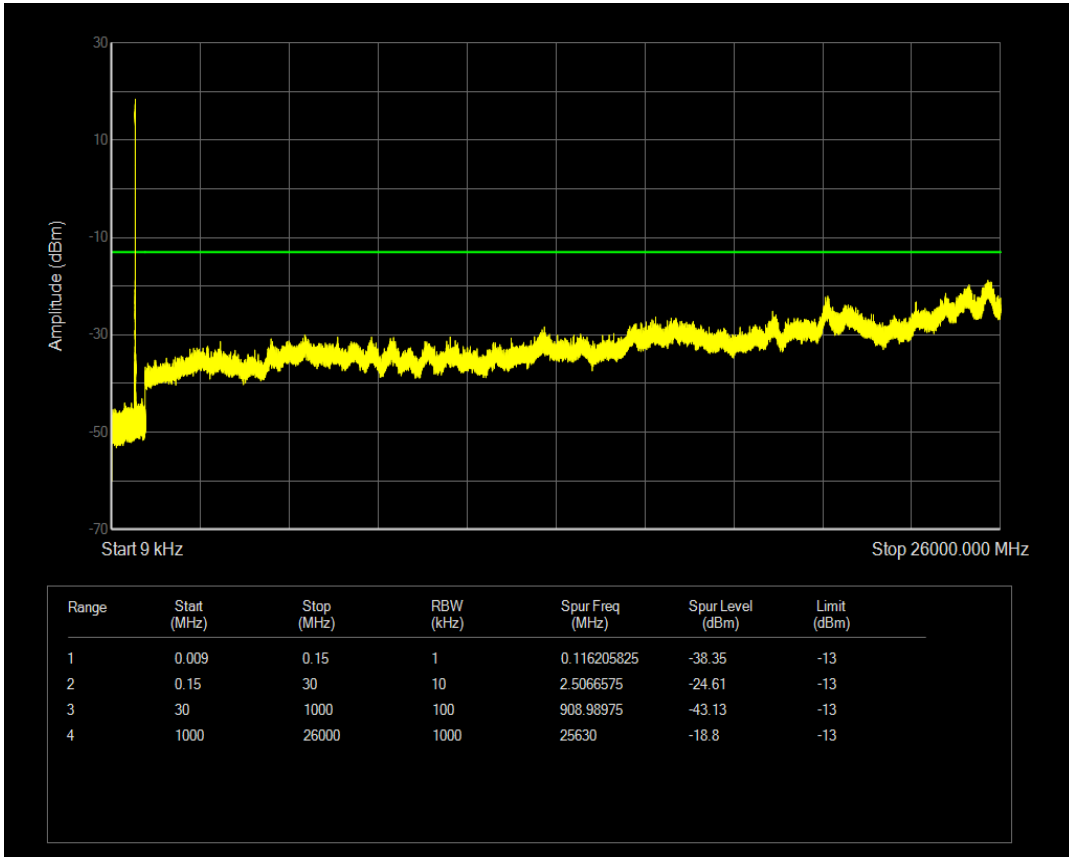
Band12 QPSK BW=3MHz Channel=23095 RB Size=15 Position=#0



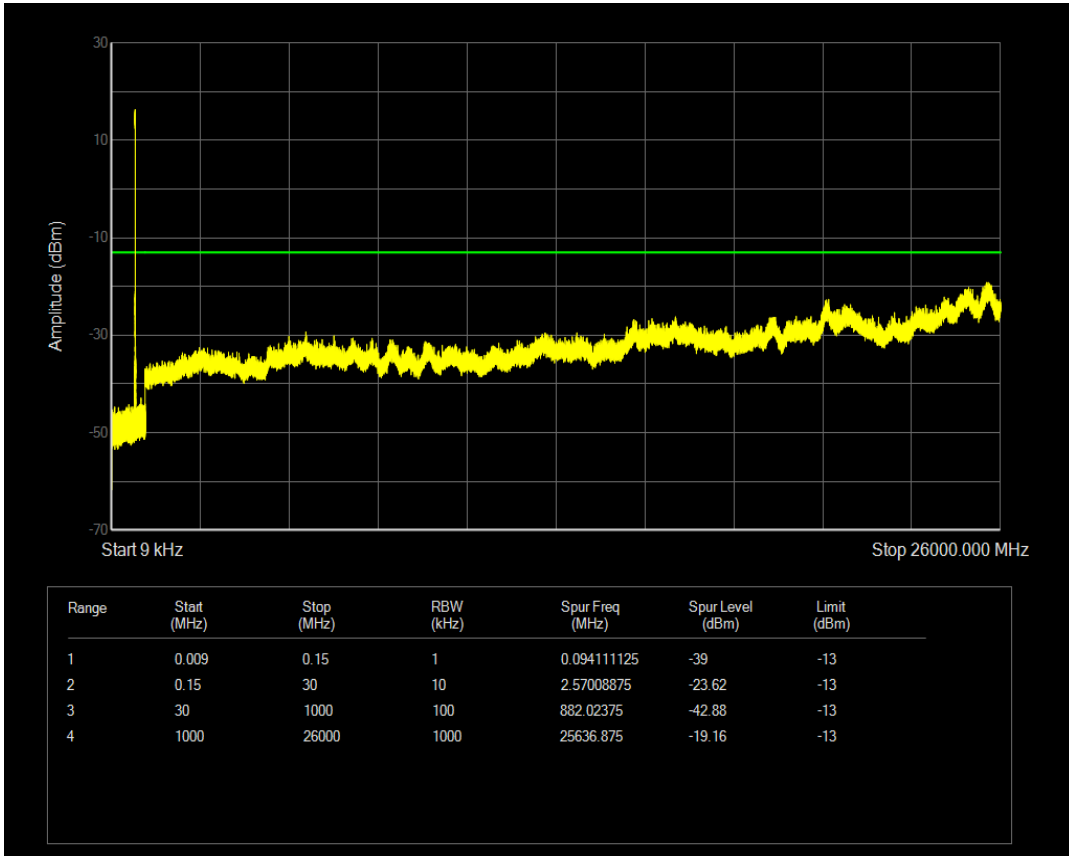
Band12 16QAM BW=3MHz Channel=23095 