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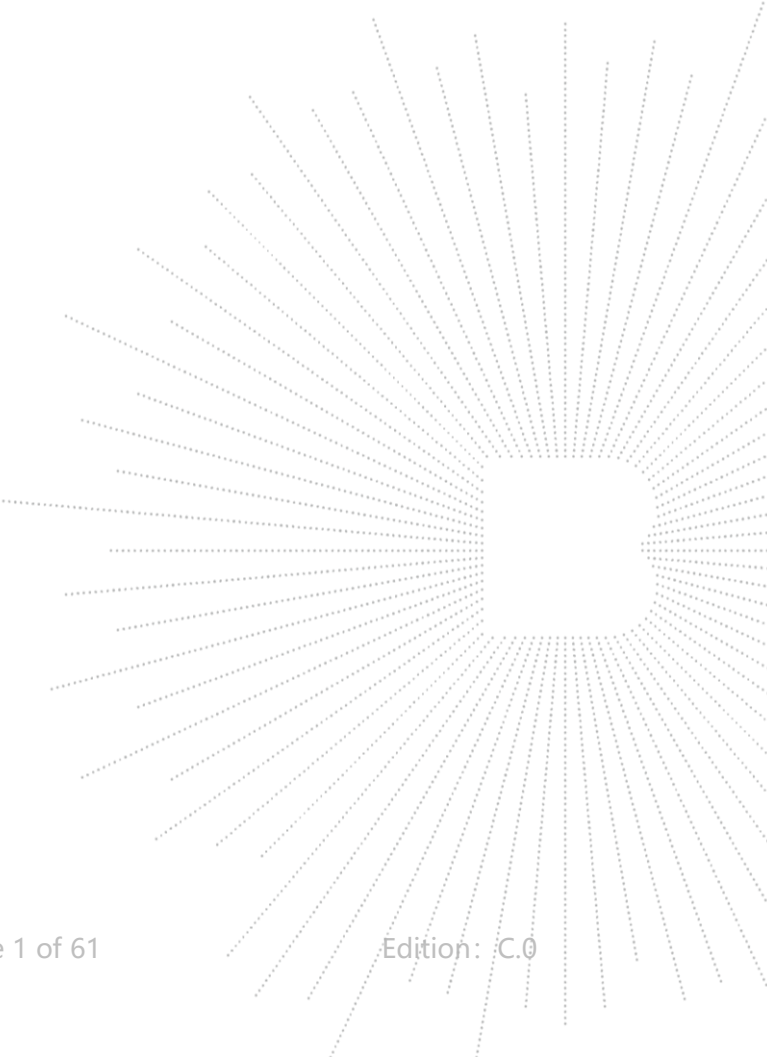
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Appendix 1. Effective Radiated Power and Effective Isotropic Radiated Power Measurement

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Gain (dBm)	ERP (dBm)	Verdict
Band12	1.4	23017	1	#0	QPSK	23.41	-1.45	19.81	PASS
Band12	1.4	23017	1	#Mid	QPSK	23.45	-1.45	19.85	PASS
Band12	1.4	23017	1	#Max	QPSK	23.37	-1.45	19.77	PASS
Band12	1.4	23017	3	#0	QPSK	23.38	-1.45	19.78	PASS
Band12	1.4	23017	3	#Mid	QPSK	23.39	-1.45	19.79	PASS
Band12	1.4	23017	3	#Max	QPSK	23.38	-1.45	19.78	PASS
Band12	1.4	23017	6	#0	QPSK	22.38	-1.45	18.78	PASS
Band12	1.4	23017	1	#0	16QAM	22.30	-1.45	18.70	PASS
Band12	1.4	23017	1	#Mid	16QAM	22.34	-1.45	18.74	PASS
Band12	1.4	23017	1	#Max	16QAM	22.30	-1.45	18.70	PASS
Band12	1.4	23017	3	#0	16QAM	22.54	-1.45	18.94	PASS
Band12	1.4	23017	3	#Mid	16QAM	22.51	-1.45	18.91	PASS
Band12	1.4	23017	3	#Max	16QAM	22.51	-1.45	18.91	PASS
Band12	1.4	23017	6	#0	16QAM	21.59	-1.45	17.99	PASS
Band12	1.4	23095	1	#0	QPSK	23.49	-1.45	19.89	PASS
Band12	1.4	23095	1	#Mid	QPSK	23.50	-1.45	19.90	PASS
Band12	1.4	23095	1	#Max	QPSK	23.45	-1.45	19.85	PASS
Band12	1.4	23095	3	#0	QPSK	23.38	-1.45	19.78	PASS
Band12	1.4	23095	3	#Mid	QPSK	23.39	-1.45	19.79	PASS
Band12	1.4	23095	3	#Max	QPSK	23.38	-1.45	19.78	PASS
Band12	1.4	23095	6	#0	QPSK	22.39	-1.45	18.79	PASS
Band12	1.4	23095	1	#0	16QAM	22.65	-1.45	19.05	PASS
Band12	1.4	23095	1	#Mid	16QAM	22.65	-1.45	19.05	PASS
Band12	1.4	23095	1	#Max	16QAM	22.62	-1.45	19.02	PASS
Band12	1.4	23095	3	#0	16QAM	22.63	-1.45	19.03	PASS
Band12	1.4	23095	3	#Mid	16QAM	22.63	-1.45	19.03	PASS
Band12	1.4	23095	3	#Max	16QAM	22.60	-1.45	19.00	PASS
Band12	1.4	23095	6	#0	16QAM	21.65	-1.45	18.05	PASS
Band12	1.4	23173	1	#0	QPSK	23.43	-1.45	19.83	PASS
Band12	1.4	23173	1	#Mid	QPSK	23.46	-1.45	19.86	PASS
Band12	1.4	23173	1	#Max	QPSK	23.41	-1.45	19.81	PASS
Band12	1.4	23173	3	#0	QPSK	23.43	-1.45	19.83	PASS
Band12	1.4	23173	3	#Mid	QPSK	23.44	-1.45	19.84	PASS
Band12	1.4	23173	3	#Max	QPSK	23.45	-1.45	19.85	PASS
Band12	1.4	23173	6	#0	QPSK	22.45	-1.45	18.85	PASS
Band12	1.4	23173	1	#0	16QAM	22.73	-1.45	19.13	PASS
Band12	1.4	23173	1	#Mid	16QAM	22.72	-1.45	19.12	PASS

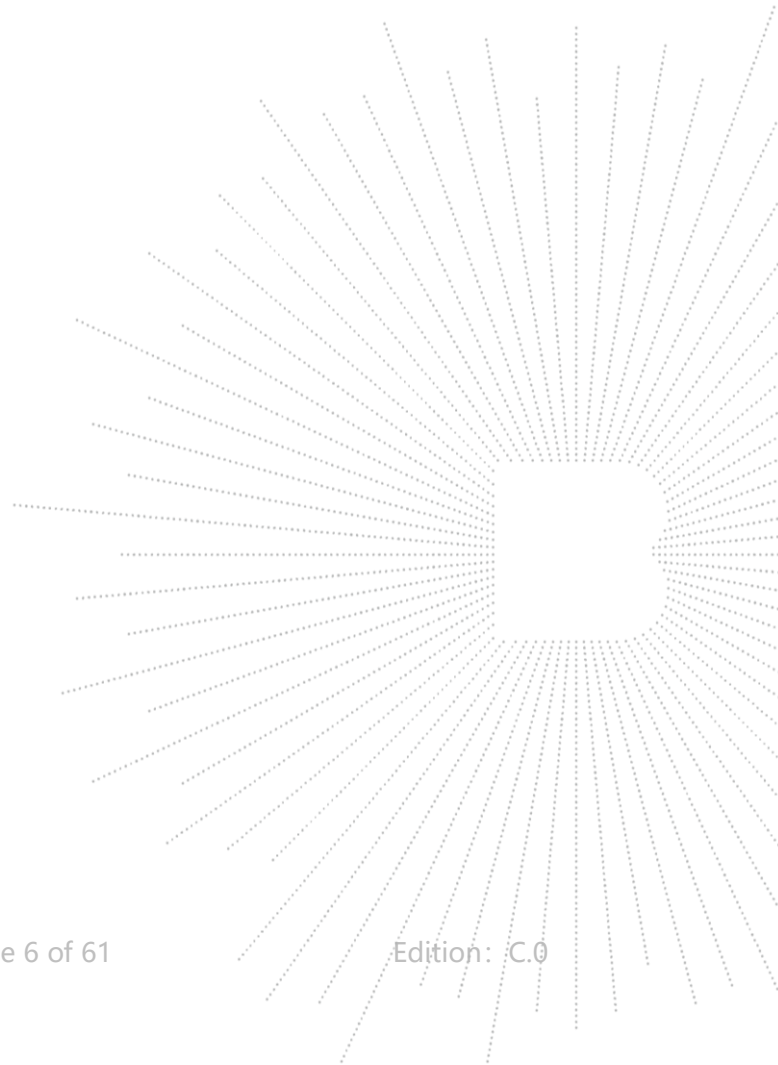
Band12	1.4	23173	1	#Max	16QAM	22.75	-1.45	19.15	PASS
Band12	1.4	23173	3	#0	16QAM	22.63	-1.45	19.03	PASS
Band12	1.4	23173	3	#Mid	16QAM	22.66	-1.45	19.06	PASS
Band12	1.4	23173	3	#Max	16QAM	22.67	-1.45	19.07	PASS
Band12	1.4	23173	6	#0	16QAM	21.69	-1.45	18.09	PASS
Band12	3	23025	1	#0	QPSK	23.40	-1.45	19.80	PASS
Band12	3	23025	1	#Mid	QPSK	23.40	-1.45	19.80	PASS
Band12	3	23025	1	#Max	QPSK	23.39	-1.45	19.79	PASS
Band12	3	23025	8	#0	QPSK	22.33	-1.45	18.73	PASS
Band12	3	23025	8	#Mid	QPSK	22.30	-1.45	18.70	PASS
Band12	3	23025	8	#Max	QPSK	22.28	-1.45	18.68	PASS
Band12	3	23025	15	#0	QPSK	22.31	-1.45	18.71	PASS
Band12	3	23025	1	#0	16QAM	22.33	-1.45	18.73	PASS
Band12	3	23025	1	#Mid	16QAM	22.29	-1.45	18.69	PASS
Band12	3	23025	1	#Max	16QAM	22.26	-1.45	18.66	PASS
Band12	3	23025	8	#0	16QAM	21.44	-1.45	17.84	PASS
Band12	3	23025	8	#Mid	16QAM	21.35	-1.45	17.75	PASS
Band12	3	23025	8	#Max	16QAM	21.36	-1.45	17.76	PASS
Band12	3	23025	15	#0	16QAM	21.46	-1.45	17.86	PASS
Band12	3	23095	1	#0	QPSK	23.48	-1.45	19.88	PASS
Band12	3	23095	1	#Mid	QPSK	23.45	-1.45	19.85	PASS
Band12	3	23095	1	#Max	QPSK	23.41	-1.45	19.81	PASS
Band12	3	23095	8	#0	QPSK	22.39	-1.45	18.79	PASS
Band12	3	23095	8	#Mid	QPSK	22.39	-1.45	18.79	PASS
Band12	3	23095	8	#Max	QPSK	22.37	-1.45	18.77	PASS
Band12	3	23095	15	#0	QPSK	22.36	-1.45	18.76	PASS
Band12	3	23095	1	#0	16QAM	22.90	-1.45	19.30	PASS
Band12	3	23095	1	#Mid	16QAM	22.93	-1.45	19.33	PASS
Band12	3	23095	1	#Max	16QAM	22.86	-1.45	19.26	PASS
Band12	3	23095	8	#0	16QAM	21.47	-1.45	17.87	PASS
Band12	3	23095	8	#Mid	16QAM	21.50	-1.45	17.90	PASS
Band12	3	23095	8	#Max	16QAM	21.48	-1.45	17.88	PASS
Band12	3	23095	15	#0	16QAM	21.49	-1.45	17.89	PASS
Band12	3	23165	1	#0	QPSK	23.44	-1.45	19.84	PASS
Band12	3	23165	1	#Mid	QPSK	23.43	-1.45	19.83	PASS
Band12	3	23165	1	#Max	QPSK	23.47	-1.45	19.87	PASS
Band12	3	23165	8	#0	QPSK	22.45	-1.45	18.85	PASS
Band12	3	23165	8	#Mid	QPSK	22.43	-1.45	18.83	PASS
Band12	3	23165	8	#Max	QPSK	22.43	-1.45	18.83	PASS
Band12	3	23165	15	#0	QPSK	22.46	-1.45	18.86	PASS
Band12	3	23165	1	#0	16QAM	22.71	-1.45	19.11	PASS
Band12	3	23165	1	#Mid	16QAM	22.71	-1.45	19.11	PASS
Band12	3	23165	1	#Max	16QAM	22.72	-1.45	19.12	PASS

Band12	3	23165	8	#0	16QAM	21.47	-1.45	17.87	PASS
Band12	3	23165	8	#Mid	16QAM	21.49	-1.45	17.89	PASS
Band12	3	23165	8	#Max	16QAM	21.54	-1.45	17.94	PASS
Band12	3	23165	15	#0	16QAM	21.41	-1.45	17.81	PASS
Band12	5	23035	1	#0	QPSK	23.43	-1.45	19.83	PASS
Band12	5	23035	1	#Mid	QPSK	23.36	-1.45	19.76	PASS
Band12	5	23035	1	#Max	QPSK	23.40	-1.45	19.80	PASS
Band12	5	23035	12	#0	QPSK	22.36	-1.45	18.76	PASS
Band12	5	23035	12	#Mid	QPSK	22.35	-1.45	18.75	PASS
Band12	5	23035	12	#Max	QPSK	22.38	-1.45	18.78	PASS
Band12	5	23035	25	#0	QPSK	22.36	-1.45	18.76	PASS
Band12	5	23035	1	#0	16QAM	22.76	-1.45	19.16	PASS
Band12	5	23035	1	#Mid	16QAM	22.70	-1.45	19.10	PASS
Band12	5	23035	1	#Max	16QAM	22.81	-1.45	19.21	PASS
Band12	5	23035	12	#0	16QAM	21.44	-1.45	17.84	PASS
Band12	5	23035	12	#Mid	16QAM	21.44	-1.45	17.84	PASS
Band12	5	23035	12	#Max	16QAM	21.48	-1.45	17.88	PASS
Band12	5	23035	25	#0	16QAM	21.36	-1.45	17.76	PASS
Band12	5	23095	1	#0	QPSK	23.51	-1.45	19.91	PASS
Band12	5	23095	1	#Mid	QPSK	23.50	-1.45	19.90	PASS
Band12	5	23095	1	#Max	QPSK	23.53	-1.45	19.93	PASS
Band12	5	23095	12	#0	QPSK	22.47	-1.45	18.87	PASS
Band12	5	23095	12	#Mid	QPSK	22.43	-1.45	18.83	PASS
Band12	5	23095	12	#Max	QPSK	22.41	-1.45	18.81	PASS
Band12	5	23095	25	#0	QPSK	22.42	-1.45	18.82	PASS
Band12	5	23095	1	#0	16QAM	23.01	-1.45	19.41	PASS
Band12	5	23095	1	#Mid	16QAM	22.97	-1.45	19.37	PASS
Band12	5	23095	1	#Max	16QAM	23.00	-1.45	19.40	PASS
Band12	5	23095	12	#0	16QAM	21.54	-1.45	17.94	PASS
Band12	5	23095	12	#Mid	16QAM	21.48	-1.45	17.88	PASS
Band12	5	23095	12	#Max	16QAM	21.46	-1.45	17.86	PASS
Band12	5	23095	25	#0	16QAM	21.46	-1.45	17.86	PASS
Band12	5	23155	1	#0	QPSK	23.51	-1.45	19.91	PASS
Band12	5	23155	1	#Mid	QPSK	23.52	-1.45	19.92	PASS
Band12	5	23155	1	#Max	QPSK	23.66	-1.45	20.06	PASS
Band12	5	23155	12	#0	QPSK	22.48	-1.45	18.88	PASS
Band12	5	23155	12	#Mid	QPSK	22.40	-1.45	18.80	PASS
Band12	5	23155	12	#Max	QPSK	22.42	-1.45	18.82	PASS
Band12	5	23155	25	#0	QPSK	22.42	-1.45	18.82	PASS
Band12	5	23155	1	#0	16QAM	22.92	-1.45	19.32	PASS
Band12	5	23155	1	#Mid	16QAM	22.91	-1.45	19.31	PASS
Band12	5	23155	1	#Max	16QAM	23.04	-1.45	19.44	PASS
Band12	5	23155	12	#0	16QAM	21.46	-1.45	17.86	PASS

Band12	5	23155	12	#Mid	16QAM	21.44	-1.45	17.84	PASS
Band12	5	23155	12	#Max	16QAM	21.43	-1.45	17.83	PASS
Band12	5	23155	25	#0	16QAM	21.51	-1.45	17.91	PASS
Band12	10	23060	1	#0	QPSK	23.43	-1.45	19.83	PASS
Band12	10	23060	1	#Mid	QPSK	23.41	-1.45	19.81	PASS
Band12	10	23060	1	#Max	QPSK	23.45	-1.45	19.85	PASS
Band12	10	23060	25	#0	QPSK	22.37	-1.45	18.77	PASS
Band12	10	23060	25	#Mid	QPSK	22.39	-1.45	18.79	PASS
Band12	10	23060	25	#Max	QPSK	22.42	-1.45	18.82	PASS
Band12	10	23060	50	#0	QPSK	22.41	-1.45	18.81	PASS
Band12	10	23060	1	#0	16QAM	22.62	-1.45	19.02	PASS
Band12	10	23060	1	#Mid	16QAM	22.62	-1.45	19.02	PASS
Band12	10	23060	1	#Max	16QAM	22.65	-1.45	19.05	PASS
Band12	10	23060	25	#0	16QAM	21.47	-1.45	17.87	PASS
Band12	10	23060	25	#Mid	16QAM	21.47	-1.45	17.87	PASS
Band12	10	23060	25	#Max	16QAM	21.48	-1.45	17.88	PASS
Band12	10	23060	50	#0	16QAM	21.46	-1.45	17.86	PASS
Band12	10	23095	1	#0	QPSK	23.43	-1.45	19.83	PASS
Band12	10	23095	1	#Mid	QPSK	23.52	-1.45	19.92	PASS
Band12	10	23095	1	#Max	QPSK	23.52	-1.45	19.92	PASS
Band12	10	23095	25	#0	QPSK	22.43	-1.45	18.83	PASS
Band12	10	23095	25	#Mid	QPSK	22.43	-1.45	18.83	PASS
Band12	10	23095	25	#Max	QPSK	22.44	-1.45	18.84	PASS
Band12	10	23095	50	#0	QPSK	22.48	-1.45	18.88	PASS
Band12	10	23095	1	#0	16QAM	22.32	-1.45	18.72	PASS
Band12	10	23095	1	#Mid	16QAM	22.35	-1.45	18.75	PASS
Band12	10	23095	1	#Max	16QAM	22.38	-1.45	18.78	PASS
Band12	10	23095	25	#0	16QAM	21.48	-1.45	17.88	PASS
Band12	10	23095	25	#Mid	16QAM	21.50	-1.45	17.90	PASS
Band12	10	23095	25	#Max	16QAM	21.49	-1.45	17.89	PASS
Band12	10	23095	50	#0	16QAM	21.50	-1.45	17.90	PASS
Band12	10	23130	1	#0	QPSK	23.49	-1.45	19.89	PASS
Band12	10	23130	1	#Mid	QPSK	23.50	-1.45	19.90	PASS
Band12	10	23130	1	#Max	QPSK	23.56	-1.45	19.96	PASS
Band12	10	23130	25	#0	QPSK	22.41	-1.45	18.81	PASS
Band12	10	23130	25	#Mid	QPSK	22.47	-1.45	18.87	PASS
Band12	10	23130	25	#Max	QPSK	22.42	-1.45	18.82	PASS
Band12	10	23130	50	#0	QPSK	22.45	-1.45	18.85	PASS
Band12	10	23130	1	#0	16QAM	22.94	-1.45	19.34	PASS
Band12	10	23130	1	#Mid	16QAM	22.95	-1.45	19.35	PASS
Band12	10	23130	1	#Max	16QAM	22.95	-1.45	19.35	PASS
Band12	10	23130	25	#0	16QAM	21.49	-1.45	17.89	PASS
Band12	10	23130	25	#Mid	16QAM	21.52	-1.45	17.92	PASS

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Band12	10	23130	25	#Max	16QAM	21.48	-1.45	17.88	PASS
Band12	10	23130	50	#0	16QAM	21.49	-1.45	17.89	PASS



Appendix 2.Frequency stability

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Voltage (Vdc)	Temperature (C)	Result (Hz)	Result (ppm)	Verdict
Band12	1.4	23017	6	#0	QPSK	LV	NT	-1.03	-0.001	PASS
Band12	1.4	23017	6	#0	QPSK	NV	NT	-1.43	-0.002	PASS
Band12	1.4	23017	6	#0	QPSK	HV	NT	1.77	0.003	PASS
Band12	1.4	23017	6	#0	16QAM	LV	NT	1.63	0.002	PASS
Band12	1.4	23017	6	#0	16QAM	NV	NT	-1.73	-0.002	PASS
Band12	1.4	23017	6	#0	16QAM	HV	NT	-2.62	-0.004	PASS
Band12	1.4	23095	6	#0	QPSK	LV	NT	3.50	0.005	PASS
Band12	1.4	23095	6	#0	QPSK	NV	NT	3.83	0.005	PASS
Band12	1.4	23095	6	#0	QPSK	HV	NT	2.35	0.003	PASS
Band12	1.4	23095	6	#0	16QAM	LV	NT	3.26	0.005	PASS
Band12	1.4	23095	6	#0	16QAM	NV	NT	2.98	0.004	PASS
Band12	1.4	23095	6	#0	16QAM	HV	NT	1.57	0.002	PASS
Band12	1.4	23173	6	#0	QPSK	LV	NT	2.65	0.004	PASS
Band12	1.4	23173	6	#0	QPSK	NV	NT	2.42	0.003	PASS
Band12	1.4	23173	6	#0	QPSK	HV	NT	2.32	0.003	PASS
Band12	1.4	23173	6	#0	16QAM	LV	NT	1.40	0.002	PASS
Band12	1.4	23173	6	#0	16QAM	NV	NT	2.03	0.003	PASS
Band12	1.4	23173	6	#0	16QAM	HV	NT	0.82	0.001	PASS
Band12	3	23025	15	#0	QPSK	LV	NT	-0.17	0.000	PASS
Band12	3	23025	15	#0	QPSK	NV	NT	-1.14	-0.002	PASS
Band12	3	23025	15	#0	QPSK	HV	NT	-2.46	-0.004	PASS
Band12	3	23025	15	#0	16QAM	LV	NT	-1.43	-0.002	PASS
Band12	3	23025	15	#0	16QAM	NV	NT	-1.57	-0.002	PASS
Band12	3	23025	15	#0	16QAM	HV	NT	-1.83	-0.003	PASS
Band12	3	23095	15	#0	QPSK	LV	NT	-0.50	-0.001	PASS
Band12	3	23095	15	#0	QPSK	NV	NT	-1.27	-0.002	PASS
Band12	3	23095	15	#0	QPSK	HV	NT	-0.07	0.000	PASS
Band12	3	23095	15	#0	16QAM	LV	NT	0.70	0.001	PASS
Band12	3	23095	15	#0	16QAM	NV	NT	-0.64	-0.001	PASS
Band12	3	23095	15	#0	16QAM	HV	NT	0.56	0.001	PASS
Band12	3	23165	15	#0	QPSK	LV	NT	0.41	0.001	PASS
Band12	3	23165	15	#0	QPSK	NV	NT	-1.06	-0.001	PASS
Band12	3	23165	15	#0	QPSK	HV	NT	-0.16	0.000	PASS
Band12	3	23165	15	#0	16QAM	LV	NT	-0.27	0.000	PASS
Band12	3	23165	15	#0	16QAM	NV	NT	-1.44	-0.002	PASS
Band12	3	23165	15	#0	16QAM	HV	NT	-0.14	0.000	PASS
Band12	5	23035	25	#0	QPSK	LV	NT	-0.87	-0.001	PASS
Band12	5	23035	25	#0	QPSK	NV	NT	0.92	0.001	PASS
Band12	5	23035	25	#0	QPSK	HV	NT	0.77	0.001	PASS

Band12	5	23035	25	#0	16QAM	LV	NT	-2.43	-0.003	PASS
Band12	5	23035	25	#0	16QAM	NV	NT	0.73	0.001	PASS
Band12	5	23035	25	#0	16QAM	HV	NT	1.07	0.002	PASS
Band12	5	23095	25	#0	QPSK	LV	NT	-0.36	-0.001	PASS
Band12	5	23095	25	#0	QPSK	NV	NT	-1.04	-0.001	PASS
Band12	5	23095	25	#0	QPSK	HV	NT	0.30	0.000	PASS
Band12	5	23095	25	#0	16QAM	LV	NT	-0.64	-0.001	PASS
Band12	5	23095	25	#0	16QAM	NV	NT	-1.93	-0.003	PASS
Band12	5	23095	25	#0	16QAM	HV	NT	-0.89	-0.001	PASS
Band12	5	23155	25	#0	QPSK	LV	NT	-0.86	-0.001	PASS
Band12	5	23155	25	#0	QPSK	NV	NT	-1.95	-0.003	PASS
Band12	5	23155	25	#0	QPSK	HV	NT	-1.16	-0.002	PASS
Band12	5	23155	25	#0	16QAM	LV	NT	-0.37	-0.001	PASS
Band12	5	23155	25	#0	16QAM	NV	NT	-1.43	-0.002	PASS
Band12	5	23155	25	#0	16QAM	HV	NT	-1.19	-0.002	PASS
Band12	10	23060	50	#0	QPSK	LV	NT	-2.95	-0.004	PASS
Band12	10	23060	50	#0	QPSK	NV	NT	-1.47	-0.002	PASS
Band12	10	23060	50	#0	QPSK	HV	NT	-1.23	-0.002	PASS
Band12	10	23060	50	#0	16QAM	LV	NT	-1.99	-0.003	PASS
Band12	10	23060	50	#0	16QAM	NV	NT	-0.59	-0.001	PASS
Band12	10	23060	50	#0	16QAM	HV	NT	-0.06	0.000	PASS
Band12	10	23095	50	#0	QPSK	LV	NT	2.62	0.004	PASS
Band12	10	23095	50	#0	QPSK	NV	NT	2.36	0.003	PASS
Band12	10	23095	50	#0	QPSK	HV	NT	2.13	0.003	PASS
Band12	10	23095	50	#0	16QAM	LV	NT	1.75	0.002	PASS
Band12	10	23095	50	#0	16QAM	NV	NT	2.12	0.003	PASS
Band12	10	23095	50	#0	16QAM	HV	NT	0.11	0.000	PASS
Band12	10	23130	50	#0	QPSK	LV	NT	3.40	0.005	PASS
Band12	10	23130	50	#0	QPSK	NV	NT	0.93	0.001	PASS
Band12	10	23130	50	#0	QPSK	HV	NT	0.20	0.000	PASS
Band12	10	23130	50	#0	16QAM	LV	NT	1.99	0.003	PASS
Band12	10	23130	50	#0	16QAM	NV	NT	0.11	0.000	PASS
Band12	10	23130	50	#0	16QAM	HV	NT	0.49	0.001	PASS
Band12	1.4	23017	6	#0	QPSK	NV	-30	1.89	0.003	PASS
Band12	1.4	23017	6	#0	QPSK	NV	-20	0.87	0.001	PASS
Band12	1.4	23017	6	#0	QPSK	NV	0	0.17	0.000	PASS
Band12	1.4	23017	6	#0	QPSK	NV	10	-0.90	-0.001	PASS
Band12	1.4	23017	6	#0	QPSK	NV	20	-4.03	-0.006	PASS
Band12	1.4	23017	6	#0	QPSK	NV	30	-5.68	-0.008	PASS
Band12	1.4	23017	6	#0	QPSK	NV	40	-3.09	-0.004	PASS
Band12	1.4	23017	6	#0	QPSK	NV	50	-0.64	-0.001	PASS
Band12	1.4	23017	6	#0	16QAM	NV	-30	-0.84	-0.001	PASS
Band12	1.4	23017	6	#0	16QAM	NV	-20	-0.80	-0.001	PASS

Band12	1.4	23017	6	#0	16QAM	NV	0	-0.74	-0.001	PASS
Band12	1.4	23017	6	#0	16QAM	NV	10	0.14	0.000	PASS
Band12	1.4	23017	6	#0	16QAM	NV	20	-1.47	-0.002	PASS
Band12	1.4	23017	6	#0	16QAM	NV	30	-0.97	-0.001	PASS
Band12	1.4	23017	6	#0	16QAM	NV	40	0.17	0.000	PASS
Band12	1.4	23017	6	#0	16QAM	NV	50	-1.47	-0.002	PASS
Band12	1.4	23095	6	#0	QPSK	NV	-30	1.12	0.002	PASS
Band12	1.4	23095	6	#0	QPSK	NV	-20	0.03	0.000	PASS
Band12	1.4	23095	6	#0	QPSK	NV	0	0.46	0.001	PASS
Band12	1.4	23095	6	#0	QPSK	NV	10	-0.51	-0.001	PASS
Band12	1.4	23095	6	#0	QPSK	NV	20	-0.11	0.000	PASS
Band12	1.4	23095	6	#0	QPSK	NV	30	-0.37	-0.001	PASS
Band12	1.4	23095	6	#0	QPSK	NV	40	-0.06	0.000	PASS
Band12	1.4	23095	6	#0	QPSK	NV	50	-0.17	0.000	PASS
Band12	1.4	23095	6	#0	16QAM	NV	-30	-0.14	0.000	PASS
Band12	1.4	23095	6	#0	16QAM	NV	-20	-0.66	-0.001	PASS
Band12	1.4	23095	6	#0	16QAM	NV	0	0.46	0.001	PASS
Band12	1.4	23095	6	#0	16QAM	NV	10	3.39	0.005	PASS
Band12	1.4	23095	6	#0	16QAM	NV	20	3.59	0.005	PASS
Band12	1.4	23095	6	#0	16QAM	NV	30	2.30	0.003	PASS
Band12	1.4	23095	6	#0	16QAM	NV	40	1.79	0.003	PASS
Band12	1.4	23095	6	#0	16QAM	NV	50	-1.62	-0.002	PASS
Band12	1.4	23173	6	#0	QPSK	NV	-30	1.23	0.002	PASS
Band12	1.4	23173	6	#0	QPSK	NV	-20	0.82	0.001	PASS
Band12	1.4	23173	6	#0	QPSK	NV	0	1.49	0.002	PASS
Band12	1.4	23173	6	#0	QPSK	NV	10	-0.24	0.000	PASS
Band12	1.4	23173	6	#0	QPSK	NV	20	-0.37	-0.001	PASS
Band12	1.4	23173	6	#0	QPSK	NV	30	0.74	0.001	PASS
Band12	1.4	23173	6	#0	QPSK	NV	40	0.86	0.001	PASS
Band12	1.4	23173	6	#0	QPSK	NV	50	0.17	0.000	PASS
Band12	1.4	23173	6	#0	16QAM	NV	-30	0.11	0.000	PASS
Band12	1.4	23173	6	#0	16QAM	NV	-20	-0.83	-0.001	PASS
Band12	1.4	23173	6	#0	16QAM	NV	0	0.47	0.001	PASS
Band12	1.4	23173	6	#0	16QAM	NV	10	-0.21	0.000	PASS
Band12	1.4	23173	6	#0	16QAM	NV	20	-0.72	-0.001	PASS
Band12	1.4	23173	6	#0	16QAM	NV	30	-1.50	-0.002	PASS
Band12	1.4	23173	6	#0	16QAM	NV	40	2.07	0.003	PASS
Band12	1.4	23173	6	#0	16QAM	NV	50	3.73	0.005	PASS
Band12	3	23025	15	#0	QPSK	NV	-30	-2.09	-0.003	PASS
Band12	3	23025	15	#0	QPSK	NV	-20	-3.96	-0.006	PASS
Band12	3	23025	15	#0	QPSK	NV	0	-6.21	-0.009	PASS
Band12	3	23025	15	#0	QPSK	NV	10	-3.43	-0.005	PASS
Band12	3	23025	15	#0	QPSK	NV	20	-0.63	-0.001	PASS

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Band12	3	23025	15	#0	QPSK	NV	30	-0.13	0.000	PASS
Band12	3	23025	15	#0	QPSK	NV	40	-1.37	-0.002	PASS
Band12	3	23025	15	#0	QPSK	NV	50	-0.84	-0.001	PASS
Band12	3	23025	15	#0	16QAM	NV	-30	0.10	0.000	PASS
Band12	3	23025	15	#0	16QAM	NV	-20	1.27	0.002	PASS
Band12	3	23025	15	#0	16QAM	NV	0	1.22	0.002	PASS
Band12	3	23025	15	#0	16QAM	NV	10	0.89	0.001	PASS
Band12	3	23025	15	#0	16QAM	NV	20	-0.73	-0.001	PASS
Band12	3	23025	15	#0	16QAM	NV	30	-3.93	-0.006	PASS
Band12	3	23025	15	#0	16QAM	NV	40	-3.46	-0.005	PASS
Band12	3	23025	15	#0	16QAM	NV	50	-2.96	-0.004	PASS
Band12	3	23095	15	#0	QPSK	NV	-30	-1.89	-0.003	PASS
Band12	3	23095	15	#0	QPSK	NV	-20	-1.92	-0.003	PASS
Band12	3	23095	15	#0	QPSK	NV	0	1.56	0.002	PASS
Band12	3	23095	15	#0	QPSK	NV	10	1.07	0.002	PASS
Band12	3	23095	15	#0	QPSK	NV	20	3.09	0.004	PASS
Band12	3	23095	15	#0	QPSK	NV	30	-2.55	-0.004	PASS
Band12	3	23095	15	#0	QPSK	NV	40	-0.72	-0.001	PASS
Band12	3	23095	15	#0	QPSK	NV	50	-0.84	-0.001	PASS
Band12	3	23095	15	#0	16QAM	NV	-30	-2.30	-0.003	PASS
Band12	3	23095	15	#0	16QAM	NV	-20	-2.45	-0.003	PASS
Band12	3	23095	15	#0	16QAM	NV	0	-1.27	-0.002	PASS
Band12	3	23095	15	#0	16QAM	NV	10	-1.54	-0.002	PASS
Band12	3	23095	15	#0	16QAM	NV	20	1.34	0.002	PASS
Band12	3	23095	15	#0	16QAM	NV	30	0.97	0.001	PASS
Band12	3	23095	15	#0	16QAM	NV	40	2.32	0.003	PASS
Band12	3	23095	15	#0	16QAM	NV	50	0.89	0.001	PASS
Band12	3	23165	15	#0	QPSK	NV	-30	2.96	0.004	PASS
Band12	3	23165	15	#0	QPSK	NV	-20	2.90	0.004	PASS
Band12	3	23165	15	#0	QPSK	NV	0	1.93	0.003	PASS
Band12	3	23165	15	#0	QPSK	NV	10	2.00	0.003	PASS
Band12	3	23165	15	#0	QPSK	NV	20	1.03	0.001	PASS
Band12	3	23165	15	#0	QPSK	NV	30	4.88	0.007	PASS
Band12	3	23165	15	#0	QPSK	NV	40	5.19	0.007	PASS
Band12	3	23165	15	#0	QPSK	NV	50	1.72	0.002	PASS
Band12	3	23165	15	#0	16QAM	NV	-30	1.40	0.002	PASS
Band12	3	23165	15	#0	16QAM	NV	-20	1.73	0.002	PASS
Band12	3	23165	15	#0	16QAM	NV	0	1.12	0.002	PASS
Band12	3	23165	15	#0	16QAM	NV	10	1.20	0.002	PASS
Band12	3	23165	15	#0	16QAM	NV	20	2.68	0.004	PASS
Band12	3	23165	15	#0	16QAM	NV	30	1.54	0.002	PASS
Band12	3	23165	15	#0	16QAM	NV	40	0.79	0.001	PASS
Band12	3	23165	15	#0	16QAM	NV	50	1.13	0.002	PASS

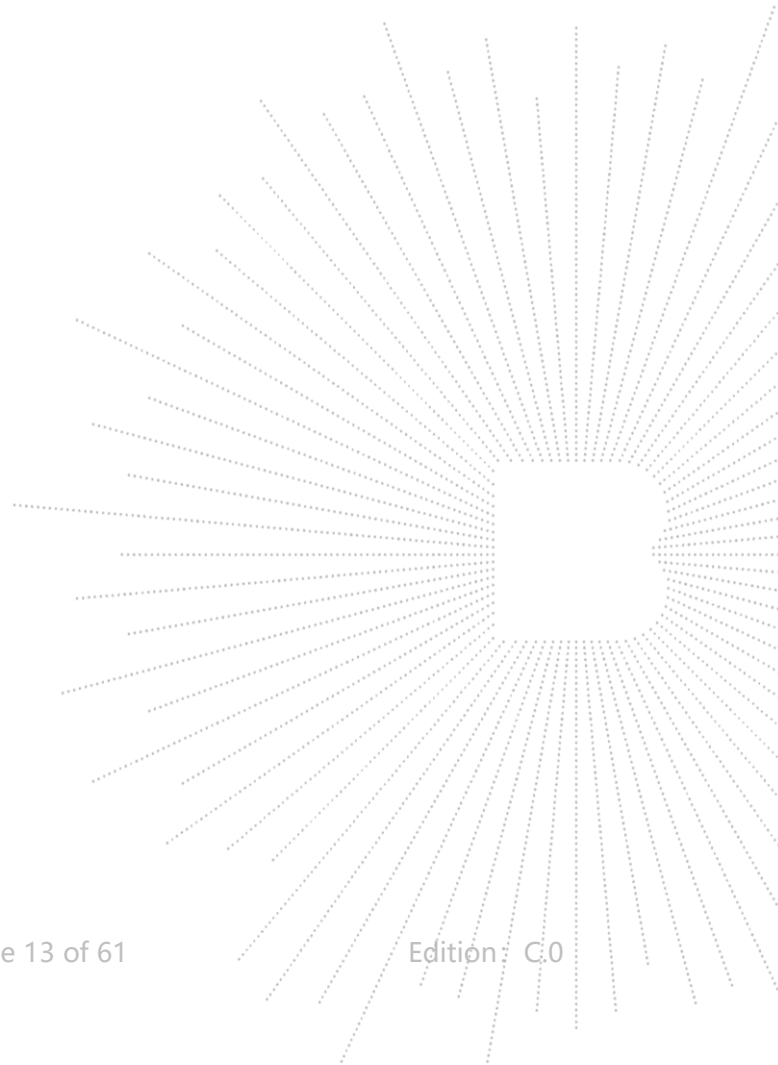
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Band12	5	23035	25	#0	QPSK	NV	-30	-1.67	-0.002	PASS
Band12	5	23035	25	#0	QPSK	NV	-20	-3.02	-0.004	PASS
Band12	5	23035	25	#0	QPSK	NV	0	0.27	0.000	PASS
Band12	5	23035	25	#0	QPSK	NV	10	1.49	0.002	PASS
Band12	5	23035	25	#0	QPSK	NV	20	0.59	0.001	PASS
Band12	5	23035	25	#0	QPSK	NV	30	-3.02	-0.004	PASS
Band12	5	23035	25	#0	QPSK	NV	40	1.26	0.002	PASS
Band12	5	23035	25	#0	QPSK	NV	50	1.75	0.002	PASS
Band12	5	23035	25	#0	16QAM	NV	-30	-0.76	-0.001	PASS
Band12	5	23035	25	#0	16QAM	NV	-20	2.13	0.003	PASS
Band12	5	23035	25	#0	16QAM	NV	0	2.88	0.004	PASS
Band12	5	23035	25	#0	16QAM	NV	10	2.93	0.004	PASS
Band12	5	23035	25	#0	16QAM	NV	20	-1.44	-0.002	PASS
Band12	5	23035	25	#0	16QAM	NV	30	3.12	0.004	PASS
Band12	5	23035	25	#0	16QAM	NV	40	-1.87	-0.003	PASS
Band12	5	23035	25	#0	16QAM	NV	50	0.10	0.000	PASS
Band12	5	23095	25	#0	QPSK	NV	-30	1.67	0.002	PASS
Band12	5	23095	25	#0	QPSK	NV	-20	1.47	0.002	PASS
Band12	5	23095	25	#0	QPSK	NV	0	-0.06	0.000	PASS
Band12	5	23095	25	#0	QPSK	NV	10	-1.13	-0.002	PASS
Band12	5	23095	25	#0	QPSK	NV	20	2.07	0.003	PASS
Band12	5	23095	25	#0	QPSK	NV	30	-2.65	-0.004	PASS
Band12	5	23095	25	#0	QPSK	NV	40	1.77	0.003	PASS
Band12	5	23095	25	#0	QPSK	NV	50	-0.46	-0.001	PASS
Band12	5	23095	25	#0	16QAM	NV	-30	-0.21	0.000	PASS
Band12	5	23095	25	#0	16QAM	NV	-20	-0.79	-0.001	PASS
Band12	5	23095	25	#0	16QAM	NV	0	1.32	0.002	PASS
Band12	5	23095	25	#0	16QAM	NV	10	4.23	0.006	PASS
Band12	5	23095	25	#0	16QAM	NV	20	0.17	0.000	PASS
Band12	5	23095	25	#0	16QAM	NV	30	0.79	0.001	PASS
Band12	5	23095	25	#0	16QAM	NV	40	1.96	0.003	PASS
Band12	5	23095	25	#0	16QAM	NV	50	1.69	0.002	PASS
Band12	5	23155	25	#0	QPSK	NV	-30	0.29	0.000	PASS
Band12	5	23155	25	#0	QPSK	NV	-20	-0.76	-0.001	PASS
Band12	5	23155	25	#0	QPSK	NV	0	-0.07	0.000	PASS
Band12	5	23155	25	#0	QPSK	NV	10	-0.16	0.000	PASS
Band12	5	23155	25	#0	QPSK	NV	20	1.49	0.002	PASS
Band12	5	23155	25	#0	QPSK	NV	30	1.27	0.002	PASS
Band12	5	23155	25	#0	QPSK	NV	40	2.53	0.004	PASS
Band12	5	23155	25	#0	QPSK	NV	50	1.95	0.003	PASS
Band12	5	23155	25	#0	16QAM	NV	-30	1.82	0.003	PASS
Band12	5	23155	25	#0	16QAM	NV	-20	2.92	0.004	PASS
Band12	5	23155	25	#0	16QAM	NV	0	1.67	0.002	PASS

