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Appendix 1. Conducted output power

<i>Band</i>	<i>Bandwidth (MHz)</i>	<i>UL Channel</i>	<i>RB Size</i>	<i>RB Position</i>	<i>Modulation</i>	<i>Power (dBm)</i>	<i>Limit (dBm)</i>	<i>Verdict</i>
Band12	1.4	23017	1	#0	QPSK	23.28	37	PASS
Band12	1.4	23017	1	#Mid	QPSK	23.26	37	PASS
Band12	1.4	23017	1	#Max	QPSK	23.36	37	PASS
Band12	1.4	23017	3	#0	QPSK	23.24	37	PASS
Band12	1.4	23017	3	#Mid	QPSK	23.22	37	PASS
Band12	1.4	23017	3	#Max	QPSK	23.22	37	PASS
Band12	1.4	23017	6	#0	QPSK	22.26	37	PASS
Band12	1.4	23017	1	#0	16QAM	22.41	37	PASS
Band12	1.4	23017	1	#Mid	16QAM	22.45	37	PASS
Band12	1.4	23017	1	#Max	16QAM	22.45	37	PASS
Band12	1.4	23017	3	#0	16QAM	22.29	37	PASS
Band12	1.4	23017	3	#Mid	16QAM	22.30	37	PASS
Band12	1.4	23017	3	#Max	16QAM	22.31	37	PASS
Band12	1.4	23017	6	#0	16QAM	21.59	37	PASS
Band12	1.4	23095	1	#0	QPSK	23.32	37	PASS
Band12	1.4	23095	1	#Mid	QPSK	23.42	37	PASS
Band12	1.4	23095	1	#Max	QPSK	23.40	37	PASS
Band12	1.4	23095	3	#0	QPSK	23.42	37	PASS
Band12	1.4	23095	3	#Mid	QPSK	23.45	37	PASS
Band12	1.4	23095	3	#Max	QPSK	23.44	37	PASS
Band12	1.4	23095	6	#0	QPSK	22.43	37	PASS
Band12	1.4	23095	1	#0	16QAM	22.28	37	PASS
Band12	1.4	23095	1	#Mid	16QAM	22.39	37	PASS
Band12	1.4	23095	1	#Max	16QAM	22.40	37	PASS
Band12	1.4	23095	3	#0	16QAM	22.71	37	PASS
Band12	1.4	23095	3	#Mid	16QAM	22.77	37	PASS
Band12	1.4	23095	3	#Max	16QAM	22.89	37	PASS
Band12	1.4	23095	6	#0	16QAM	21.71	37	PASS
Band12	1.4	23173	1	#0	QPSK	23.24	37	PASS
Band12	1.4	23173	1	#Mid	QPSK	23.32	37	PASS
Band12	1.4	23173	1	#Max	QPSK	23.26	37	PASS
Band12	1.4	23173	3	#0	QPSK	23.23	37	PASS
Band12	1.4	23173	3	#Mid	QPSK	23.23	37	PASS
Band12	1.4	23173	3	#Max	QPSK	23.25	37	PASS
Band12	1.4	23173	6	#0	QPSK	22.34	37	PASS
Band12	1.4	23173	1	#0	16QAM	22.32	37	PASS
Band12	1.4	23173	1	#Mid	16QAM	22.43	37	PASS
Band12	1.4	23173	1	#Max	16QAM	22.41	37	PASS
Band12	1.4	23173	3	#0	16QAM	22.32	37	PASS
Band12	1.4	23173	3	#Mid	16QAM	22.34	37	PASS

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Band12	1.4	23173	3	#Max	16QAM	22.39	37	PASS
Band12	1.4	23173	6	#0	16QAM	21.54	37	PASS
Band12	3	23025	1	#0	QPSK	23.18	37	PASS
Band12	3	23025	1	#Mid	QPSK	23.48	37	PASS
Band12	3	23025	1	#Max	QPSK	23.32	37	PASS
Band12	3	23025	8	#0	QPSK	22.28	37	PASS
Band12	3	23025	8	#Mid	QPSK	22.38	37	PASS
Band12	3	23025	8	#Max	QPSK	22.36	37	PASS
Band12	3	23025	15	#0	QPSK	22.41	37	PASS
Band12	3	23025	1	#0	16QAM	22.54	37	PASS
Band12	3	23025	1	#Mid	16QAM	22.86	37	PASS
Band12	3	23025	1	#Max	16QAM	22.76	37	PASS
Band12	3	23025	8	#0	16QAM	21.42	37	PASS
Band12	3	23025	8	#Mid	16QAM	21.54	37	PASS
Band12	3	23025	8	#Max	16QAM	21.52	37	PASS
Band12	3	23025	15	#0	16QAM	21.46	37	PASS
Band12	3	23095	1	#0	QPSK	23.22	37	PASS
Band12	3	23095	1	#Mid	QPSK	23.41	37	PASS
Band12	3	23095	1	#Max	QPSK	23.08	37	PASS
Band12	3	23095	8	#0	QPSK	22.48	37	PASS
Band12	3	23095	8	#Mid	QPSK	22.54	37	PASS
Band12	3	23095	8	#Max	QPSK	22.49	37	PASS
Band12	3	23095	15	#0	QPSK	22.47	37	PASS
Band12	3	23095	1	#0	16QAM	22.29	37	PASS
Band12	3	23095	1	#Mid	16QAM	22.49	37	PASS
Band12	3	23095	1	#Max	16QAM	22.18	37	PASS
Band12	3	23095	8	#0	16QAM	21.64	37	PASS
Band12	3	23095	8	#Mid	16QAM	21.73	37	PASS
Band12	3	23095	8	#Max	16QAM	21.66	37	PASS
Band12	3	23095	15	#0	16QAM	21.50	37	PASS
Band12	3	23165	1	#0	QPSK	22.95	37	PASS
Band12	3	23165	1	#Mid	QPSK	23.29	37	PASS
Band12	3	23165	1	#Max	QPSK	23.19	37	PASS
Band12	3	23165	8	#0	QPSK	22.28	37	PASS
Band12	3	23165	8	#Mid	QPSK	22.32	37	PASS
Band12	3	23165	8	#Max	QPSK	22.31	37	PASS
Band12	3	23165	15	#0	QPSK	22.30	37	PASS
Band12	3	23165	1	#0	16QAM	22.18	37	PASS
Band12	3	23165	1	#Mid	16QAM	22.40	37	PASS
Band12	3	23165	1	#Max	16QAM	22.31	37	PASS
Band12	3	23165	8	#0	16QAM	21.32	37	PASS
Band12	3	23165	8	#Mid	16QAM	21.35	37	PASS
Band12	3	23165	8	#Max	16QAM	21.35	37	PASS
Band12	3	23165	15	#0	16QAM	21.41	37	PASS

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Band12	5	23035	1	#0	QPSK	23.20	37	PASS
Band12	5	23035	1	#Mid	QPSK	23.41	37	PASS
Band12	5	23035	1	#Max	QPSK	23.64	37	PASS
Band12	5	23035	12	#0	QPSK	22.34	37	PASS
Band12	5	23035	12	#Mid	QPSK	22.41	37	PASS
Band12	5	23035	12	#Max	QPSK	22.56	37	PASS
Band12	5	23035	25	#0	QPSK	22.41	37	PASS
Band12	5	23035	1	#0	16QAM	22.60	37	PASS
Band12	5	23035	1	#Mid	16QAM	22.77	37	PASS
Band12	5	23035	1	#Max	16QAM	23.04	37	PASS
Band12	5	23035	12	#0	16QAM	21.48	37	PASS
Band12	5	23035	12	#Mid	16QAM	21.57	37	PASS
Band12	5	23035	12	#Max	16QAM	21.73	37	PASS
Band12	5	23035	25	#0	16QAM	21.66	37	PASS
Band12	5	23095	1	#0	QPSK	23.58	37	PASS
Band12	5	23095	1	#Mid	QPSK	23.48	37	PASS
Band12	5	23095	1	#Max	QPSK	23.32	37	PASS
Band12	5	23095	12	#0	QPSK	22.57	37	PASS
Band12	5	23095	12	#Mid	QPSK	22.56	37	PASS
Band12	5	23095	12	#Max	QPSK	22.48	37	PASS
Band12	5	23095	25	#0	QPSK	22.53	37	PASS
Band12	5	23095	1	#0	16QAM	22.88	37	PASS
Band12	5	23095	1	#Mid	16QAM	22.81	37	PASS
Band12	5	23095	1	#Max	16QAM	22.67	37	PASS
Band12	5	23095	12	#0	16QAM	21.63	37	PASS
Band12	5	23095	12	#Mid	16QAM	21.63	37	PASS
Band12	5	23095	12	#Max	16QAM	21.55	37	PASS
Band12	5	23095	25	#0	16QAM	21.65	37	PASS
Band12	5	23155	1	#0	QPSK	23.23	37	PASS
Band12	5	23155	1	#Mid	QPSK	23.33	37	PASS
Band12	5	23155	1	#Max	QPSK	23.38	37	PASS
Band12	5	23155	12	#0	QPSK	22.25	37	PASS
Band12	5	23155	12	#Mid	QPSK	22.32	37	PASS
Band12	5	23155	12	#Max	QPSK	22.44	37	PASS
Band12	5	23155	25	#0	QPSK	22.33	37	PASS
Band12	5	23155	1	#0	16QAM	22.77	37	PASS
Band12	5	23155	1	#Mid	16QAM	22.90	37	PASS
Band12	5	23155	1	#Max	16QAM	22.98	37	PASS
Band12	5	23155	12	#0	16QAM	21.43	37	PASS
Band12	5	23155	12	#Mid	16QAM	21.53	37	PASS
Band12	5	23155	12	#Max	16QAM	21.65	37	PASS
Band12	5	23155	25	#0	16QAM	21.55	37	PASS
Band12	10	23060	1	#0	QPSK	23.20	37	PASS
Band12	10	23060	1	#Mid	QPSK	23.51	37	PASS