RB Size=15 Position=#0



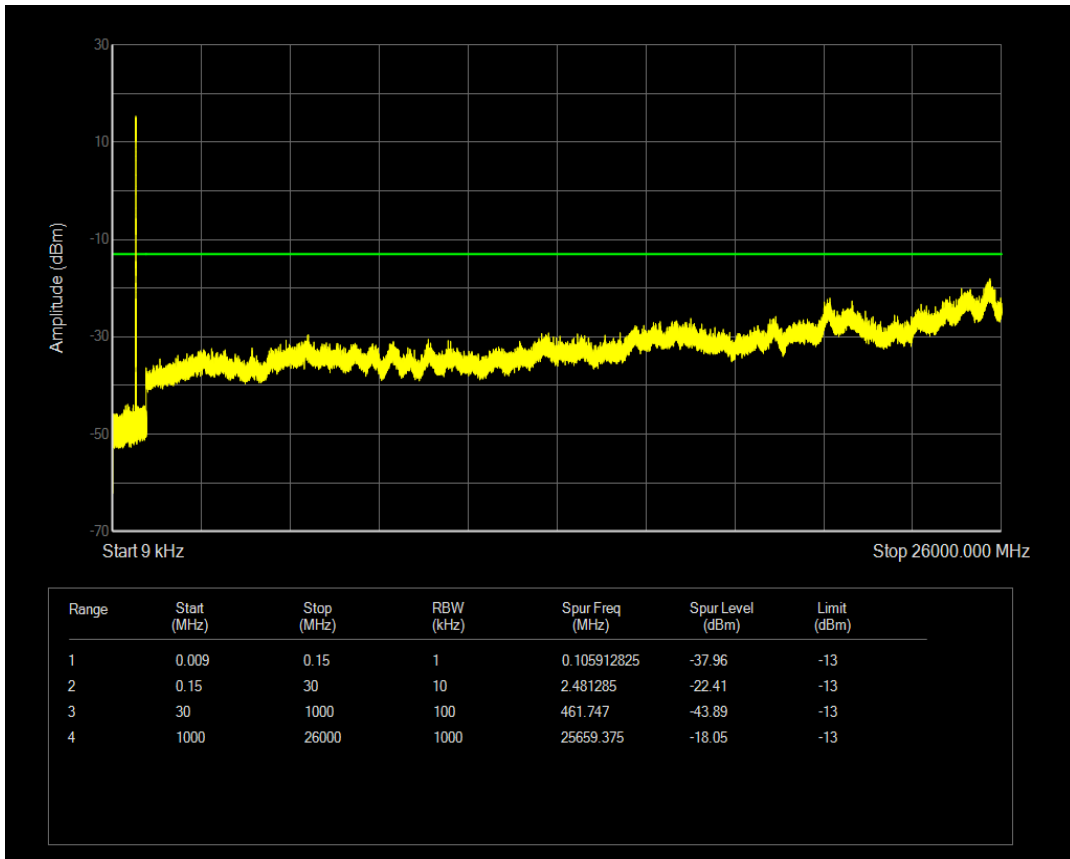
Band12 QPSK BW=3MHz Channel=23165 RB Size=15 Position=#0



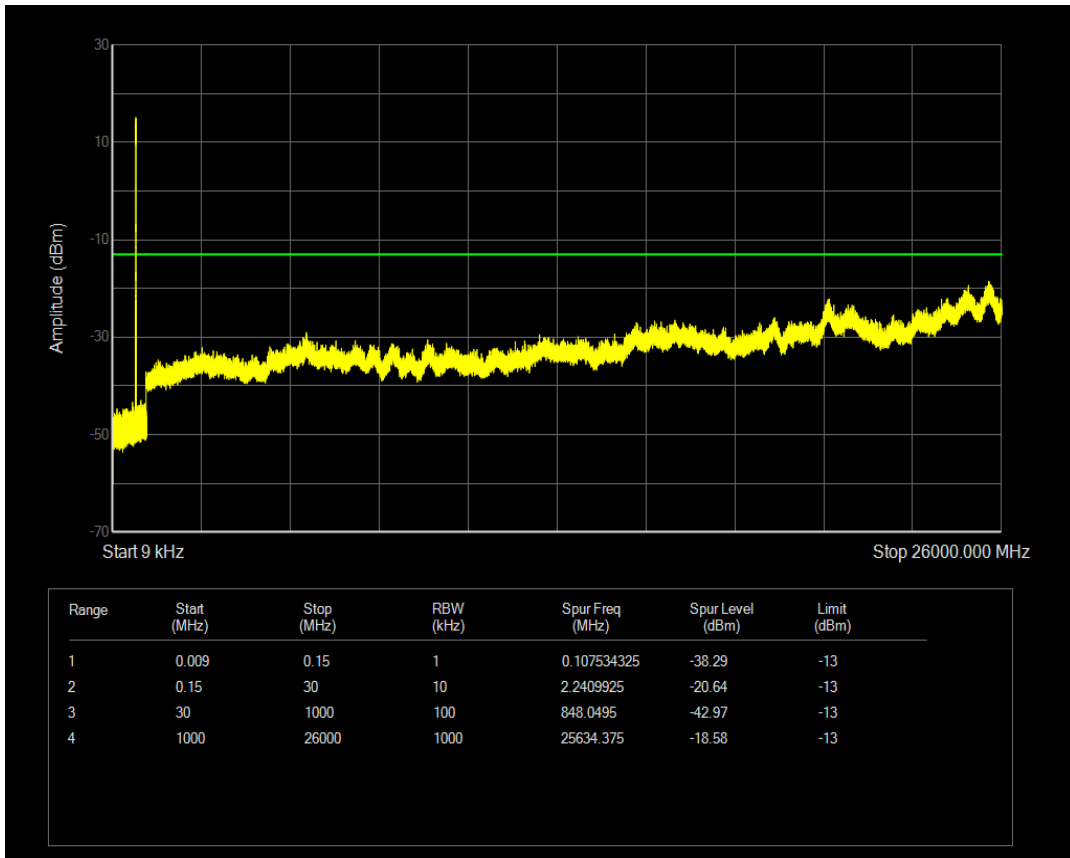