Band12	5	23155	25	#0	16QAM	NV	10	-0.72	-0.001	PASS
Band12	5	23155	25	#0	16QAM	NV	20	0.33	0.000	PASS
Band12	5	23155	25	#0	16QAM	NV	30	2.80	0.004	PASS
Band12	5	23155	25	#0	16QAM	NV	40	0.03	0.000	PASS
Band12	5	23155	25	#0	16QAM	NV	50	0.19	0.000	PASS
Band12	10	23060	50	#0	QPSK	NV	-30	-3.38	-0.005	PASS
Band12	10	23060	50	#0	QPSK	NV	-20	-1.00	-0.001	PASS
Band12	10	23060	50	#0	QPSK	NV	0	-2.65	-0.004	PASS
Band12	10	23060	50	#0	QPSK	NV	10	0.56	0.001	PASS
Band12	10	23060	50	#0	QPSK	NV	20	-1.22	-0.002	PASS
Band12	10	23060	50	#0	QPSK	NV	30	1.12	0.002	PASS
Band12	10	23060	50	#0	QPSK	NV	40	-2.55	-0.004	PASS
Band12	10	23060	50	#0	QPSK	NV	50	-1.73	-0.002	PASS
Band12	10	23060	50	#0	16QAM	NV	-30	1.66	0.002	PASS
Band12	10	23060	50	#0	16QAM	NV	-20	0.01	0.000	PASS
Band12	10	23060	50	#0	16QAM	NV	0	2.75	0.004	PASS
Band12	10	23060	50	#0	16QAM	NV	10	-1.23	-0.002	PASS
Band12	10	23060	50	#0	16QAM	NV	20	-1.53	-0.002	PASS
Band12	10	23060	50	#0	16QAM	NV	30	1.95	0.003	PASS
Band12	10	23060	50	#0	16QAM	NV	40	1.63	0.002	PASS
Band12	10	23060	50	#0	16QAM	NV	50	1.44	0.002	PASS
Band12	10	23095	50	#0	QPSK	NV	-30	2.60	0.004	PASS
Band12	10	23095	50	#0	QPSK	NV	-20	3.09	0.004	PASS
Band12	10	23095	50	#0	QPSK	NV	0	1.27	0.002	PASS
Band12	10	23095	50	#0	QPSK	NV	10	-1.12	-0.002	PASS
Band12	10	23095	50	#0	QPSK	NV	20	-0.31	0.000	PASS
Band12	10	23095	50	#0	QPSK	NV	30	-1.43	-0.002	PASS
Band12	10	23095	50	#0	QPSK	NV	40	-0.50	-0.001	PASS
Band12	10	23095	50	#0	QPSK	NV	50	1.87	0.003	PASS
Band12	10	23095	50	#0	16QAM	NV	-30	0.10	0.000	PASS
Band12	10	23095	50	#0	16QAM	NV	-20	-0.82	-0.001	PASS
Band12	10	23095	50	#0	16QAM	NV	0	-1.59	-0.002	PASS
Band12	10	23095	50	#0	16QAM	NV	10	-0.59	-0.001	PASS
Band12	10	23095	50	#0	16QAM	NV	20	-0.31	0.000	PASS
Band12	10	23095	50	#0	16QAM	NV	30	-0.69	-0.001	PASS
Band12	10	23095	50	#0	16QAM	NV	40	-0.30	0.000	PASS
Band12	10	23095	50	#0	16QAM	NV	50	-0.26	0.000	PASS
Band12	10	23130	50	#0	QPSK	NV	-30	-0.27	0.000	PASS
Band12	10	23130	50	#0	QPSK	NV	-20	-0.09	0.000	PASS
Band12	10	23130	50	#0	QPSK	NV	0	-0.69	-0.001	PASS
Band12	10	23130	50	#0	QPSK	NV	10	1.26	0.002	PASS
Band12	10	23130	50	#0	QPSK	NV	20	-0.21	0.000	PASS
Band12	10	23130	50	#0	QPSK	NV	30	0.53	0.001	PASS

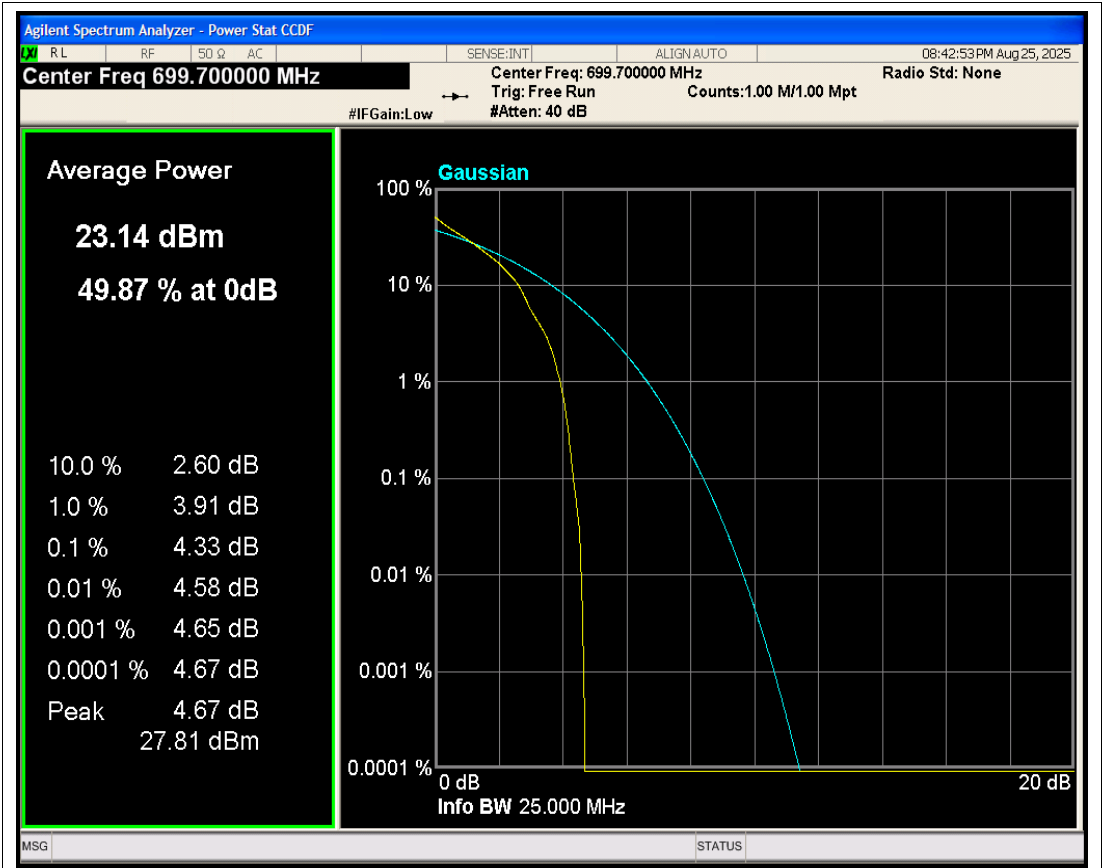
STS2601367W05_Appendix LTE Band 12

Band12	10	23130	50	#0	QPSK	NV	40	-1.83	-0.003	PASS
Band12	10	23130	50	#0	QPSK	NV	50	0.96	0.001	PASS
Band12	10	23130	50	#0	16QAM	NV	-30	-1.77	-0.002	PASS
Band12	10	23130	50	#0	16QAM	NV	-20	1.02	0.001	PASS
Band12	10	23130	50	#0	16QAM	NV	0	-2.20	-0.003	PASS
Band12	10	23130	50	#0	16QAM	NV	10	0.51	0.001	PASS
Band12	10	23130	50	#0	16QAM	NV	20	-1.87	-0.003	PASS
Band12	10	23130	50	#0	16QAM	NV	30	1.54	0.002	PASS
Band12	10	23130	50	#0	16QAM	NV	40	-3.66	-0.005	PASS
Band12	10	23130	50	#0	16QAM	NV	50	-0.76	-0.001	PASS

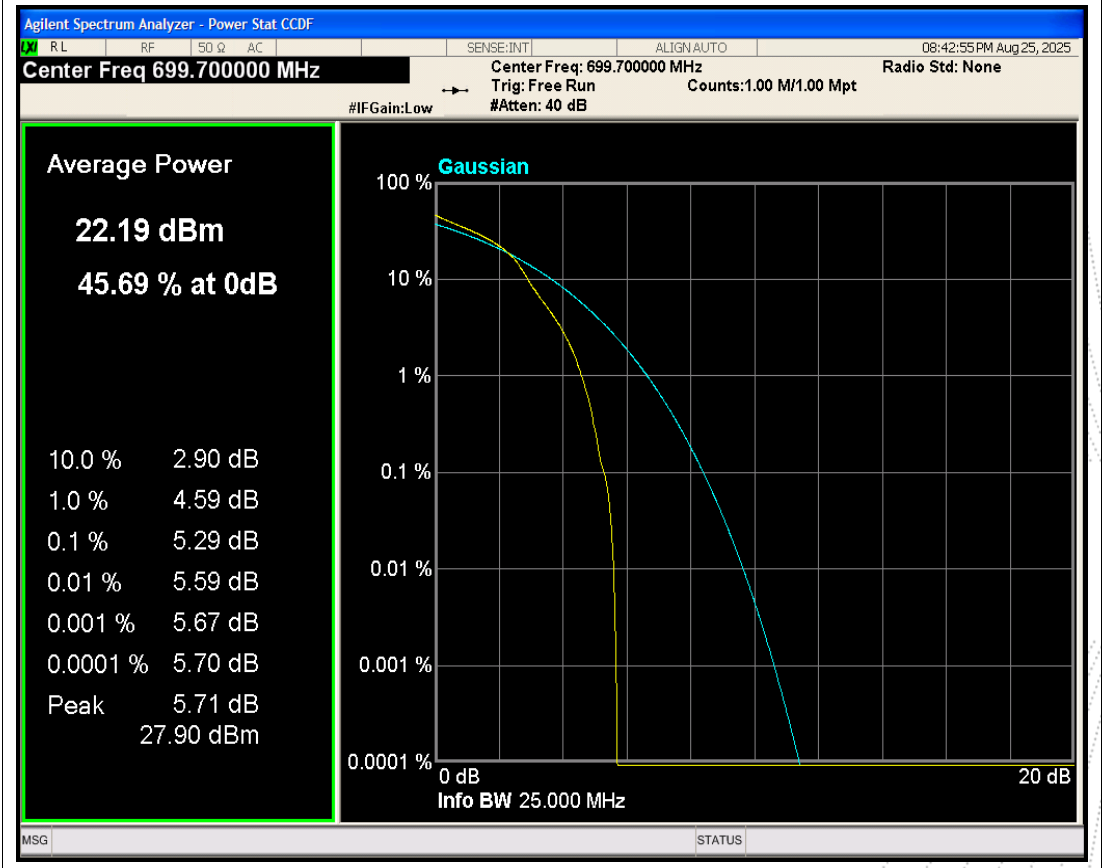


Appendix 3. Peak-to-Average Ratio

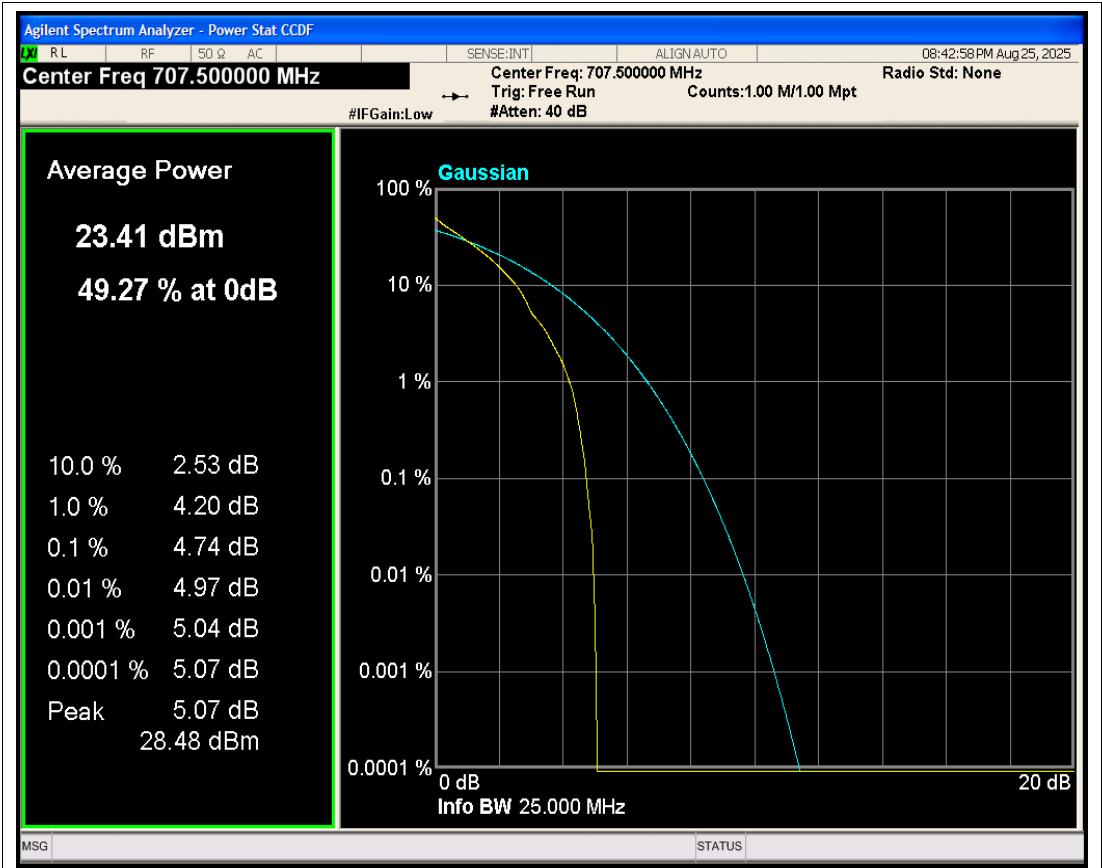
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
Band12	1.4	23017	1	#0	QPSK	4.33	13	PASS
Band12	1.4	23017	1	#0	16QAM	5.29	13	PASS
Band12	1.4	23095	1	#0	QPSK	4.74	13	PASS
Band12	1.4	23095	1	#0	16QAM	5.47	13	PASS
Band12	1.4	23173	1	#0	QPSK	4.19	13	PASS
Band12	1.4	23173	1	#0	16QAM	5.05	13	PASS
Band12	3	23025	1	#0	QPSK	4.20	13	PASS
Band12	3	23025	1	#0	16QAM	4.88	13	PASS
Band12	3	23095	1	#0	QPSK	4.87	13	PASS
Band12	3	23095	1	#0	16QAM	5.65	13	PASS
Band12	3	23165	1	#0	QPSK	4.62	13	PASS
Band12	3	23165	1	#0	16QAM	5.63	13	PASS
Band12	5	23035	1	#0	QPSK	4.29	13	PASS
Band12	5	23035	1	#0	16QAM	5.13	13	PASS
Band12	5	23095	1	#0	QPSK	4.95	13	PASS
Band12	5	23095	1	#0	16QAM	5.65	13	PASS
Band12	5	23155	1	#0	QPSK	4.87	13	PASS
Band12	5	23155	1	#0	16QAM	5.53	13	PASS
Band12	10	23060	1	#0	QPSK	4.16	13	PASS
Band12	10	23060	1	#0	16QAM	4.97	13	PASS
Band12	10	23095	1	#0	QPSK	5.18	13	PASS
Band12	10	23095	1	#0	16QAM	6.03	13	PASS
Band12	10	23130	1	#0	QPSK	4.73	13	PASS
Band12	10	23130	1	#0	16QAM	5.85	13	PASS



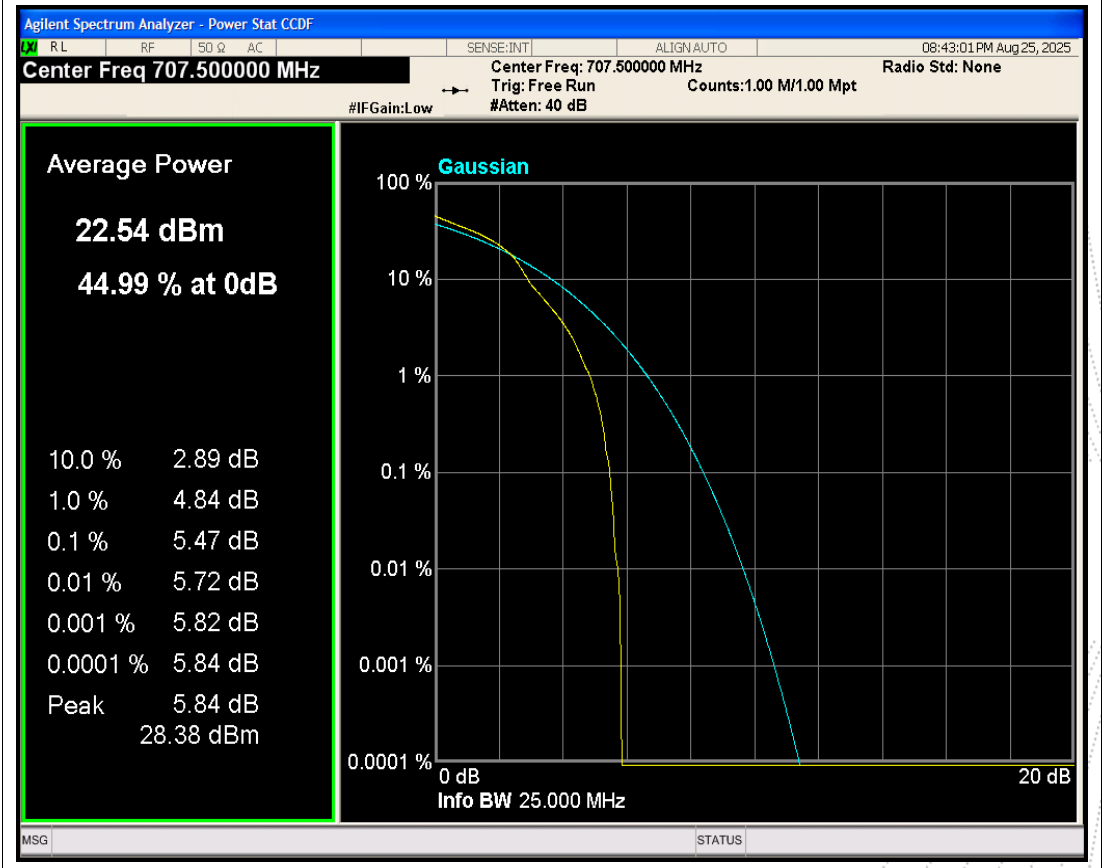
Band12 QPSK BW=1.4MHz Channel=23017 RB Size=1 Position=#0



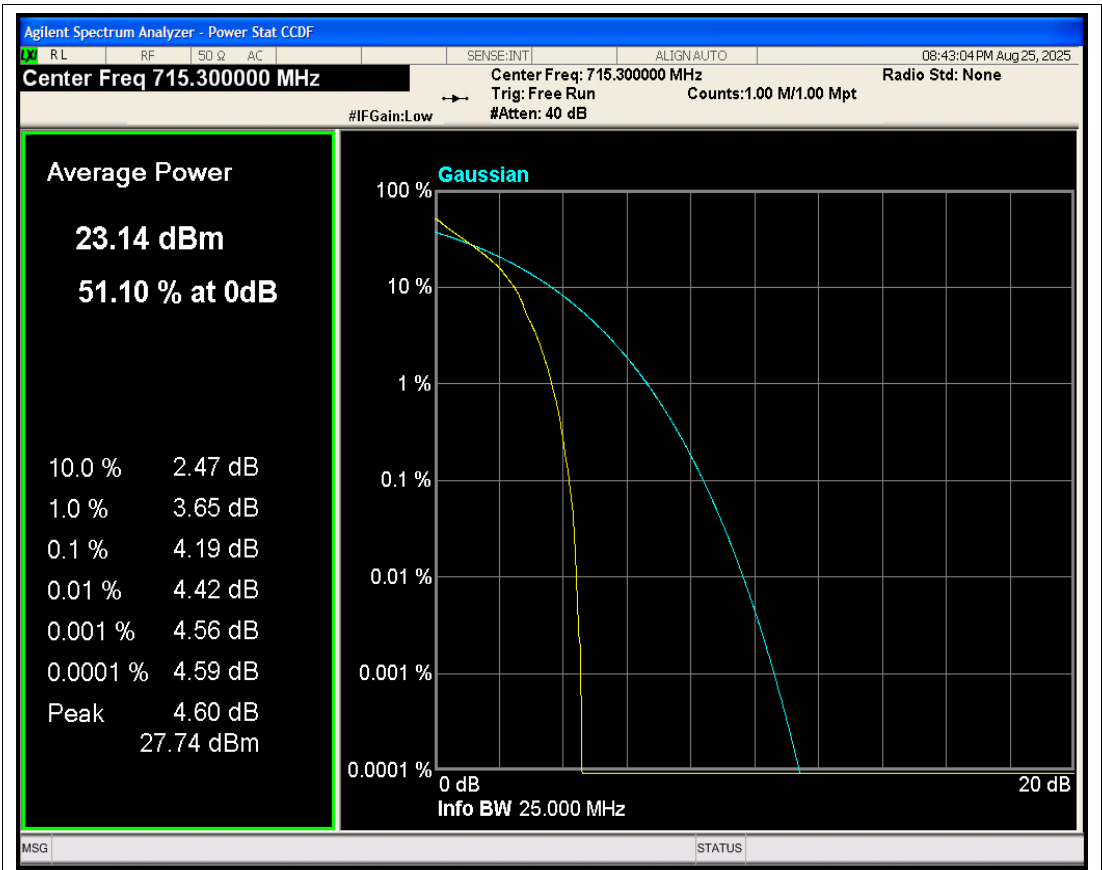
Band12 16QAM BW=1.4MHz Channel=23017 RB Size=1 Position=#0



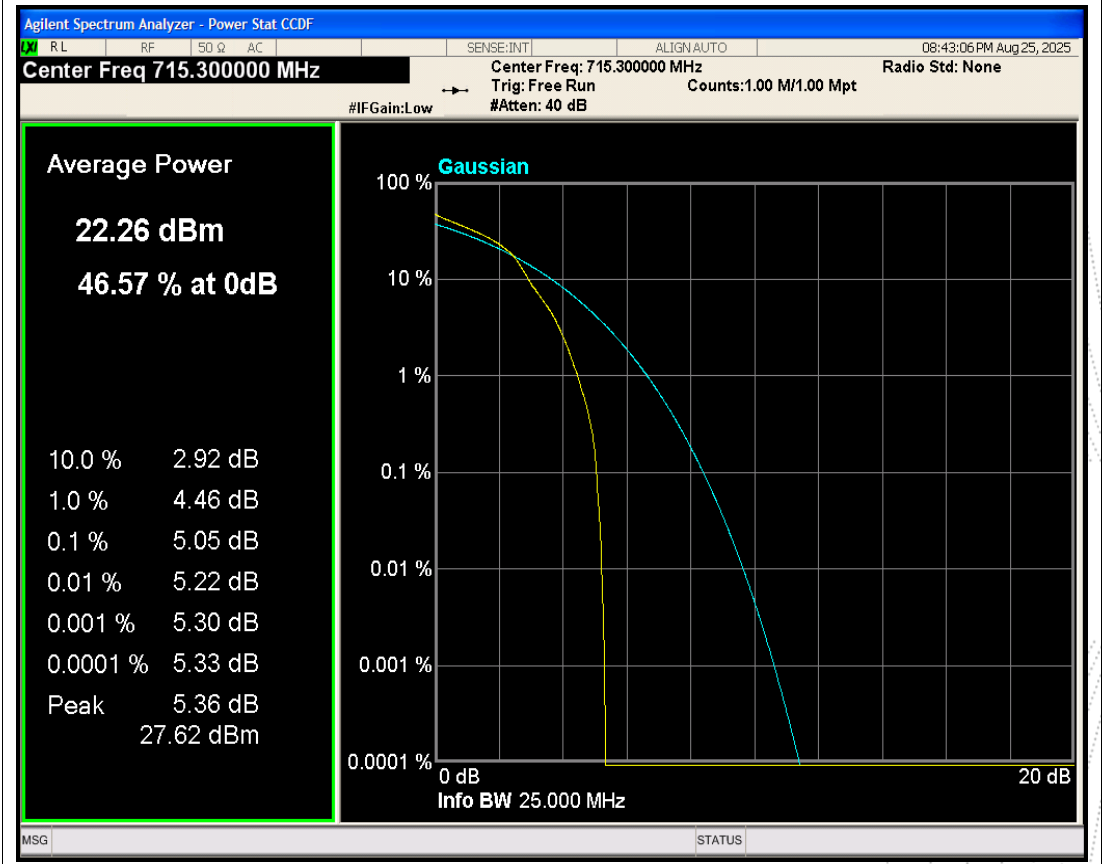
Band12 QPSK BW=1.4MHz Channel=23095 RB Size=1 Position=#0



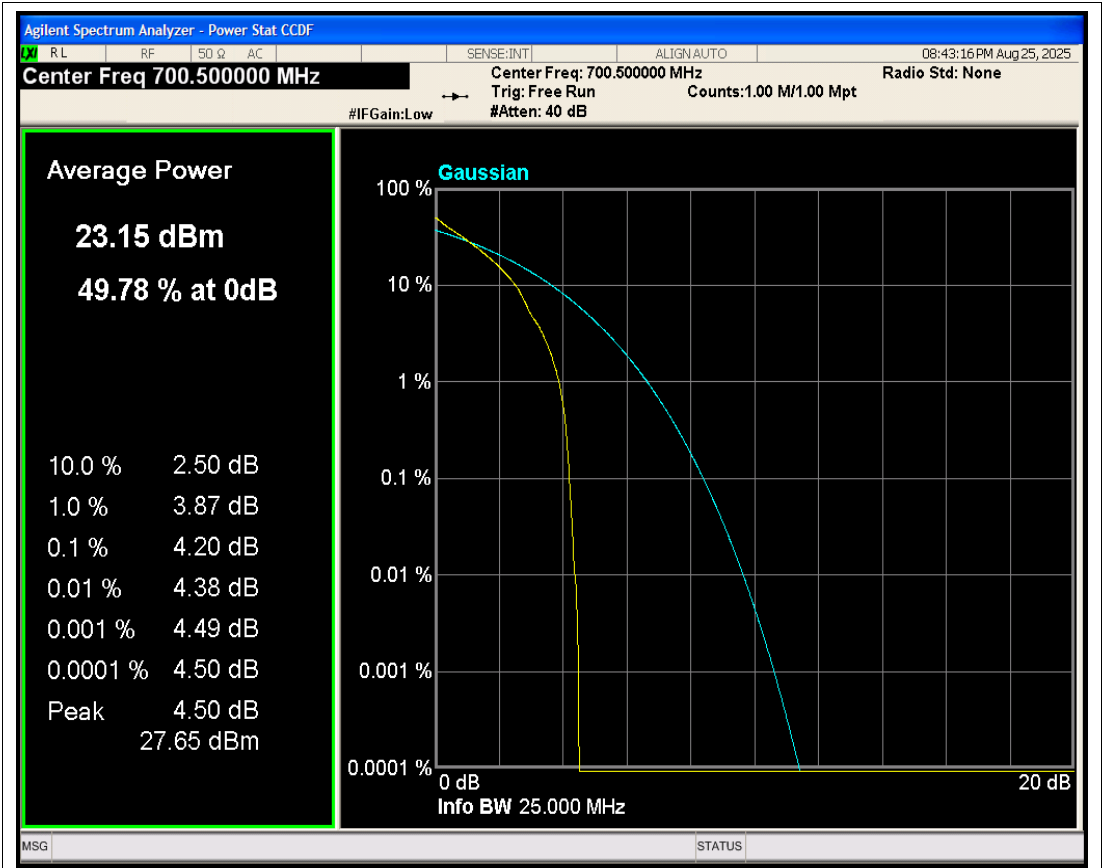
Band12 16QAM BW=1.4MHz Channel=23095 RB Size=1 Position=#0



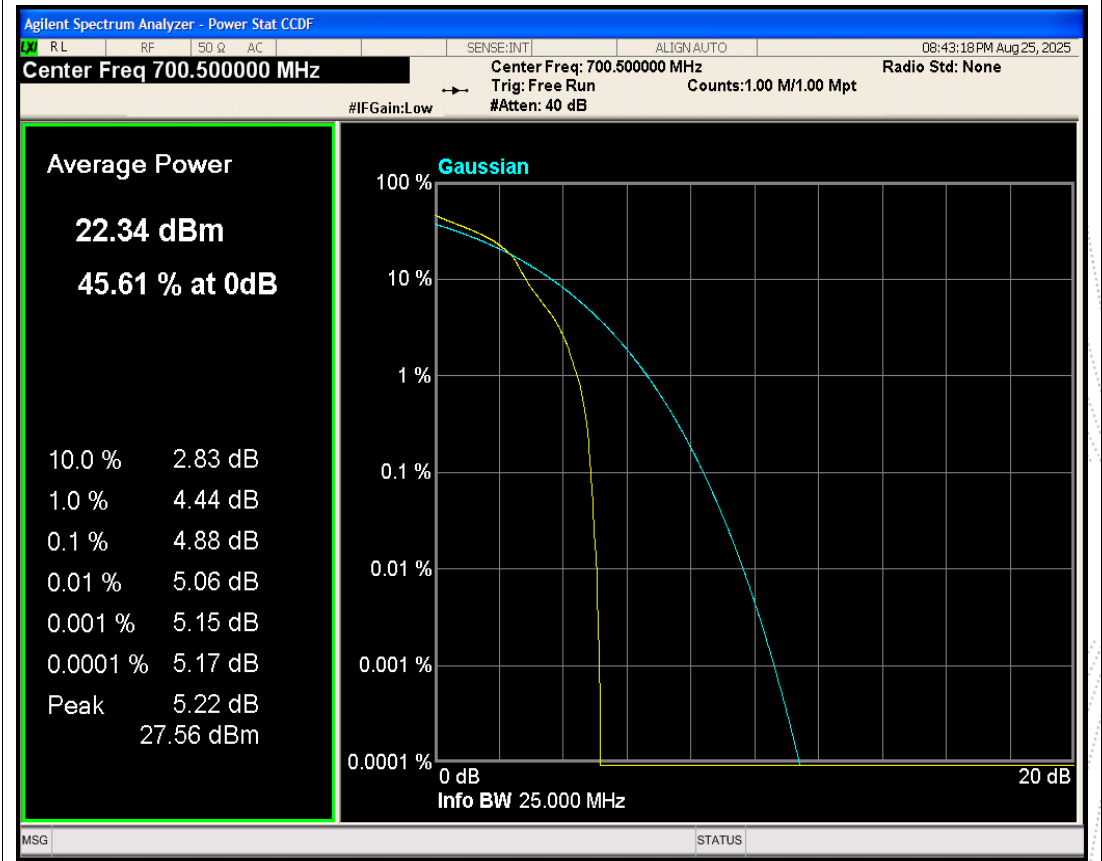
Band12 QPSK BW=1.4MHz Channel=23173 RB Size=1 Position=#0



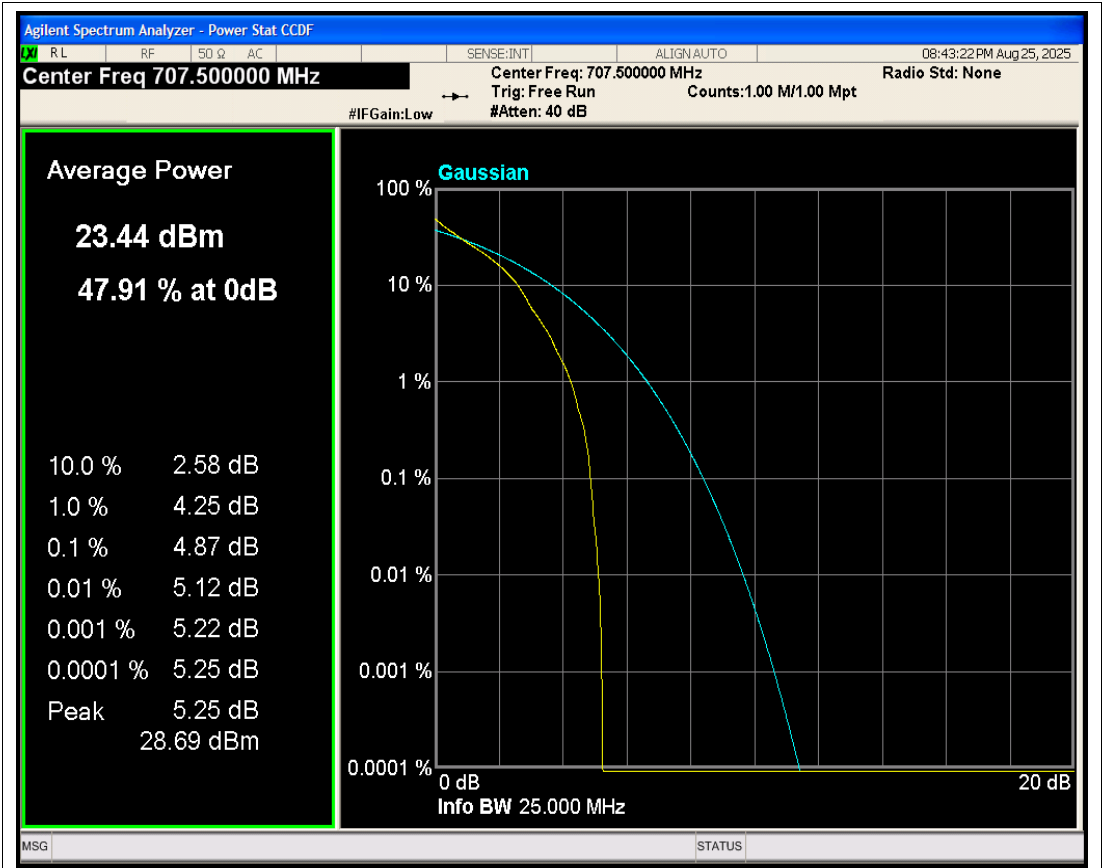
Band12 16QAM BW=1.4MHz Channel=23173 RB Size=1 Position=#0



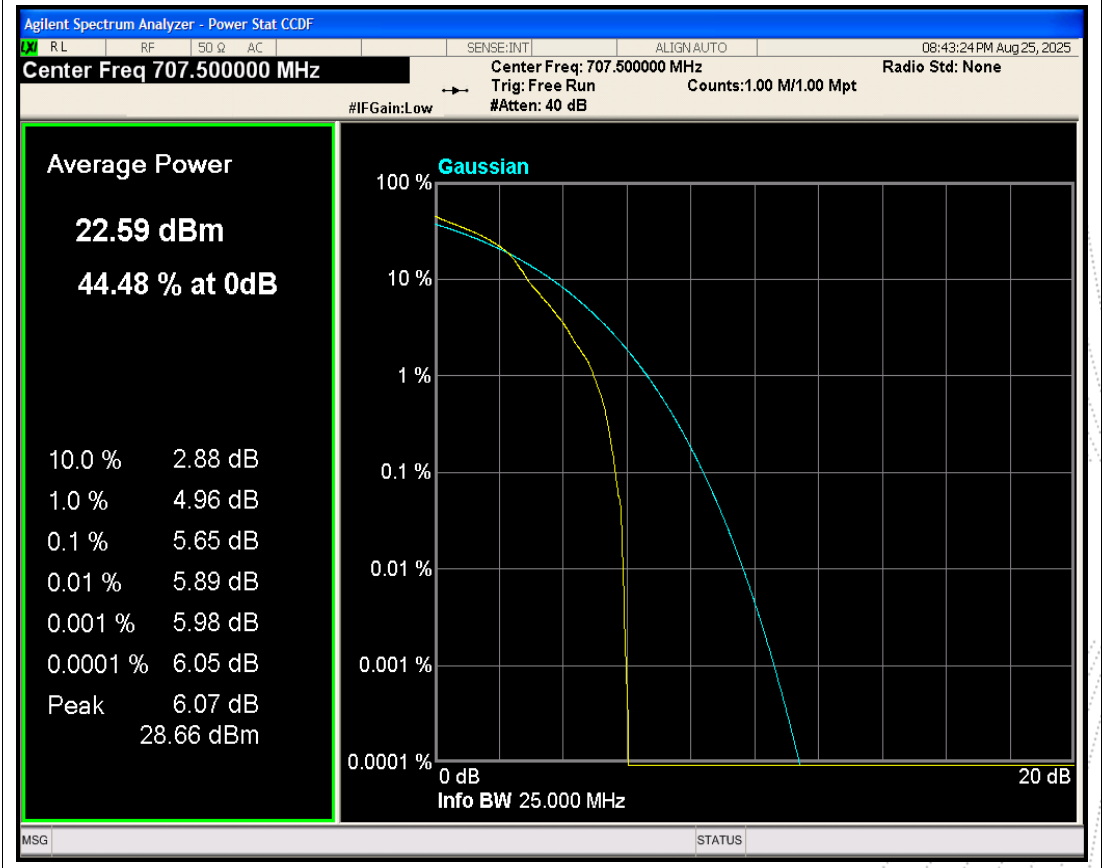
Band12 QPSK BW=3MHz Channel=23025 RB Size=1 Position=#0



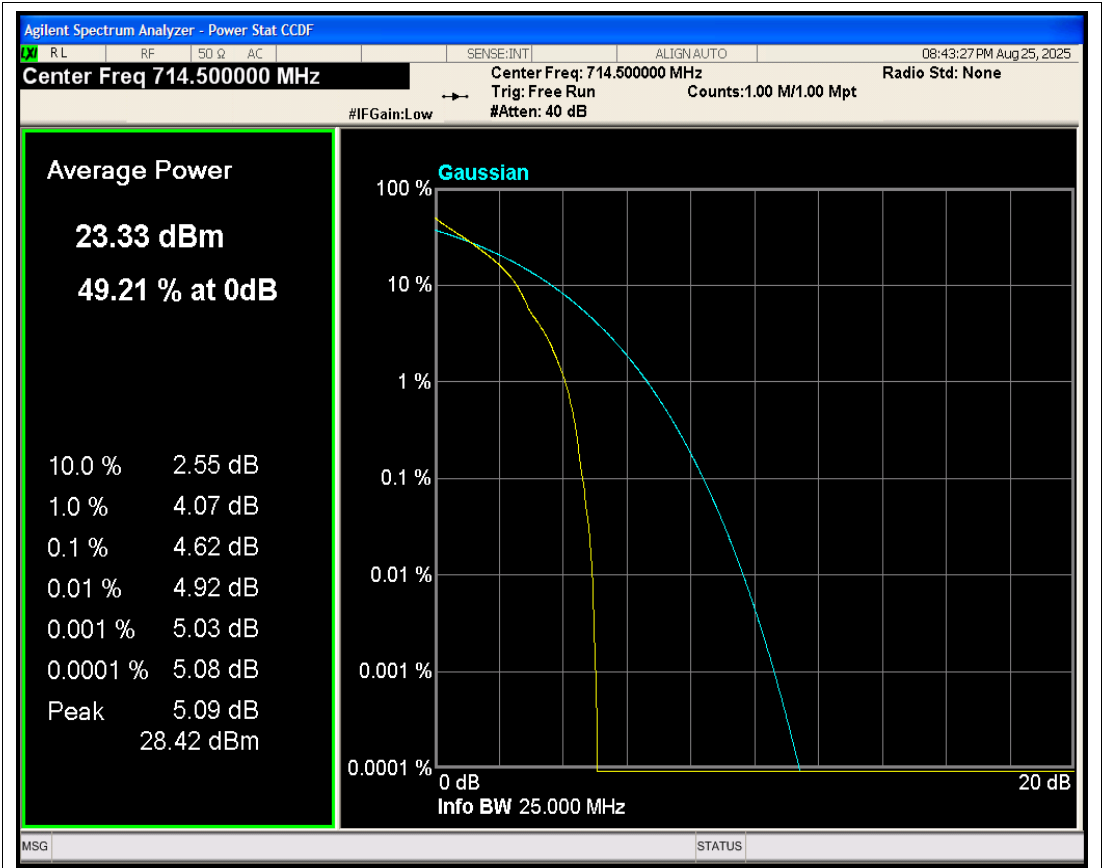
Band12 16QAM BW=3MHz Channel=23025 RB Size=1 Position=#0