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Band12	10	23060	1	#Max	QPSK	23.47	37	PASS
Band12	10	23060	25	#0	QPSK	22.41	37	PASS
Band12	10	23060	25	#Mid	QPSK	22.58	37	PASS
Band12	10	23060	25	#Max	QPSK	22.64	37	PASS
Band12	10	23060	50	#0	QPSK	22.58	37	PASS
Band12	10	23060	1	#0	16QAM	22.58	37	PASS
Band12	10	23060	1	#Mid	16QAM	22.97	37	PASS
Band12	10	23060	1	#Max	16QAM	22.94	37	PASS
Band12	10	23060	25	#0	16QAM	21.52	37	PASS
Band12	10	23060	25	#Mid	16QAM	21.69	37	PASS
Band12	10	23060	25	#Max	16QAM	21.72	37	PASS
Band12	10	23095	1	#0	QPSK	23.40	37	PASS
Band12	10	23095	1	#Mid	QPSK	23.34	37	PASS
Band12	10	23095	1	#Max	QPSK	23.12	37	PASS
Band12	10	23095	25	#0	QPSK	22.56	37	PASS
Band12	10	23095	25	#Mid	QPSK	22.48	37	PASS
Band12	10	23095	25	#Max	QPSK	22.43	37	PASS
Band12	10	23095	50	#0	QPSK	22.48	37	PASS
Band12	10	23095	1	#0	16QAM	22.45	37	PASS
Band12	10	23095	1	#Mid	16QAM	22.41	37	PASS
Band12	10	23095	1	#Max	16QAM	22.21	37	PASS
Band12	10	23095	25	#0	16QAM	21.59	37	PASS
Band12	10	23095	25	#Mid	16QAM	21.55	37	PASS
Band12	10	23095	25	#Max	16QAM	21.65	37	PASS
Band12	10	23130	1	#0	QPSK	23.41	37	PASS
Band12	10	23130	1	#Mid	QPSK	23.24	37	PASS
Band12	10	23130	1	#Max	QPSK	23.59	37	PASS
Band12	10	23130	25	#0	QPSK	22.46	37	PASS
Band12	10	23130	25	#Mid	QPSK	22.36	37	PASS
Band12	10	23130	25	#Max	QPSK	22.44	37	PASS
Band12	10	23130	50	#0	QPSK	22.41	37	PASS
Band12	10	23130	1	#0	16QAM	22.58	37	PASS
Band12	10	23130	1	#Mid	16QAM	22.43	37	PASS
Band12	10	23130	1	#Max	16QAM	22.66	37	PASS
Band12	10	23130	25	#0	16QAM	21.45	37	PASS
Band12	10	23130	25	#Mid	16QAM	21.37	37	PASS
Band12	10	23130	25	#Max	16QAM	21.44	37	PASS
Band12	10	23060	1	#0	QPSK	23.37	37	PASS
Band12	10	23060	1	#Mid	QPSK	23.74	37	PASS
Band12	10	23060	1	#Max	QPSK	23.68	37	PASS
Band12	10	23060	50	#0	QPSK	22.70	37	PASS
Band12	10	23060	1	#0	16QAM	22.75	37	PASS
Band12	10	23060	1	#Mid	16QAM	23.19	37	PASS
Band12	10	23060	1	#Max	16QAM	23.14	37	PASS

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Band12	10	23095	1	#0	QPSK	23.63	37	PASS
Band12	10	23095	1	#Mid	QPSK	23.51	37	PASS
Band12	10	23095	1	#Max	QPSK	23.33	37	PASS
Band12	10	23095	50	#0	QPSK	22.74	37	PASS
Band12	10	23095	1	#0	16QAM	22.72	37	PASS
Band12	10	23095	1	#Mid	16QAM	22.61	37	PASS
Band12	10	23095	1	#Max	16QAM	22.45	37	PASS
Band12	10	23130	1	#0	QPSK	23.56	37	PASS
Band12	10	23130	1	#Mid	QPSK	23.44	37	PASS
Band12	10	23130	1	#Max	QPSK	23.57	37	PASS
Band12	10	23130	50	#0	QPSK	22.61	37	PASS
Band12	10	23130	1	#0	16QAM	22.75	37	PASS
Band12	10	23130	1	#Mid	16QAM	22.65	37	PASS
Band12	10	23130	1	#Max	16QAM	22.78	37	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
Band1 2	10	23060	50	#0	QPSK	LV	NT	0.16	0.000	-2.5	2.5	PASS
Band1 2	10	23060	50	#0	QPSK	NV	NT	-0.21	0.000	-2.5	2.5	PASS
Band1 2	10	23060	50	#0	QPSK	HV	NT	-0.24	0.000	-2.5	2.5	PASS
Band1 2	10	23095	50	#0	QPSK	LV	NT	0.24	0.000	-2.5	2.5	PASS
Band1 2	10	23095	50	#0	QPSK	NV	NT	-0.20	0.000	-2.5	2.5	PASS
Band1 2	10	23095	50	#0	QPSK	HV	NT	-0.01	0.000	-2.5	2.5	PASS
Band1 2	10	23130	50	#0	QPSK	LV	NT	-0.59	-0.001	-2.5	2.5	PASS
Band1 2	10	23130	50	#0	QPSK	NV	NT	-0.26	0.000	-2.5	2.5	PASS
Band1 2	10	23130	50	#0	QPSK	HV	NT	-0.47	-0.001	-2.5	2.5	PASS
Band1 2	10	23060	50	#0	QPSK	NV	-30	-0.83	-0.001	-2.5	2.5	PASS
Band1 2	10	23060	50	#0	QPSK	NV	-20	-0.64	-0.001	-2.5	2.5	PASS
Band1 2	10	23060	50	#0	QPSK	NV	0	-1.70	-0.002	-2.5	2.5	PASS
Band1 2	10	23060	50	#0	QPSK	NV	10	-1.93	-0.003	-2.5	2.5	PASS
Band1 2	10	23060	50	#0	QPSK	NV	20	-2.56	-0.004	-2.5	2.5	PASS
Band1 2	10	23060	50	#0	QPSK	NV	30	-1.97	-0.003	-2.5	2.5	PASS
Band1 2	10	23060	50	#0	QPSK	NV	40	-2.53	-0.004	-2.5	2.5	PASS
Band1 2	10	23060	50	#0	QPSK	NV	50	-2.22	-0.003	-2.5	2.5	PASS
Band1 2	10	23095	50	#0	QPSK	NV	-30	-2.22	-0.003	-2.5	2.5	PASS
Band1 2	10	23095	50	#0	QPSK	NV	-20	-2.75	-0.004	-2.5	2.5	PASS