Band12 16QAM BW=3MHz Channel=23165 RB Size=15 Position=#0



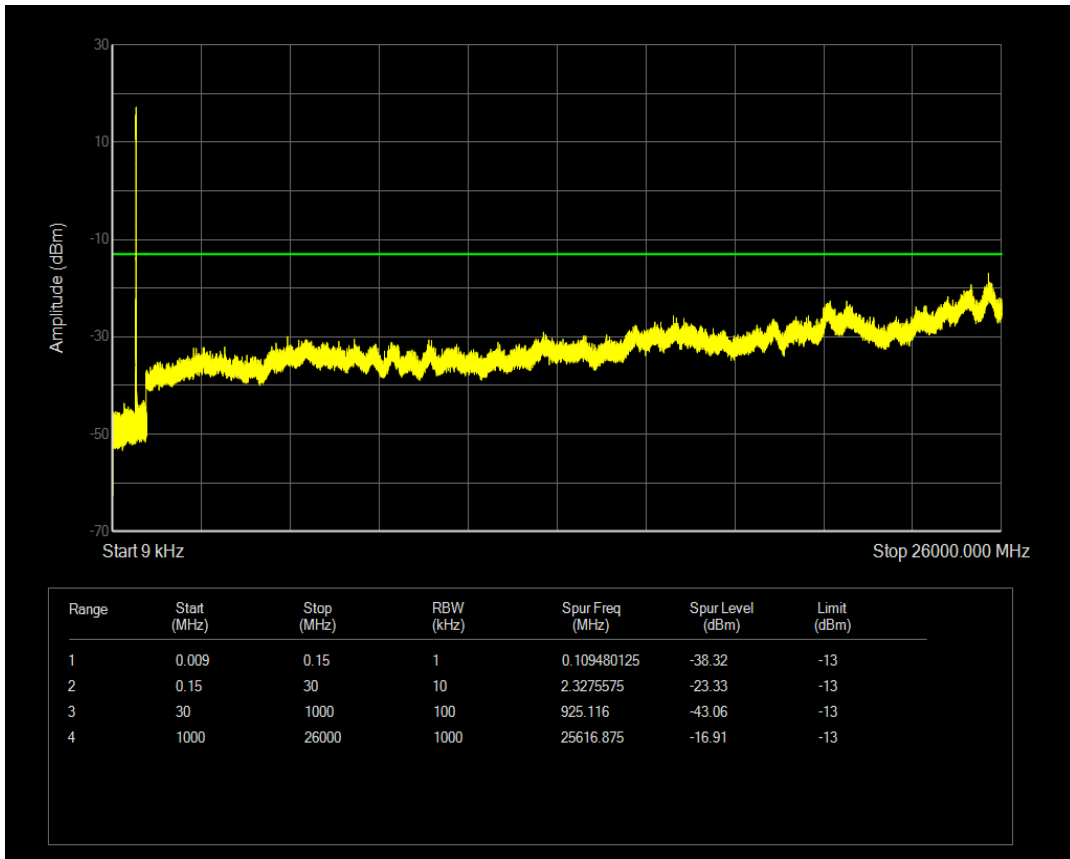
Band12 QPSK BW=5MHz Channel=23035 RB Size=25 Position=#0