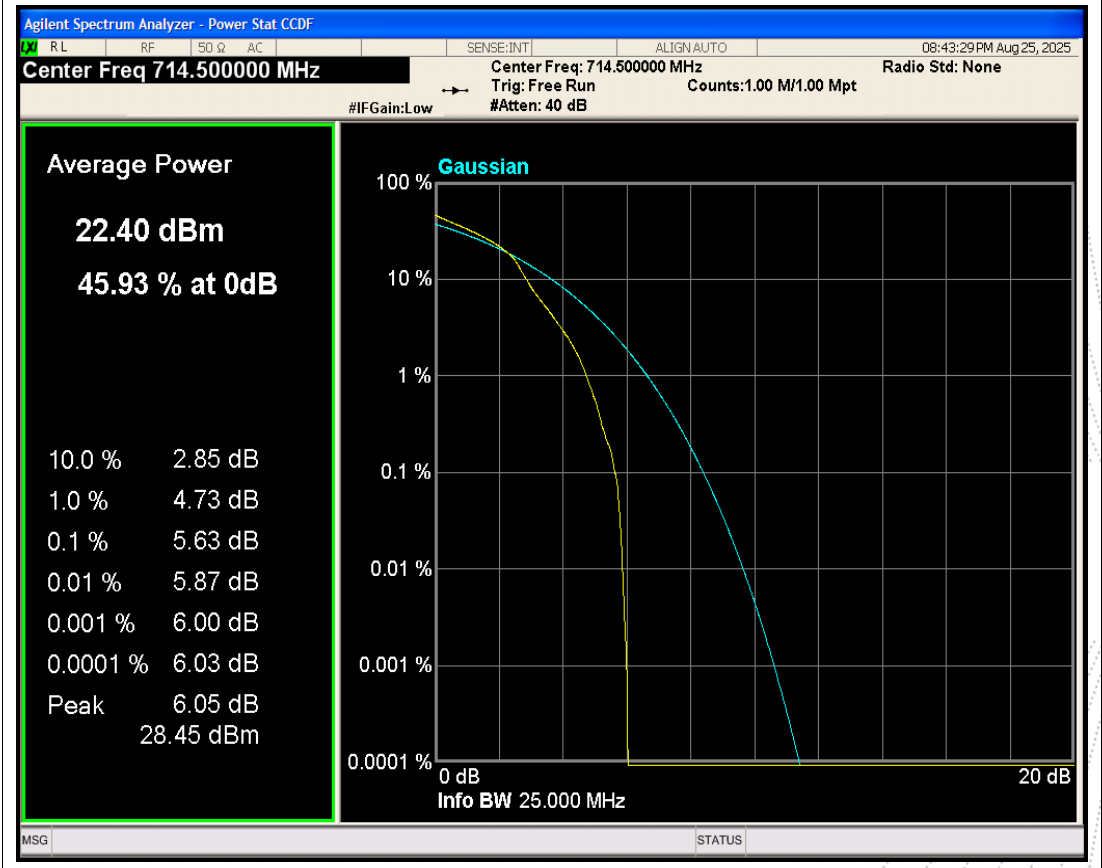
Band12 QPSK BW=3MHz Channel=23095 RB Size=1 Position=#0



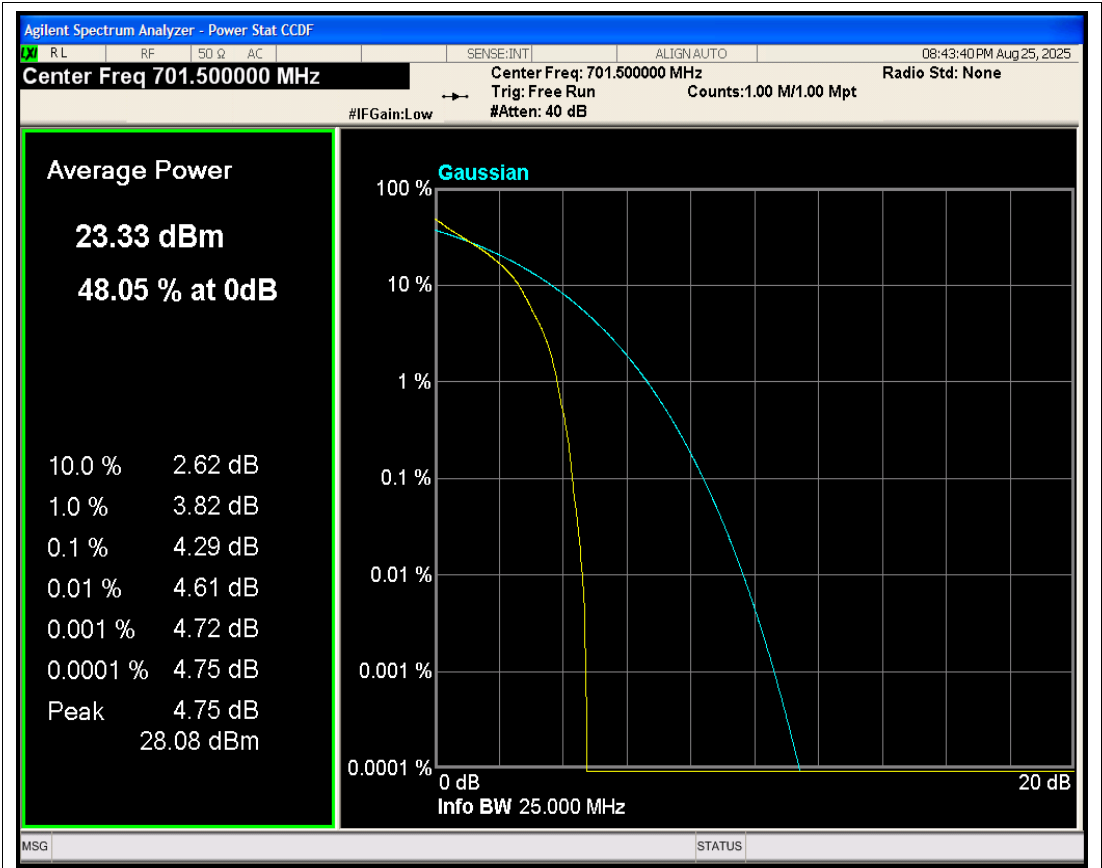
Band12 16QAM BW=3MHz Channel=23095 RB Size=1 Position=#0



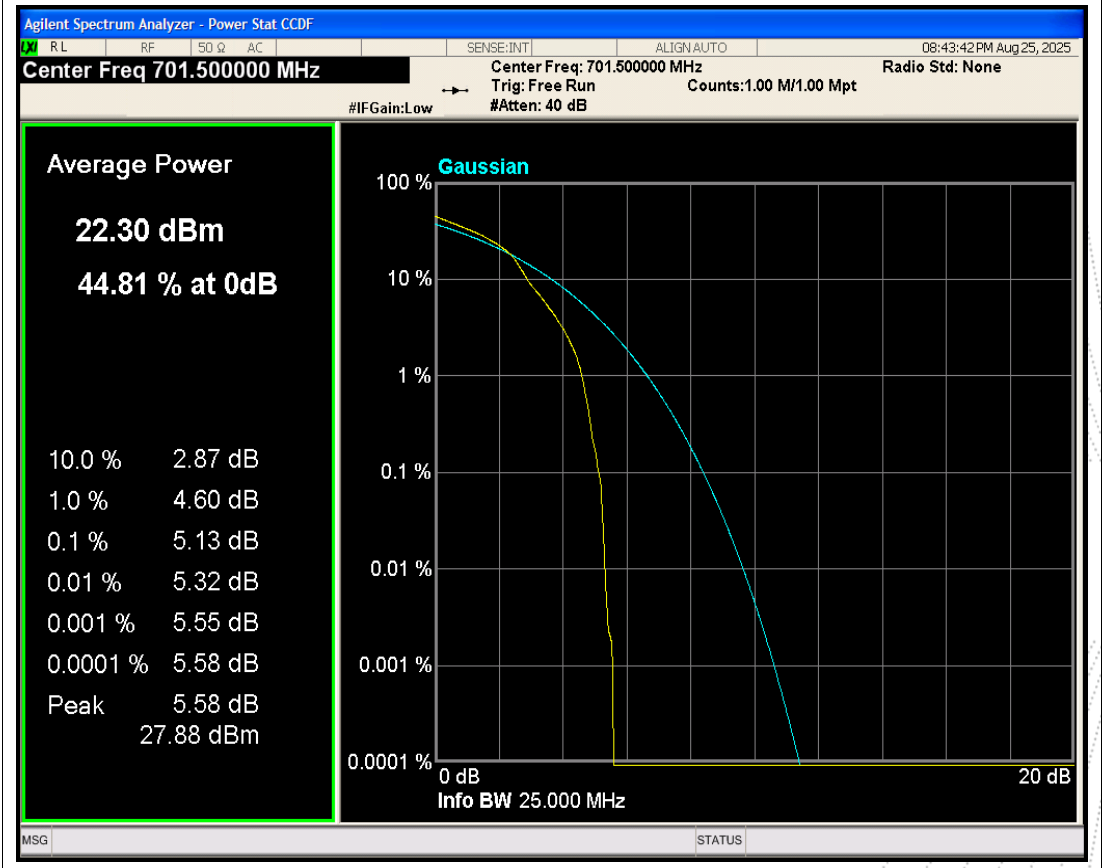
Band12 QPSK BW=3MHz Channel=23165 RB Size=1 Position=#0



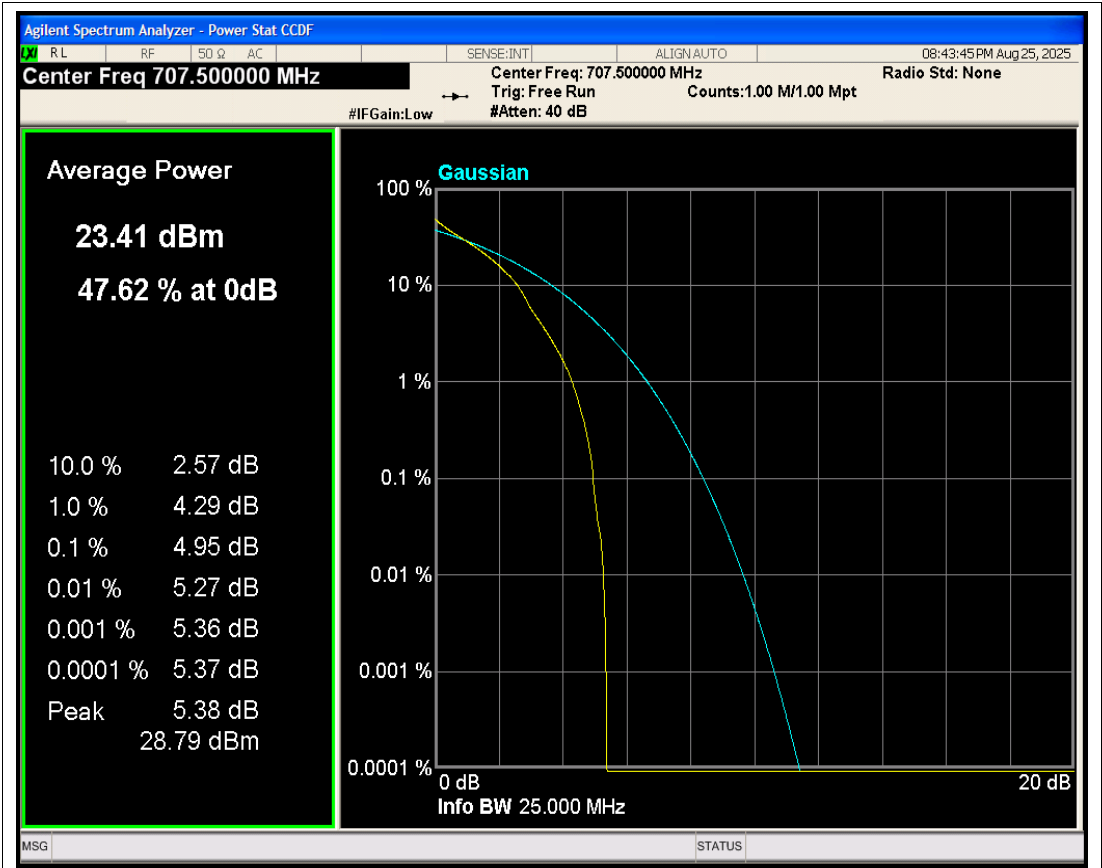
Band12 16QAM BW=3MHz Channel=23165 RB Size=1 Position=#0



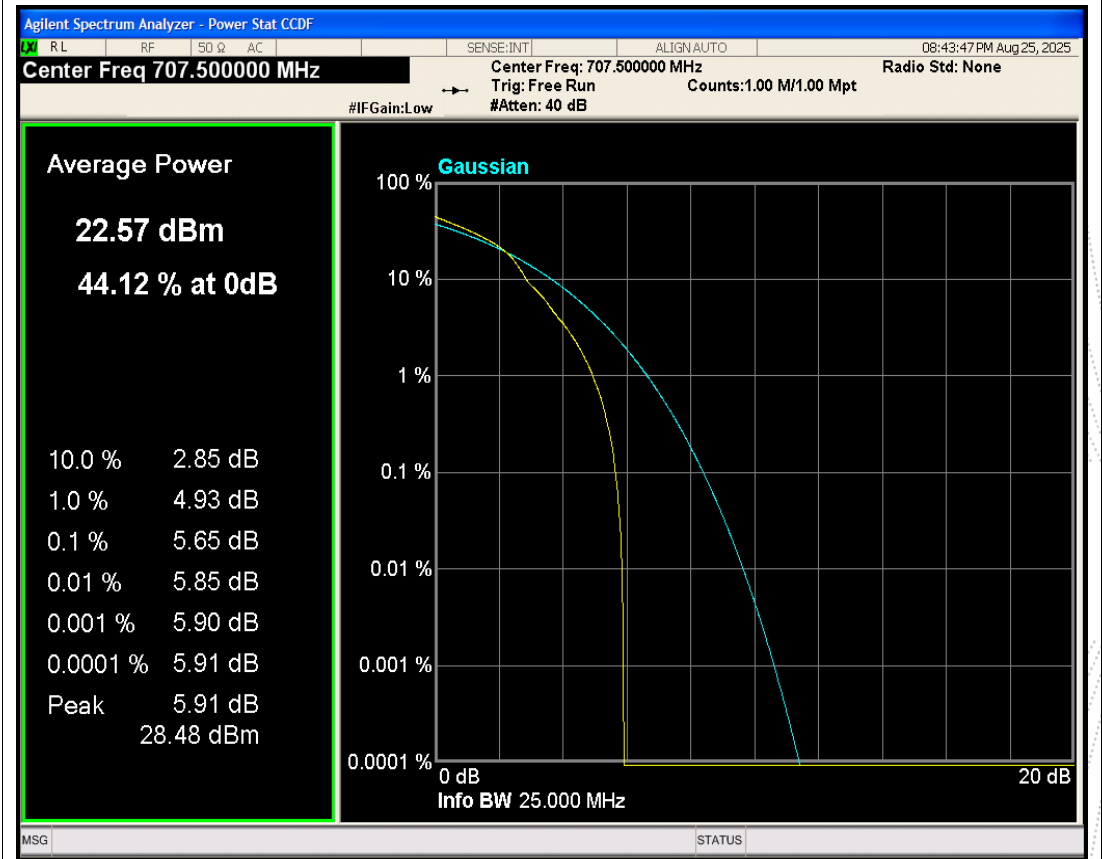
Band12 QPSK BW=5MHz Channel=23035 RB Size=1 Position=#0



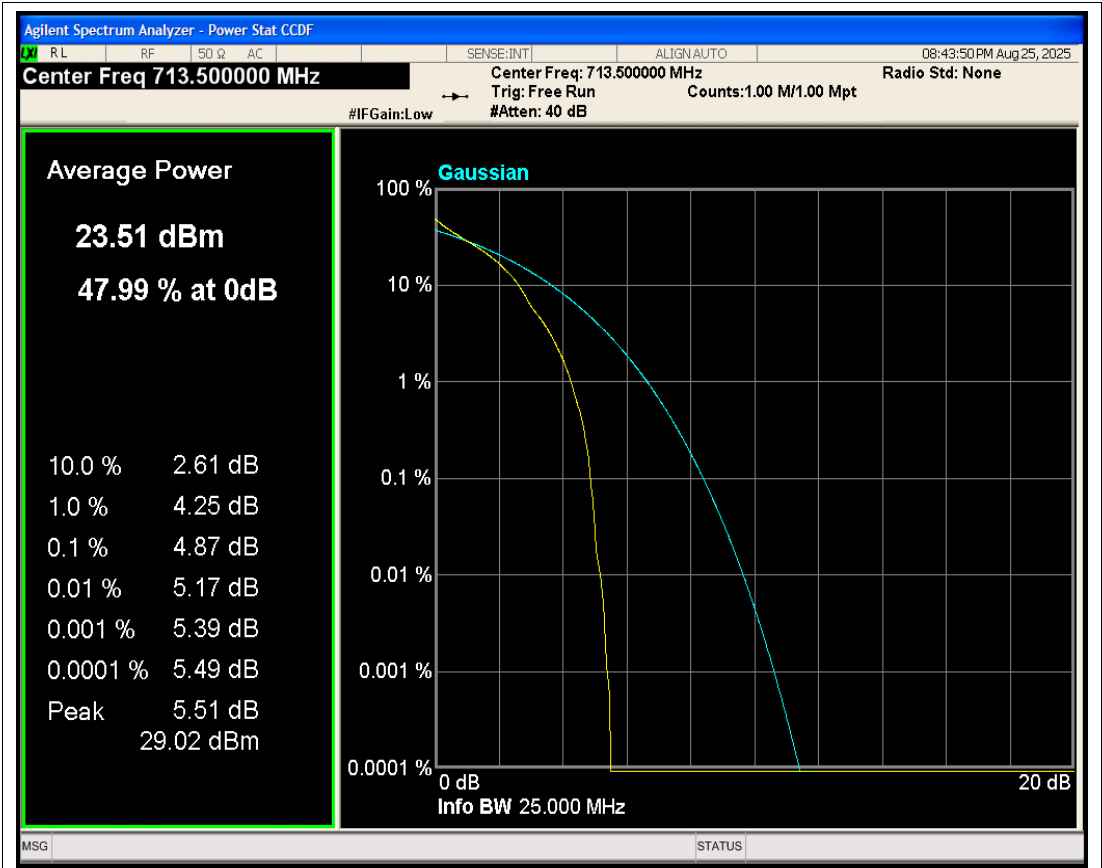
Band12 16QAM BW=5MHz Channel=23035 RB Size=1 Position=#0



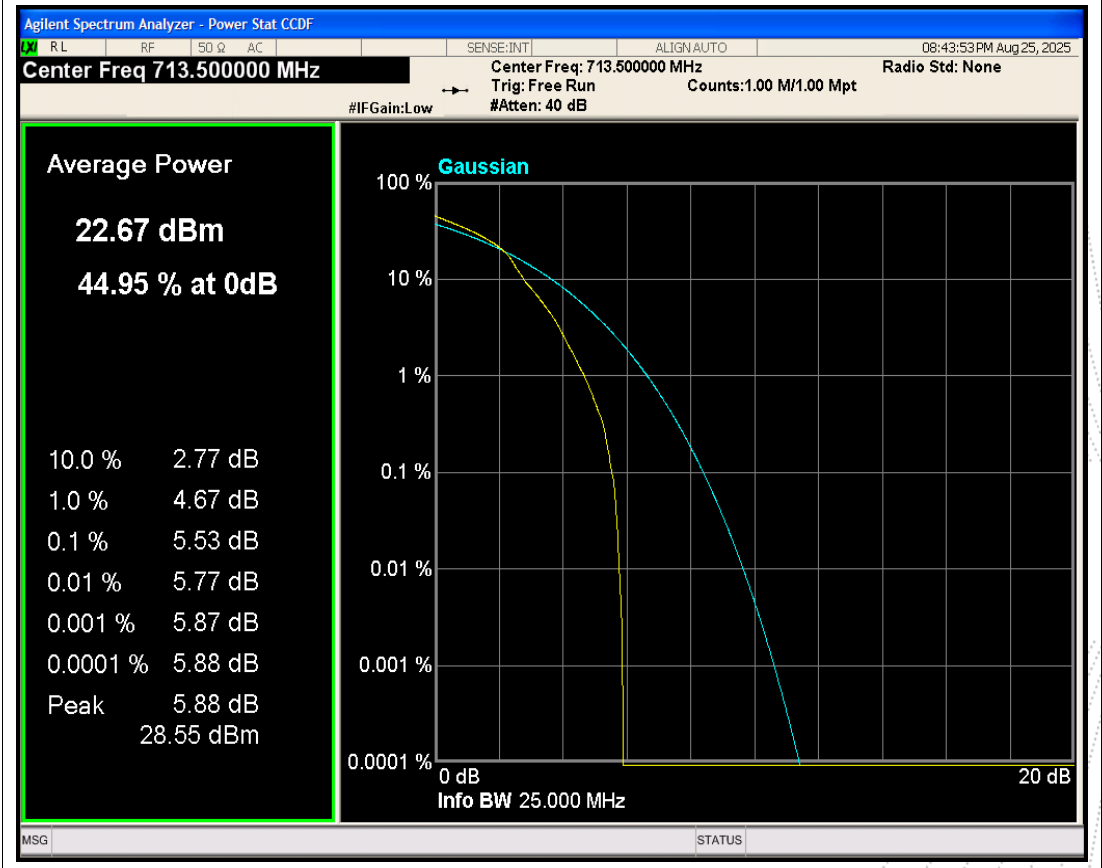
Band12 QPSK BW=5MHz Channel=23095 RB Size=1 Position=#0



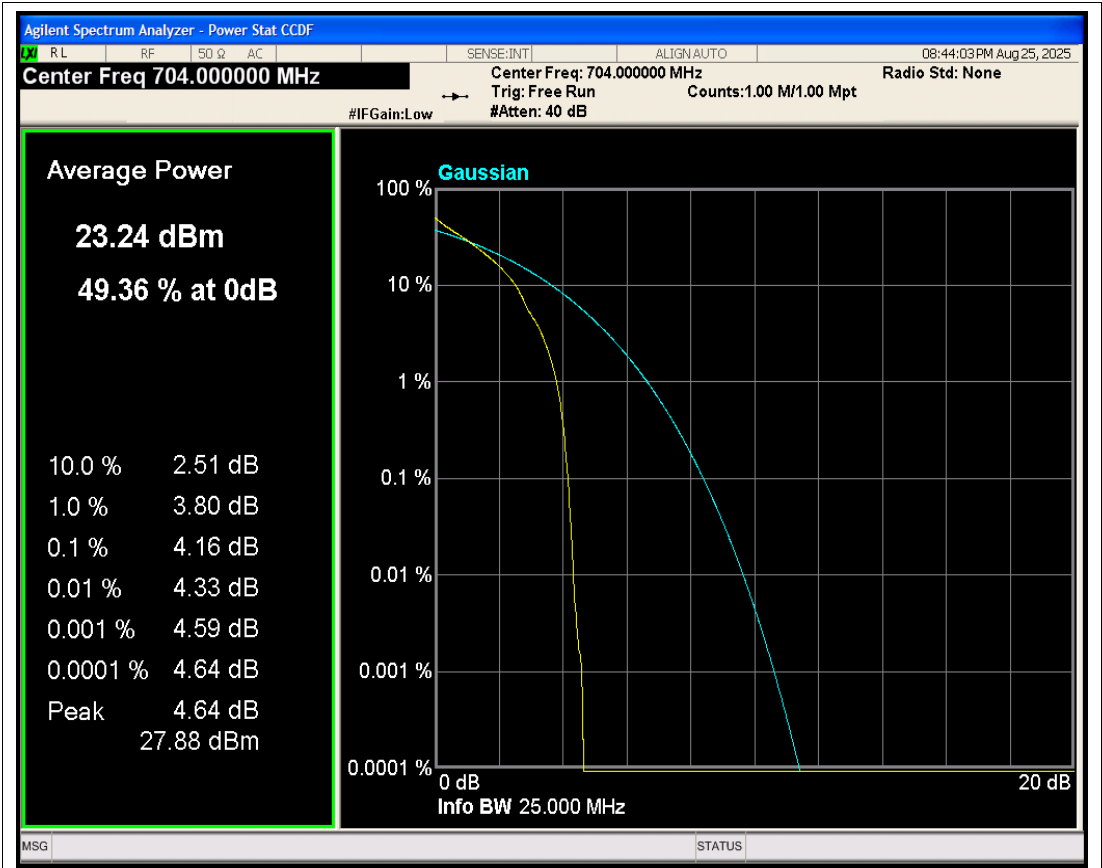
Band12 16QAM BW=5MHz Channel=23095 RB Size=1 Position=#0



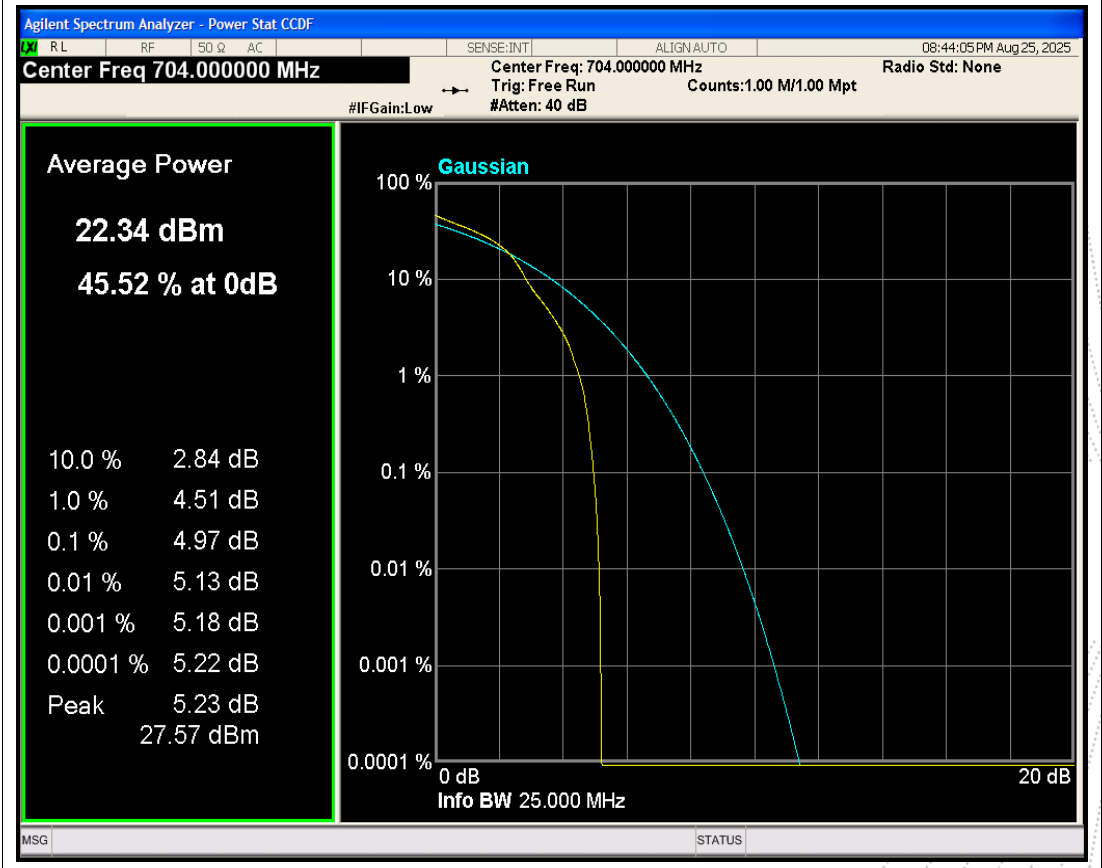
Band12 QPSK BW=5MHz Channel=23155 RB Size=1 Position=#0



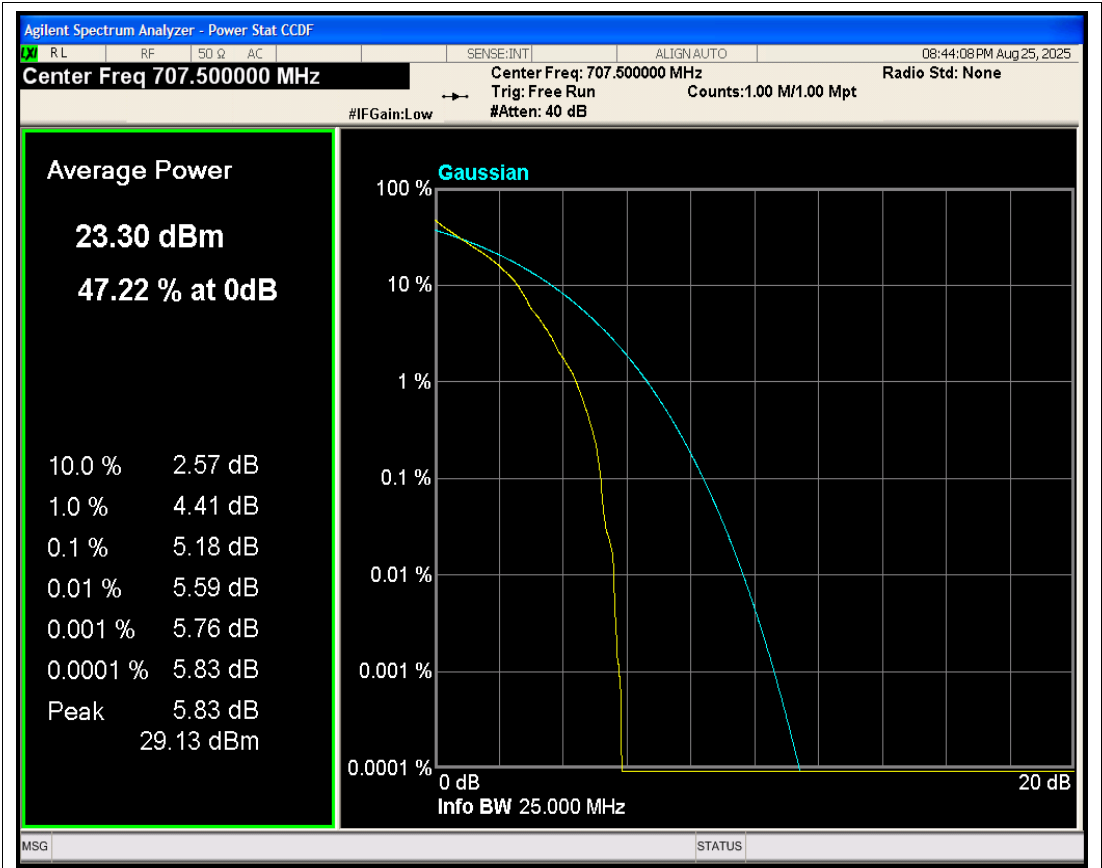
Band12 16QAM BW=5MHz Channel=23155 RB Size=1 Position=#0



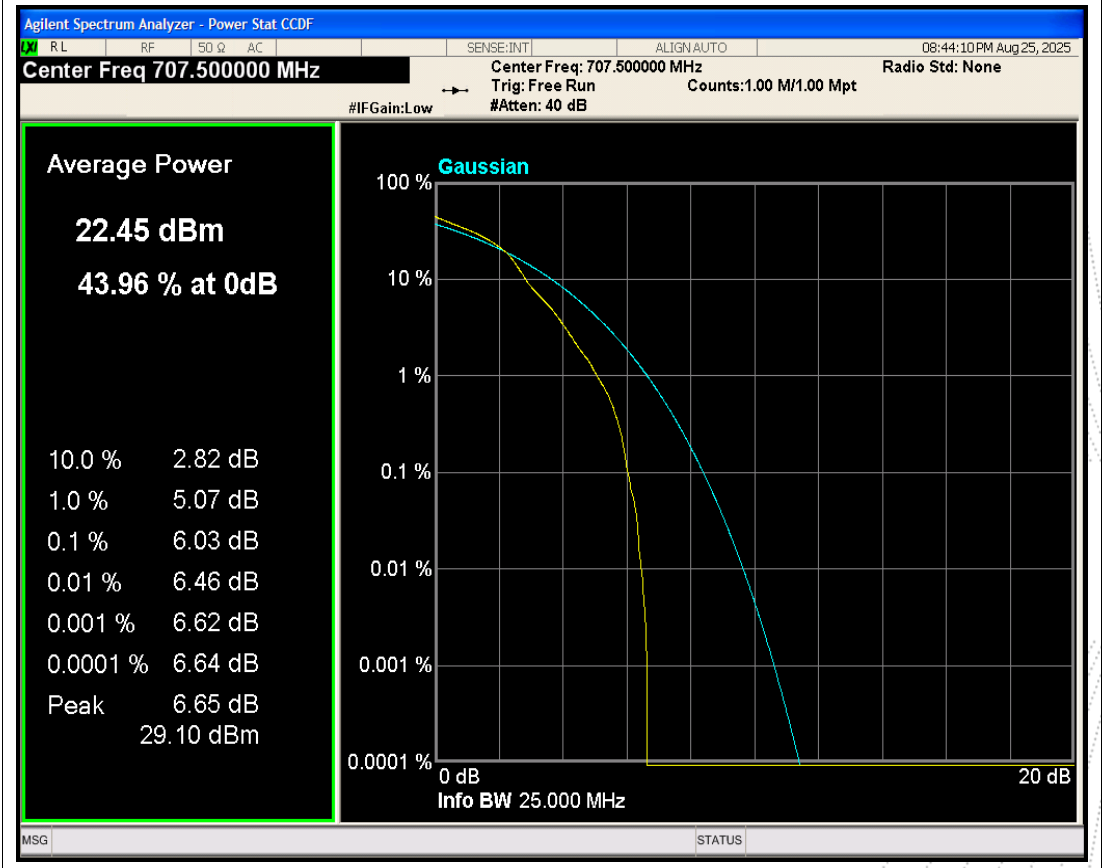
Band12 QPSK BW=10MHz Channel=23060 RB Size=1 Position=#0



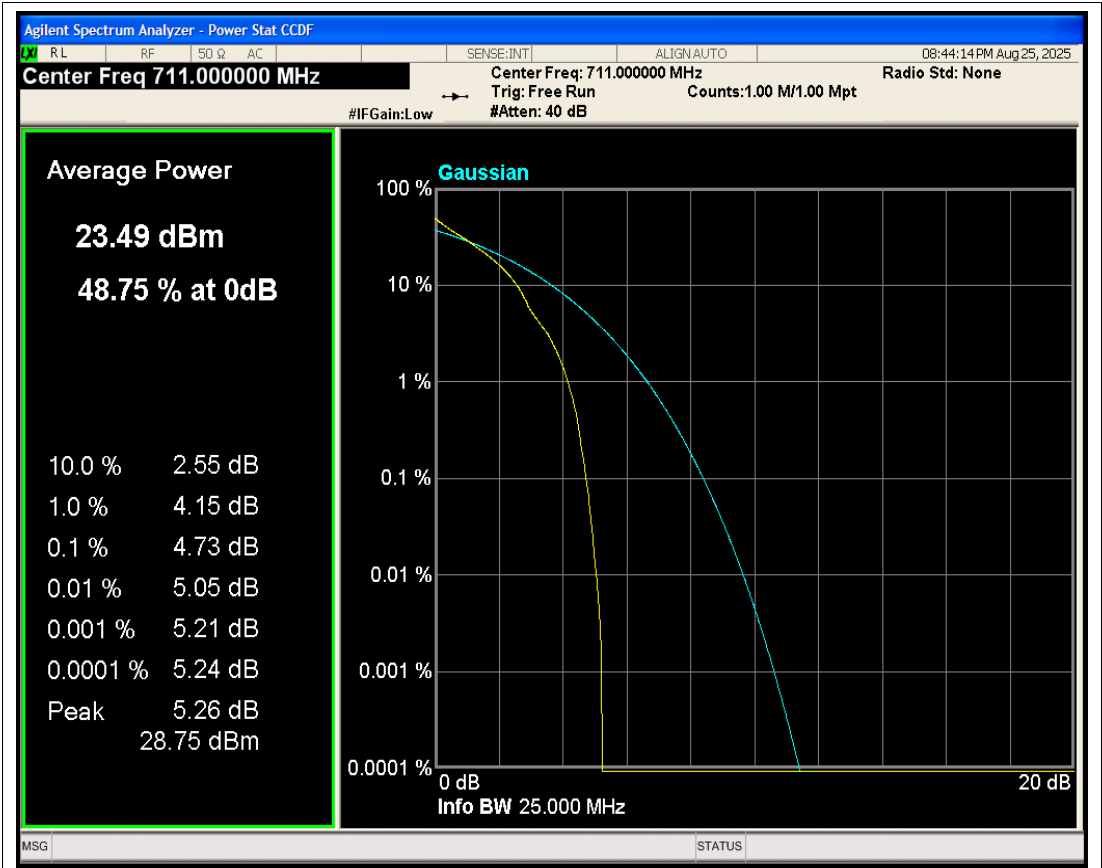
Band12 16QAM BW=10MHz Channel=23060 RB Size=1 Position=#0



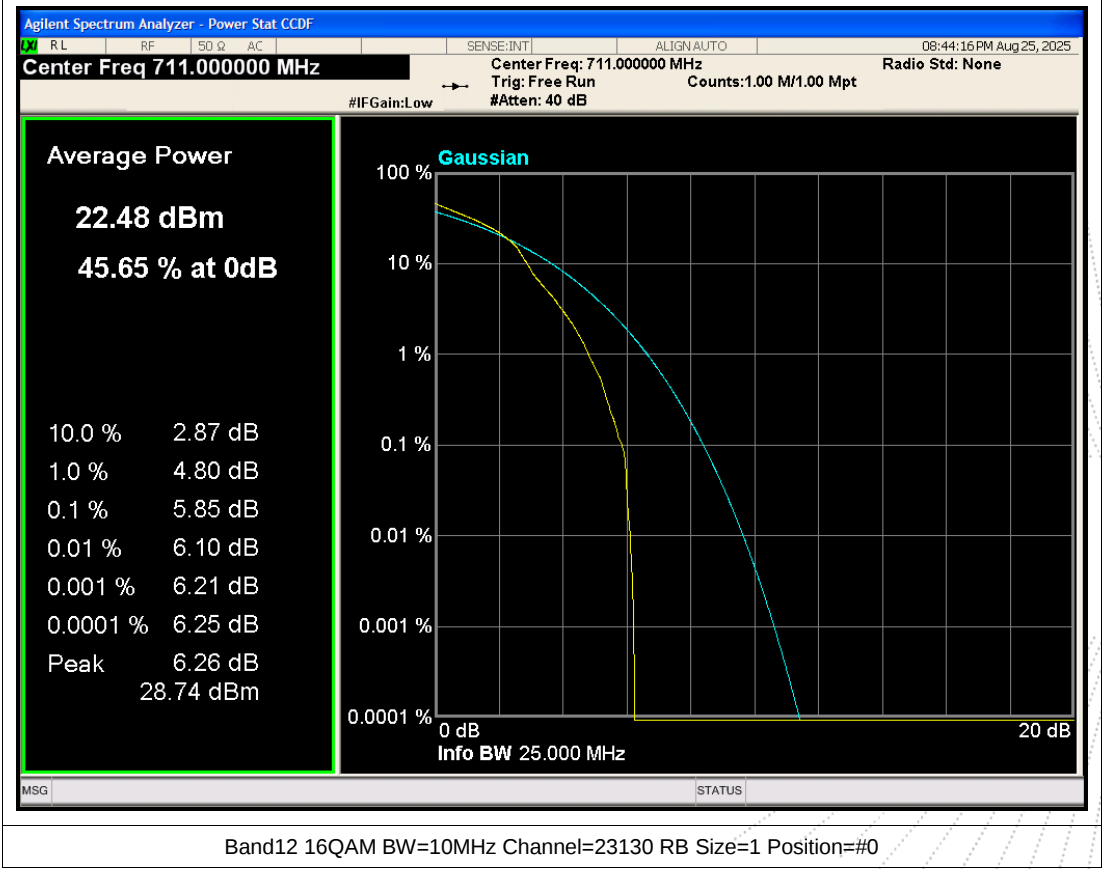
Band12 QPSK BW=10MHz Channel=23095 RB Size=1 Position=#0