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Band1 2	10	23095	50	#0	QPSK	NV	0	-2.12	-0.00 3	-2.5	2.5	PASS
Band1 2	10	23095	50	#0	QPSK	NV	10	-1.79	-0.00 3	-2.5	2.5	PASS
Band1 2	10	23095	50	#0	QPSK	NV	20	-2.00	-0.00 3	-2.5	2.5	PASS
Band1 2	10	23095	50	#0	QPSK	NV	30	-1.72	-0.00 2	-2.5	2.5	PASS
Band1 2	10	23095	50	#0	QPSK	NV	40	-1.93	-0.00 3	-2.5	2.5	PASS
Band1 2	10	23095	50	#0	QPSK	NV	50	-1.46	-0.00 2	-2.5	2.5	PASS
Band1 2	10	23130	50	#0	QPSK	NV	-30	-2.07	-0.00 3	-2.5	2.5	PASS
Band1 2	10	23130	50	#0	QPSK	NV	-20	-2.25	-0.00 3	-2.5	2.5	PASS
Band1 2	10	23130	50	#0	QPSK	NV	0	-1.42	-0.00 2	-2.5	2.5	PASS
Band1 2	10	23130	50	#0	QPSK	NV	10	-1.27	-0.00 2	-2.5	2.5	PASS
Band1 2	10	23130	50	#0	QPSK	NV	20	-1.23	-0.00 2	-2.5	2.5	PASS
Band1 2	10	23130	50	#0	QPSK	NV	30	-1.86	-0.00 3	-2.5	2.5	PASS
Band1 2	10	23130	50	#0	QPSK	NV	40	-1.16	-0.00 2	-2.5	2.5	PASS
Band1 2	10	23130	50	#0	QPSK	NV	50	-1.72	-0.00 2	-2.5	2.5	PASS
Band1 2	10	23060	50	#0	QPSK	LV	NT	-0.21	0.000	-2.5	2.5	PASS
Band1 2	10	23060	50	#0	QPSK	NV	NT	-1.07	-0.00 2	-2.5	2.5	PASS
Band1 2	10	23060	50	#0	QPSK	HV	NT	-0.84	-0.00 1	-2.5	2.5	PASS
Band1 2	10	23095	50	#0	QPSK	LV	NT	-0.59	-0.00 1	-2.5	2.5	PASS
Band1 2	10	23095	50	#0	QPSK	NV	NT	-0.53	-0.00 1	-2.5	2.5	PASS
Band1 2	10	23095	50	#0	QPSK	HV	NT	-0.83	-0.00 1	-2.5	2.5	PASS
Band1 2	10	23130	50	#0	QPSK	LV	NT	-0.84	-0.00 1	-2.5	2.5	PASS
Band1 2	10	23130	50	#0	QPSK	NV	NT	-1.10	-0.00 2	-2.5	2.5	PASS

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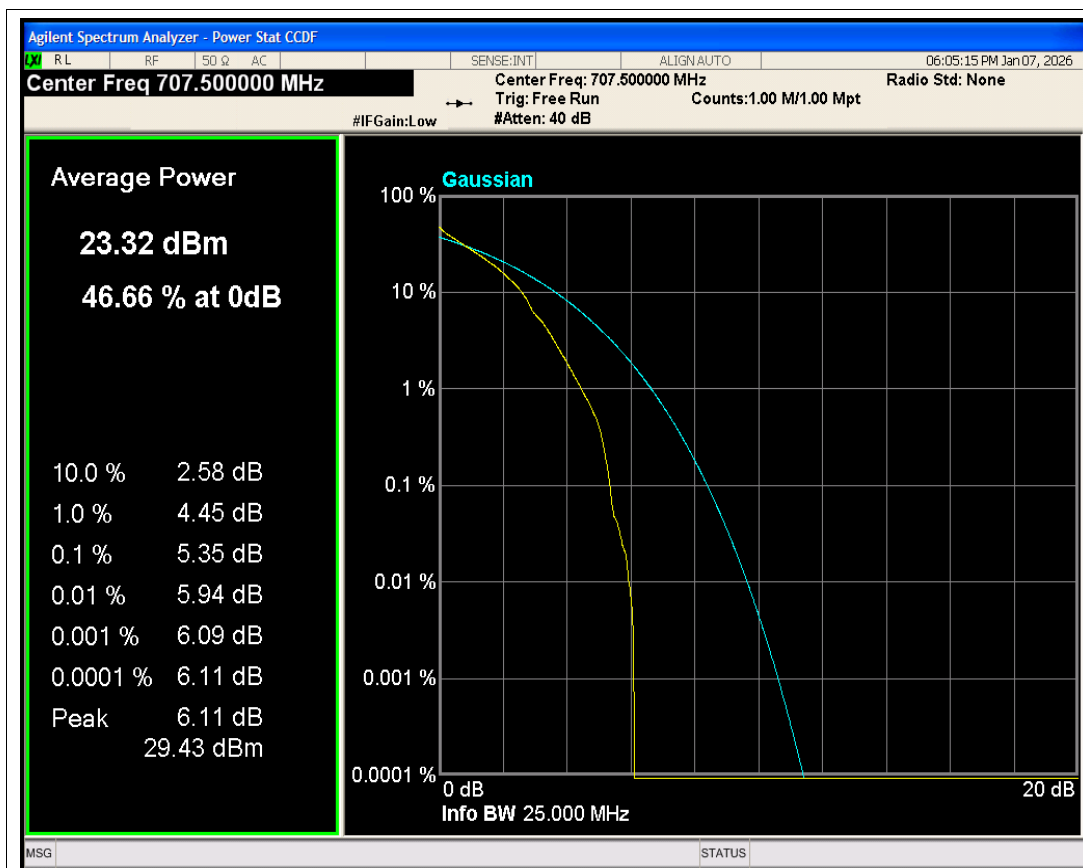
Band1 2	10	23130	50	#0	QPSK	HV	NT	-0.92	-0.00 1	-2.5	2.5	PASS
Band1 2	10	23060	50	#0	QPSK	NV	-30	0.43	0.001	-2.5	2.5	PASS
Band1 2	10	23060	50	#0	QPSK	NV	-20	-0.82	-0.00 1	-2.5	2.5	PASS
Band1 2	10	23060	50	#0	QPSK	NV	0	-1.19	-0.00 2	-2.5	2.5	PASS
Band1 2	10	23060	50	#0	QPSK	NV	10	-1.04	-0.00 1	-2.5	2.5	PASS
Band1 2	10	23060	50	#0	QPSK	NV	20	-1.59	-0.00 2	-2.5	2.5	PASS
Band1 2	10	23060	50	#0	QPSK	NV	30	-2.16	-0.00 3	-2.5	2.5	PASS
Band1 2	10	23060	50	#0	QPSK	NV	40	-1.23	-0.00 2	-2.5	2.5	PASS
Band1 2	10	23060	50	#0	QPSK	NV	50	-1.40	-0.00 2	-2.5	2.5	PASS
Band1 2	10	23095	50	#0	QPSK	NV	-30	-1.34	-0.00 2	-2.5	2.5	PASS
Band1 2	10	23095	50	#0	QPSK	NV	-20	-1.85	-0.00 3	-2.5	2.5	PASS
Band1 2	10	23095	50	#0	QPSK	NV	0	-1.26	-0.00 2	-2.5	2.5	PASS
Band1 2	10	23095	50	#0	QPSK	NV	10	-1.73	-0.00 2	-2.5	2.5	PASS
Band1 2	10	23095	50	#0	QPSK	NV	20	-0.87	-0.00 1	-2.5	2.5	PASS
Band1 2	10	23095	50	#0	QPSK	NV	30	-0.80	-0.00 1	-2.5	2.5	PASS
Band1 2	10	23095	50	#0	QPSK	NV	40	-1.16	-0.00 2	-2.5	2.5	PASS
Band1 2	10	23095	50	#0	QPSK	NV	50	-0.80	-0.00 1	-2.5	2.5	PASS
Band1 2	10	23130	50	#0	QPSK	NV	-30	-0.79	-0.00 1	-2.5	2.5	PASS
Band1 2	10	23130	50	#0	QPSK	NV	-20	-0.80	-0.00 1	-2.5	2.5	PASS
Band1 2	10	23130	50	#0	QPSK	NV	0	-0.92	-0.00 1	-2.5	2.5	PASS
Band1 2	10	23130	50	#0	QPSK	NV	10	-1.79	-0.00 3	-2.5	2.5	PASS
Band1 2	10	23130	50	#0	QPSK	NV	20	-1.24	-0.00 2	-2.5	2.5	PASS