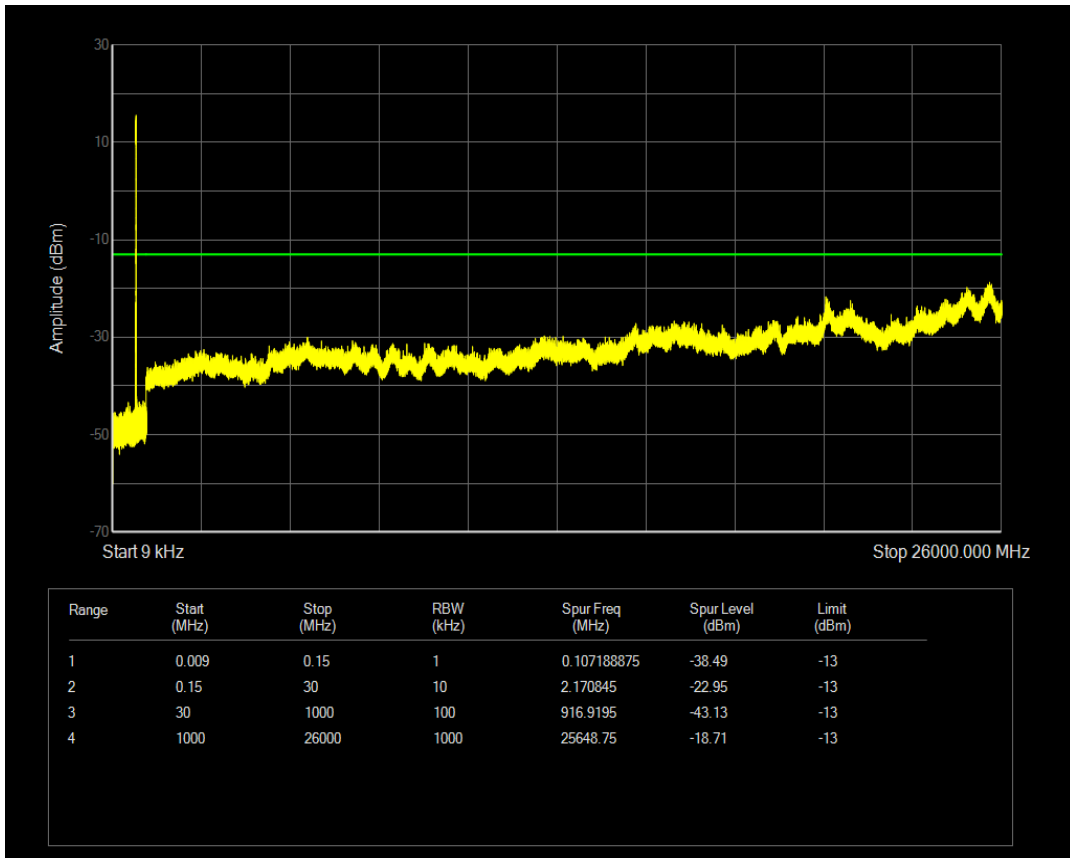
Band12 16QAM BW=5MHz Channel=23035 RB Size=25 Position=#0



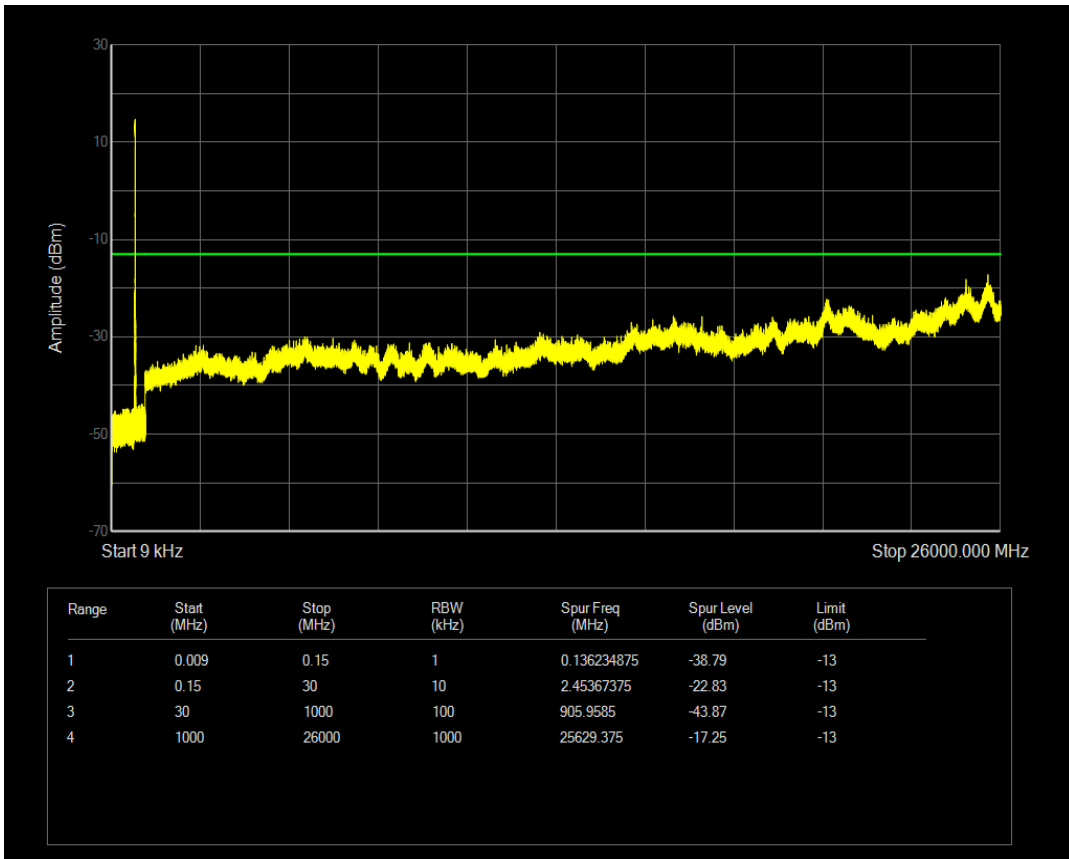
Band12 QPSK BW=5MHz Channel=23095 RB Size=25 Position=#0