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



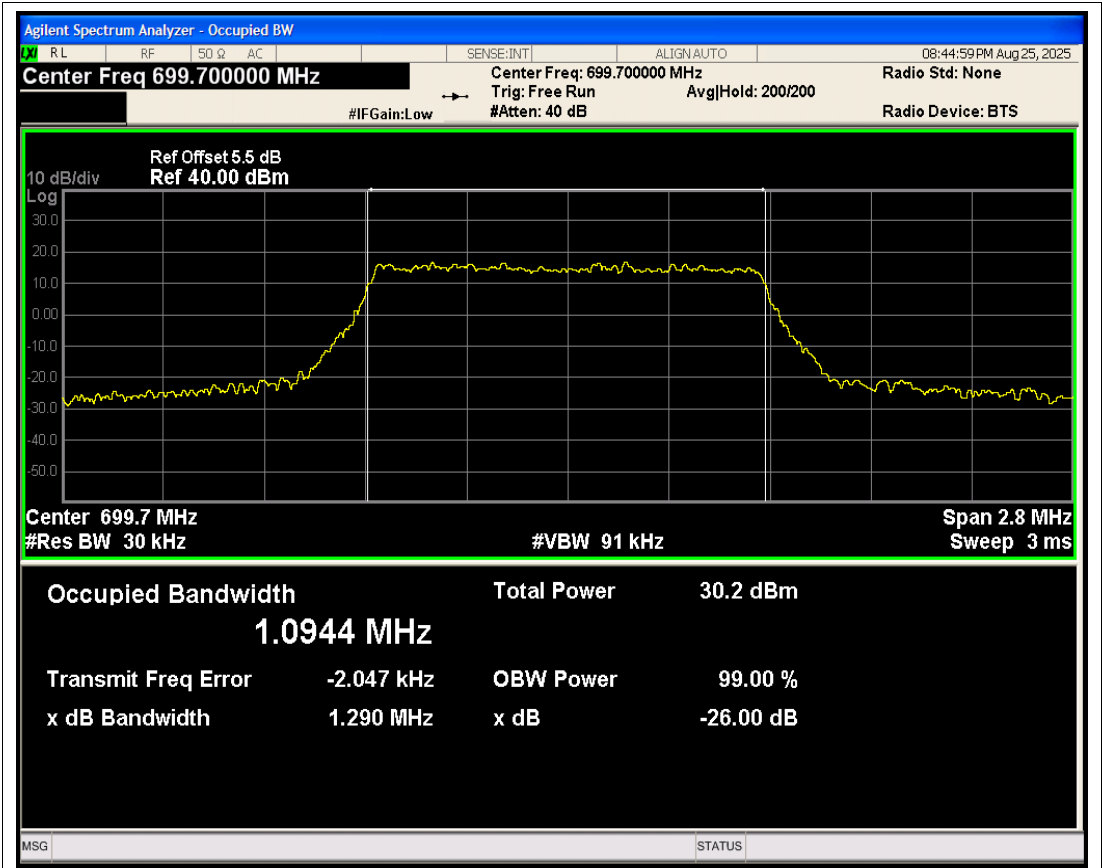
Band12 QPSK BW=10MHz Channel=23130 RB Size=1 Position=#0



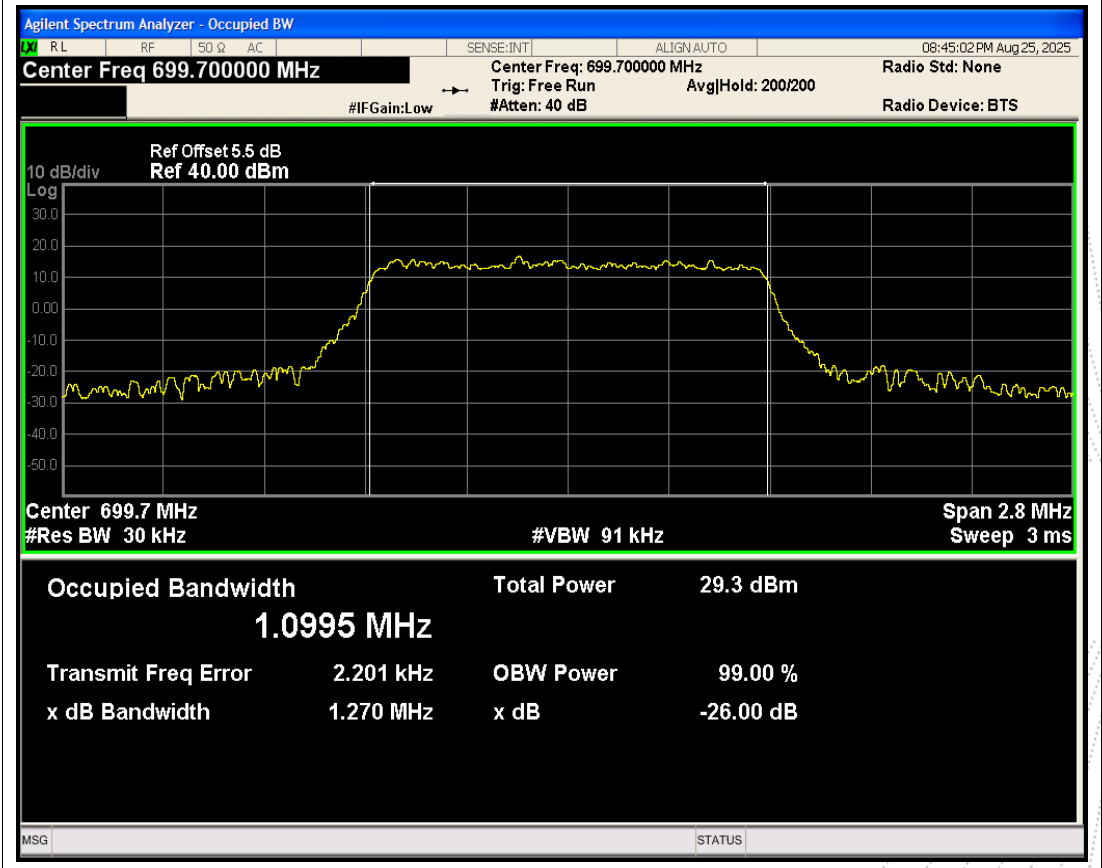
Band12 16QAM BW=10MHz Channel=23130 RB Size=1 Position=#0

Appendix 4.Occupied bandwidth

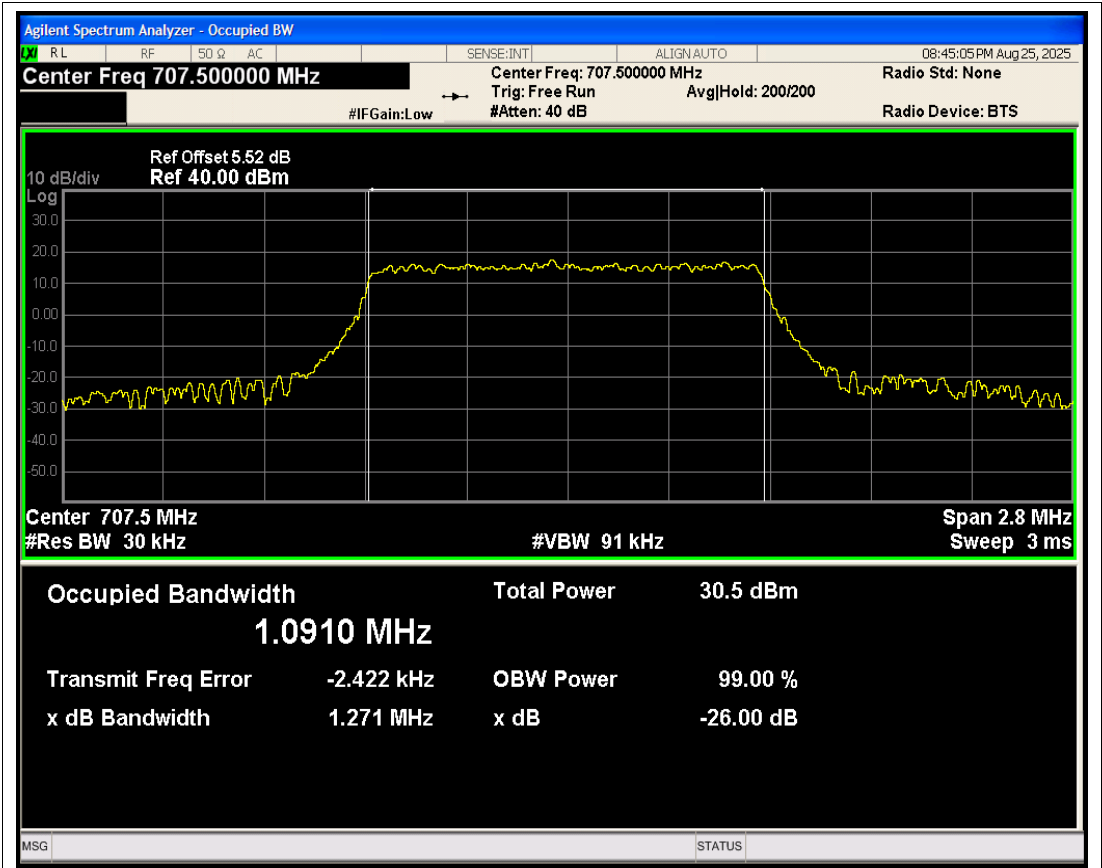
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
Band12	1.4	23017	6	#0	QPSK	1.094	1.290	PASS
Band12	1.4	23017	6	#0	16QAM	1.100	1.270	PASS
Band12	1.4	23095	6	#0	QPSK	1.091	1.271	PASS
Band12	1.4	23095	6	#0	16QAM	1.097	1.319	PASS
Band12	1.4	23173	6	#0	QPSK	1.098	1.291	PASS
Band12	1.4	23173	6	#0	16QAM	1.089	1.265	PASS
Band12	3	23025	15	#0	QPSK	2.689	2.949	PASS
Band12	3	23025	15	#0	16QAM	2.700	2.943	PASS
Band12	3	23095	15	#0	QPSK	2.686	2.940	PASS
Band12	3	23095	15	#0	16QAM	2.695	2.955	PASS
Band12	3	23165	15	#0	QPSK	2.701	2.929	PASS
Band12	3	23165	15	#0	16QAM	2.697	2.952	PASS
Band12	5	23035	25	#0	QPSK	4.511	4.858	PASS
Band12	5	23035	25	#0	16QAM	4.532	4.946	PASS
Band12	5	23095	25	#0	QPSK	4.515	4.948	PASS
Band12	5	23095	25	#0	16QAM	4.500	4.876	PASS
Band12	5	23155	25	#0	QPSK	4.511	4.968	PASS
Band12	5	23155	25	#0	16QAM	4.509	4.939	PASS
Band12	10	23060	50	#0	QPSK	8.985	9.587	PASS
Band12	10	23060	50	#0	16QAM	9.007	9.668	PASS
Band12	10	23095	50	#0	QPSK	8.976	9.676	PASS
Band12	10	23095	50	#0	16QAM	8.958	9.649	PASS
Band12	10	23130	50	#0	QPSK	8.969	9.719	PASS
Band12	10	23130	50	#0	16QAM	8.974	9.572	PASS



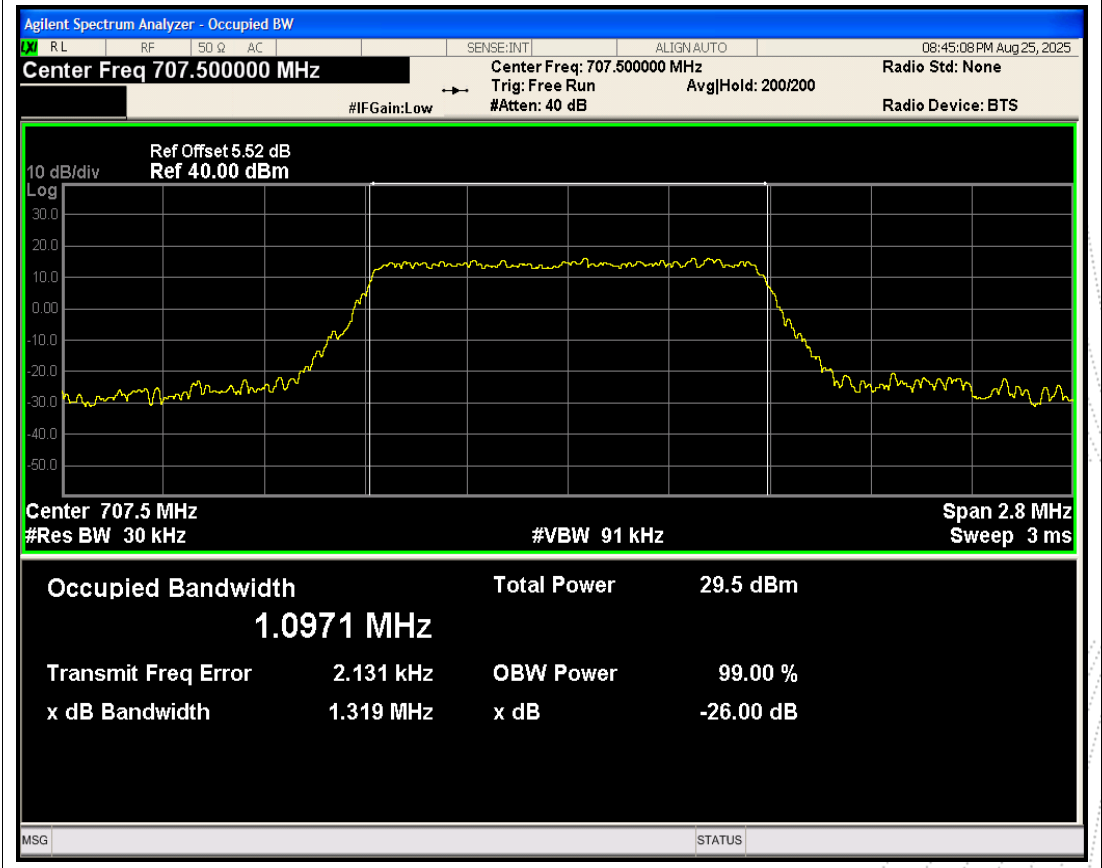
Band12 QPSK BW=1.4MHz Channel=23017 RB Size=6 Position=#0



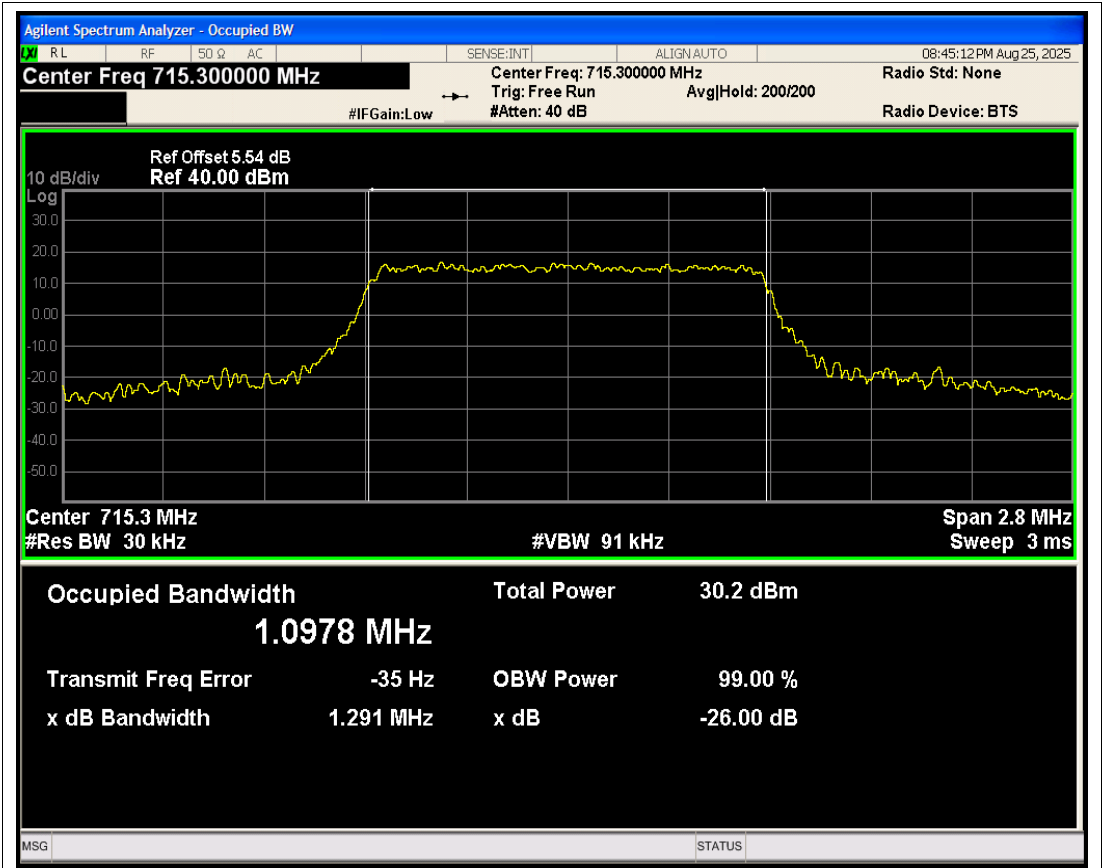
Band12 16QAM BW=1.4MHz Channel=23017 RB Size=6 Position=#0



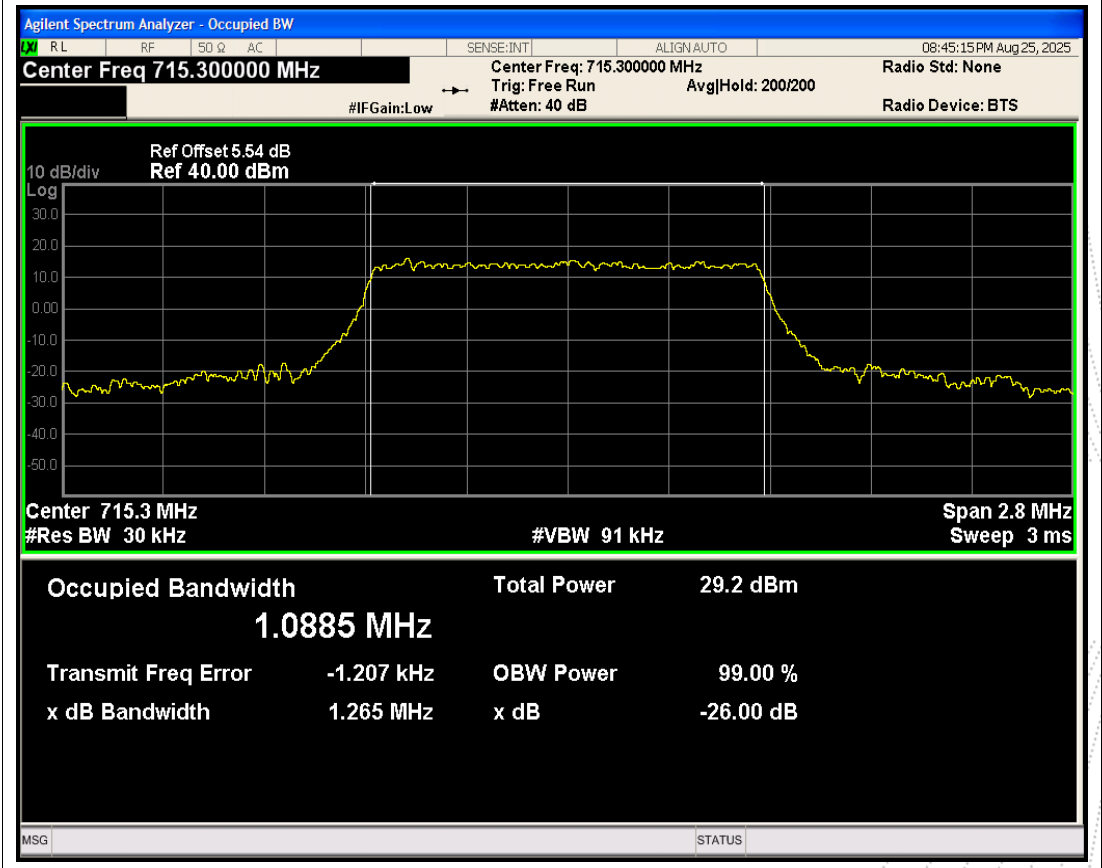
Band12 QPSK BW=1.4MHz Channel=23095 RB Size=6 Position=#0



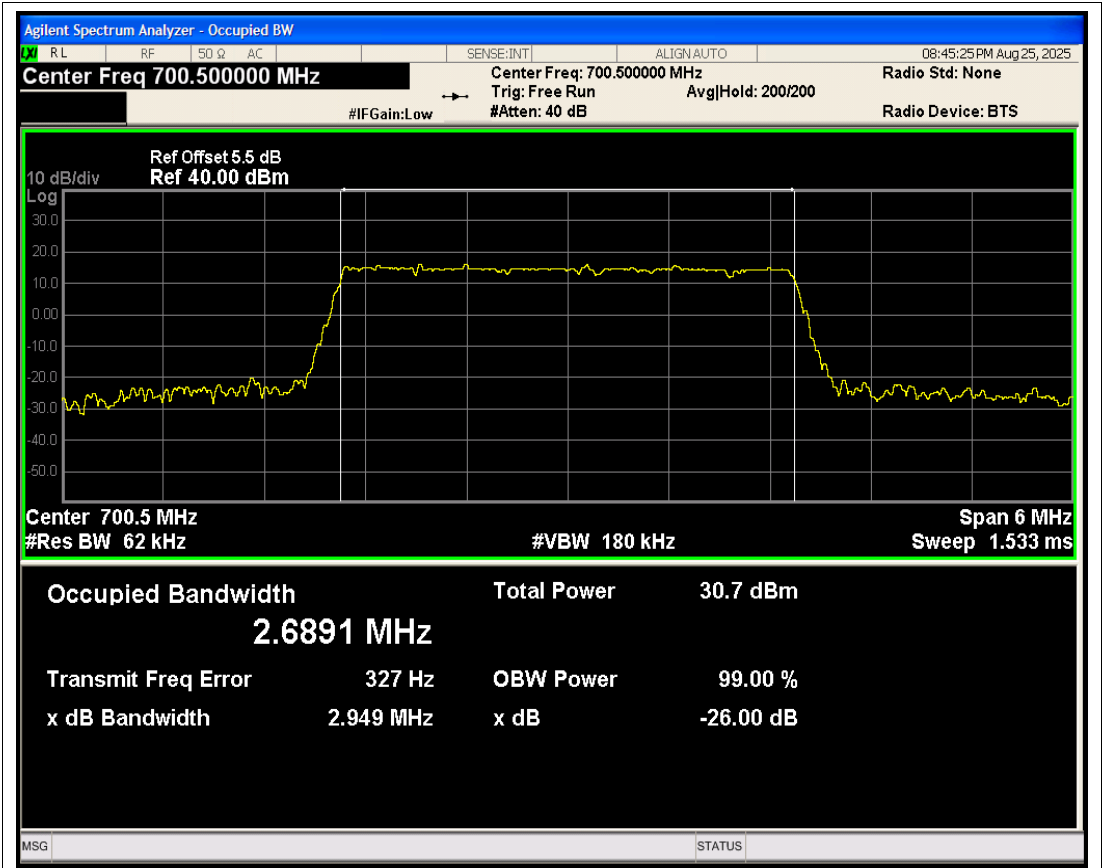
Band12 16QAM BW=1.4MHz Channel=23095 RB Size=6 Position=#0



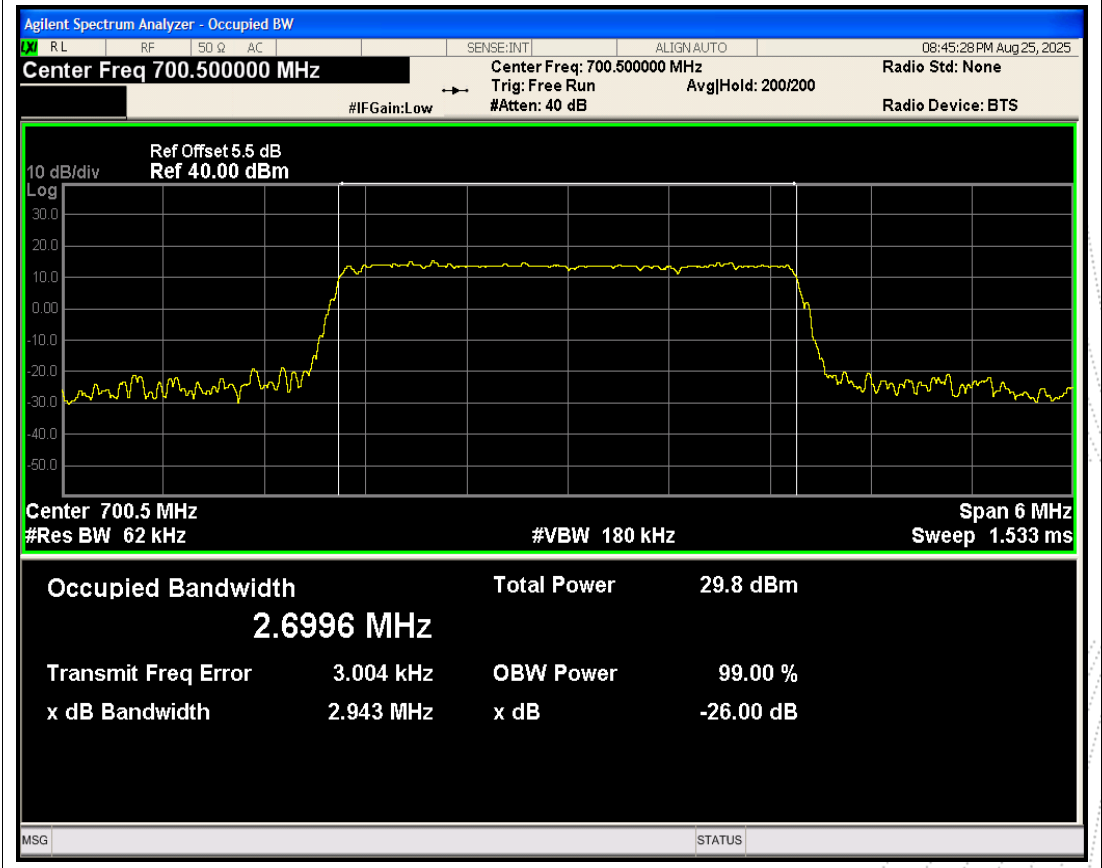
Band12 QPSK BW=1.4MHz Channel=23173 RB Size=6 Position=#0



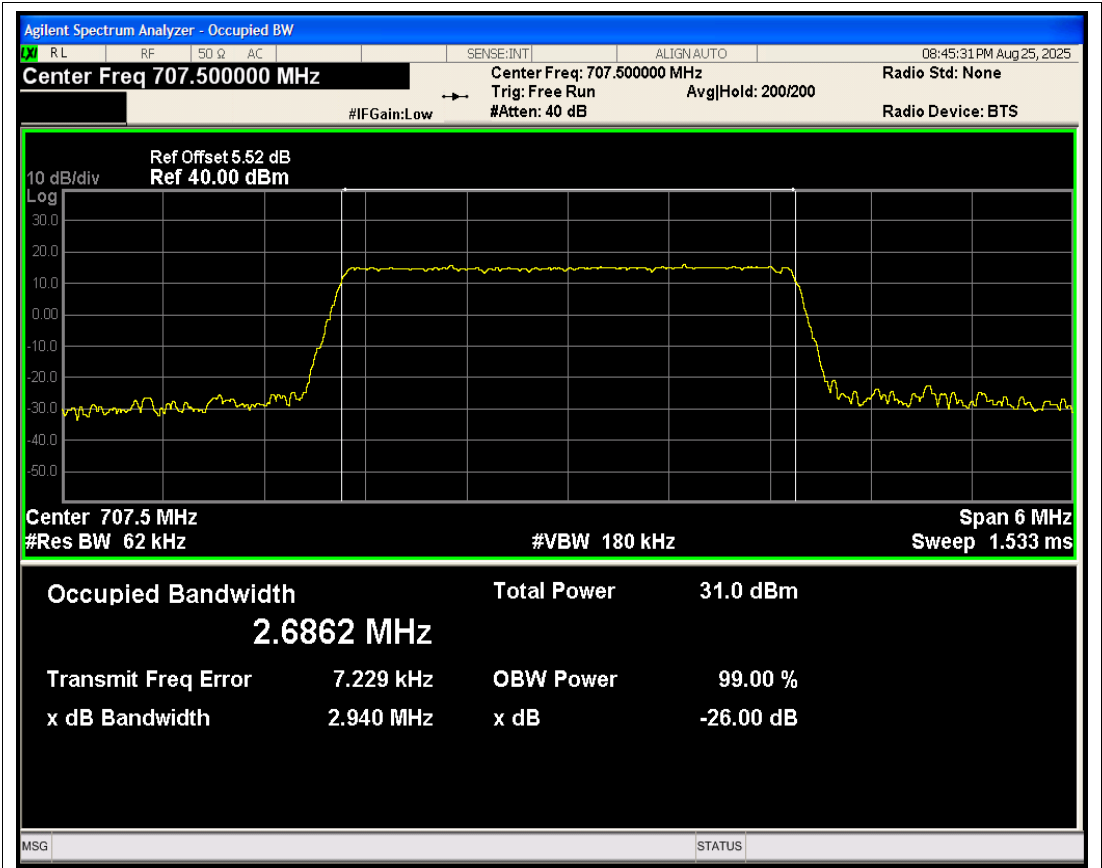
Band12 16QAM BW=1.4MHz Channel=23173 RB Size=6 Position=#0



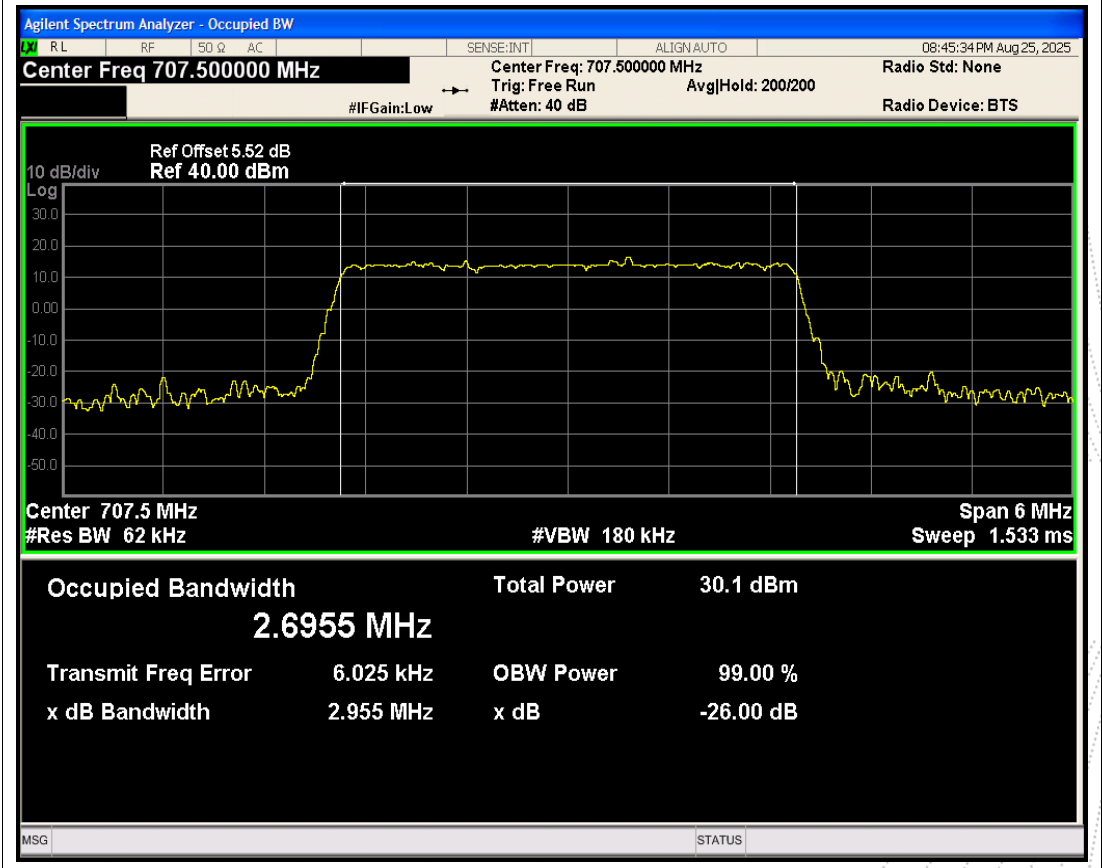
Band12 QPSK BW=3MHz Channel=23025 RB Size=15 Position=#0



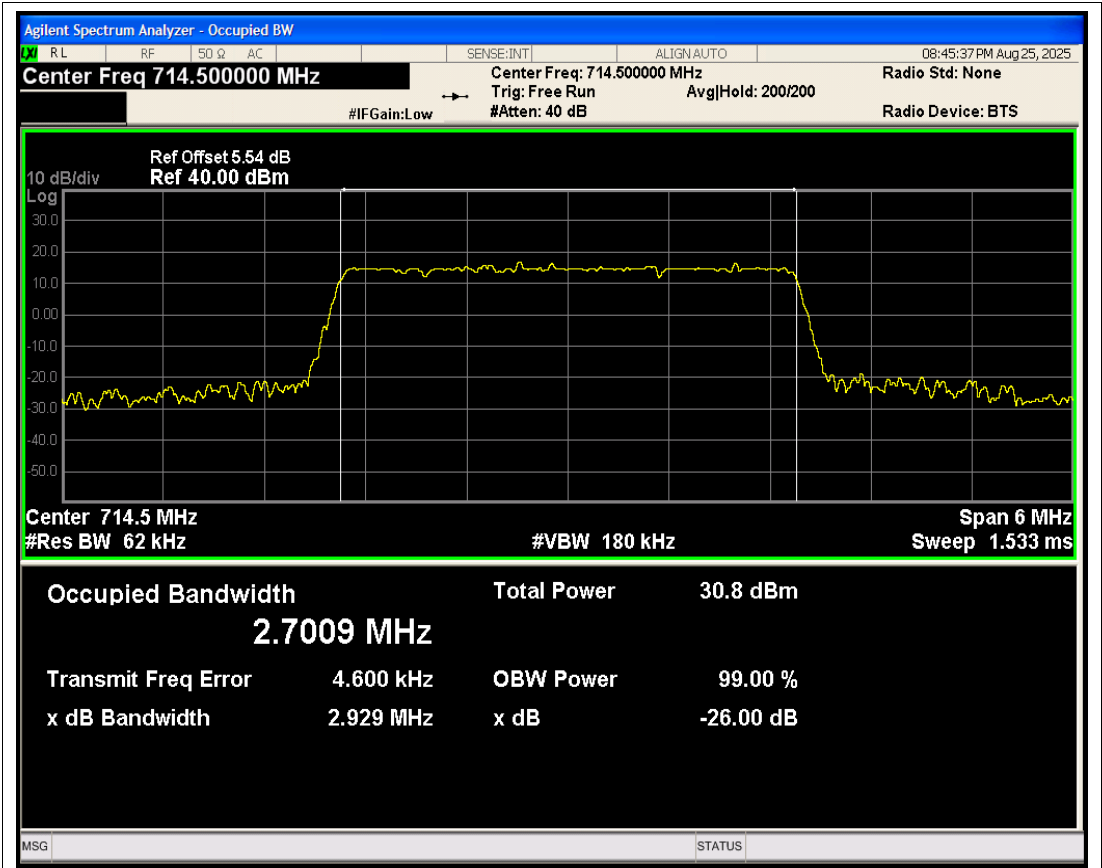
Band12 16QAM BW=3MHz Channel=23025 RB Size=15 Position=#0



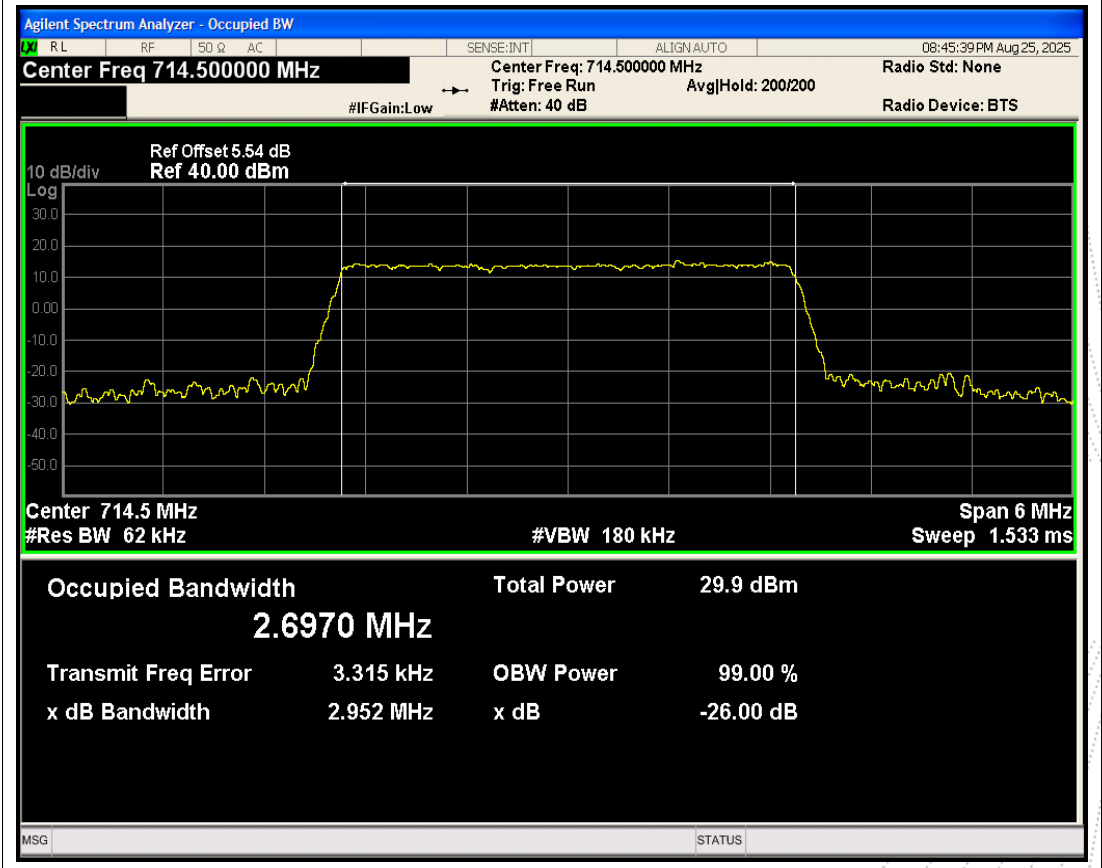
Band12 QPSK BW=3MHz Channel=23095 RB Size=15 Position=#0



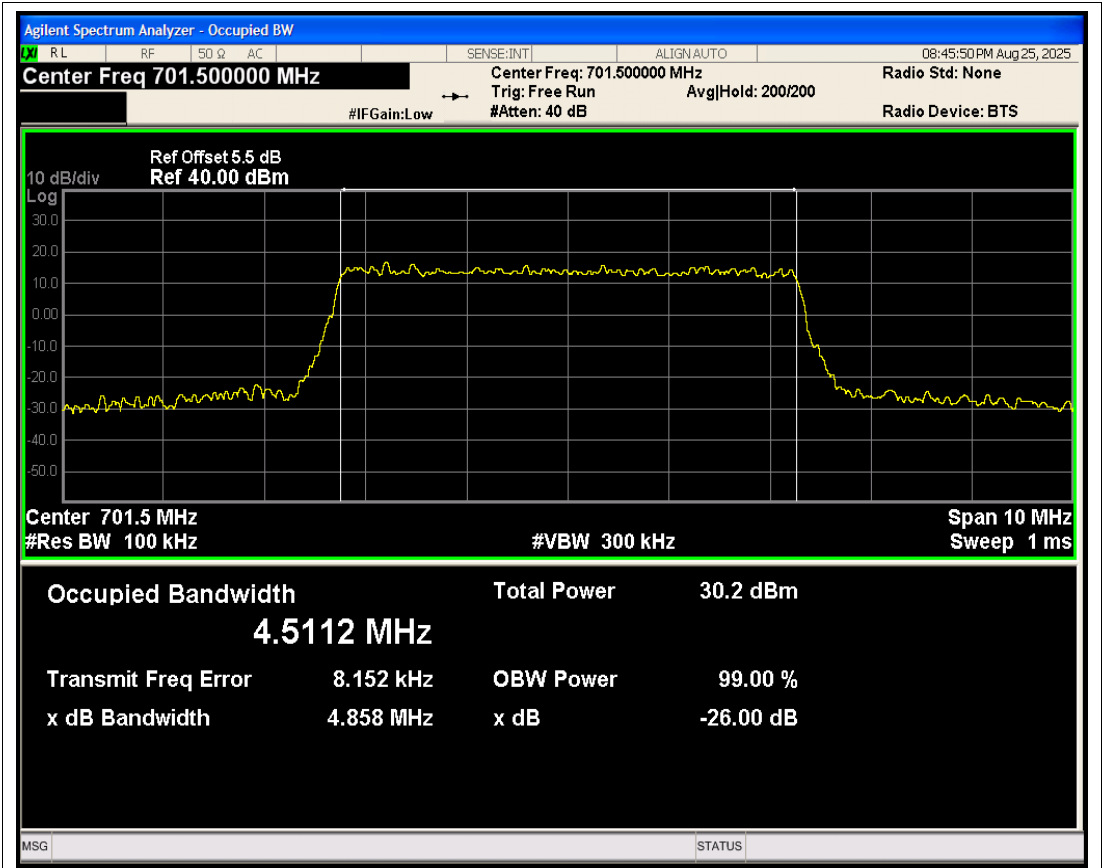
Band12 16QAM BW=3MHz Channel=23095 RB Size=15 Position=#0