Report No.: STS2512362W02_RF_Appendix LET Band12

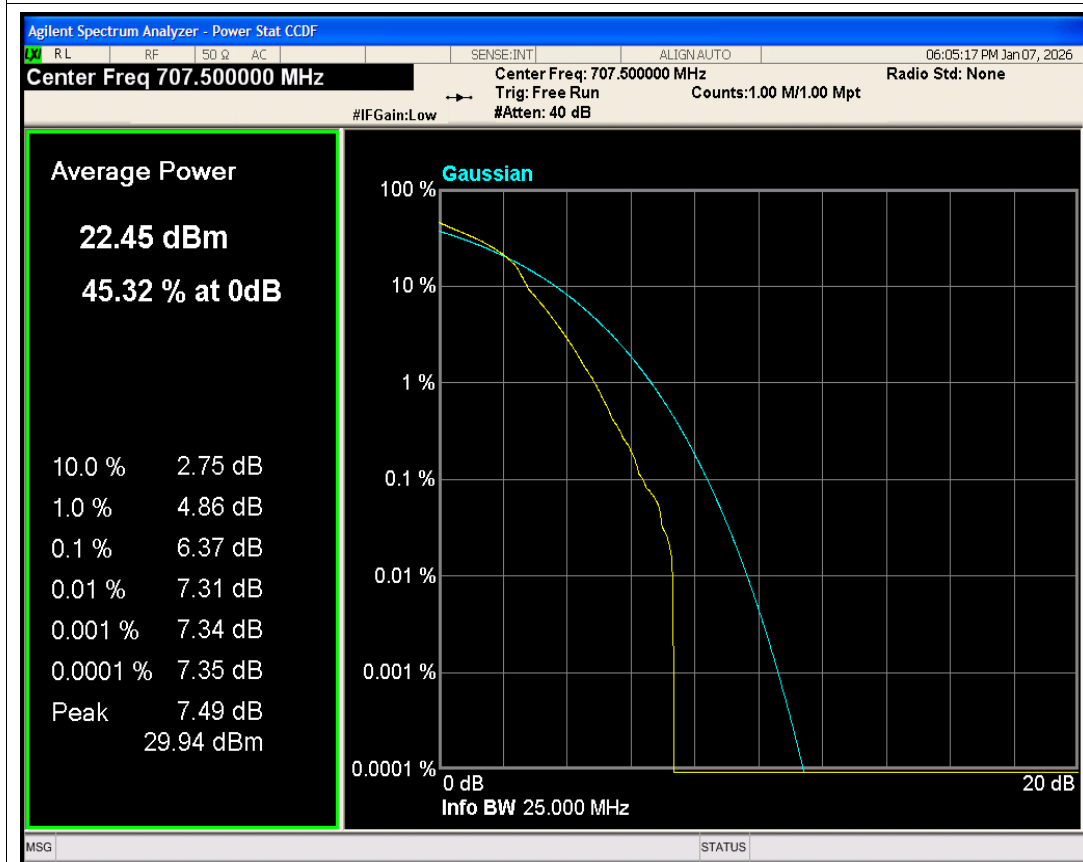
Band1 2	10	23130	50	#0	QPSK	NV	30	-1.97	-0.00 3	-2.5	2.5	PASS
Band1 2	10	23130	50	#0	QPSK	NV	40	-1.13	-0.00 2	-2.5	2.5	PASS
Band1 2	10	23130	50	#0	QPSK	NV	50	-2.02	-0.00 3	-2.5	2.5	PASS

Appendix 3. Peak-to-Average Ratio

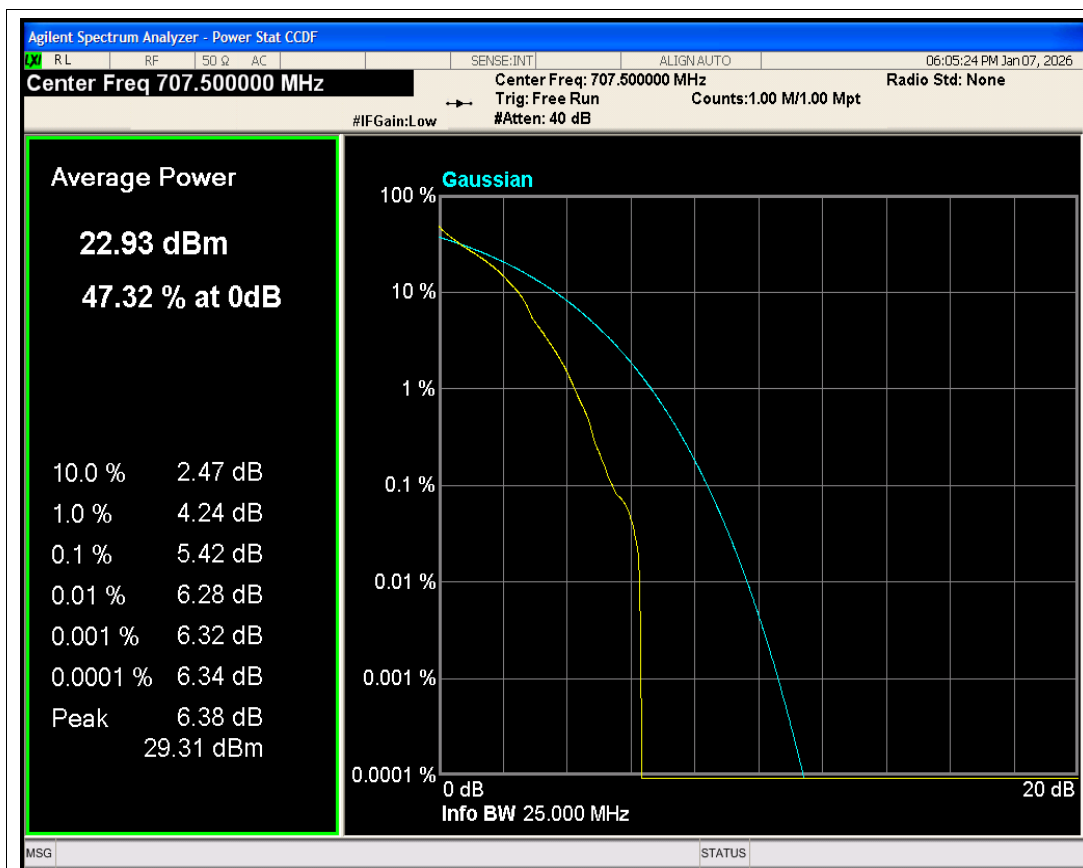
<i>Band</i>	<i>Bandwidth (MHz)</i>	<i>UL Channel</i>	<i>RB Size</i>	<i>RB Position</i>	<i>Modulation</i>	<i>Result (dB)</i>	<i>high Limit (dB)</i>	<i>Verdict</i>
Band12	1.4	23095	1	#0	QPSK	5.35	13	PASS
Band12	1.4	23095	1	#0	16QAM	6.37	13	PASS
Band12	3	23095	1	#0	QPSK	5.42	13	PASS
Band12	3	23095	1	#0	16QAM	6.61	13	PASS
Band12	5	23095	1	#0	QPSK	5.31	13	PASS
Band12	5	23095	1	#0	16QAM	6.21	13	PASS
Band12	10	23095	1	#0	QPSK	5.22	13	PASS
Band12	10	23095	1	#0	16QAM	6.46	13	PASS
Band12	10	23060	1	#0	QPSK	5.42	13	PASS
Band12	10	23060	1	#0	16QAM	6.39	13	PASS
Band12	10	23095	1	#0	QPSK	5.38	13	PASS
Band12	10	23095	1	#0	16QAM	6.11	13	PASS
Band12	10	23130	1	#0	QPSK	5.57	13	PASS
Band12	10	23130	1	#0	16QAM	6.22	13	PASS