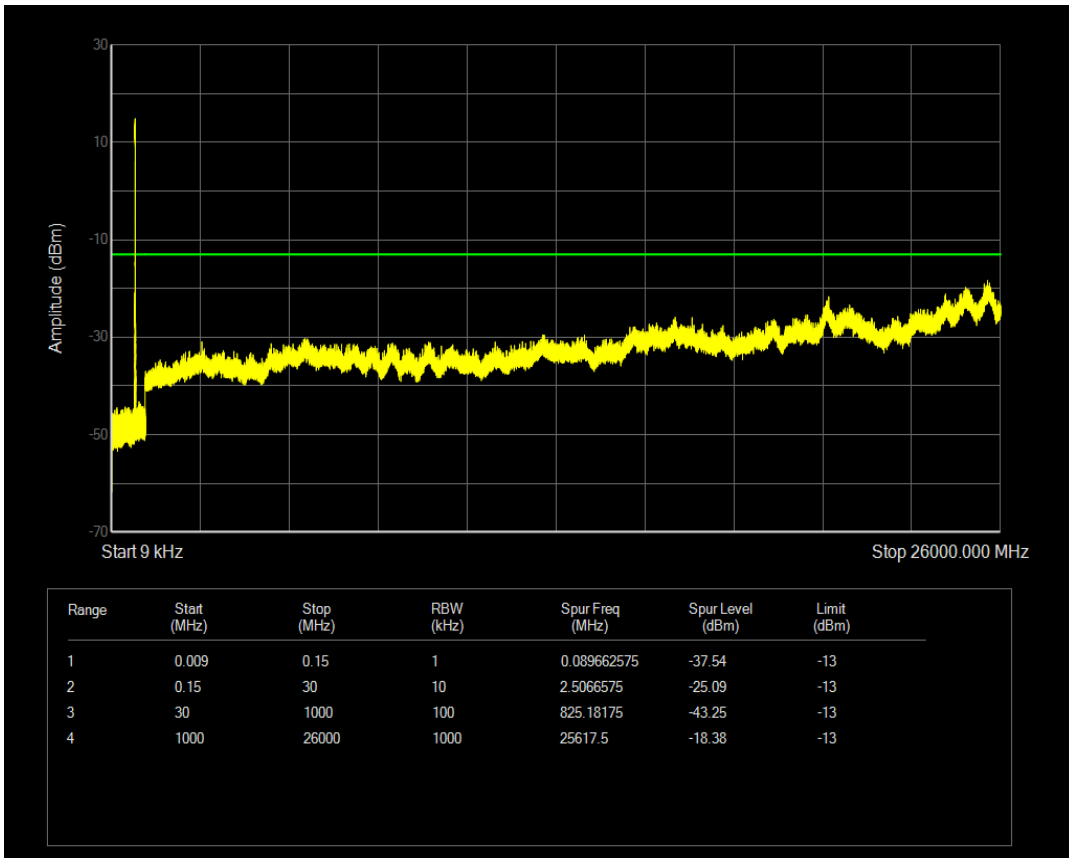
Band12 16QAM BW=5MHz Channel=23095 RB Size=25 Position=#0



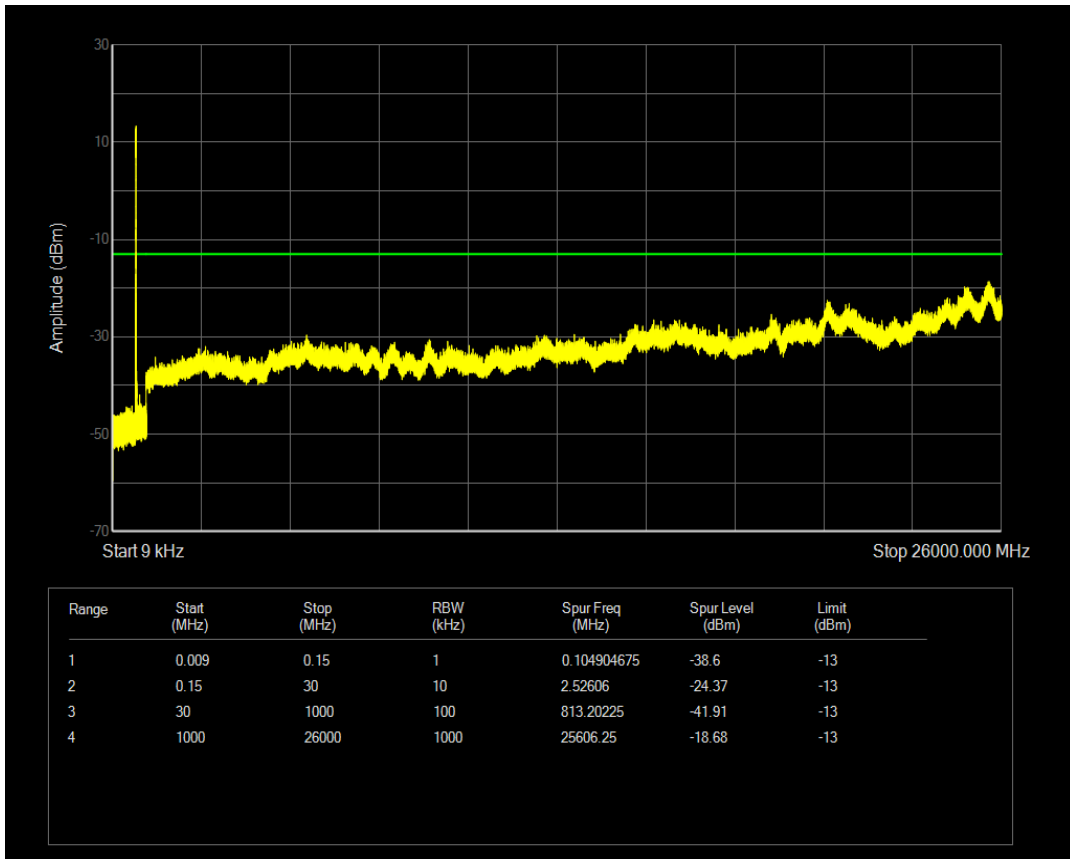