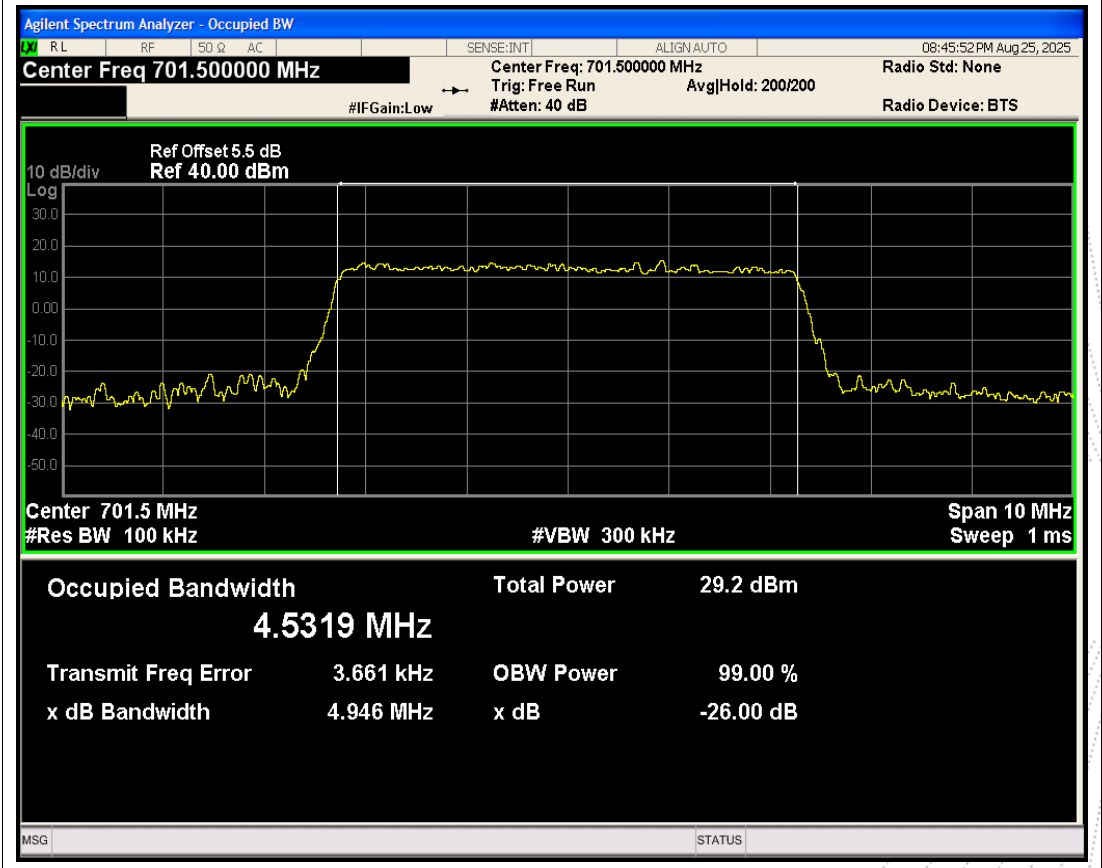
Band12 QPSK BW=3MHz Channel=23165 RB Size=15 Position=#0



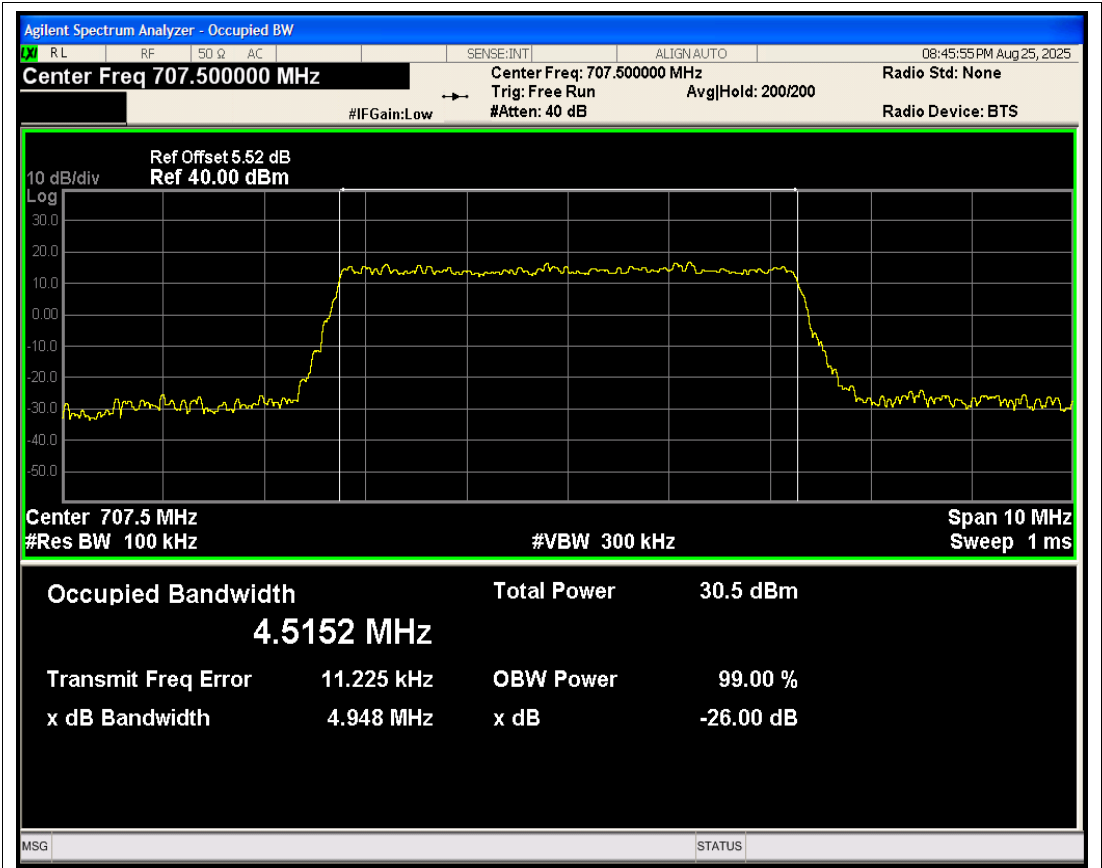
Band12 16QAM BW=3MHz Channel=23165 RB Size=15 Position=#0



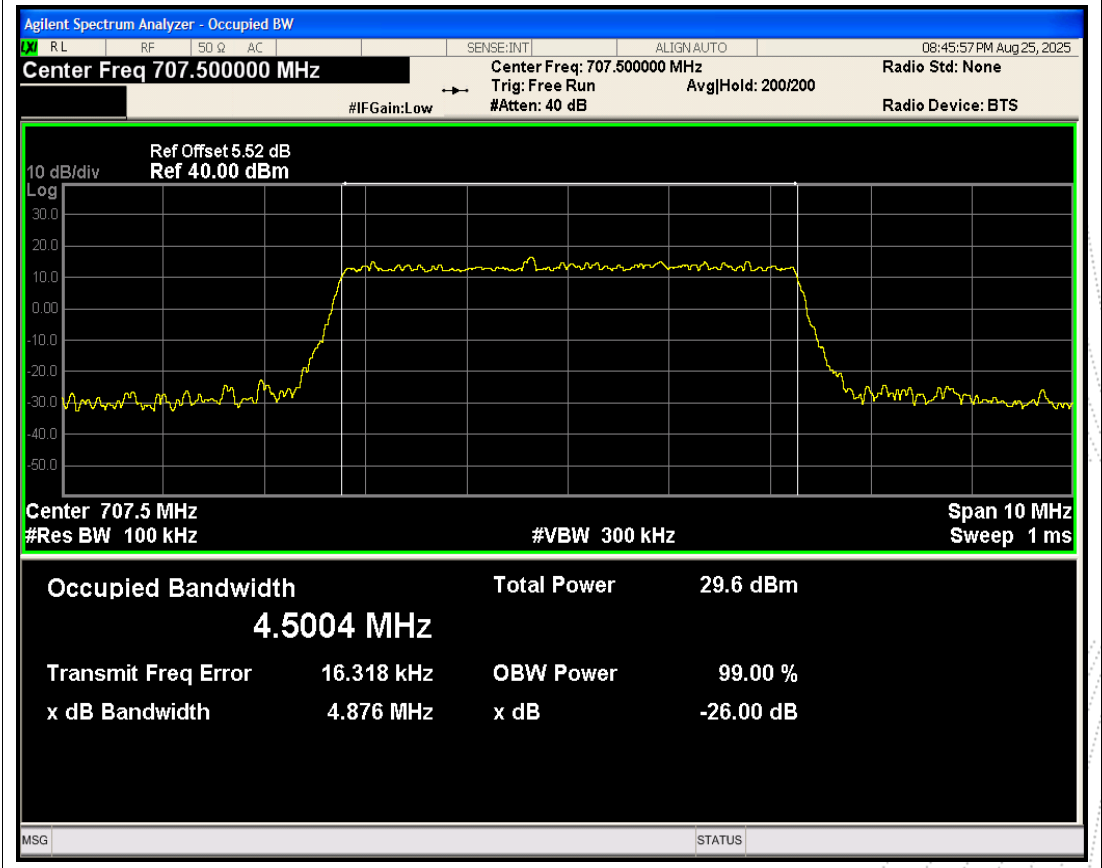
Band12 QPSK BW=5MHz Channel=23035 RB Size=25 Position=#0



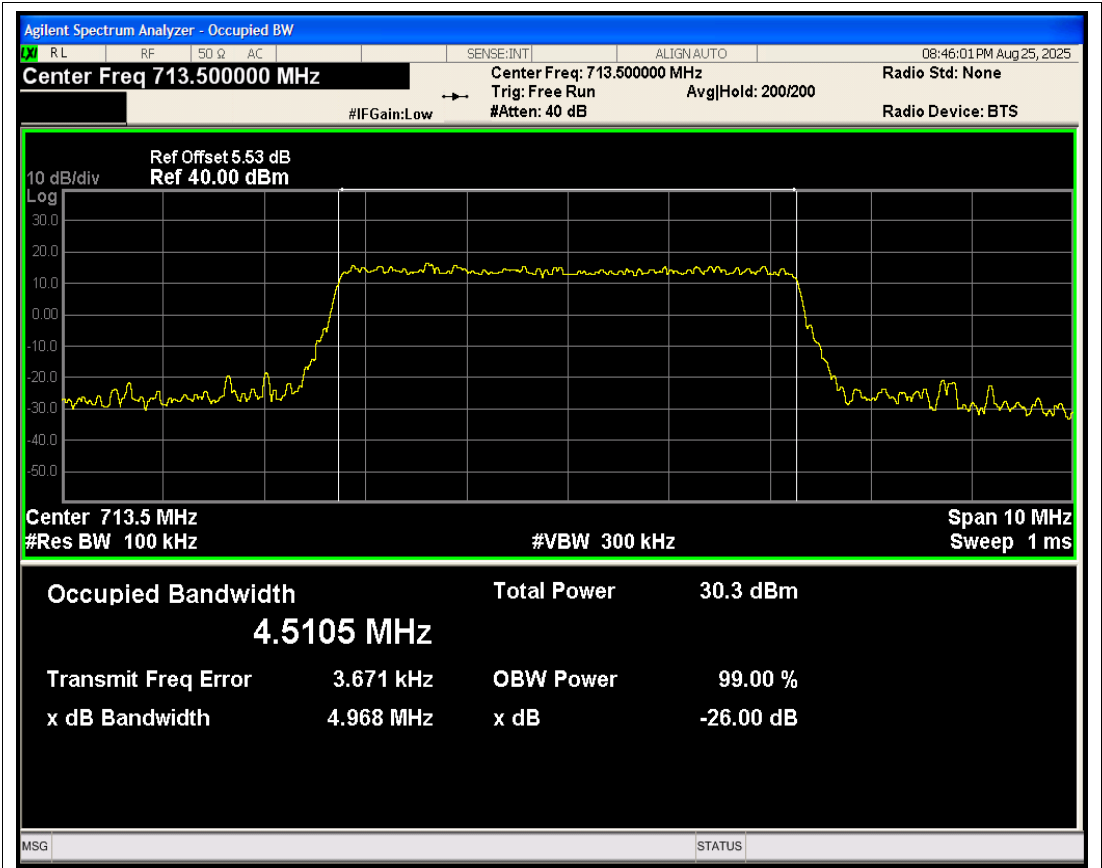
Band12 16QAM BW=5MHz Channel=23035 RB Size=25 Position=#0



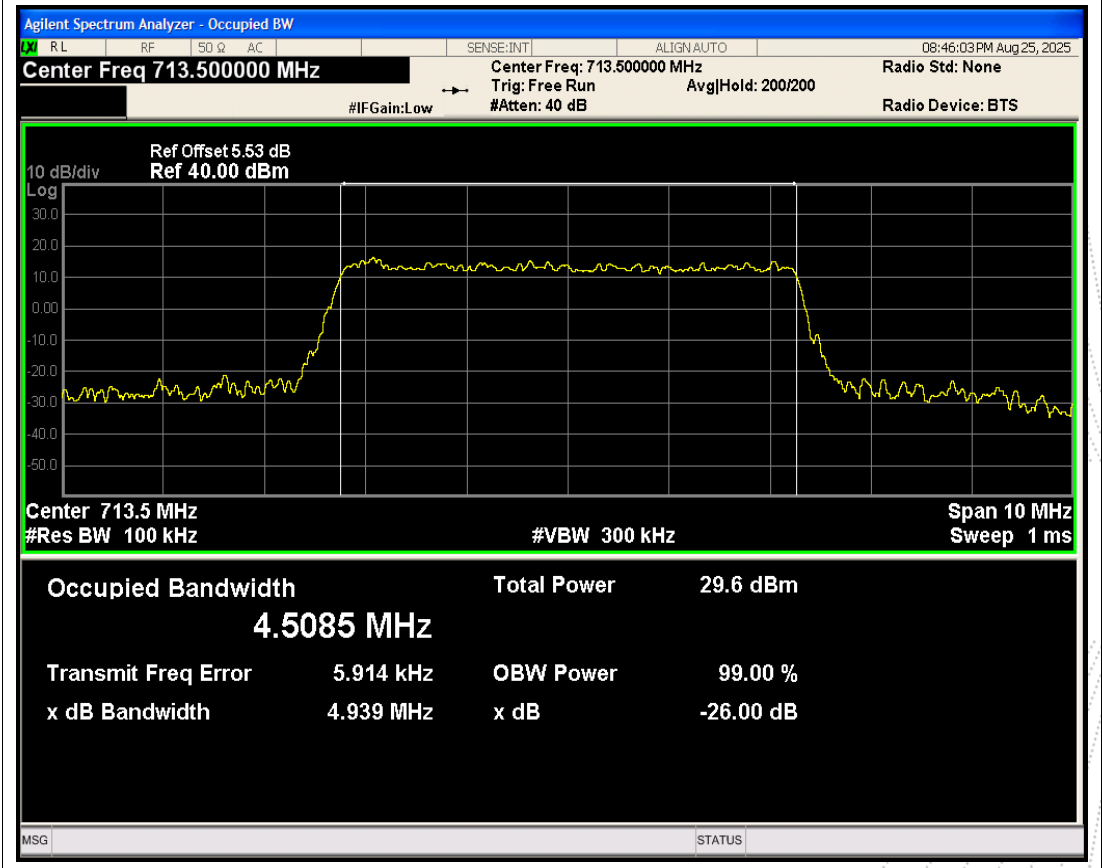
Band12 QPSK BW=5MHz Channel=23095 RB Size=25 Position=#0



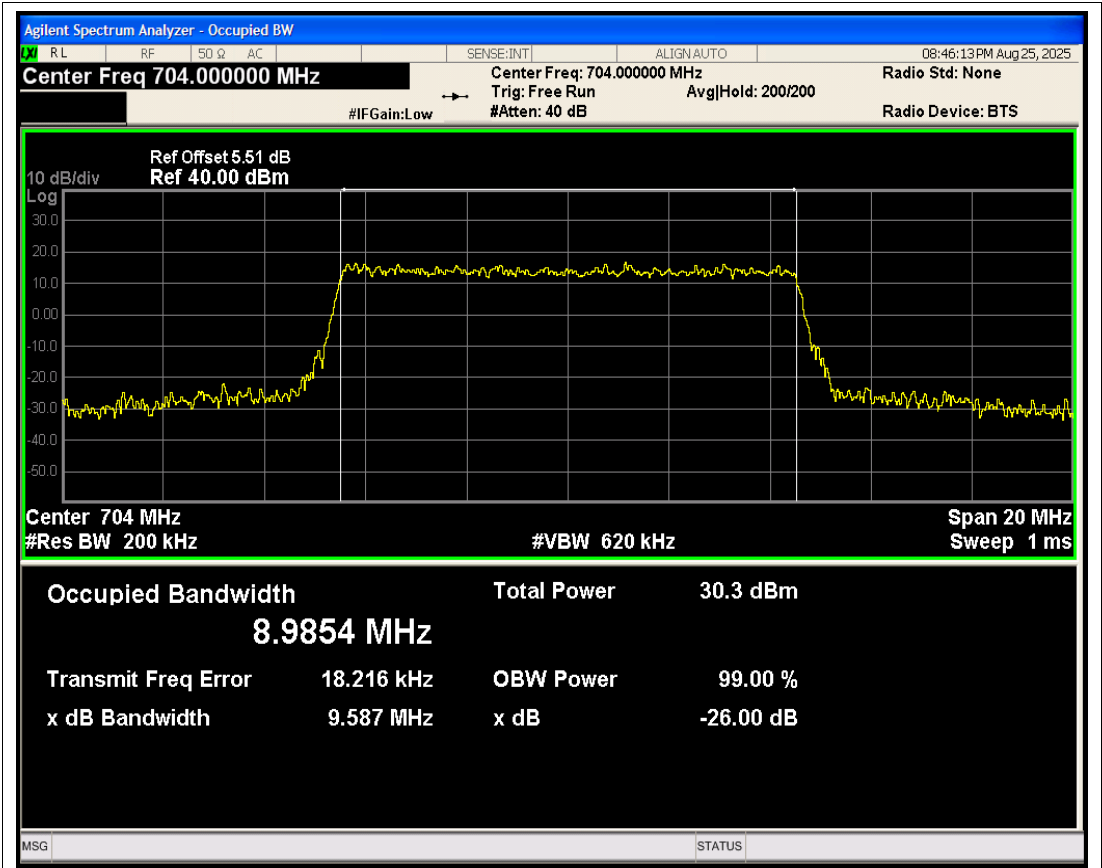
Band12 16QAM BW=5MHz Channel=23095 RB Size=25 Position=#0



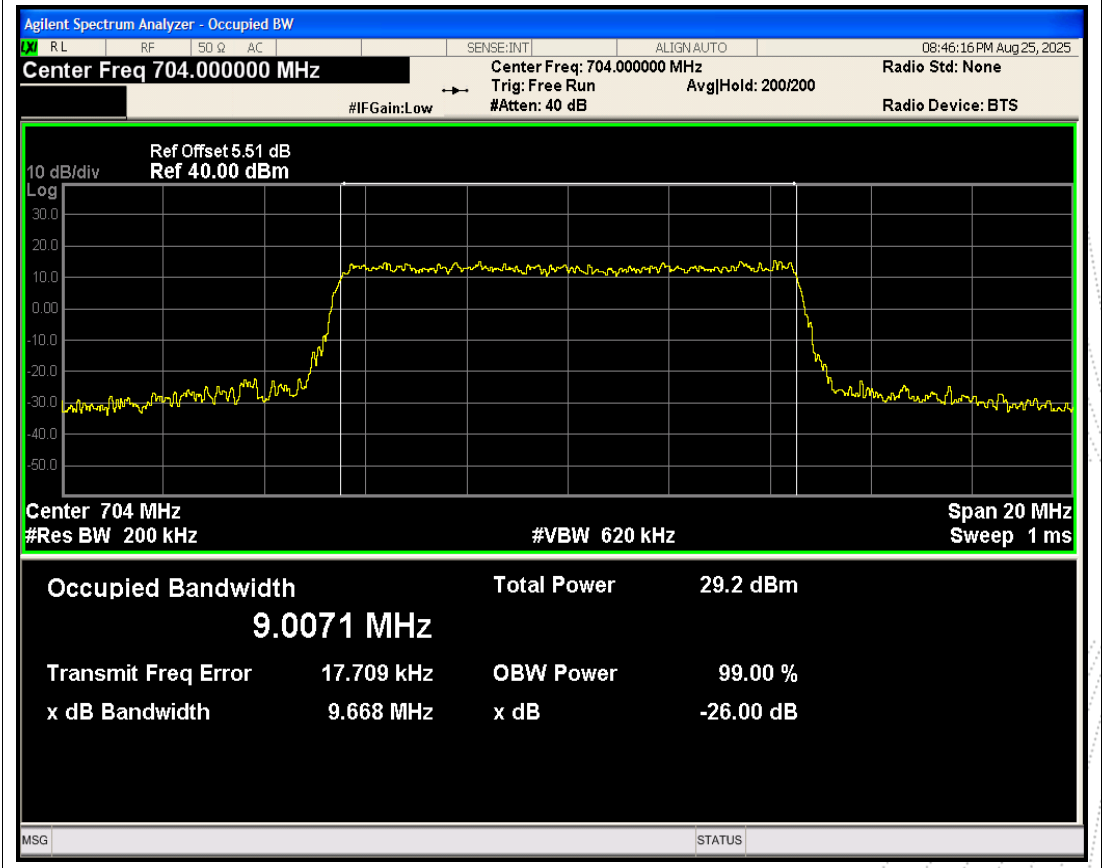
Band12 QPSK BW=5MHz Channel=23155 RB Size=25 Position=#0



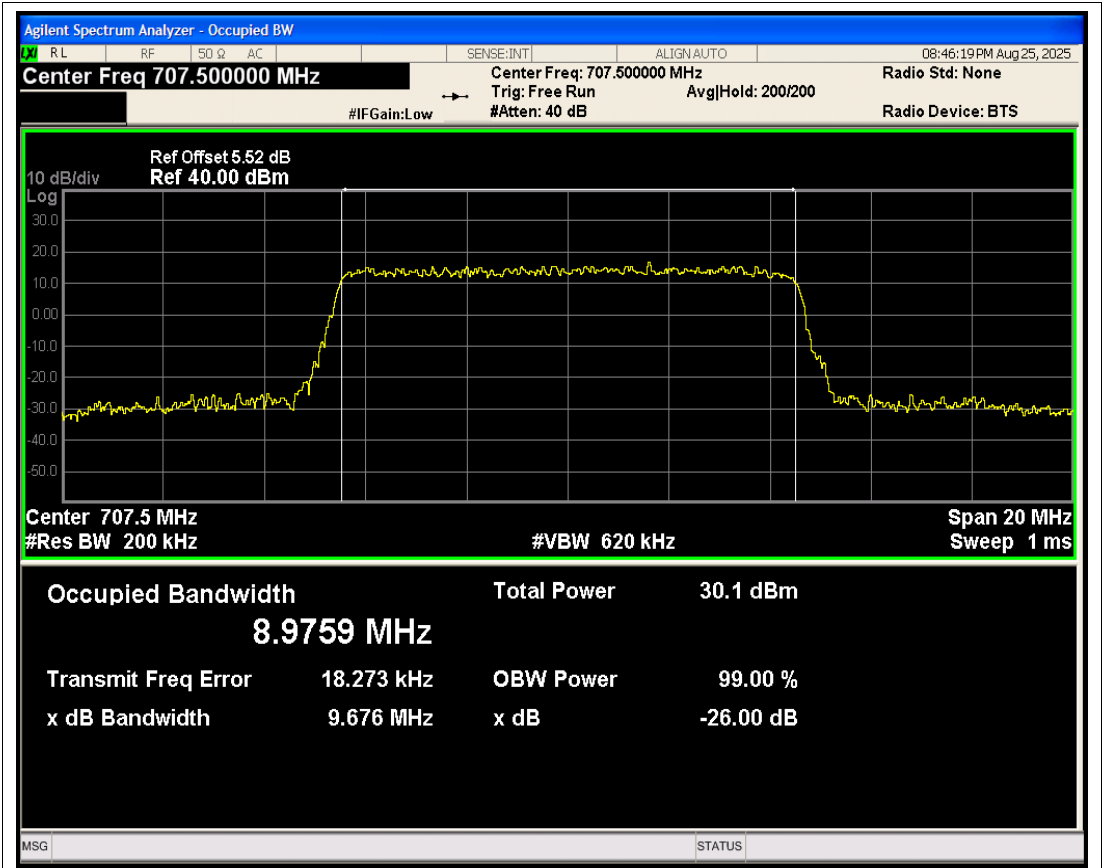
Band12 16QAM BW=5MHz Channel=23155 RB Size=25 Position=#0



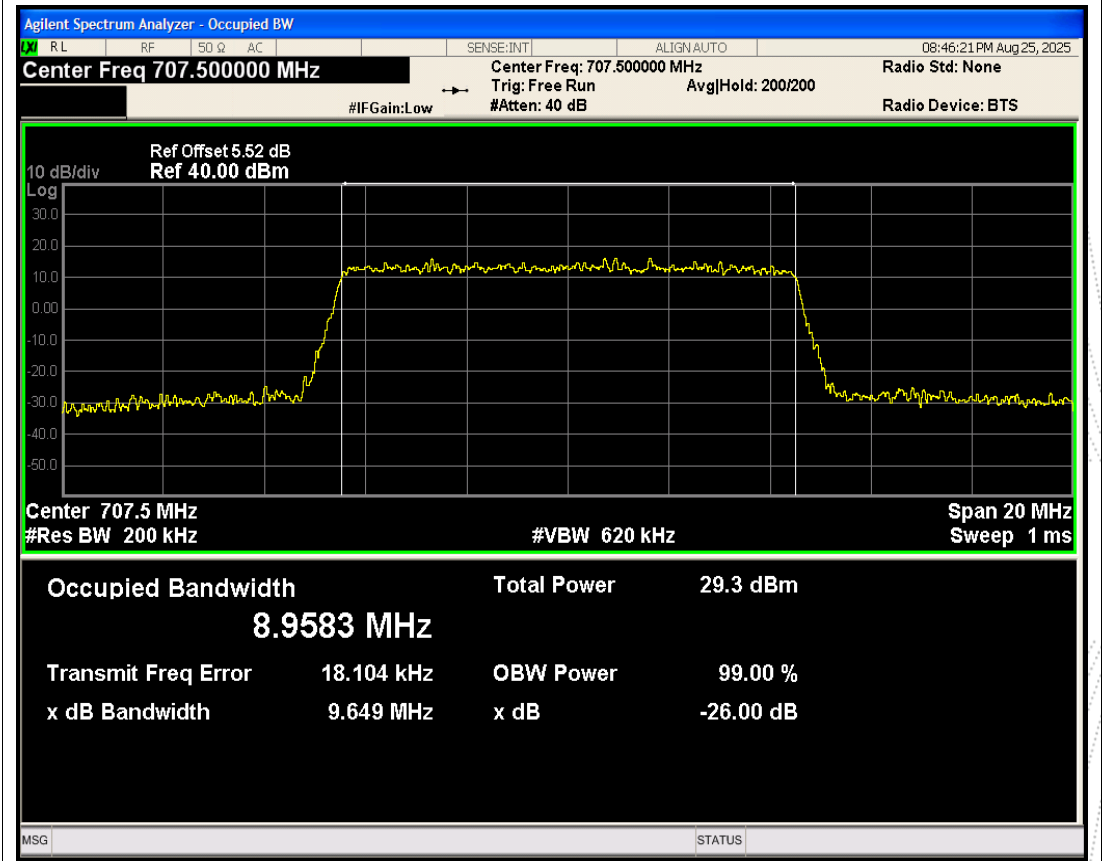
Band12 QPSK BW=10MHz Channel=23060 RB Size=50 Position=#0



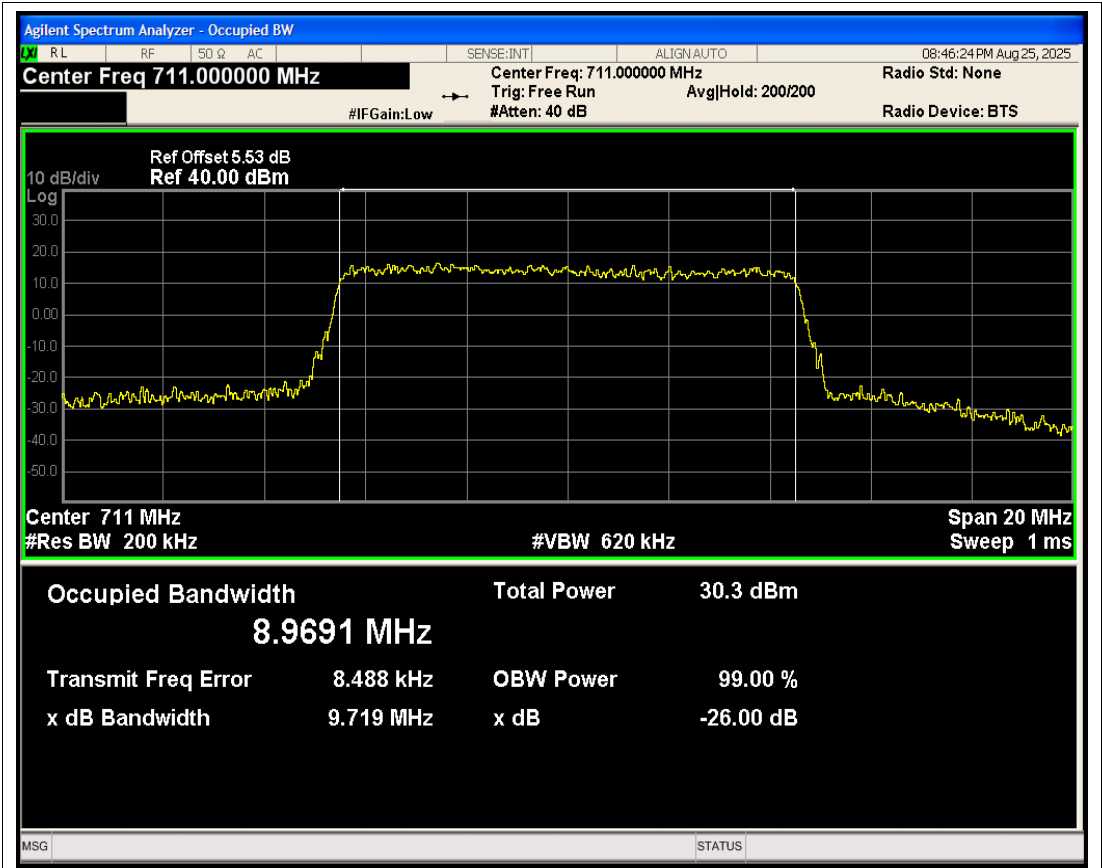
Band12 16QAM BW=10MHz Channel=23060 RB Size=50 Position=#0



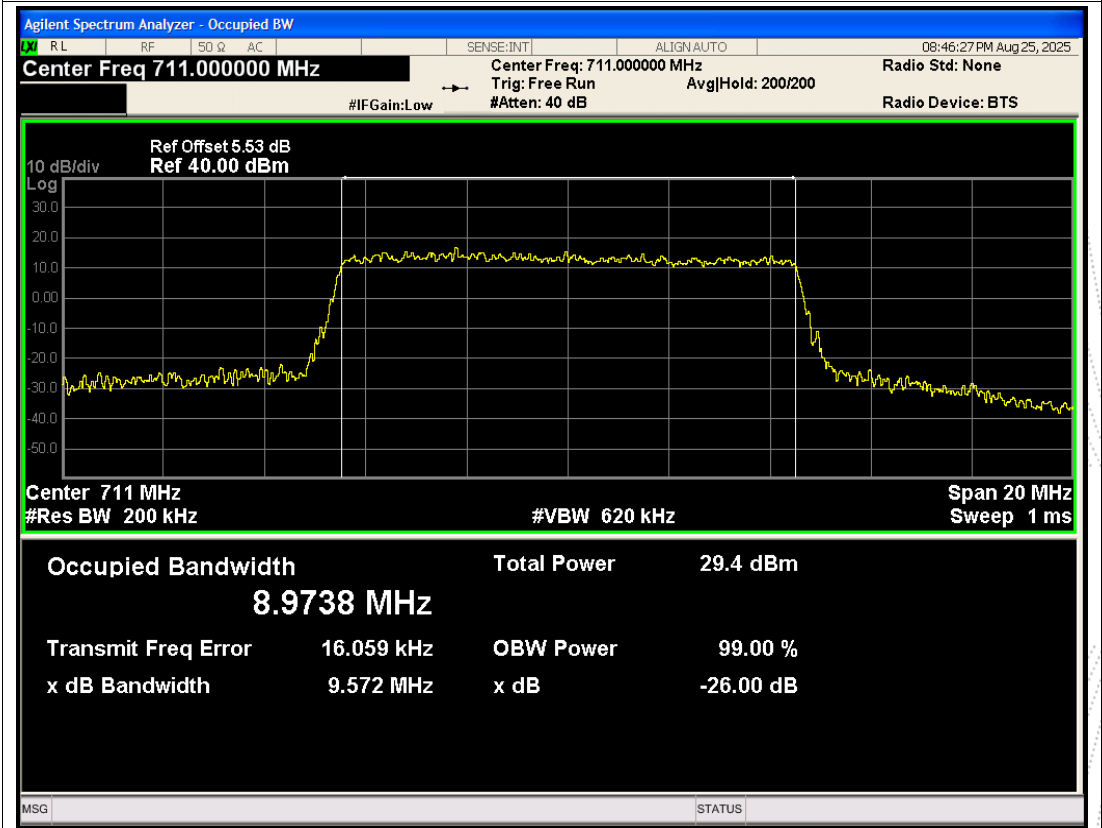
Band12 QPSK BW=10MHz Channel=23095 RB Size=50 Position=#0



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



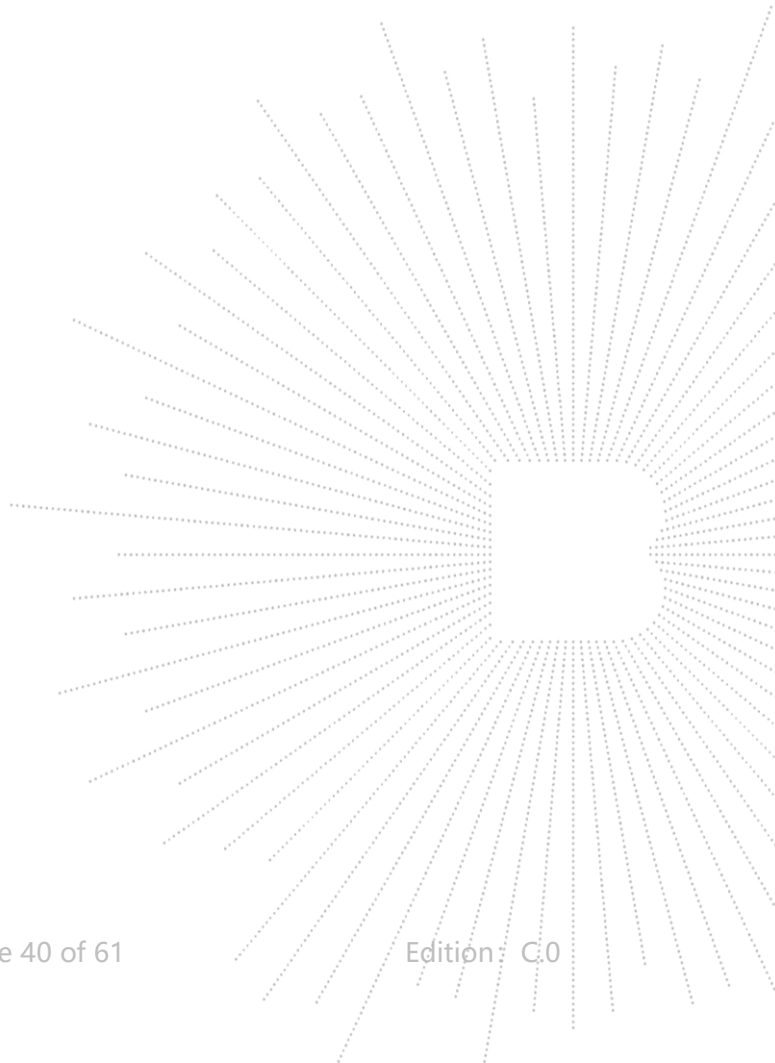
Band12 QPSK BW=10MHz Channel=23130 RB Size=50 Position=#0

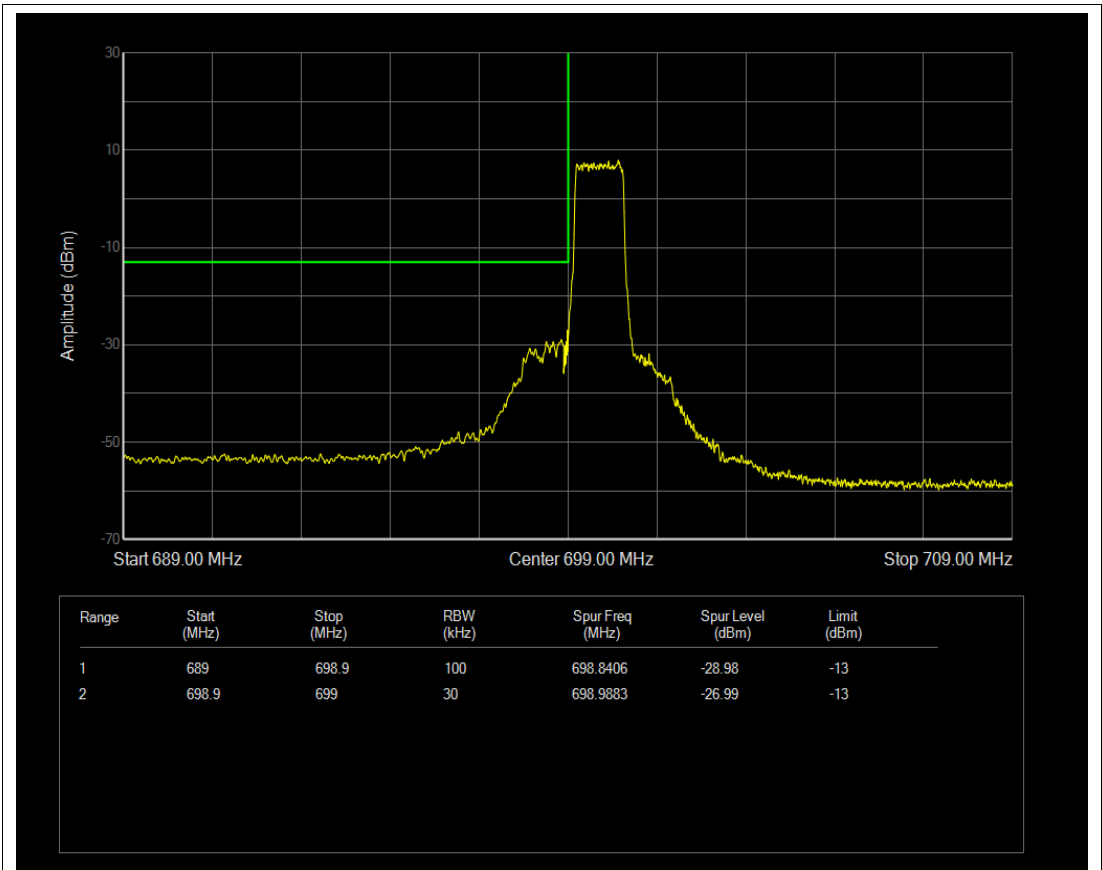


Band12 16QAM BW=10MHz Channel=23130 RB Size=50 Position=#0

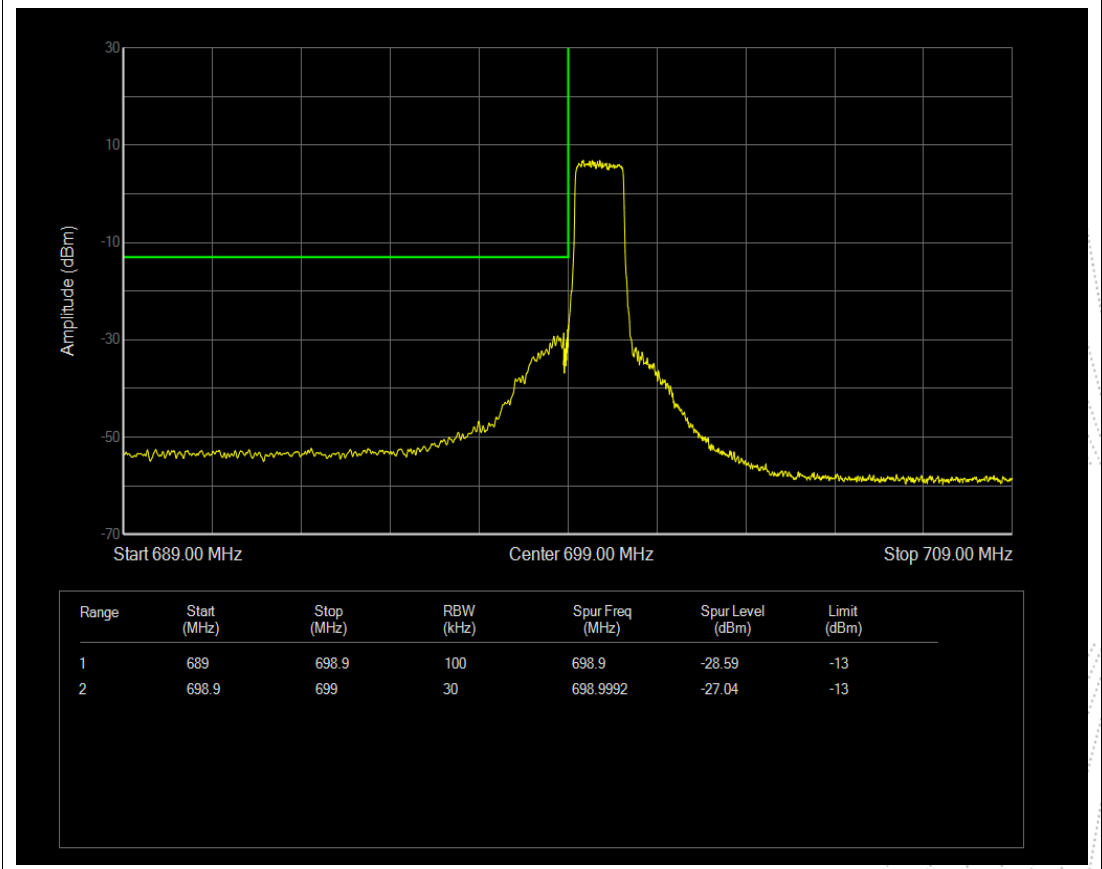
Appendix 5. Band edge

<i>Band</i>	<i>Bandwidth (MHz)</i>	<i>UL Channel</i>	<i>RB Size</i>	<i>RB Position</i>	<i>Modulation</i>	<i>Spur Freq (MHz)</i>	<i>Spur Level (dBm)</i>	<i>Limit (dBm)</i>	<i>Verdict</i>
Band12	1.4	23017	6	#0	QPSK	698.99	-26.99	-13	PASS
Band12	1.4	23017	6	#0	16QAM	699.00	-27.04	-13	PASS
Band12	1.4	23173	6	#0	QPSK	716.11	-24.10	-13	PASS
Band12	1.4	23173	6	#0	16QAM	716.11	-23.70	-13	PASS
Band12	3	23025	15	#0	QPSK	699.00	-31.55	-13	PASS
Band12	3	23025	15	#0	16QAM	698.74	-30.15	-13	PASS
Band12	3	23165	15	#0	QPSK	716.15	-31.53	-13	PASS
Band12	3	23165	15	#0	16QAM	716.11	-31.30	-13	PASS
Band12	5	23035	25	#0	QPSK	698.90	-30.55	-13	PASS
Band12	5	23035	25	#0	16QAM	698.90	-33.57	-13	PASS
Band12	5	23155	25	#0	QPSK	716.11	-31.86	-13	PASS
Band12	5	23155	25	#0	16QAM	716.01	-32.49	-13	PASS
Band12	10	23060	50	#0	QPSK	698.88	-35.85	-13	PASS
Band12	10	23060	50	#0	16QAM	698.90	-36.48	-13	PASS
Band12	10	23130	50	#0	QPSK	716.20	-36.12	-13	PASS
Band12	10	23130	50	#0	16QAM	716.11	-37.05	-13	PASS