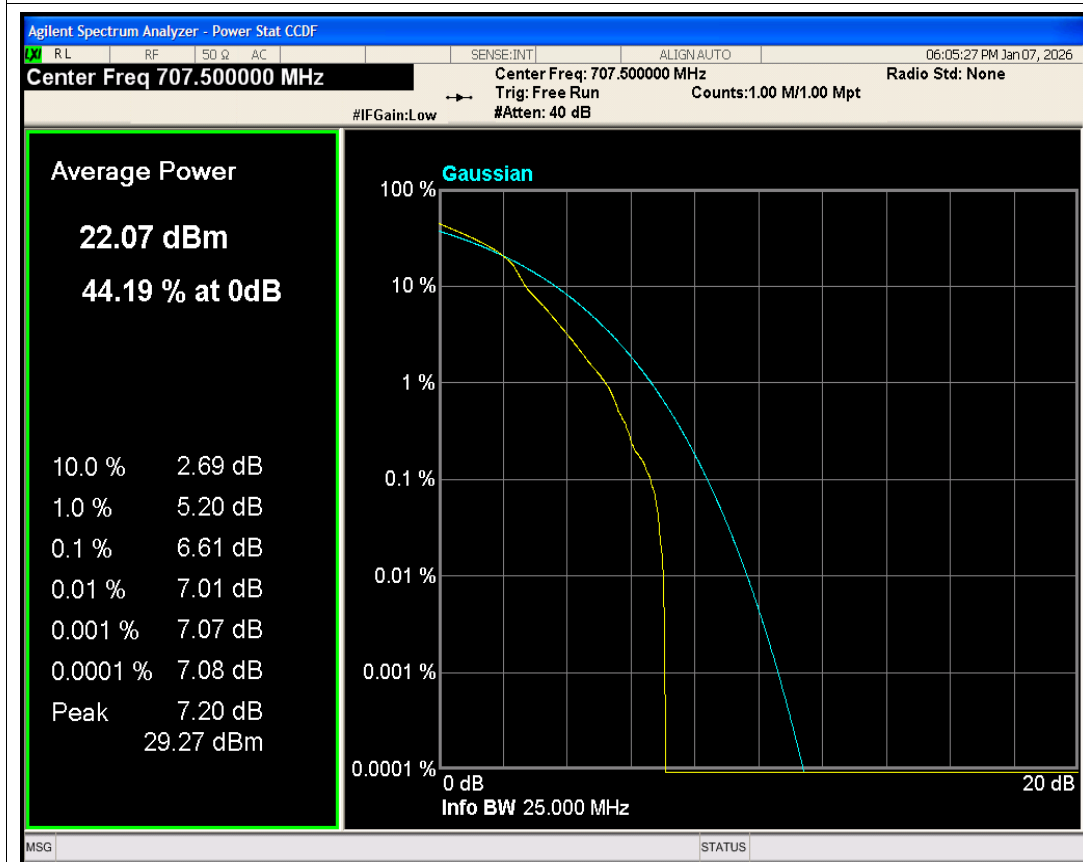
Band12 QPSK BW=1.4MHz Channel=23095 RB Size=1 Position=#0



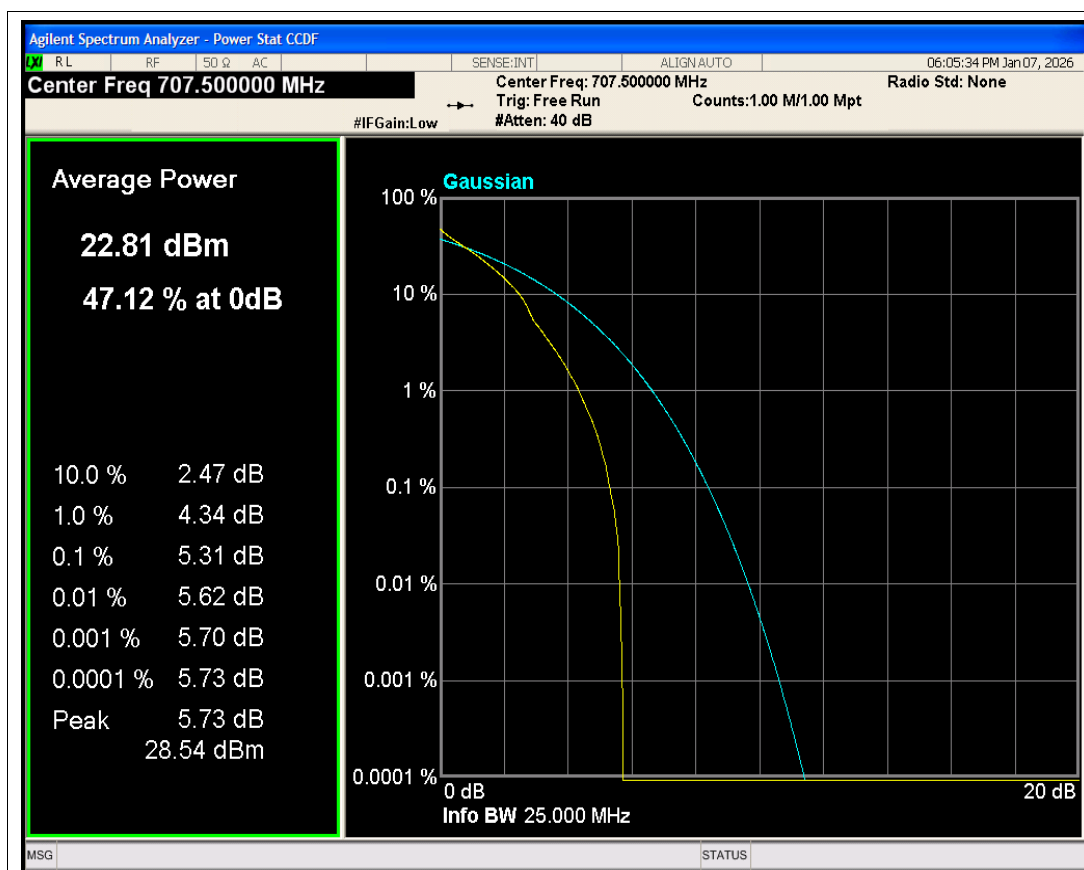
Band12 16QAM BW=1.4MHz Channel=23095 RB Size=1 Position=#0



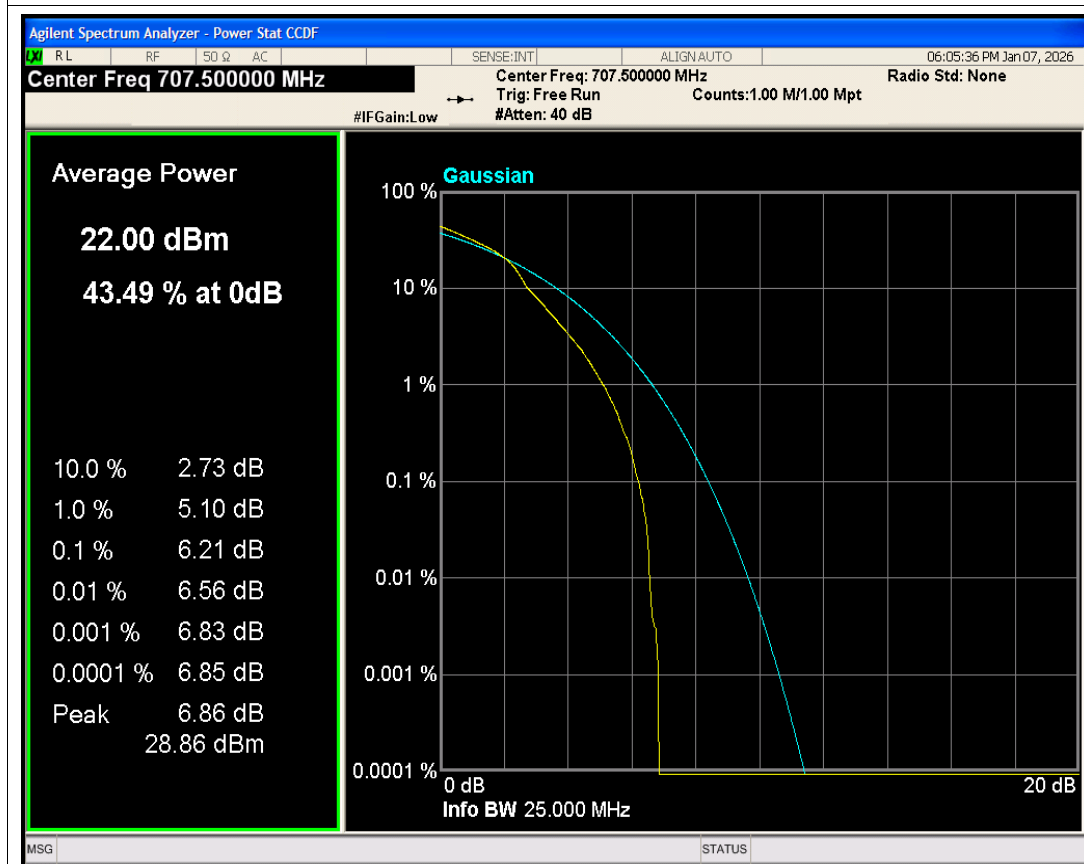
Band12 QPSK BW=3MHz Channel=23095 RB Size=1 Position=#0