Band12 QPSK BW=5MHz Channel=23155 RB Size=25 Position=#0



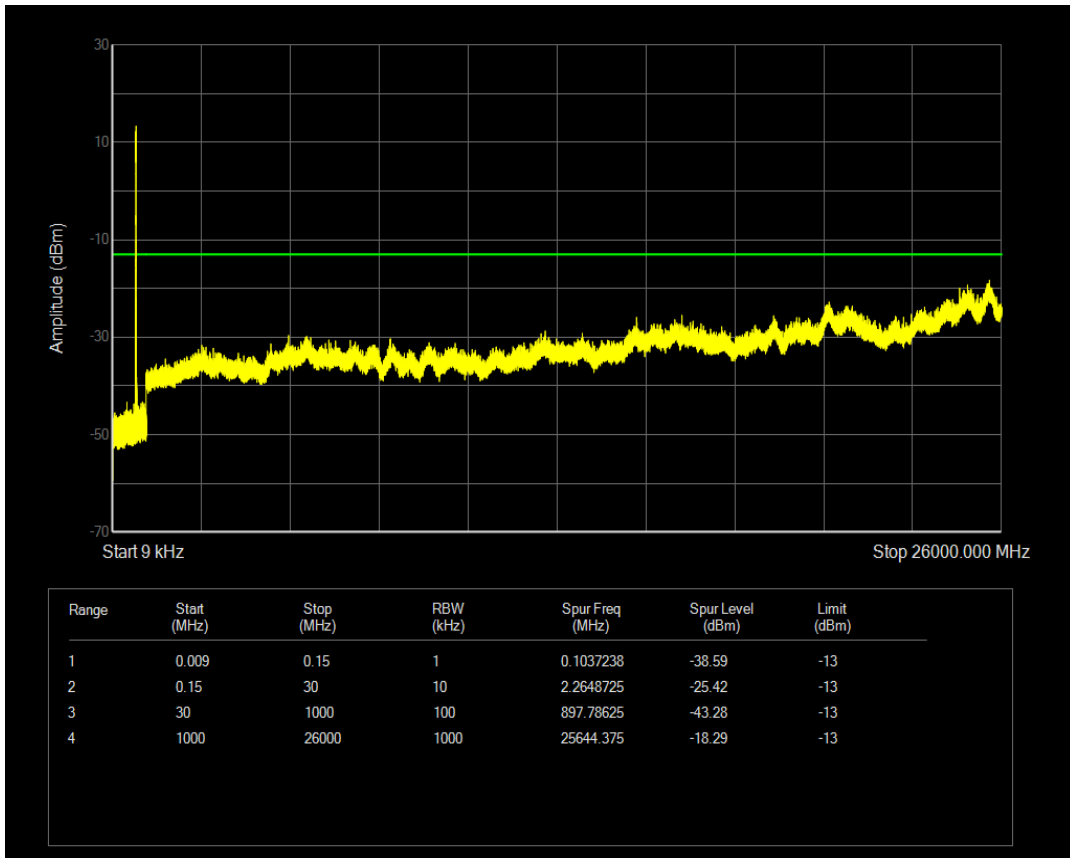
Band12 16QAM BW=5MHz Channel=23155 RB Size=25 Position=#0