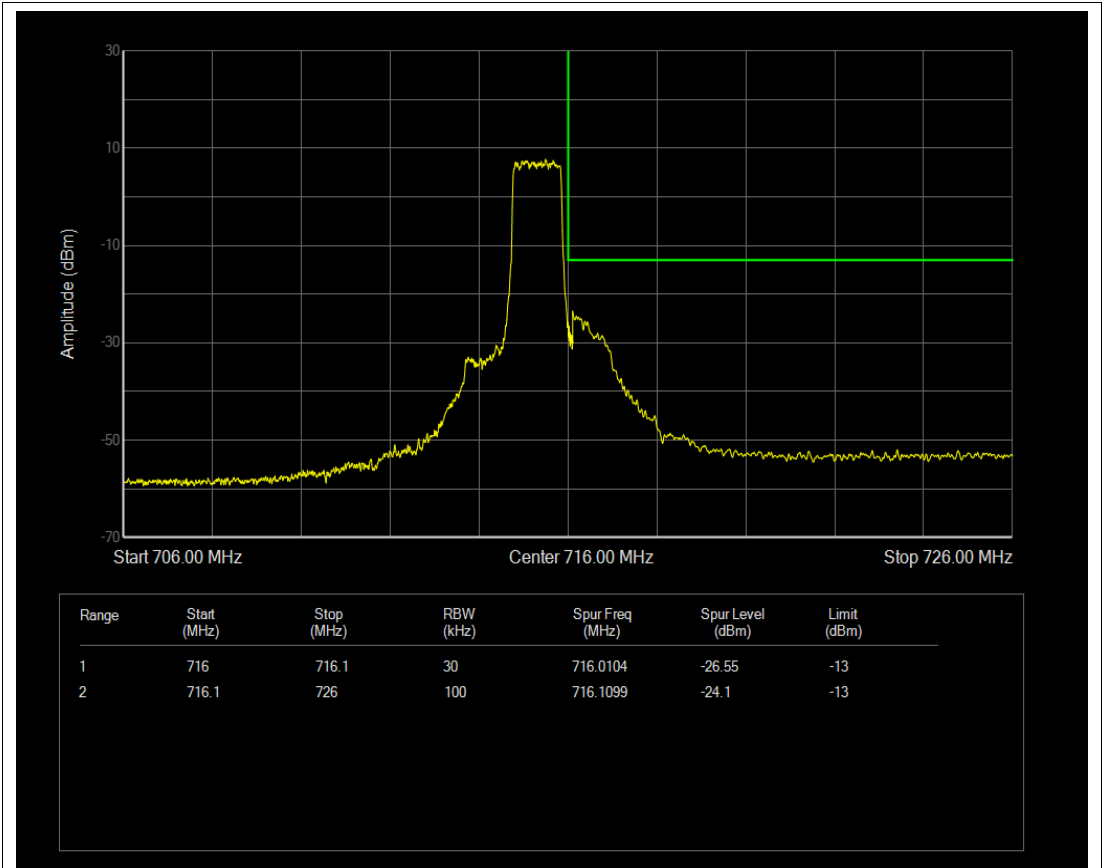




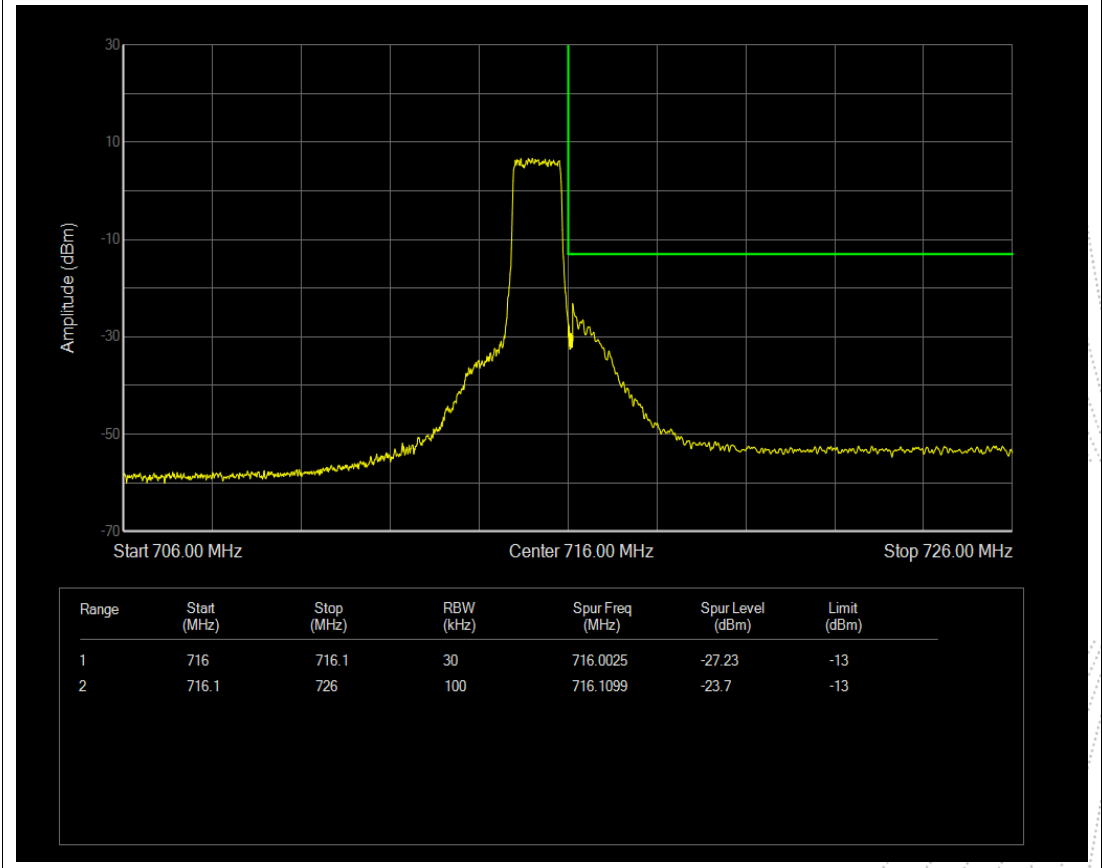
Band12 QPSK BW=1.4MHz Channel=23017 RB Size=6 Position=#0



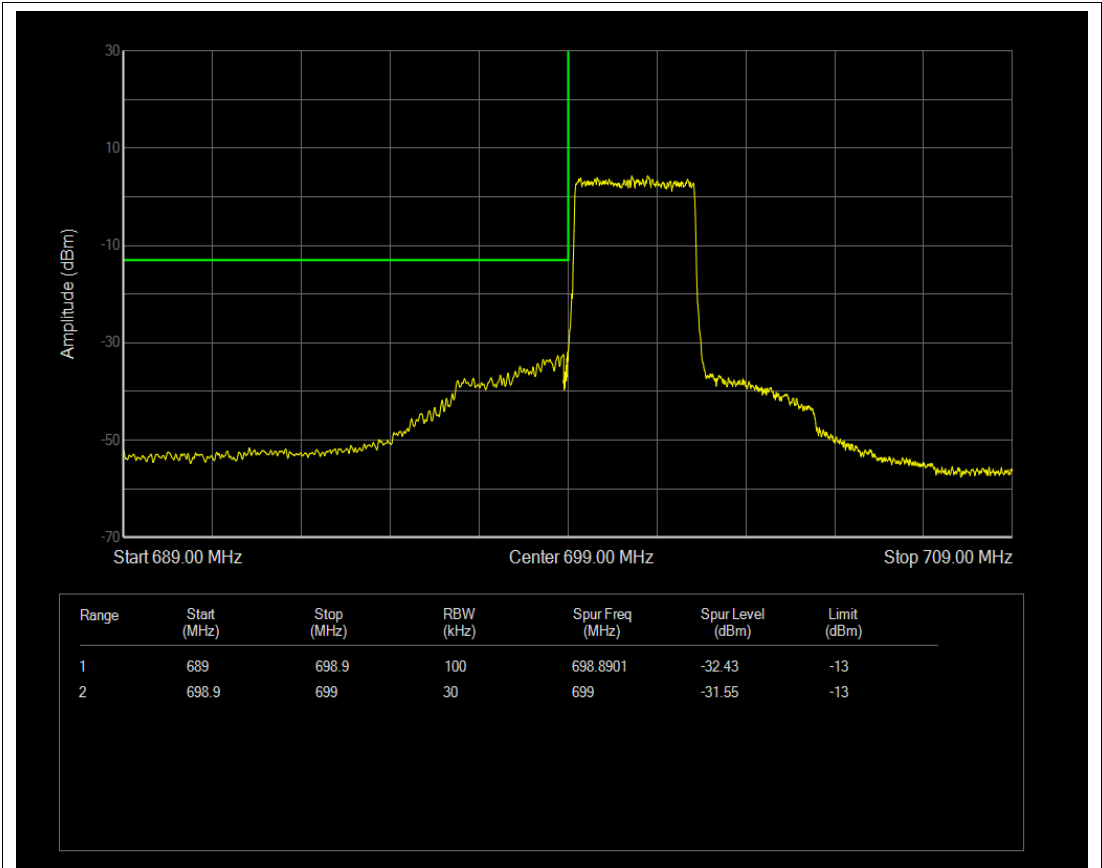
Band12 16QAM BW=1.4MHz Channel=23017 RB Size=6 Position=#0



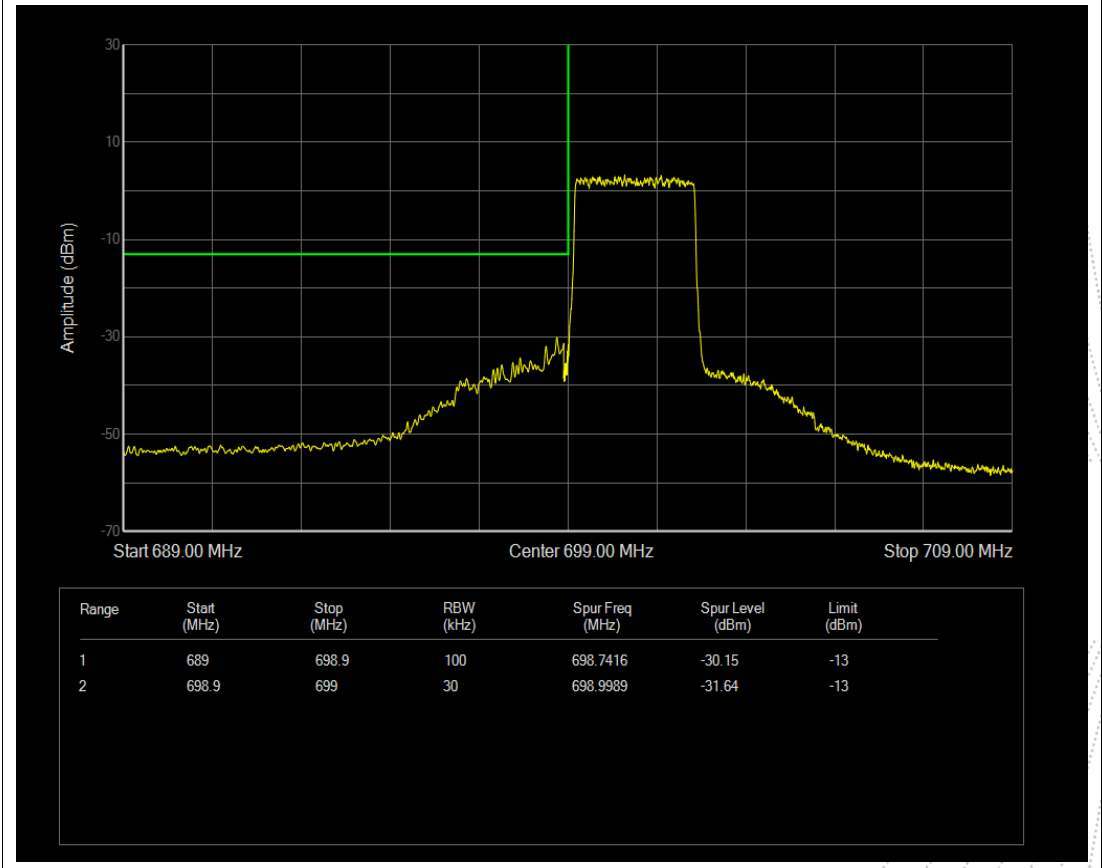
Band12 QPSK BW=1.4MHz Channel=23173 RB Size=6 Position=#0



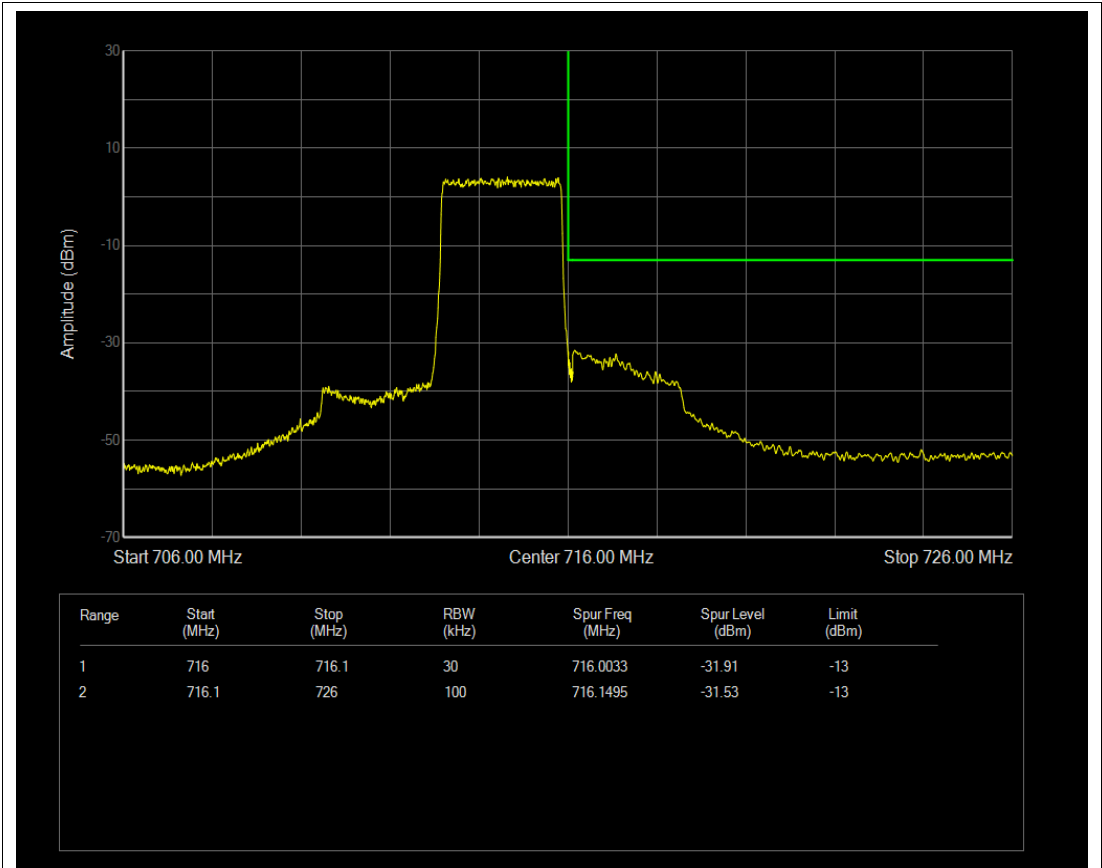
Band12 16QAM BW=1.4MHz Channel=23173 RB Size=6 Position=#0



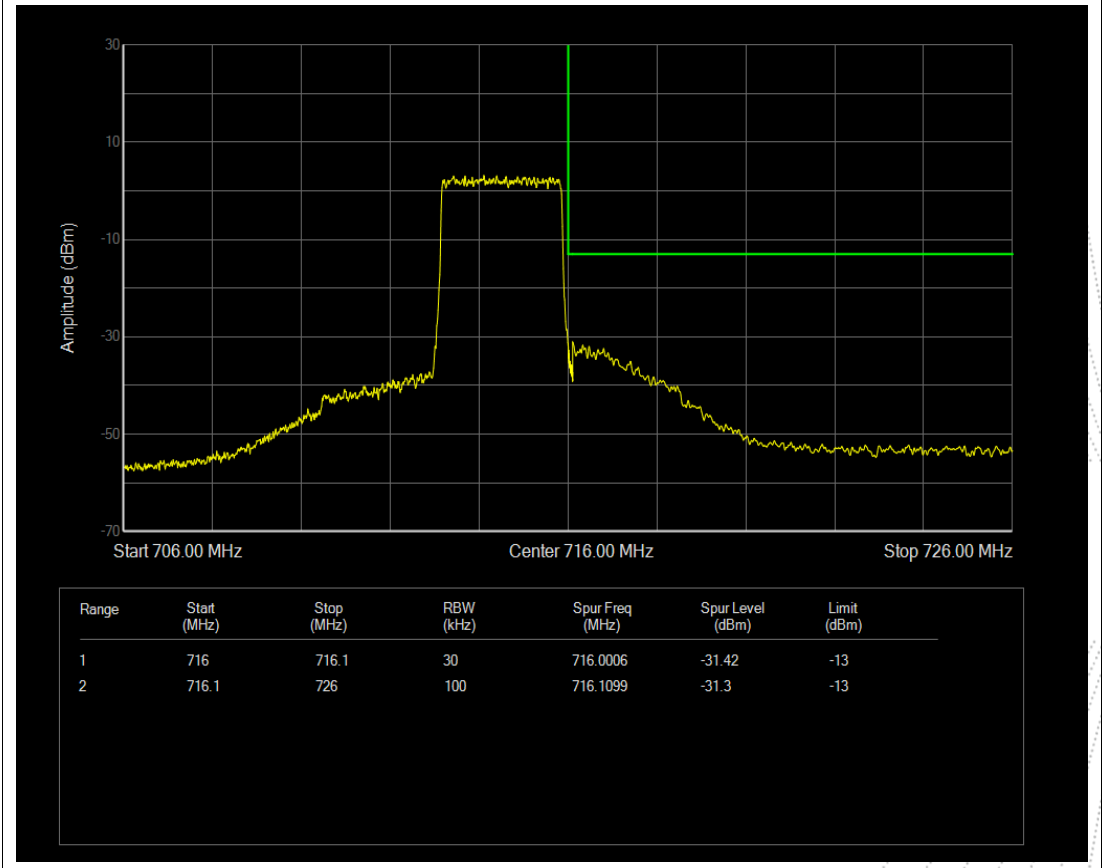
Band12 QPSK BW=3MHz Channel=23025 RB Size=15 Position=#0



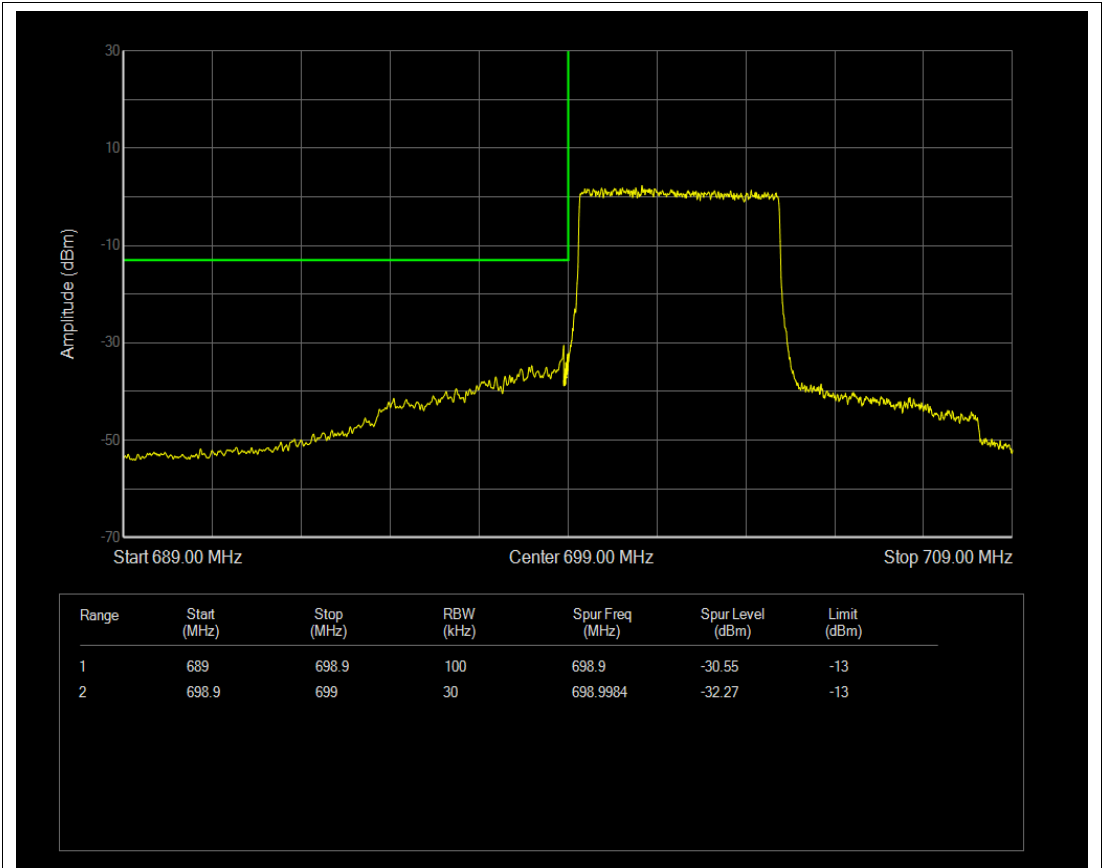
Band12 16QAM BW=3MHz Channel=23025 RB Size=15 Position=#0



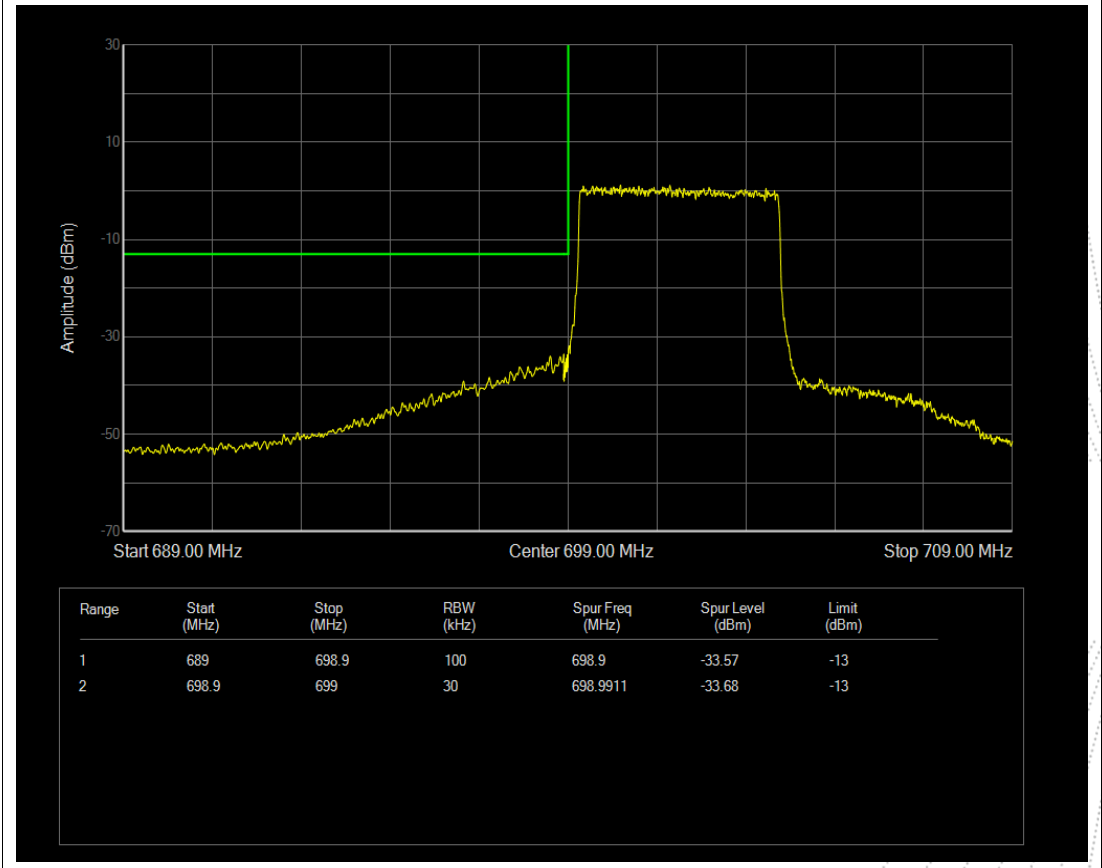
Band12 QPSK BW=3MHz Channel=23165 RB Size=15 Position=#0



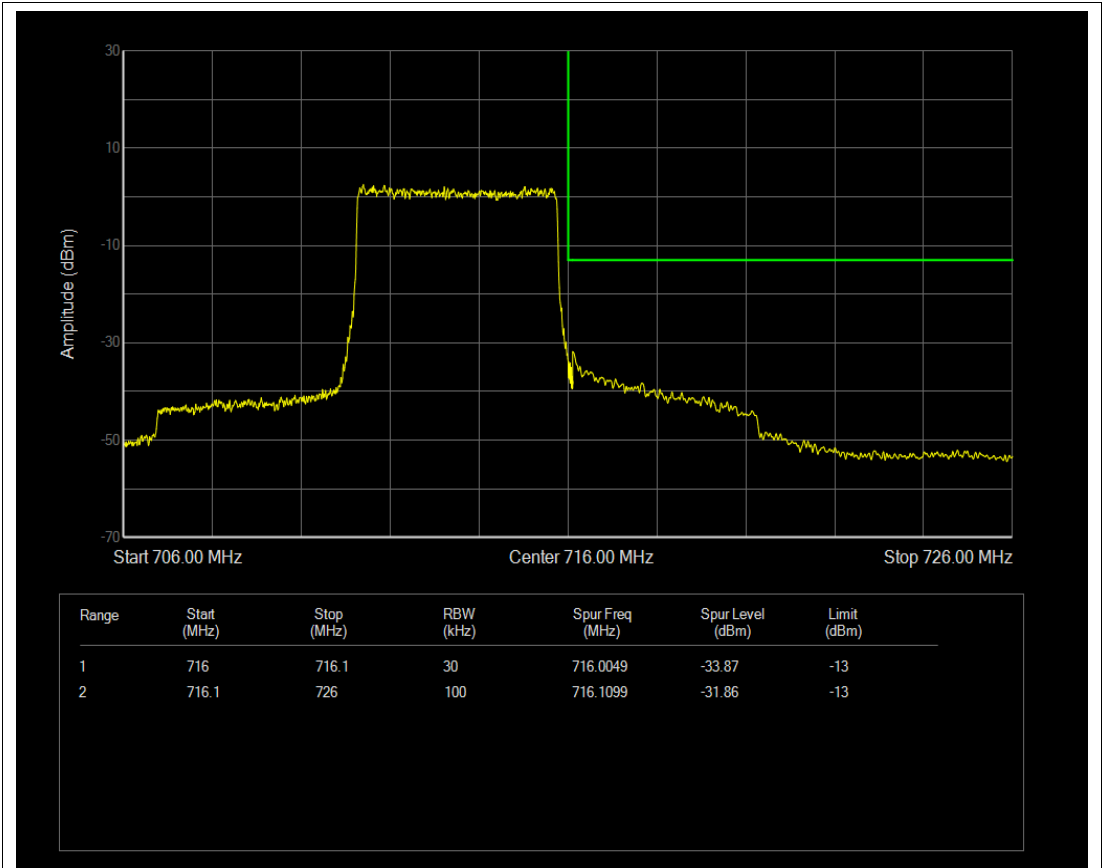
Band12 16QAM BW=3MHz Channel=23165 RB Size=15 Position=#0



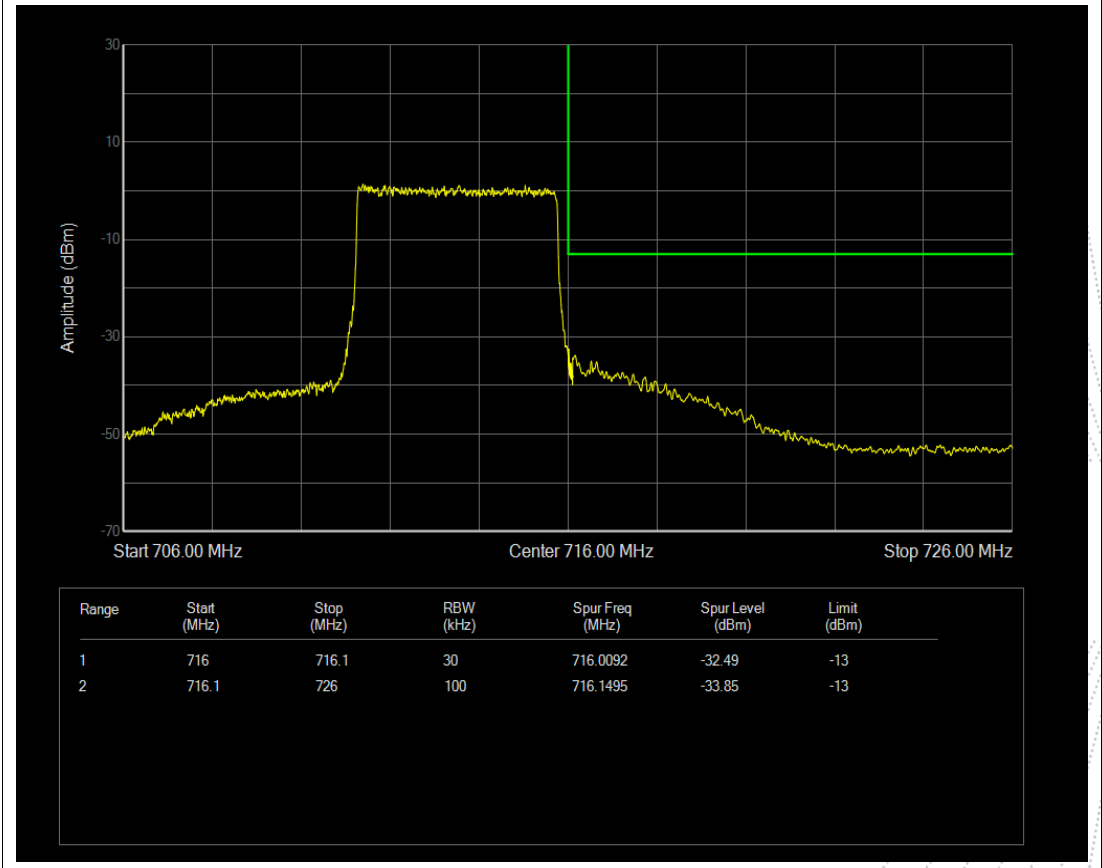
Band12 QPSK BW=5MHz Channel=23035 RB Size=25 Position=#0



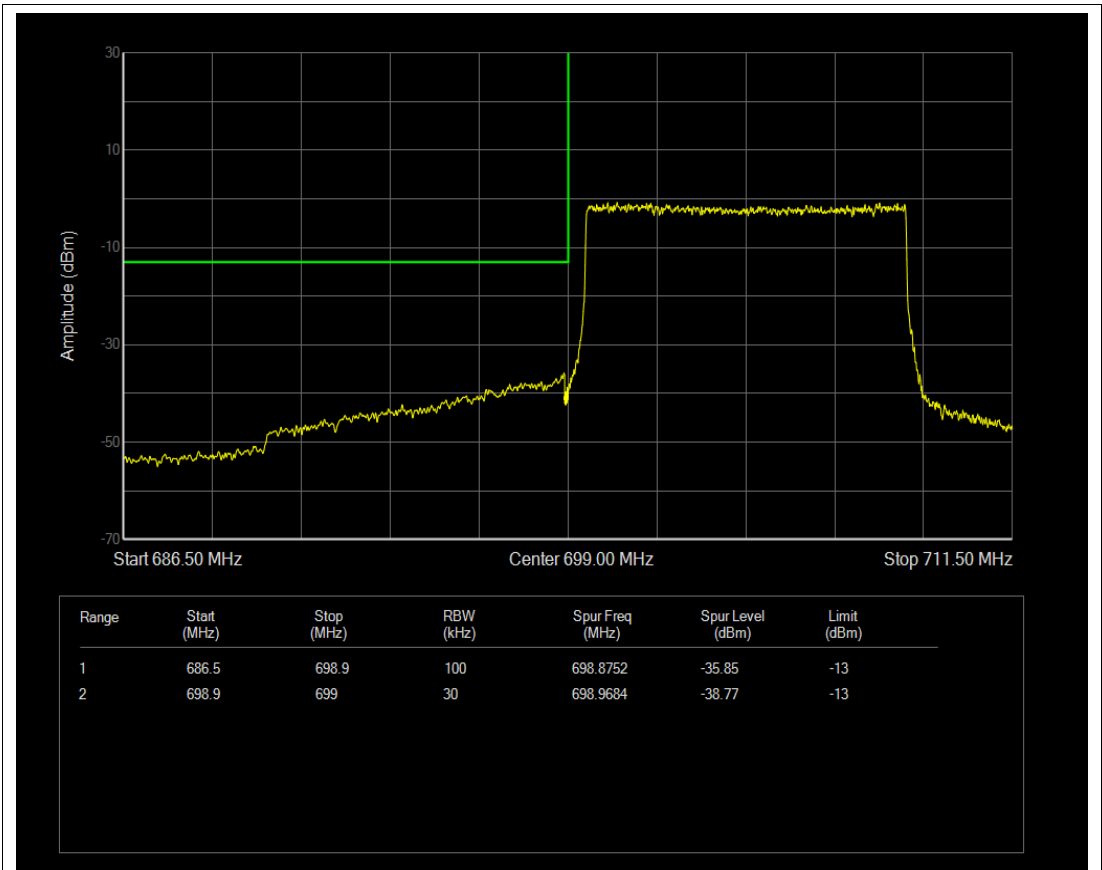
Band12 16QAM BW=5MHz Channel=23035 RB Size=25 Position=#0



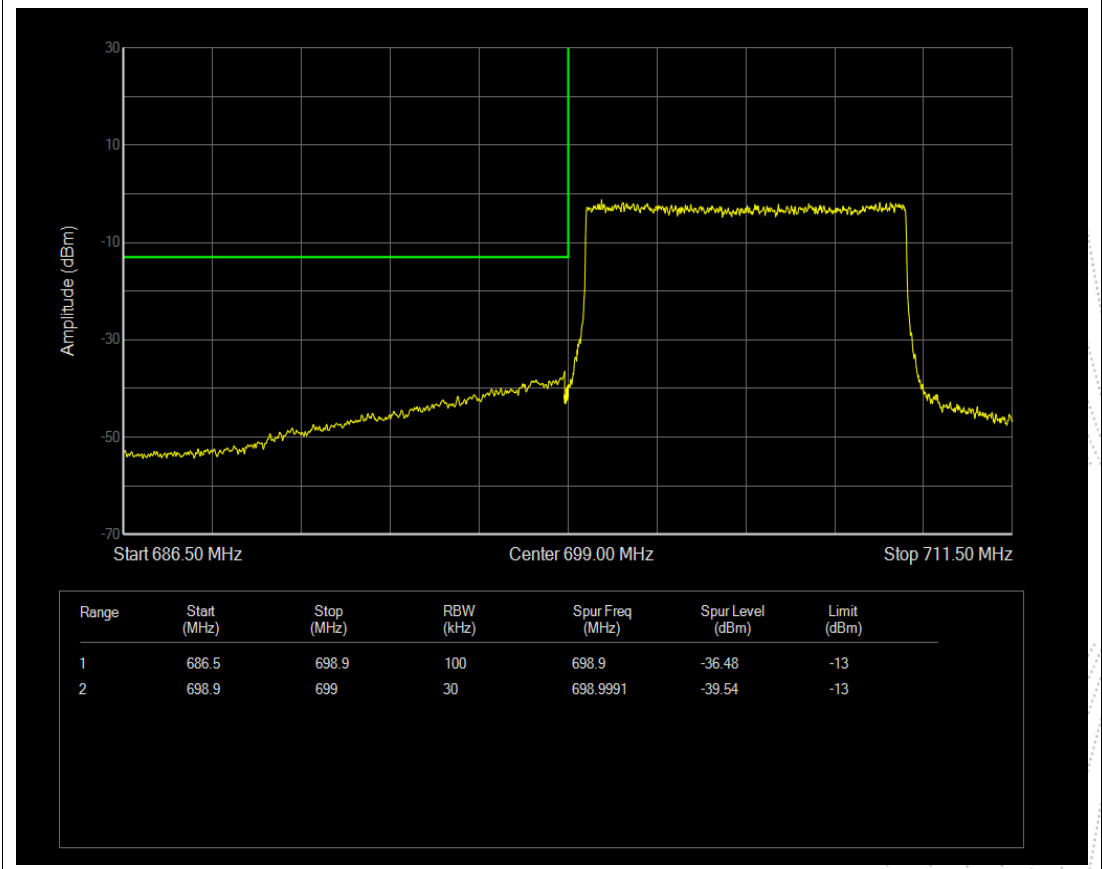
Band12 QPSK BW=5MHz Channel=23155 RB Size=25 Position=#0