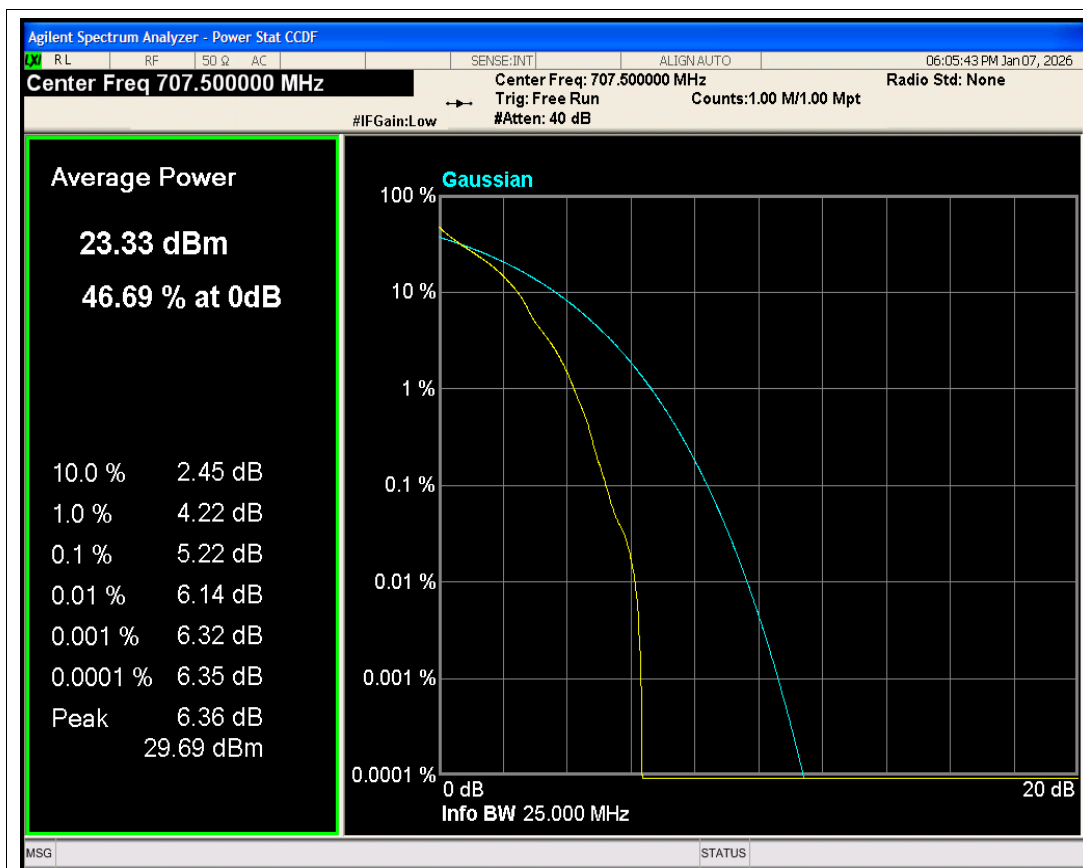
Band12 16QAM BW=3MHz Channel=23095 RB Size=1 Position=#0



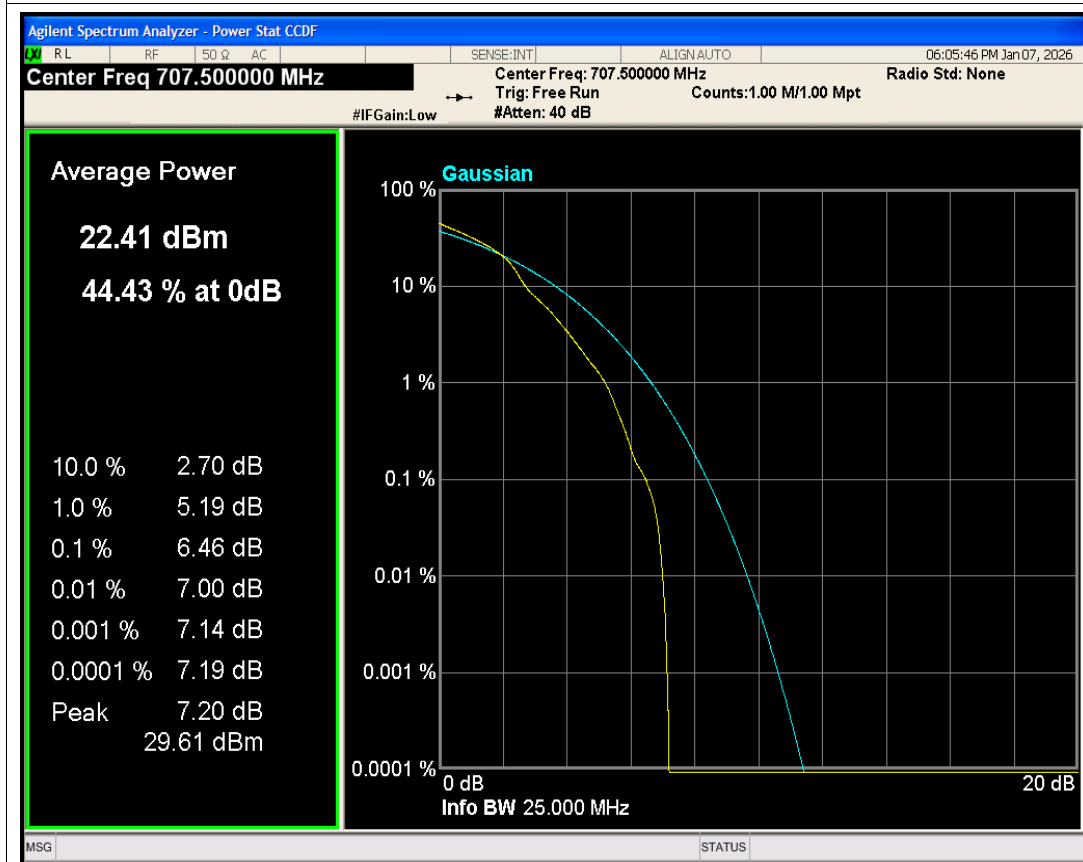
Band12 QPSK BW=5MHz Channel=23095 RB Size=1 Position=#0



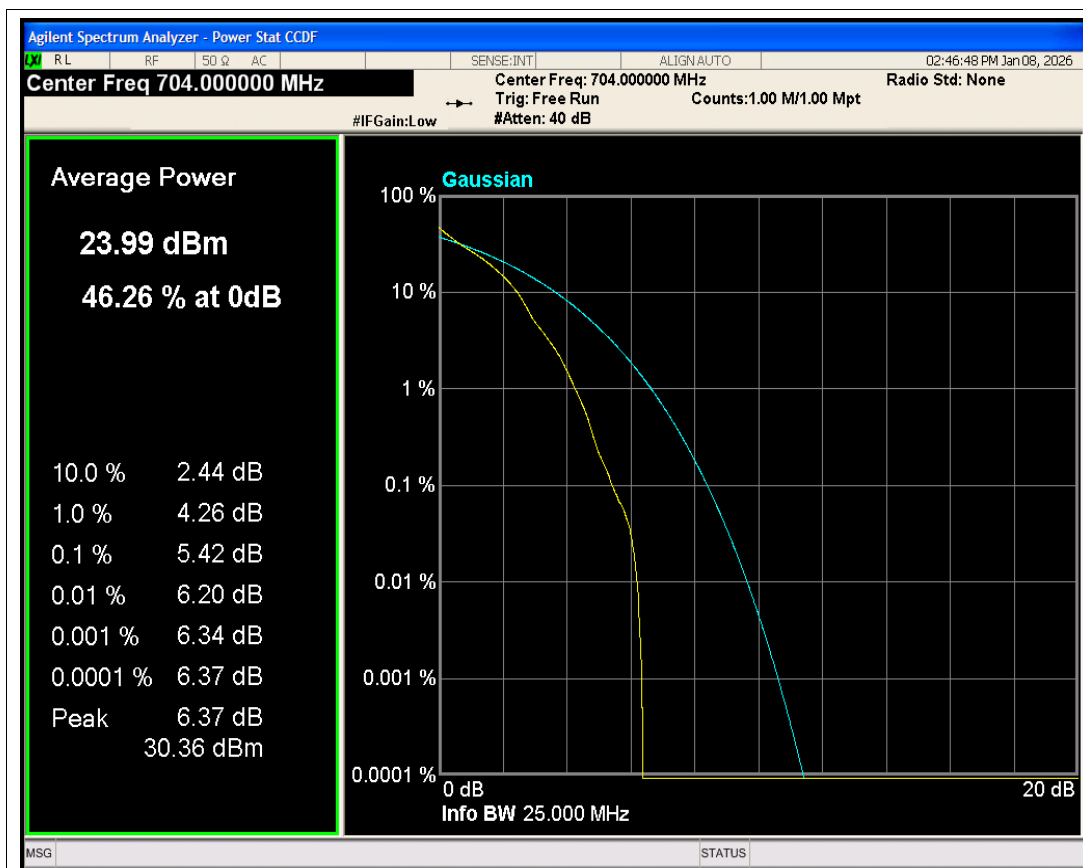
Band12 16QAM BW=5MHz Channel=23095 RB Size=1 Position=#0