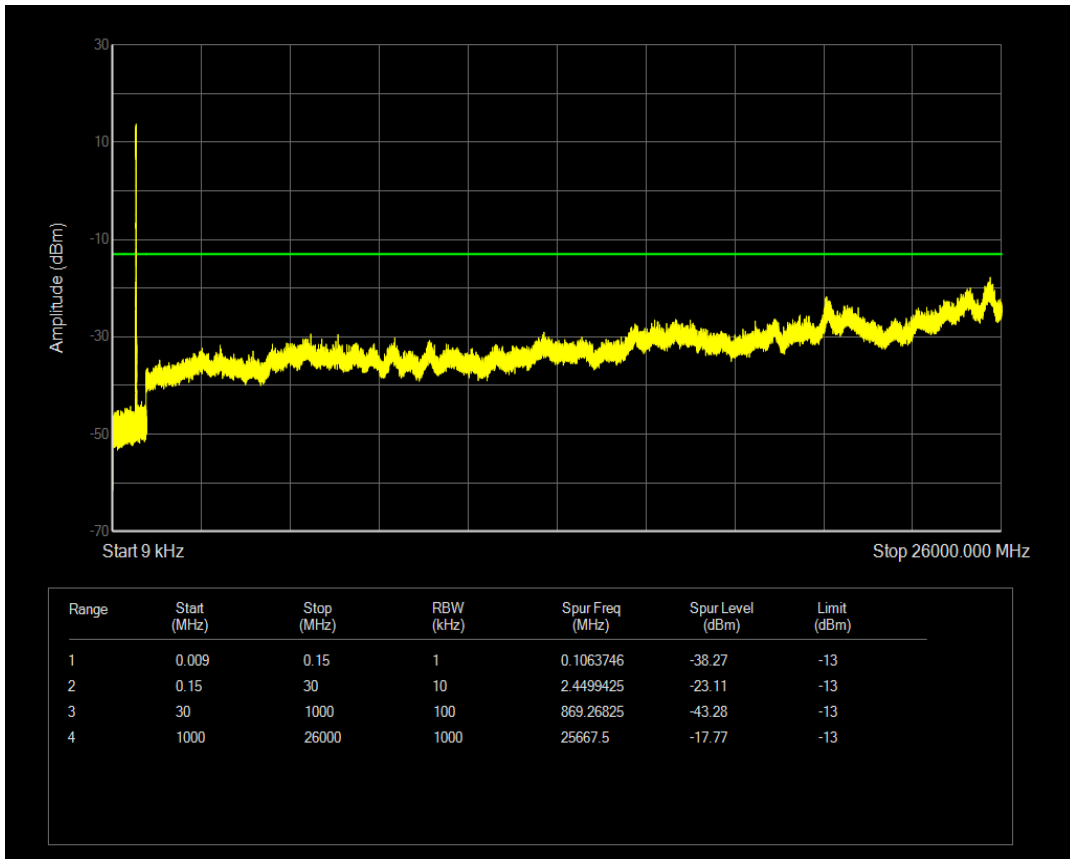
Band12 QPSK BW=10MHz Channel=23060 RB Size=50 Position=#0



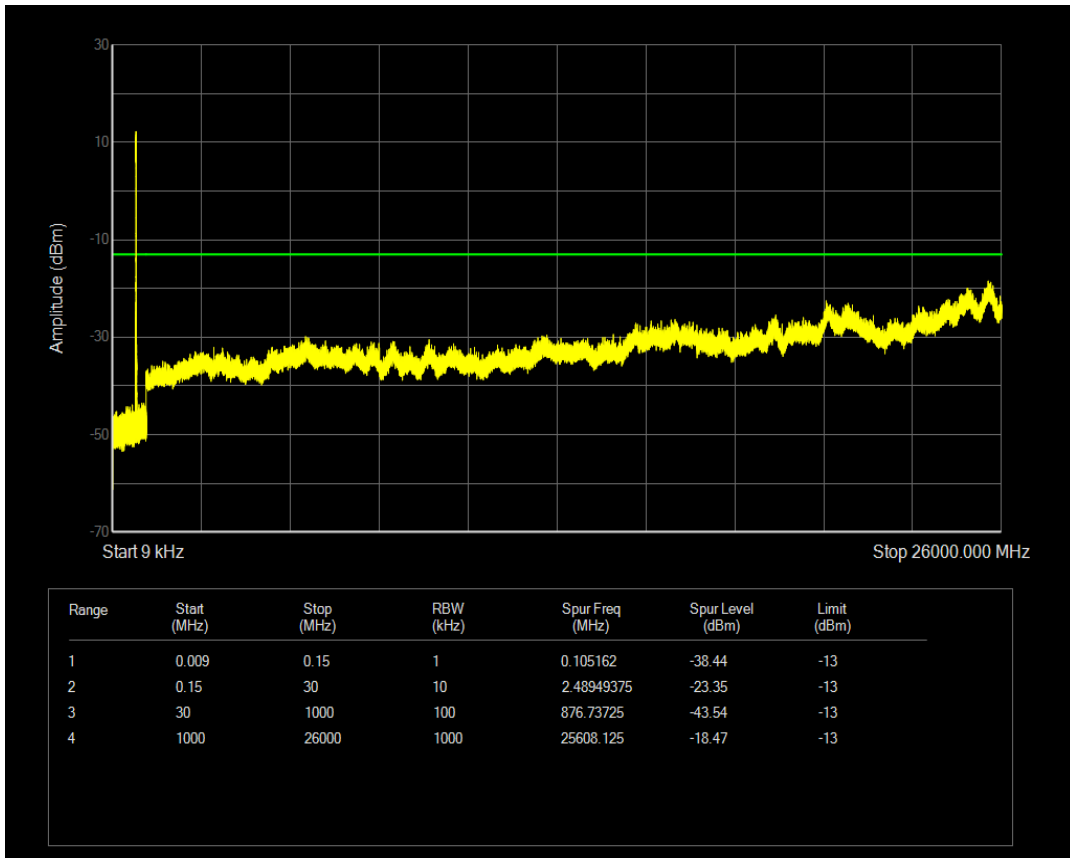
Band12 16QAM BW=10MHz Channel=23060 RB Size=50 Position=#0