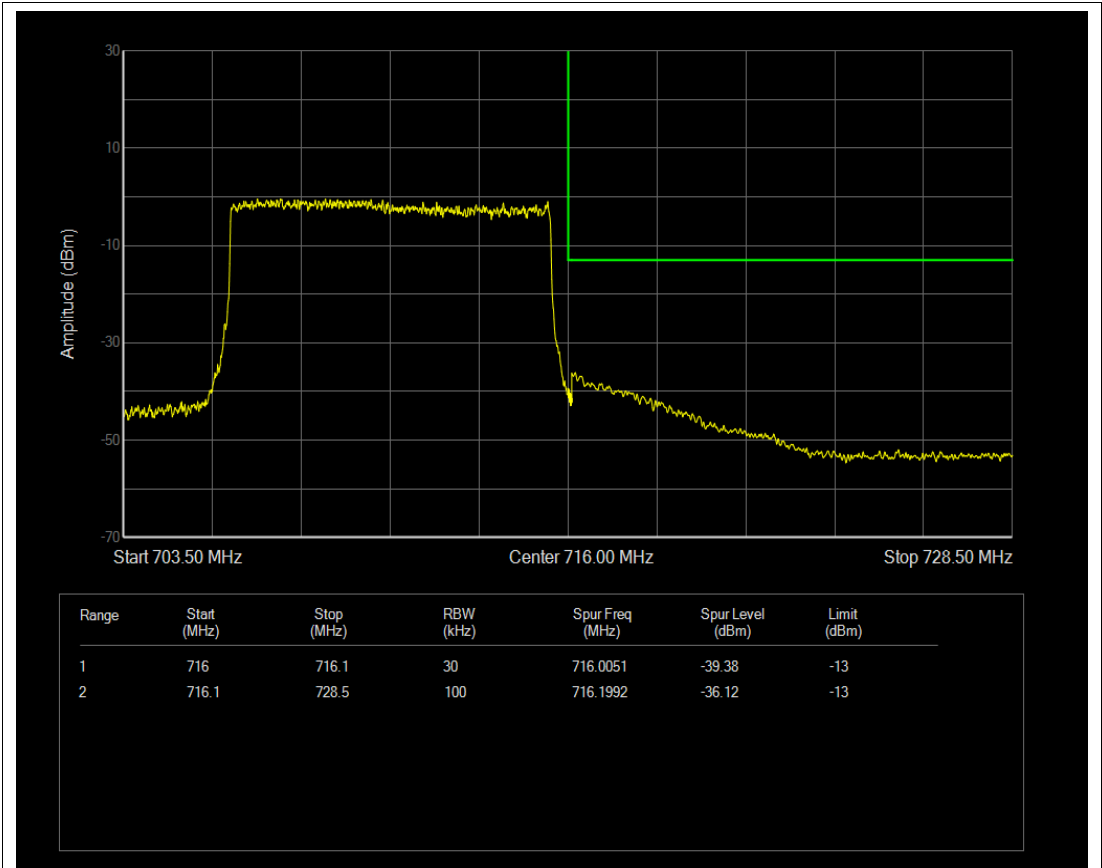
Band12 16QAM BW=5MHz Channel=23155 RB Size=25 Position=#0



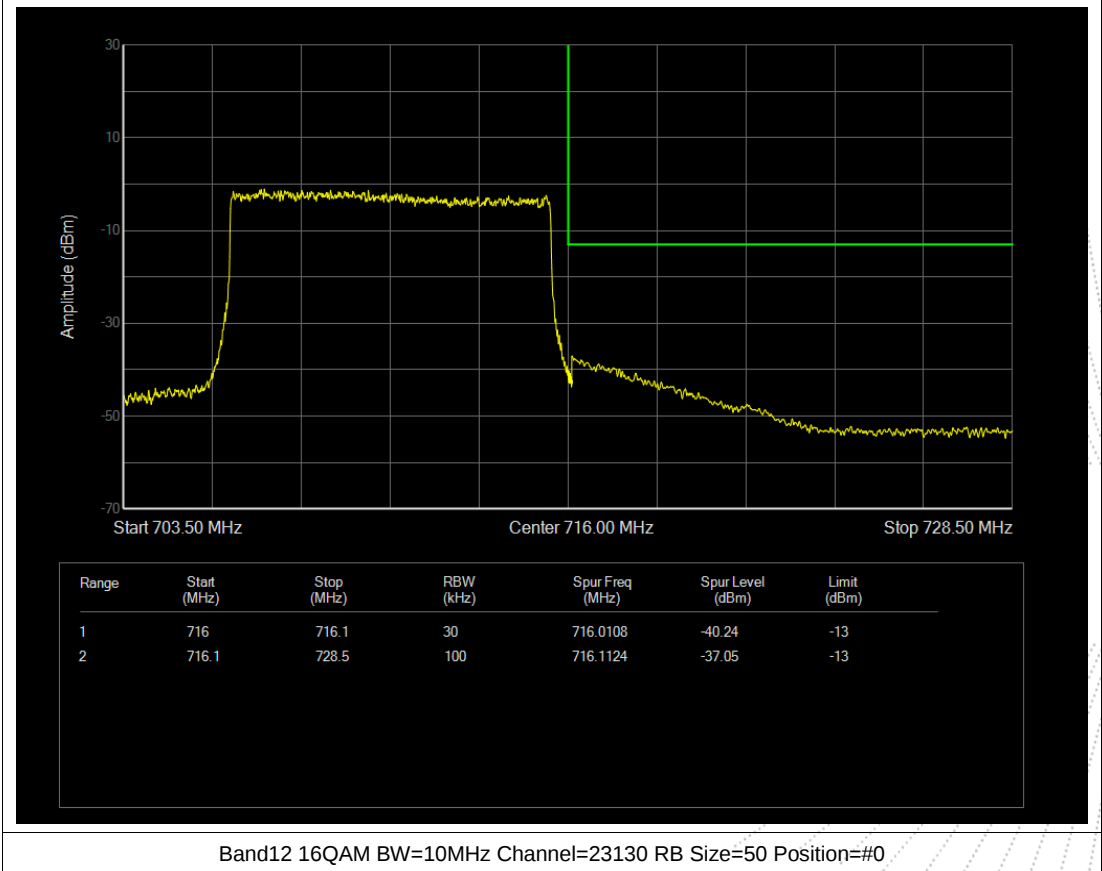
Band12 QPSK BW=10MHz Channel=23060 RB Size=50 Position=#0



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



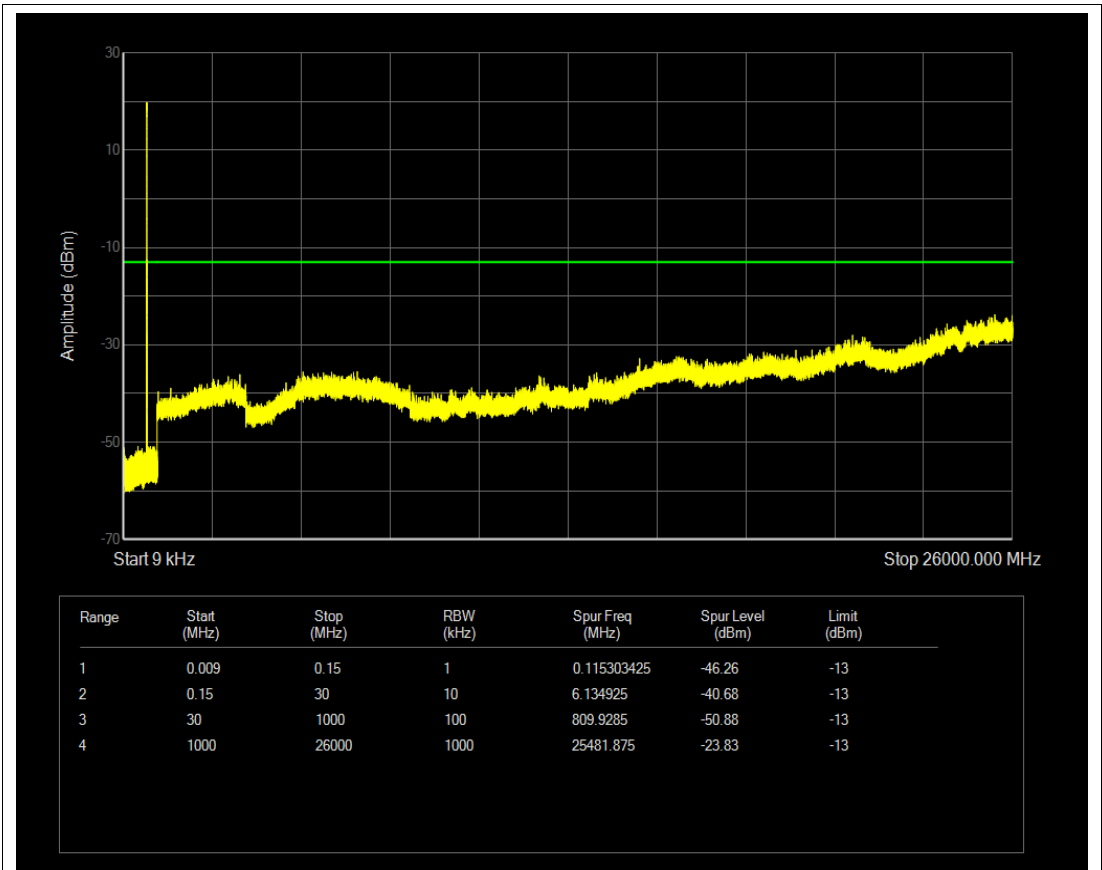
Band12 QPSK BW=10MHz Channel=23130 RB Size=50 Position=#0



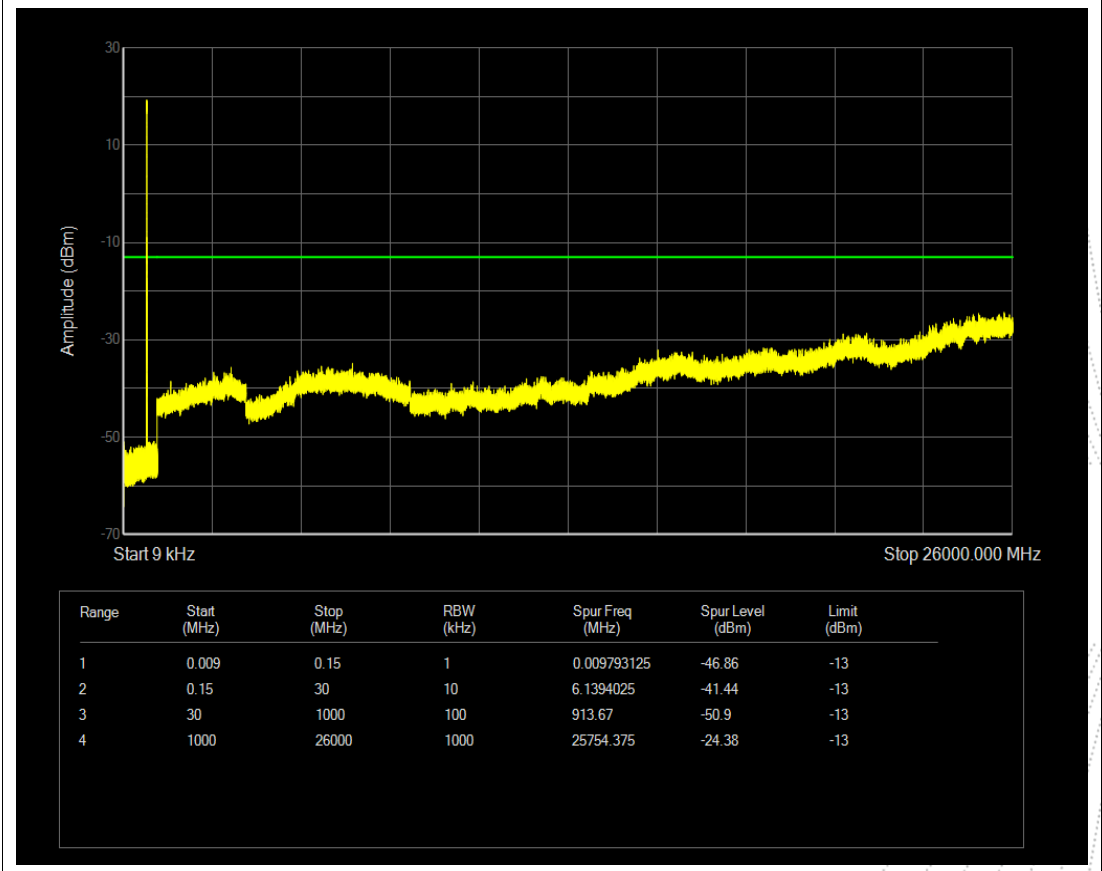
Band12 16QAM BW=10MHz Channel=23130 RB Size=50 Position=#0

Appendix 6.Out-of-band emissions

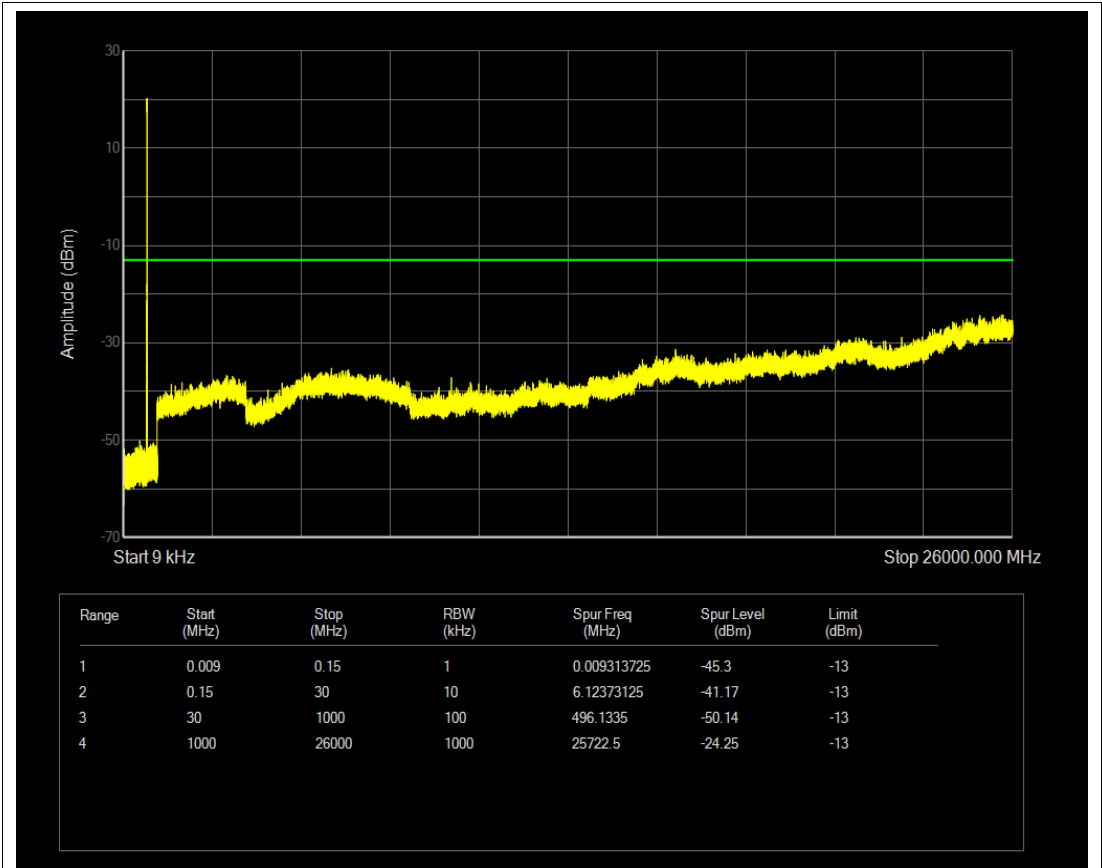
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band12	1.4	23017	6	#0	QPSK	25481.88	-23.83	-13	PASS
Band12	1.4	23017	6	#0	16QAM	25754.38	-24.38	-13	PASS
Band12	1.4	23095	6	#0	QPSK	25722.50	-24.25	-13	PASS
Band12	1.4	23095	6	#0	16QAM	25488.13	-24.67	-13	PASS
Band12	1.4	23173	6	#0	QPSK	25953.13	-23.38	-13	PASS
Band12	1.4	23173	6	#0	16QAM	25530.00	-23.71	-13	PASS
Band12	3	23025	15	#0	QPSK	25814.38	-24.49	-13	PASS
Band12	3	23025	15	#0	16QAM	25770.00	-24.08	-13	PASS
Band12	3	23095	15	#0	QPSK	25716.25	-23.99	-13	PASS
Band12	3	23095	15	#0	16QAM	25552.50	-24.30	-13	PASS
Band12	3	23165	15	#0	QPSK	25052.50	-23.76	-13	PASS
Band12	3	23165	15	#0	16QAM	25968.75	-23.06	-13	PASS
Band12	5	23035	25	#0	QPSK	25896.88	-23.75	-13	PASS
Band12	5	23035	25	#0	16QAM	25140.00	-23.53	-13	PASS
Band12	5	23095	25	#0	QPSK	25305.63	-24.25	-13	PASS
Band12	5	23095	25	#0	16QAM	25812.50	-24.17	-13	PASS
Band12	5	23155	25	#0	QPSK	25893.13	-24.11	-13	PASS
Band12	5	23155	25	#0	16QAM	25090.00	-23.26	-13	PASS
Band12	10	23060	50	#0	QPSK	25772.50	-23.56	-13	PASS
Band12	10	23060	50	#0	16QAM	25897.50	-24.05	-13	PASS
Band12	10	23095	50	#0	QPSK	25323.75	-23.96	-13	PASS
Band12	10	23095	50	#0	16QAM	25526.88	-24.08	-13	PASS
Band12	10	23130	50	#0	QPSK	25996.88	-22.53	-13	PASS
Band12	10	23130	50	#0	16QAM	25134.38	-24.18	-13	PASS



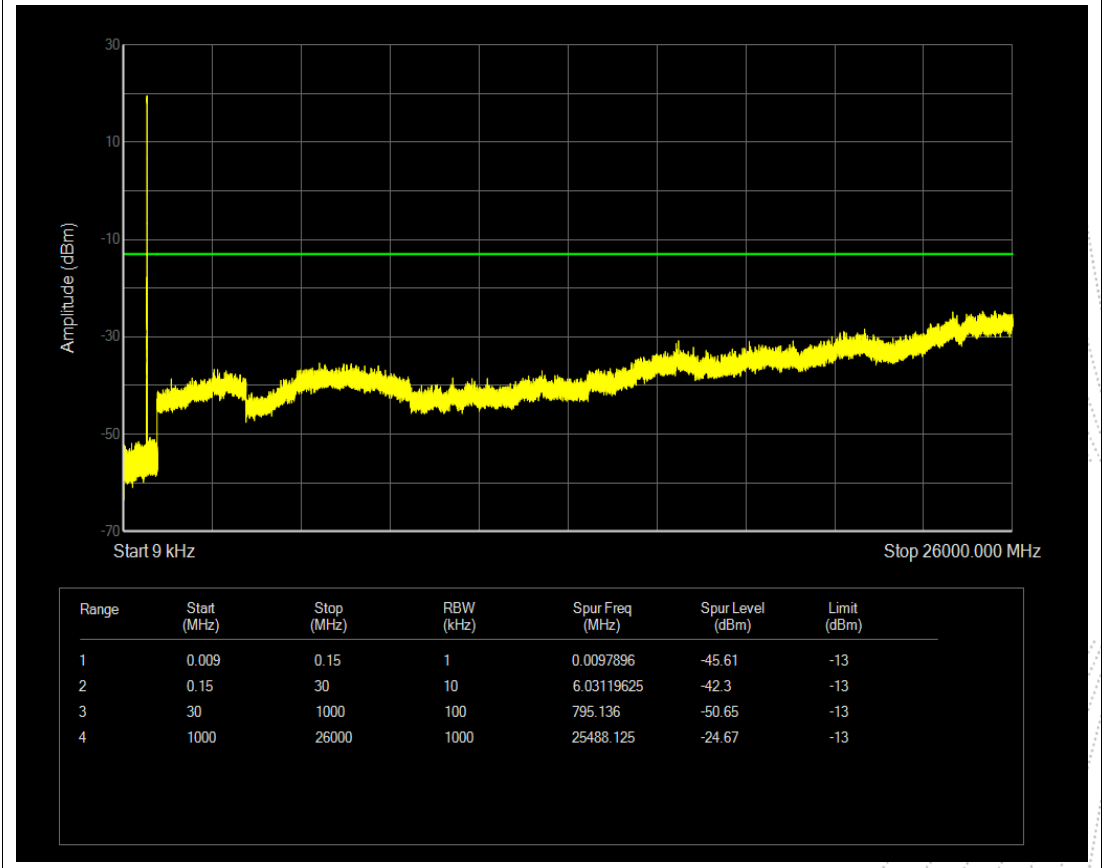
Band12 QPSK BW=1.4MHz Channel=23017 RB Size=6 Position=#0



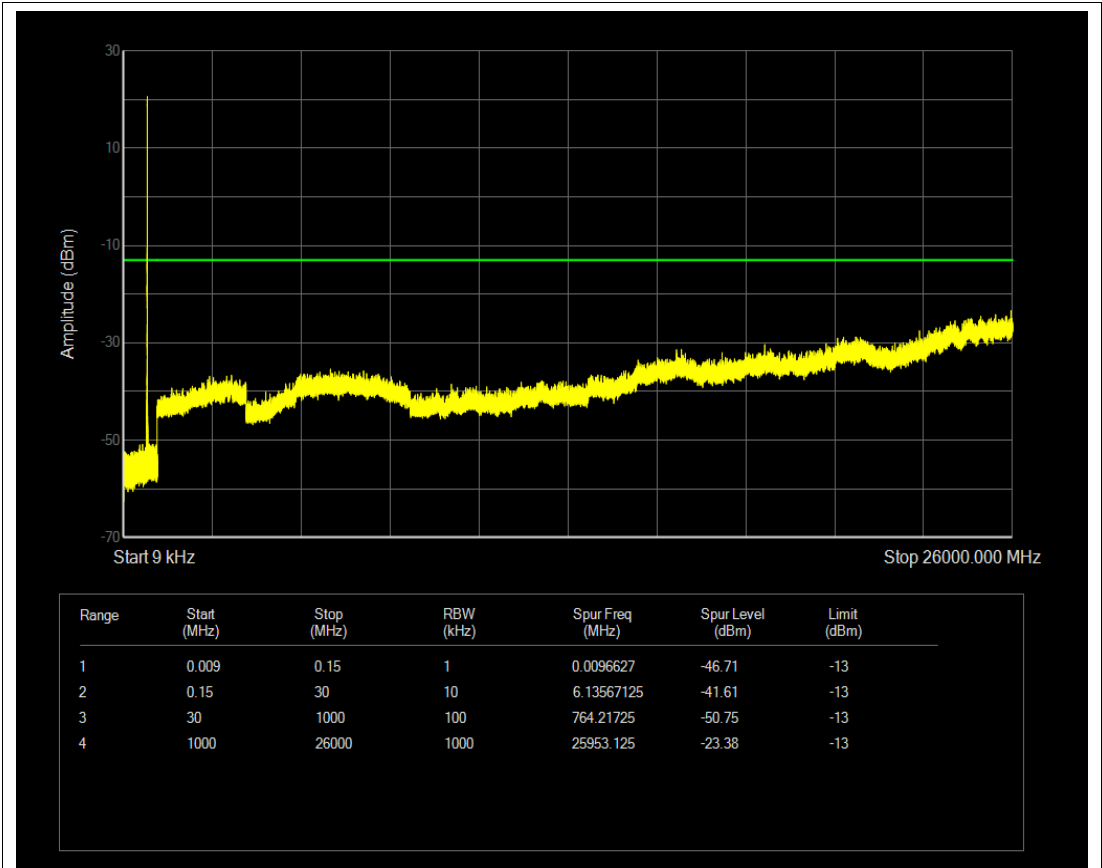
Band12 16QAM BW=1.4MHz Channel=23017 RB Size=6 Position=#0



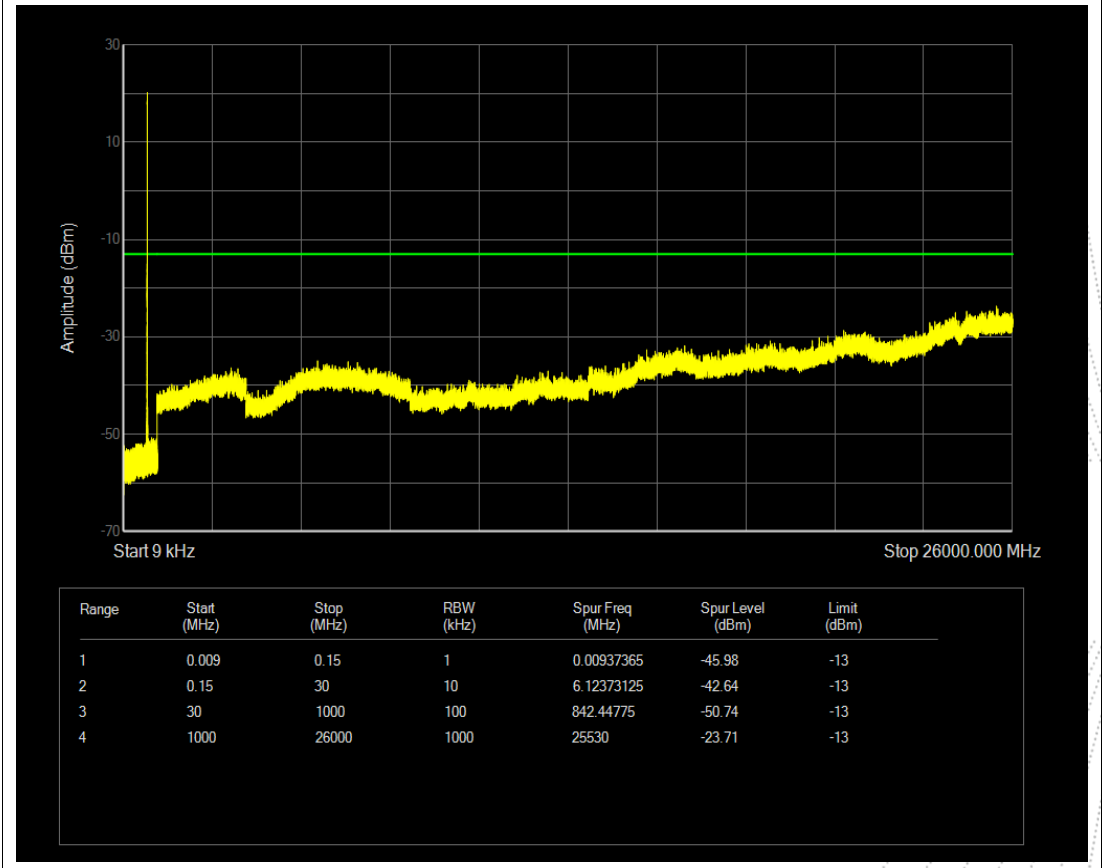
Band12 QPSK BW=1.4MHz Channel=23095 RB Size=6 Position=#0



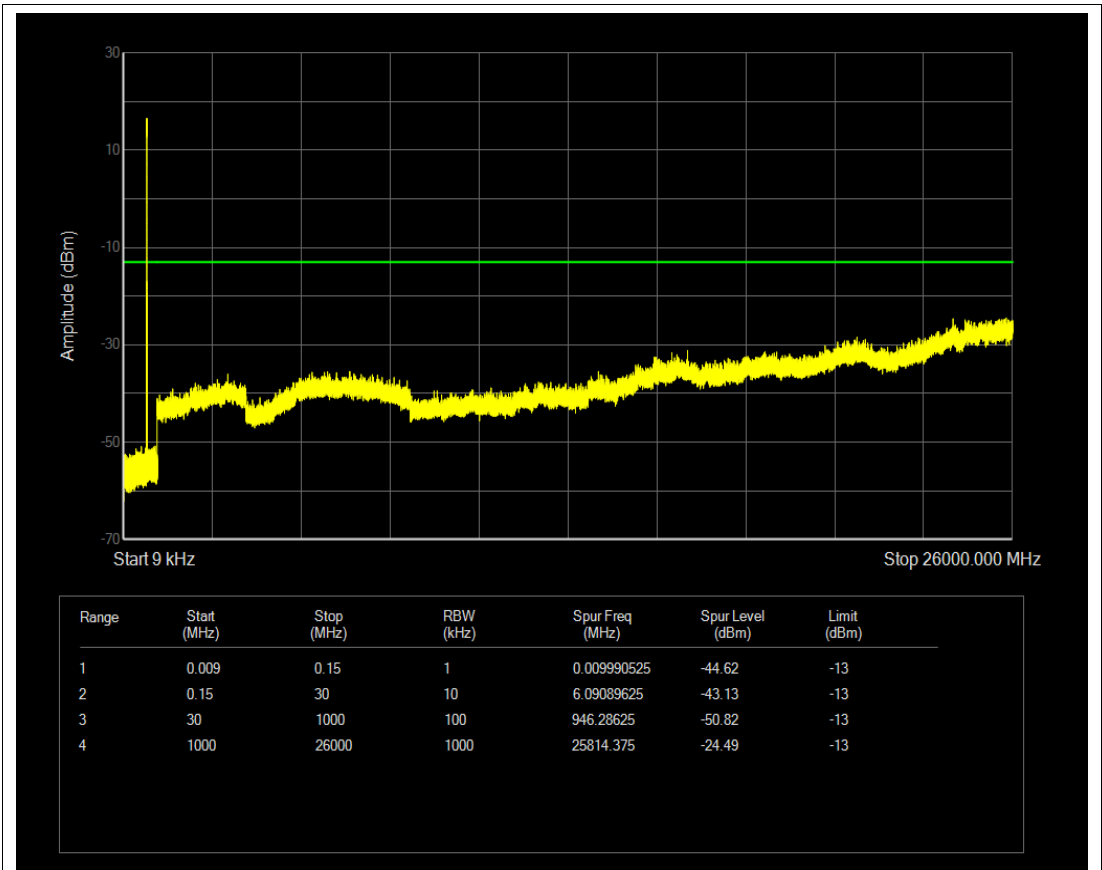
Band12 16QAM BW=1.4MHz Channel=23095 RB Size=6 Position=#0



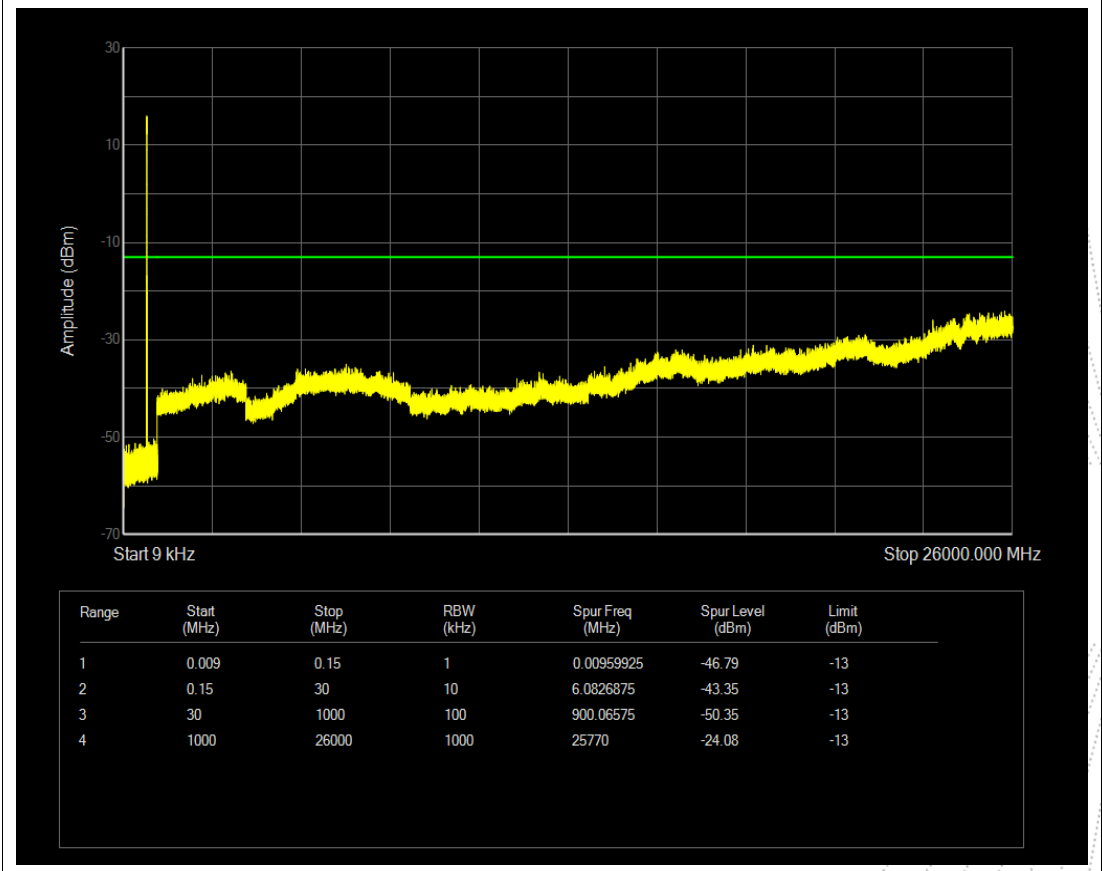
Band12 QPSK BW=1.4MHz Channel=23173 RB Size=6 Position=#0



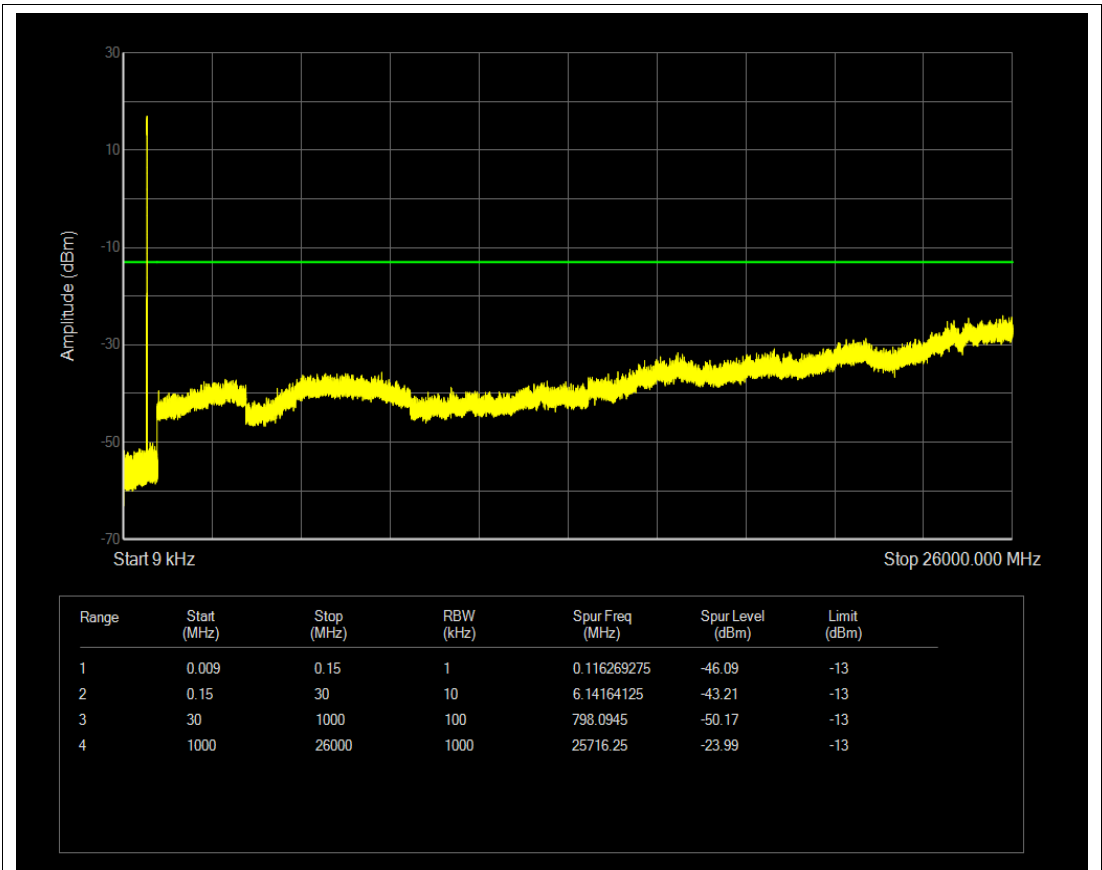
Band12 16QAM BW=1.4MHz Channel=23173 RB Size=6 Position=#0



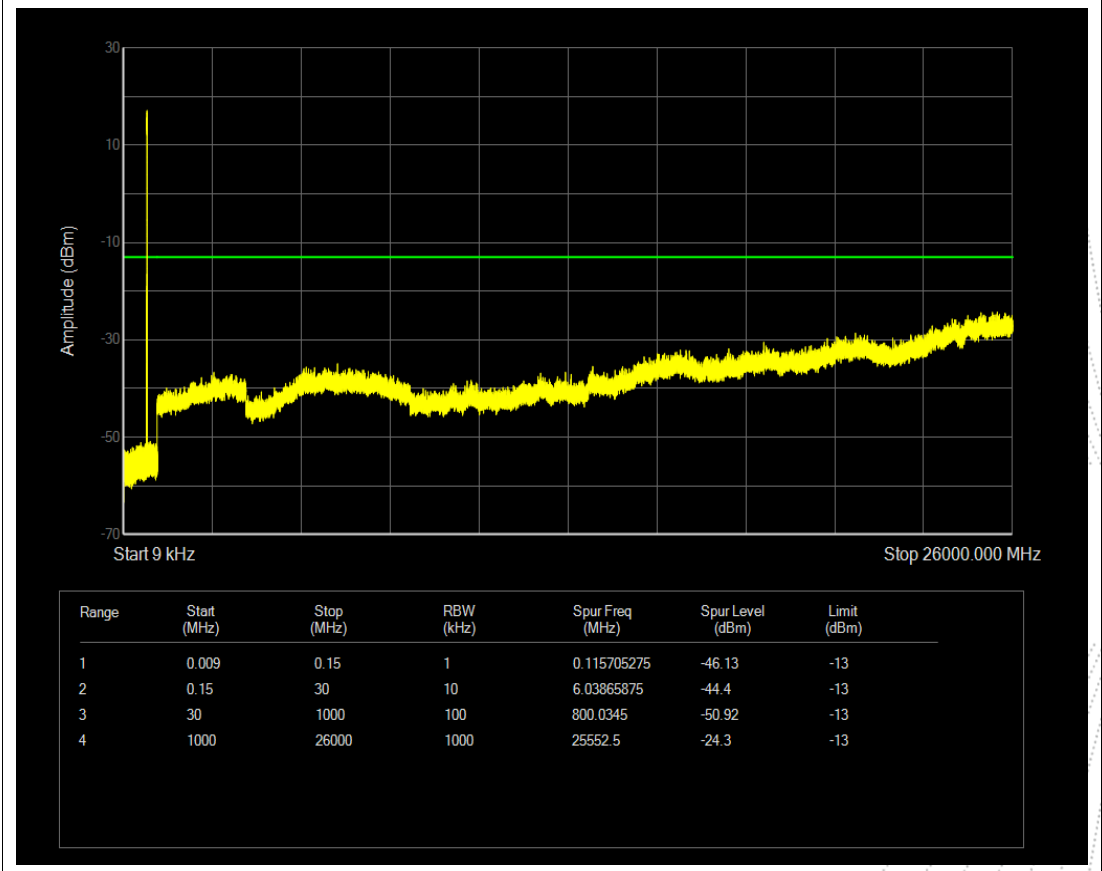
Band12 QPSK BW=3MHz Channel=23025 RB Size=15 Position=#0



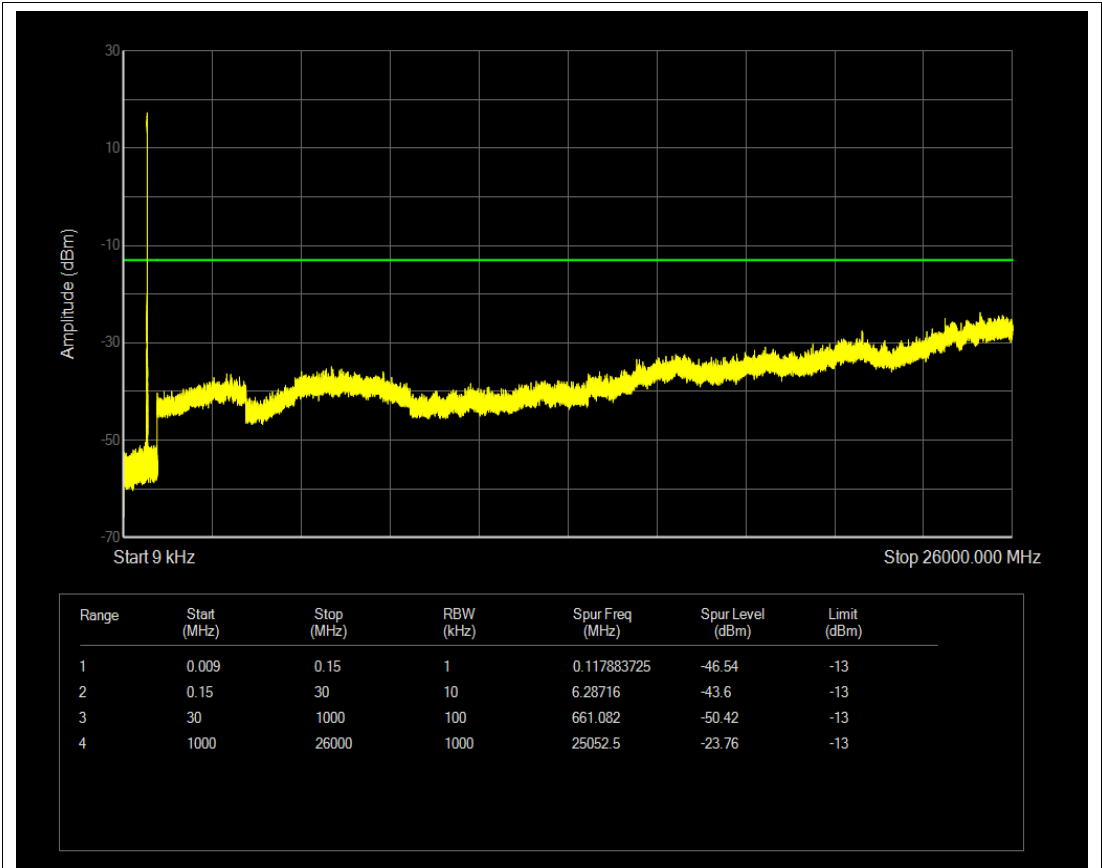
Band12 16QAM BW=3MHz Channel=23025 RB Size=15 Position=#0