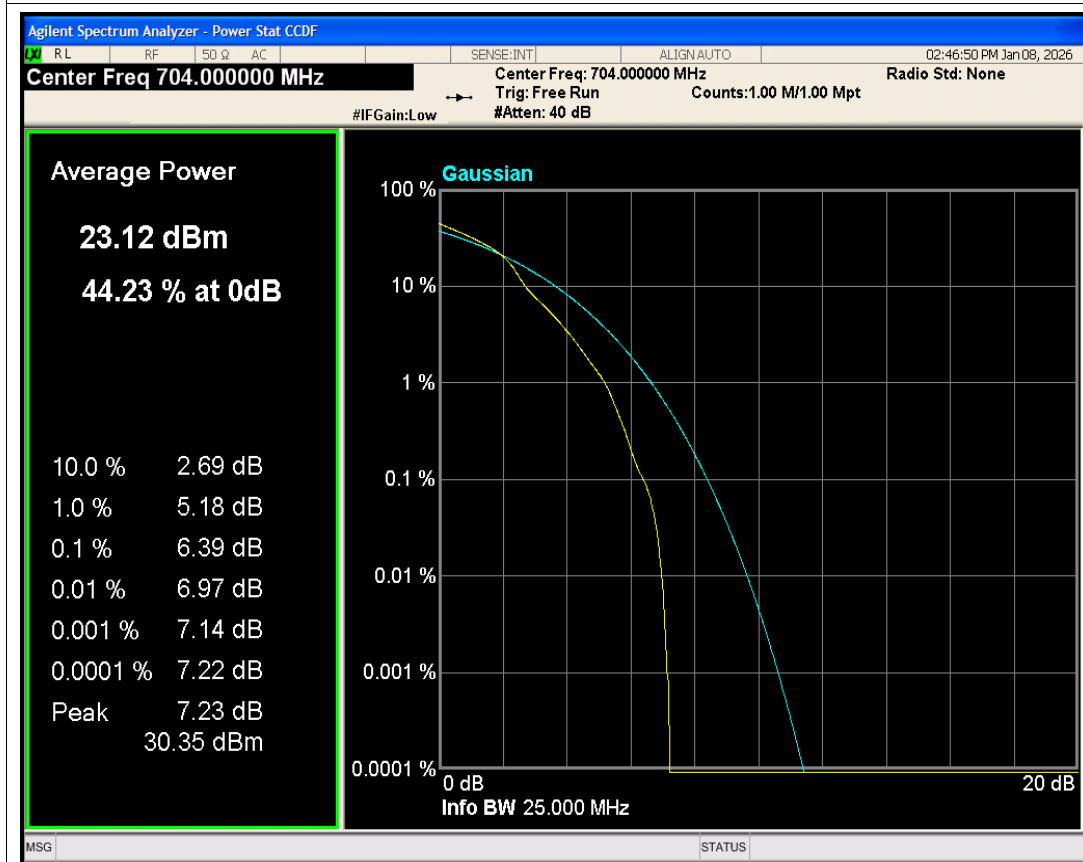
Band12 QPSK BW=10MHz Channel=23095 RB Size=1 Position=#0



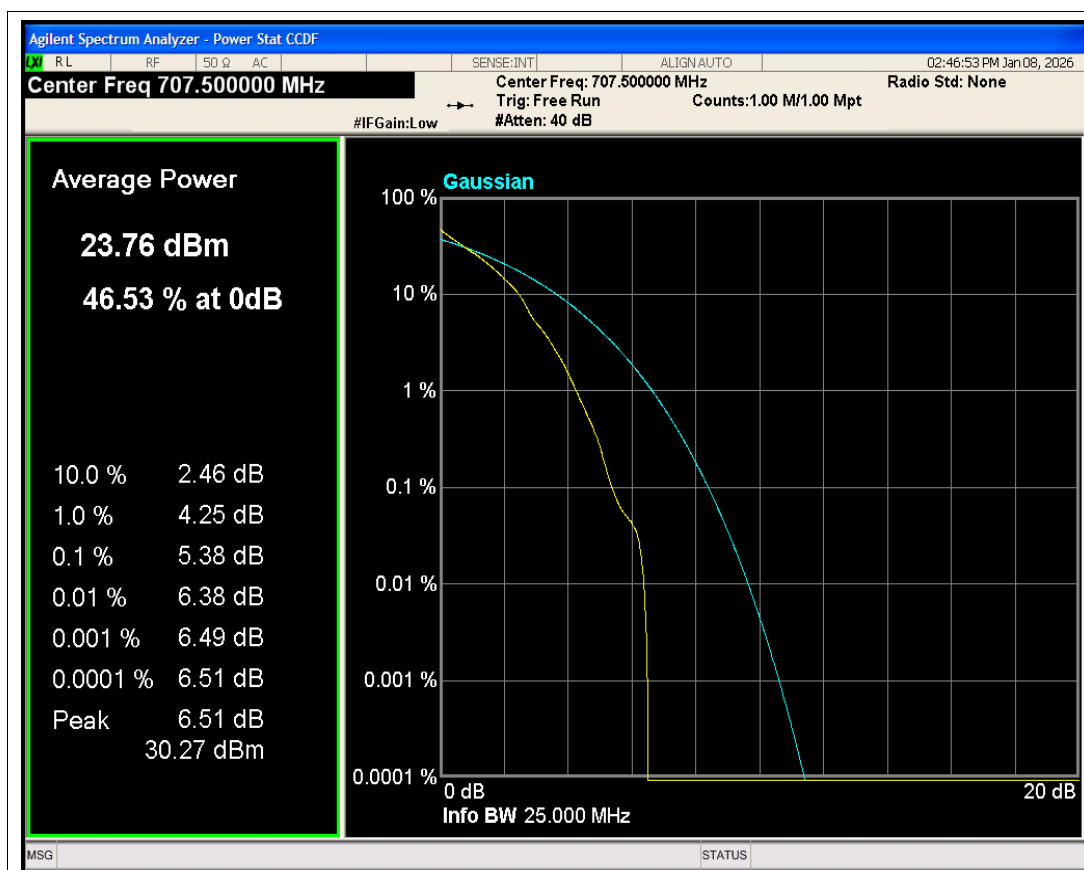
Band12 16QAM BW=10MHz Channel=23095 RB Size=1 Position=#0