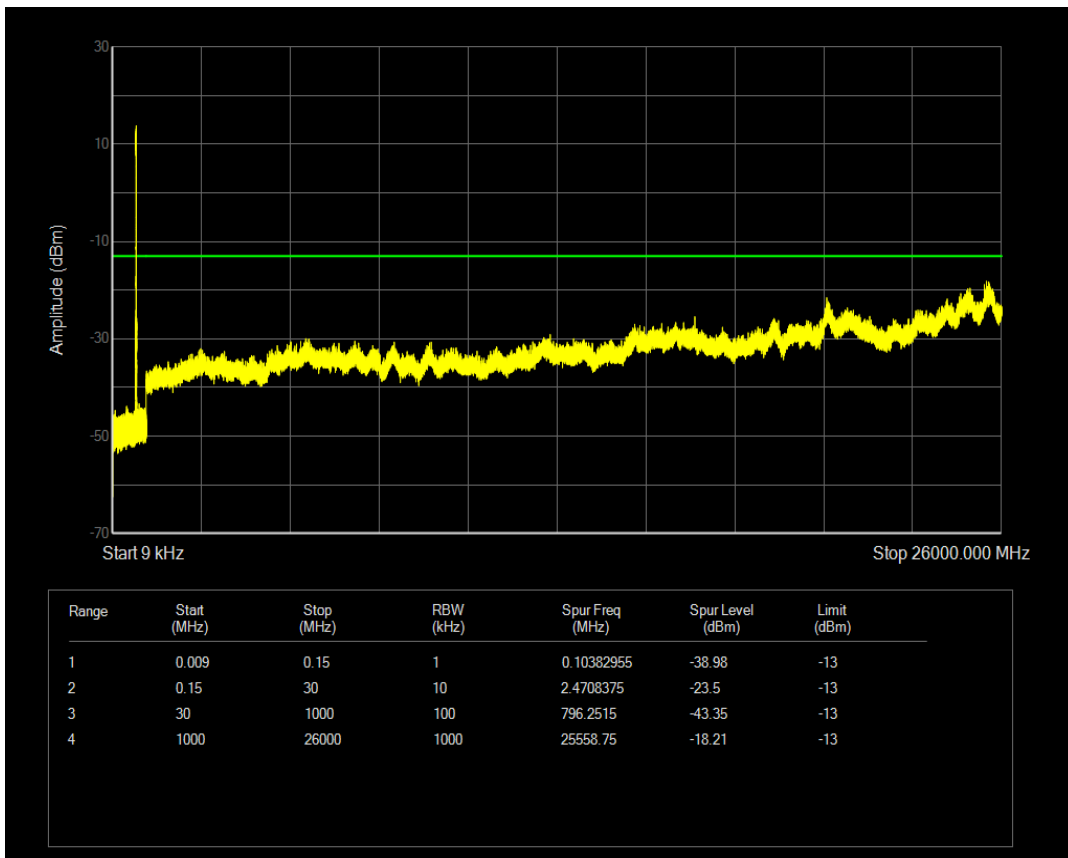
Band12 QPSK BW=10MHz Channel=23095 RB Size=50 Position=#0



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