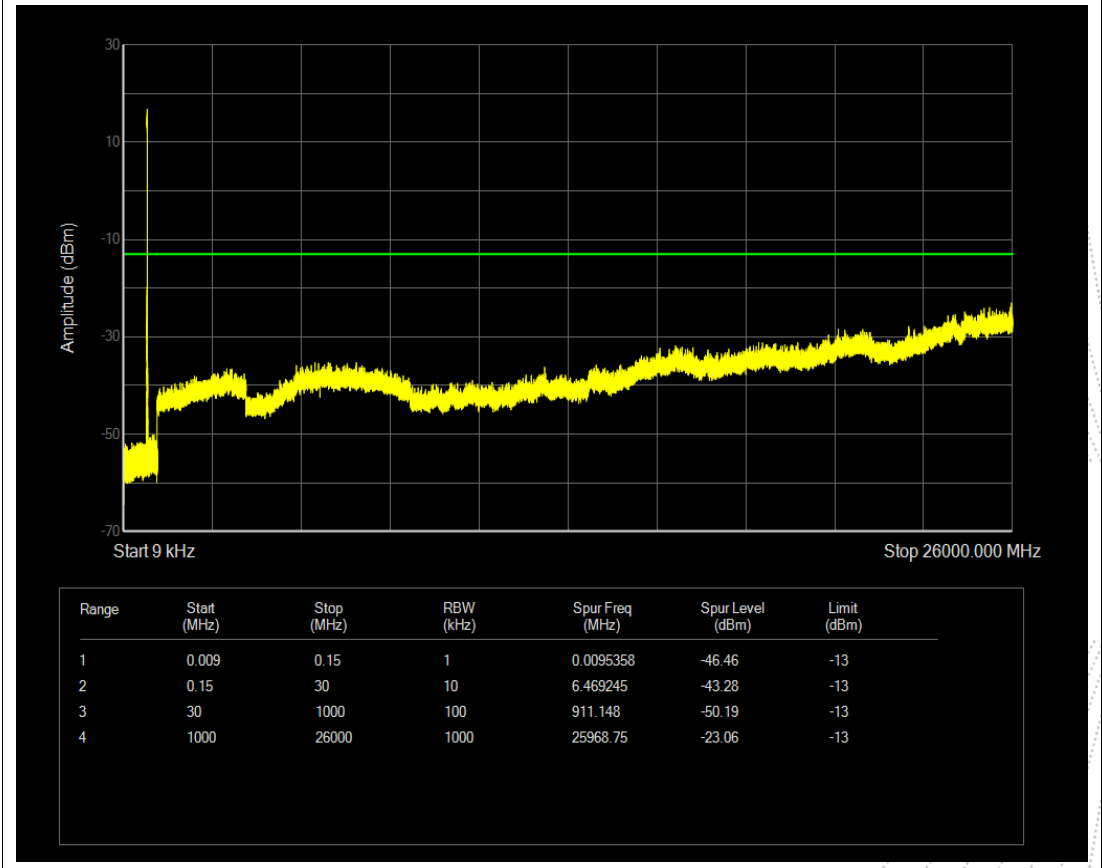
Band12 QPSK BW=3MHz Channel=23095 RB Size=15 Position=#0



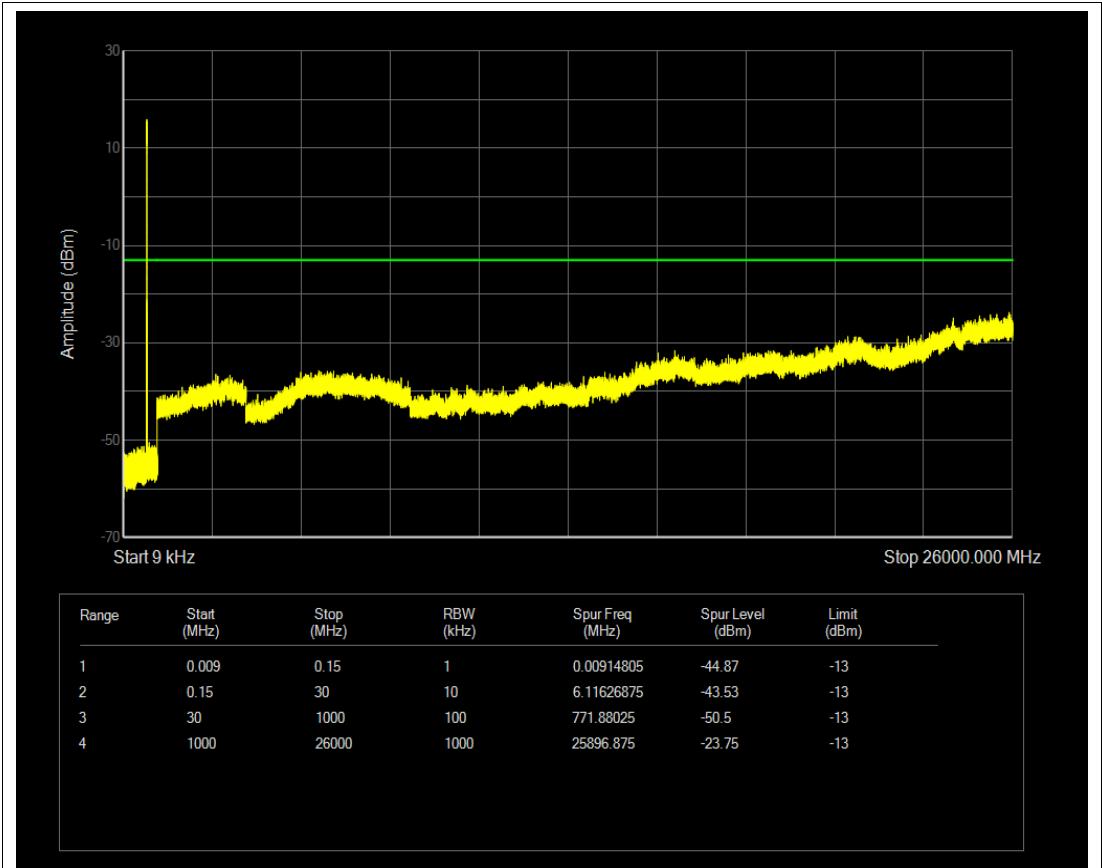
Band12 16QAM BW=3MHz Channel=23095 RB Size=15 Position=#0



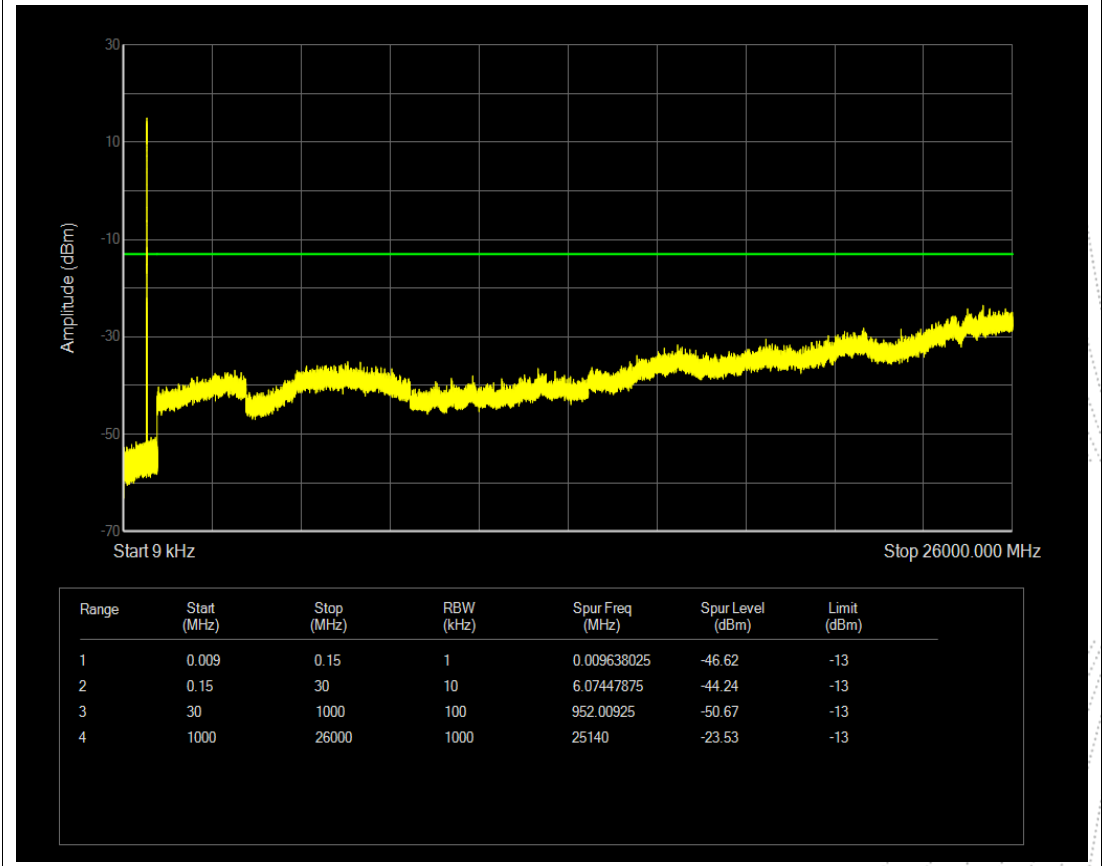
Band12 QPSK BW=3MHz Channel=23165 RB Size=15 Position=#0



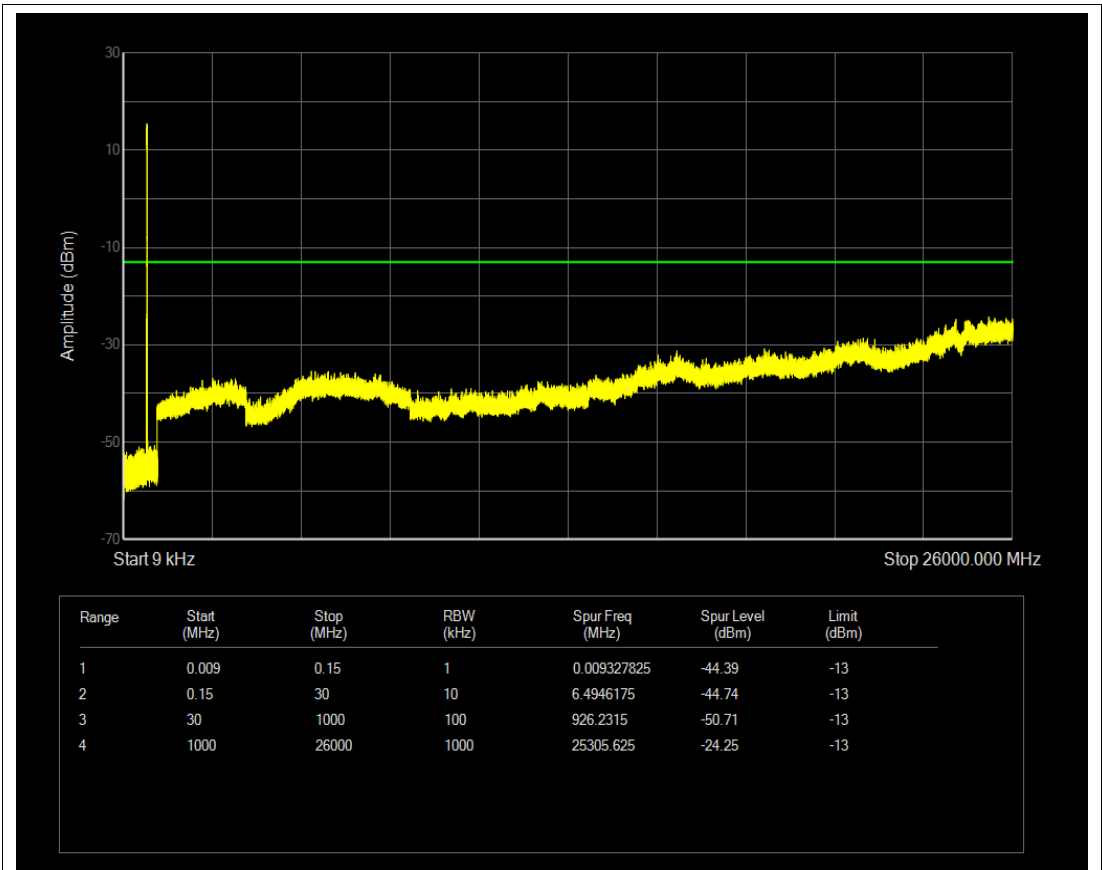
Band12 16QAM BW=3MHz Channel=23165 RB Size=15 Position=#0



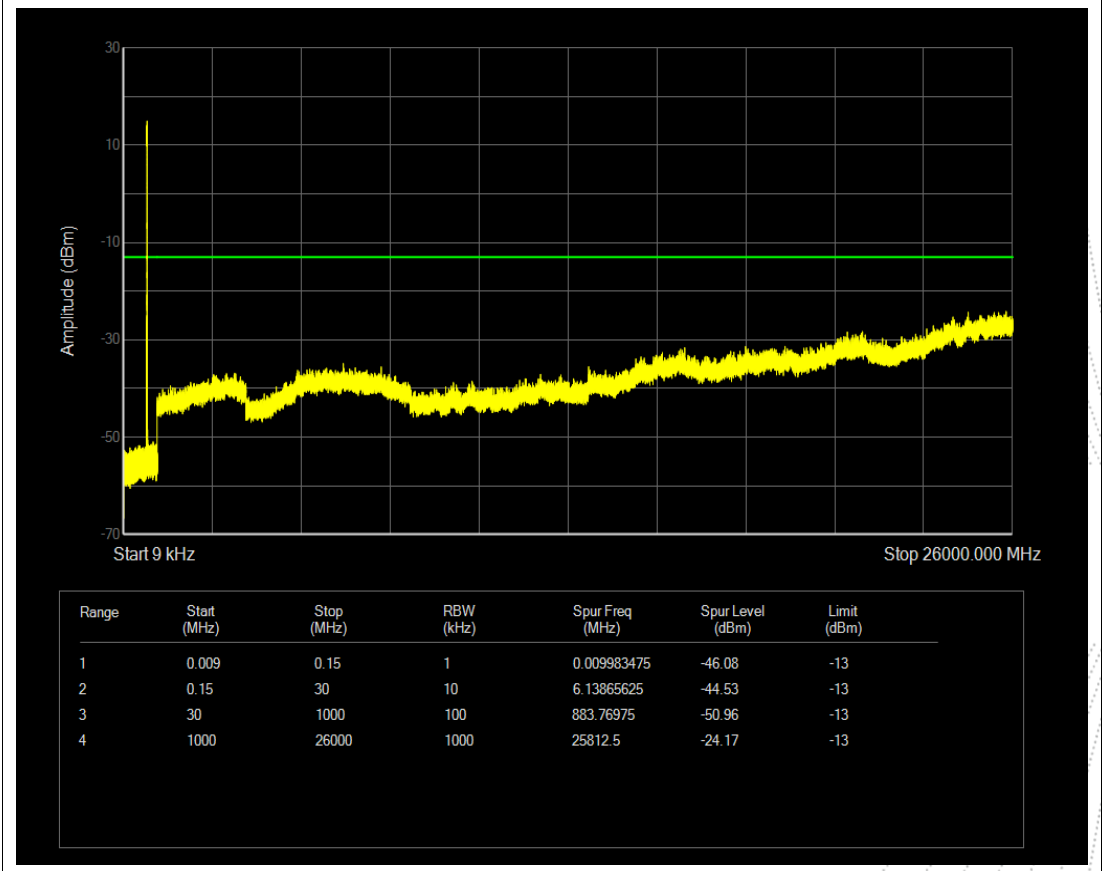
Band12 QPSK BW=5MHz Channel=23035 RB Size=25 Position=#0



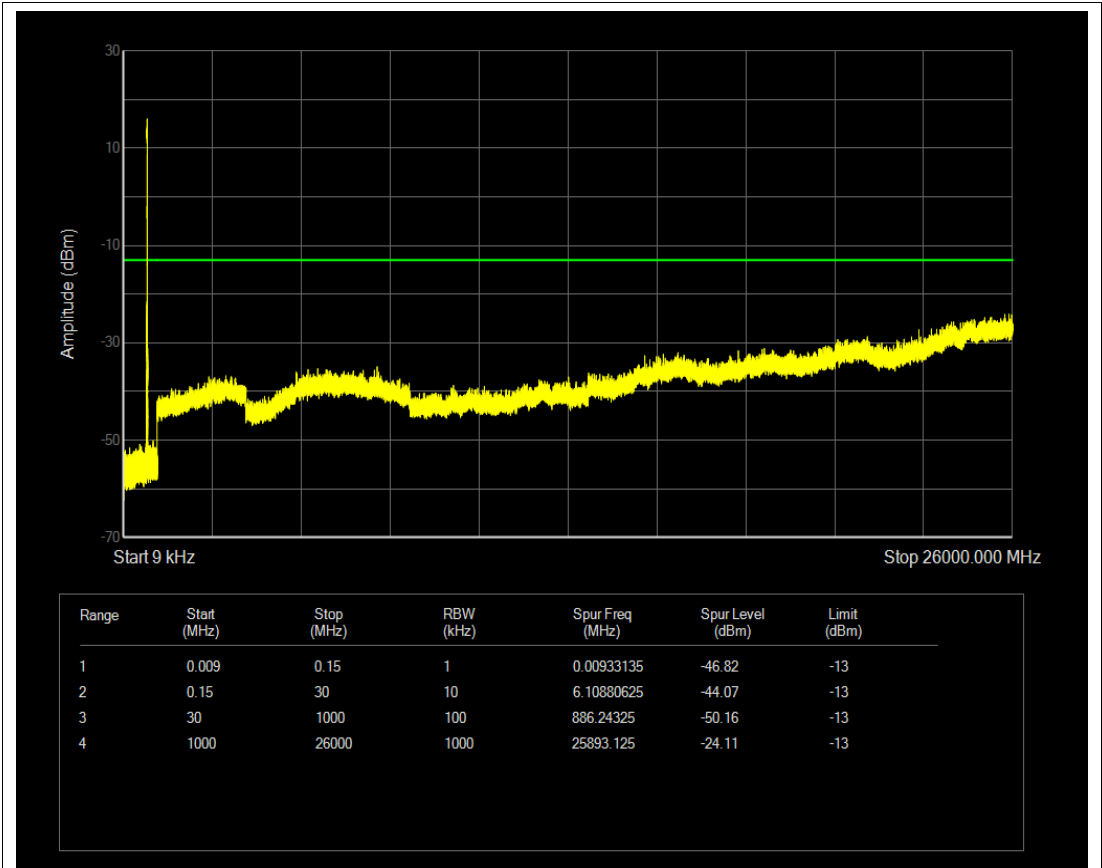
Band12 16QAM BW=5MHz Channel=23035 RB Size=25 Position=#0



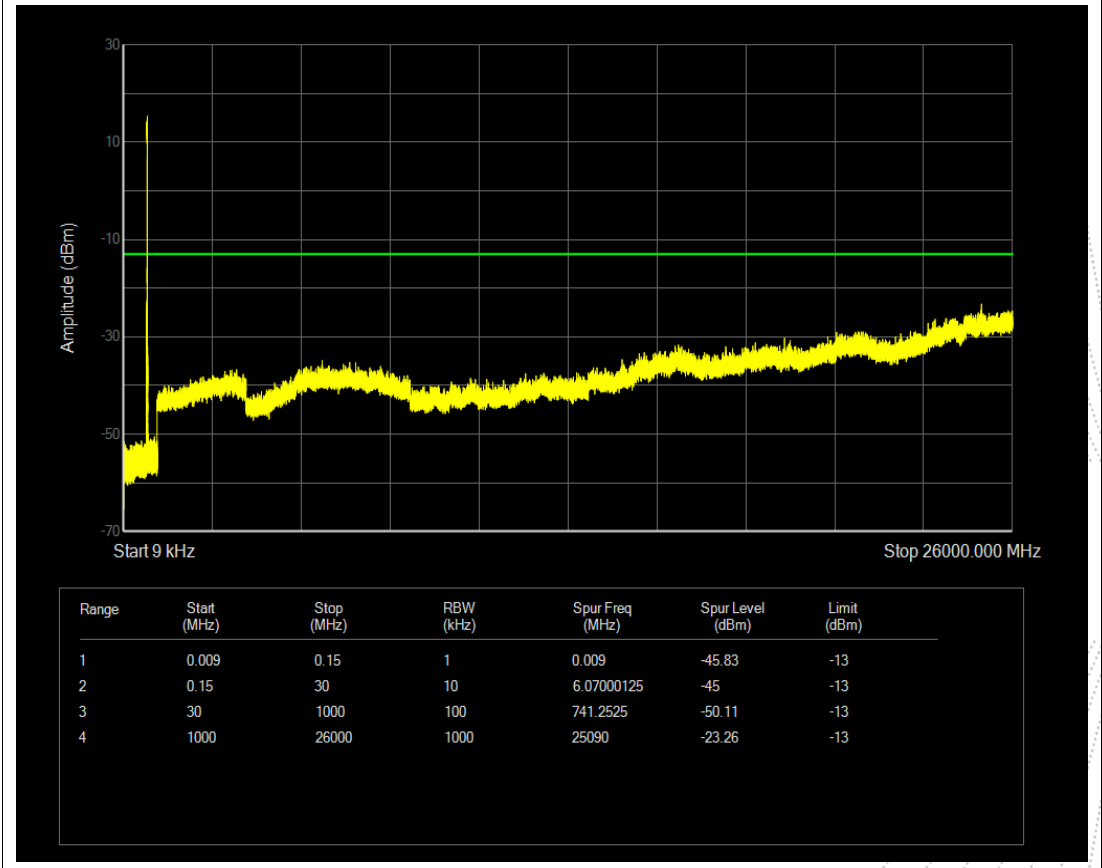
Band12 QPSK BW=5MHz Channel=23095 RB Size=25 Position=#0



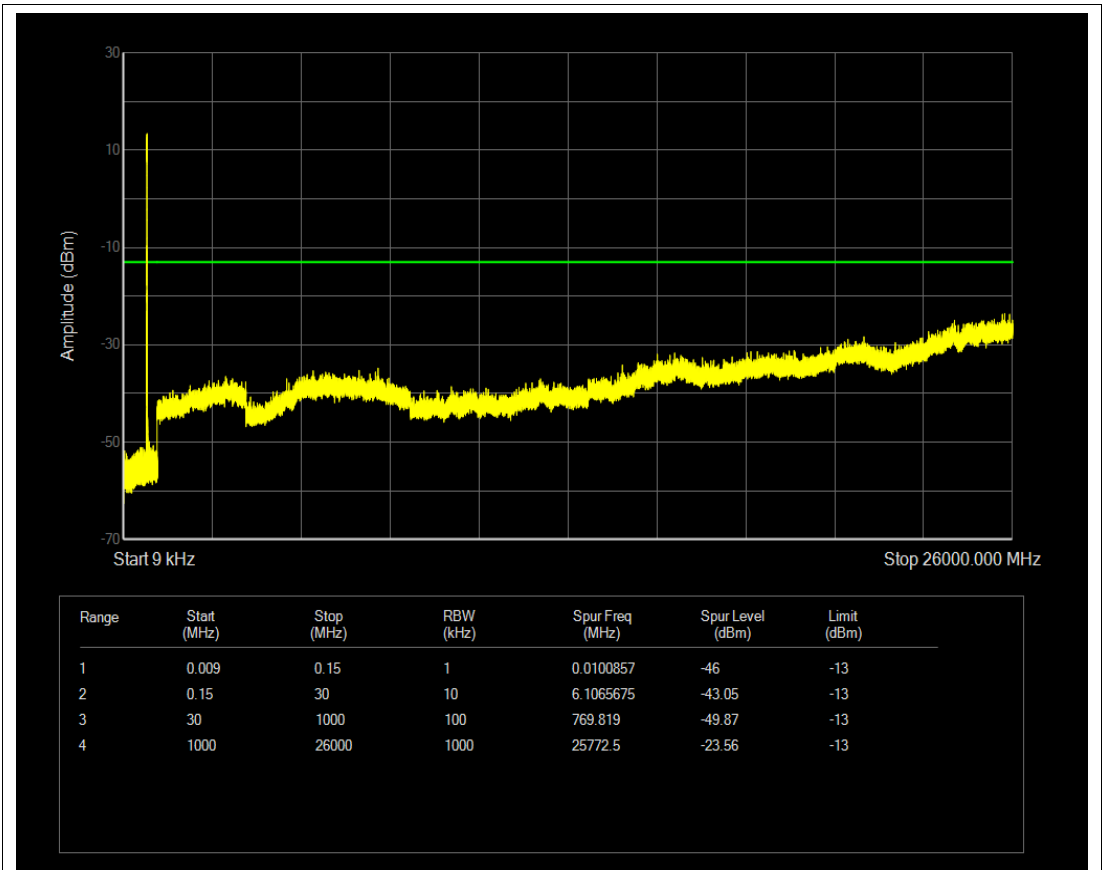
Band12 16QAM BW=5MHz Channel=23095 RB Size=25 Position=#0



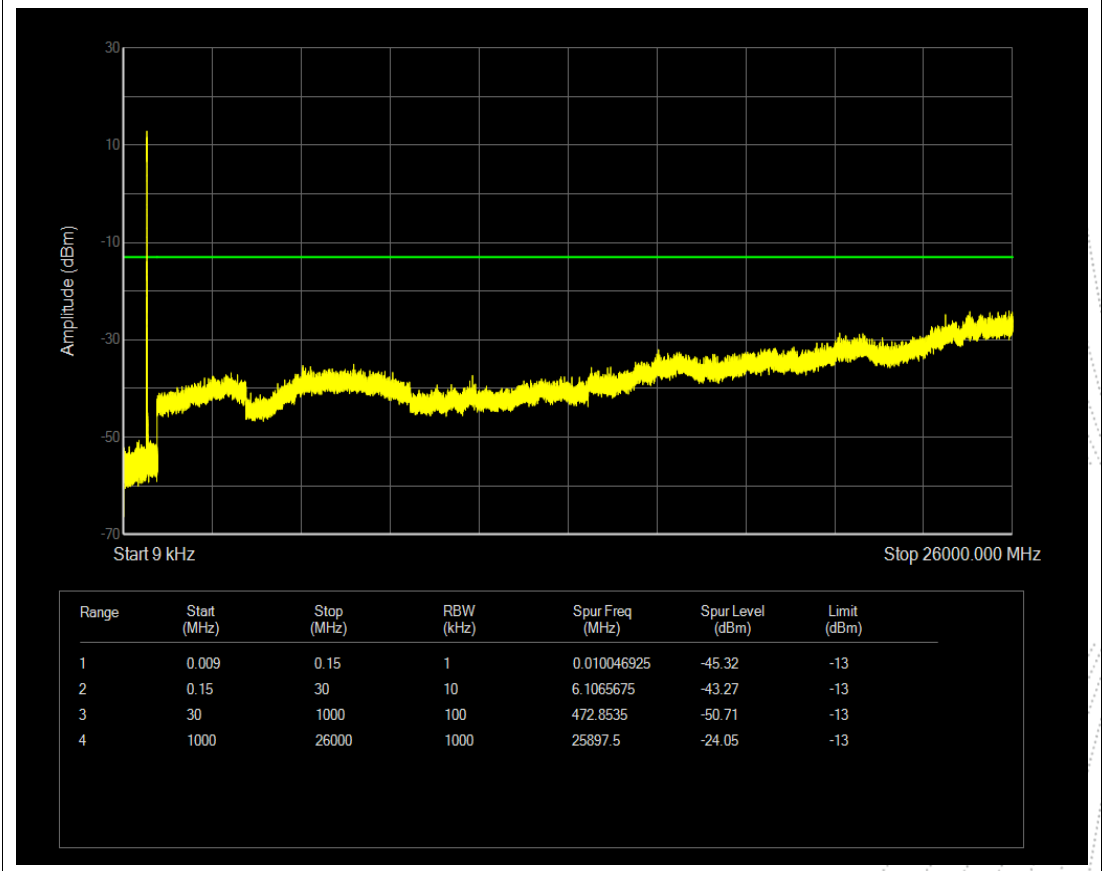
Band12 QPSK BW=5MHz Channel=23155 RB Size=25 Position=#0



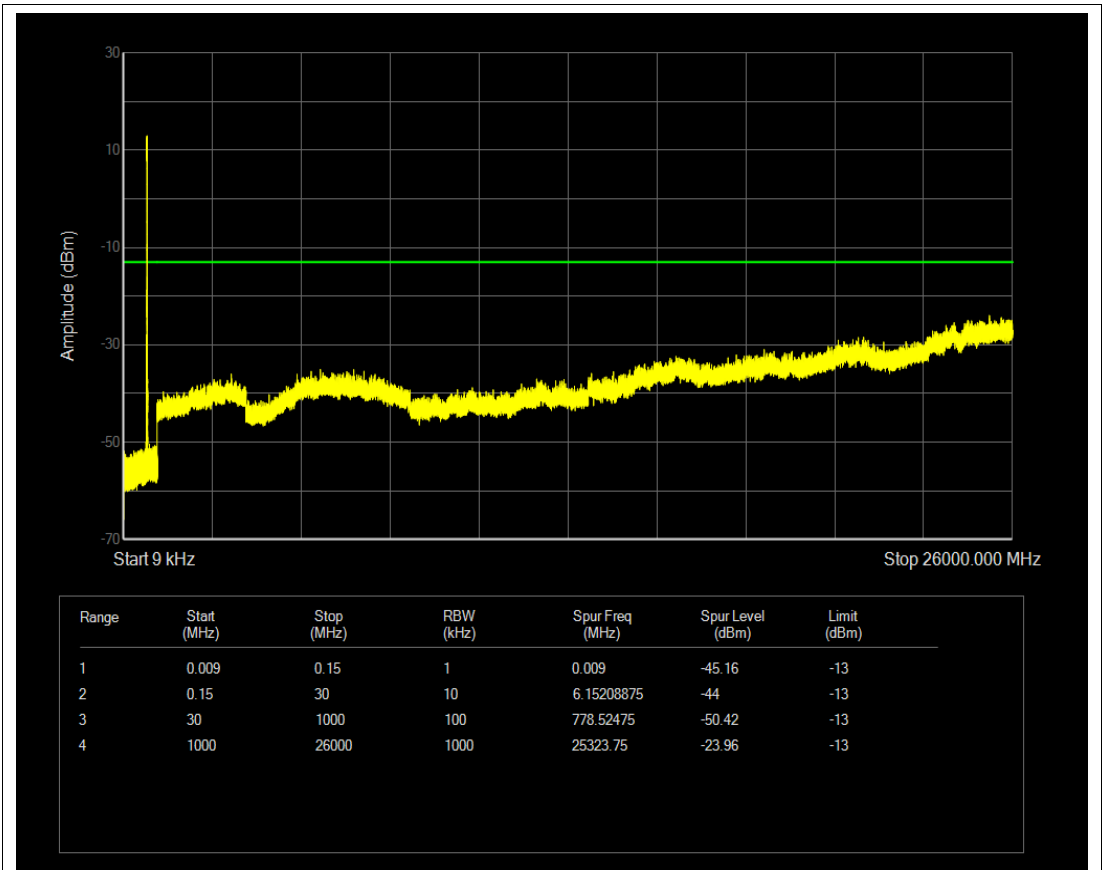
Band12 16QAM BW=5MHz Channel=23155 RB Size=25 Position=#0



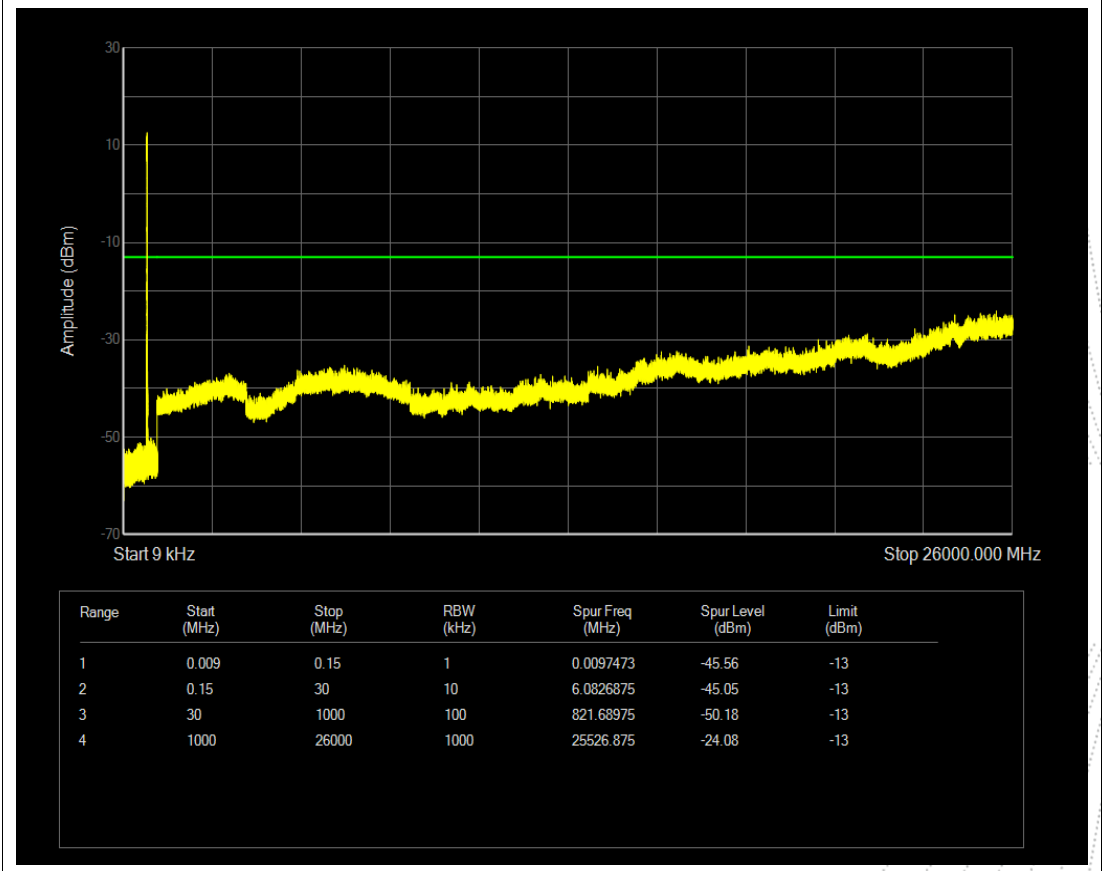
Band12 QPSK BW=10MHz Channel=23060 RB Size=50 Position=#0



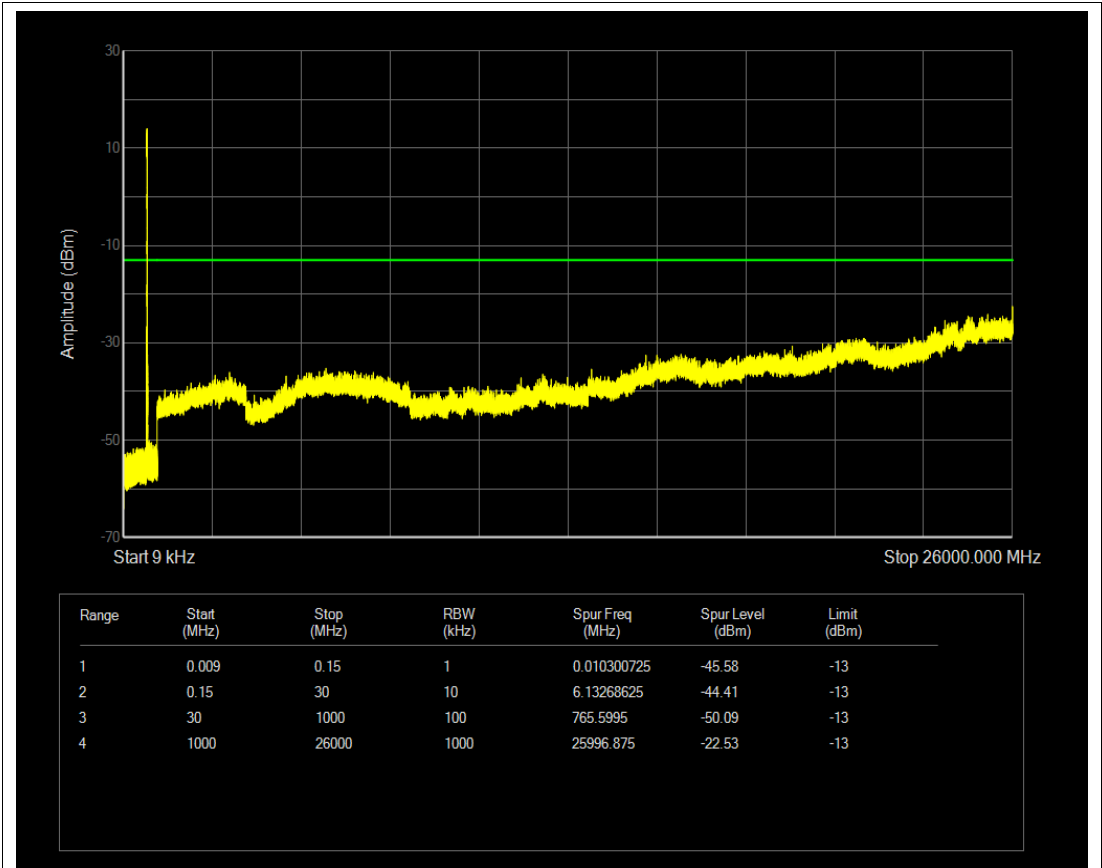
Band12 16QAM BW=10MHz Channel=23060 RB Size=50 Position=#0



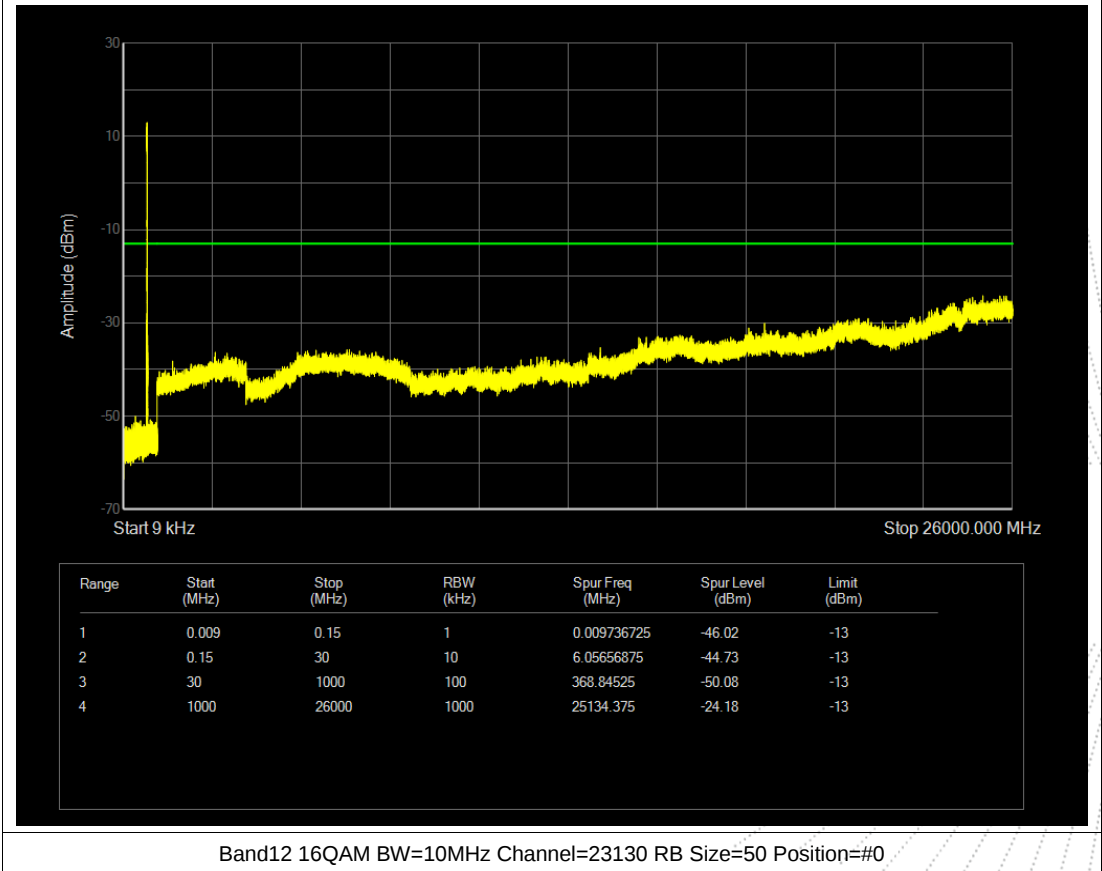
Band12 QPSK BW=10MHz Channel=23095 RB Size=50 Position=#0



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