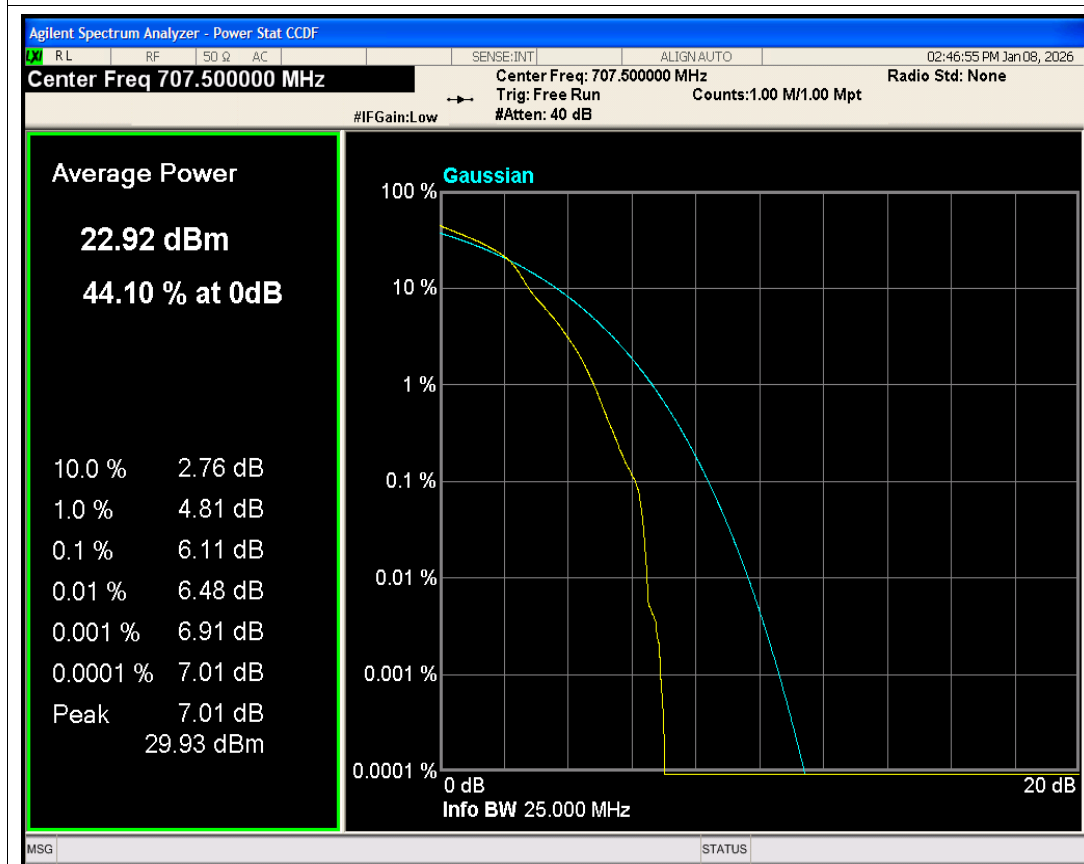
Band12 QPSK BW=10MHz Channel=23060 RB Size=1 Position=#0



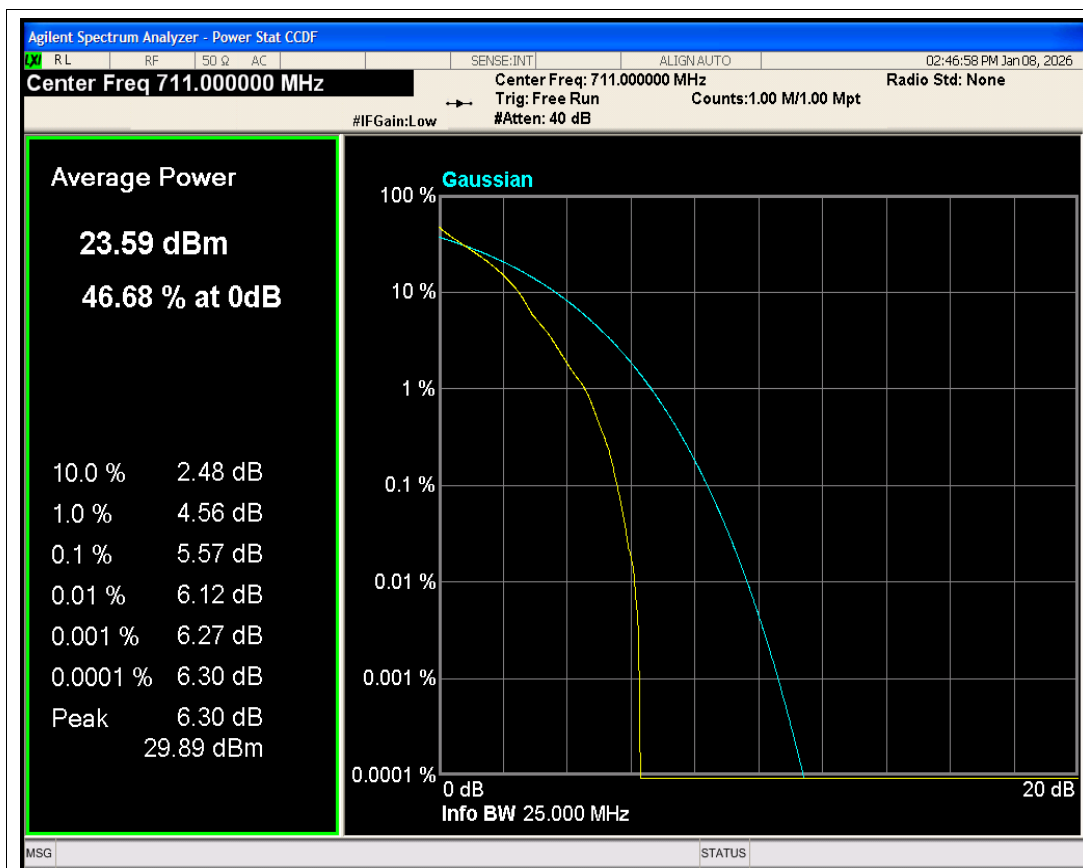
Band12 16QAM BW=10MHz Channel=23060 RB Size=1 Position=#0



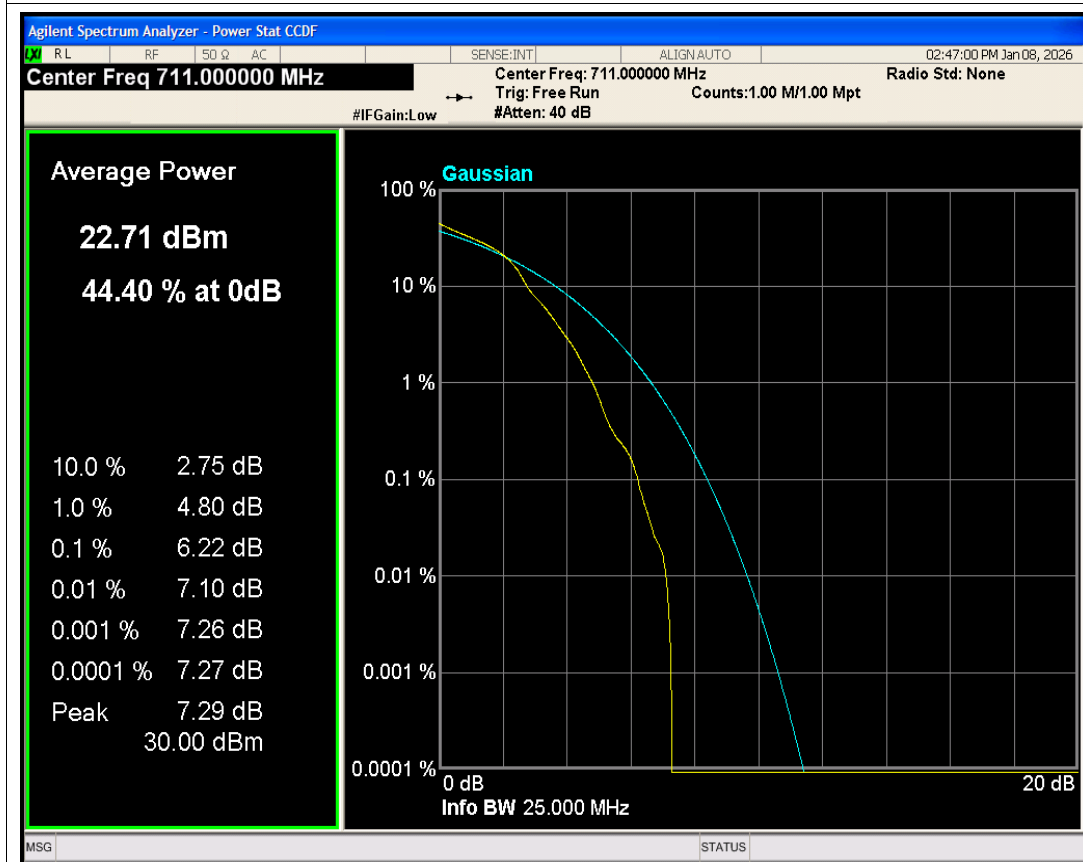
Band12 QPSK BW=10MHz Channel=23095 RB Size=1 Position=#0



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



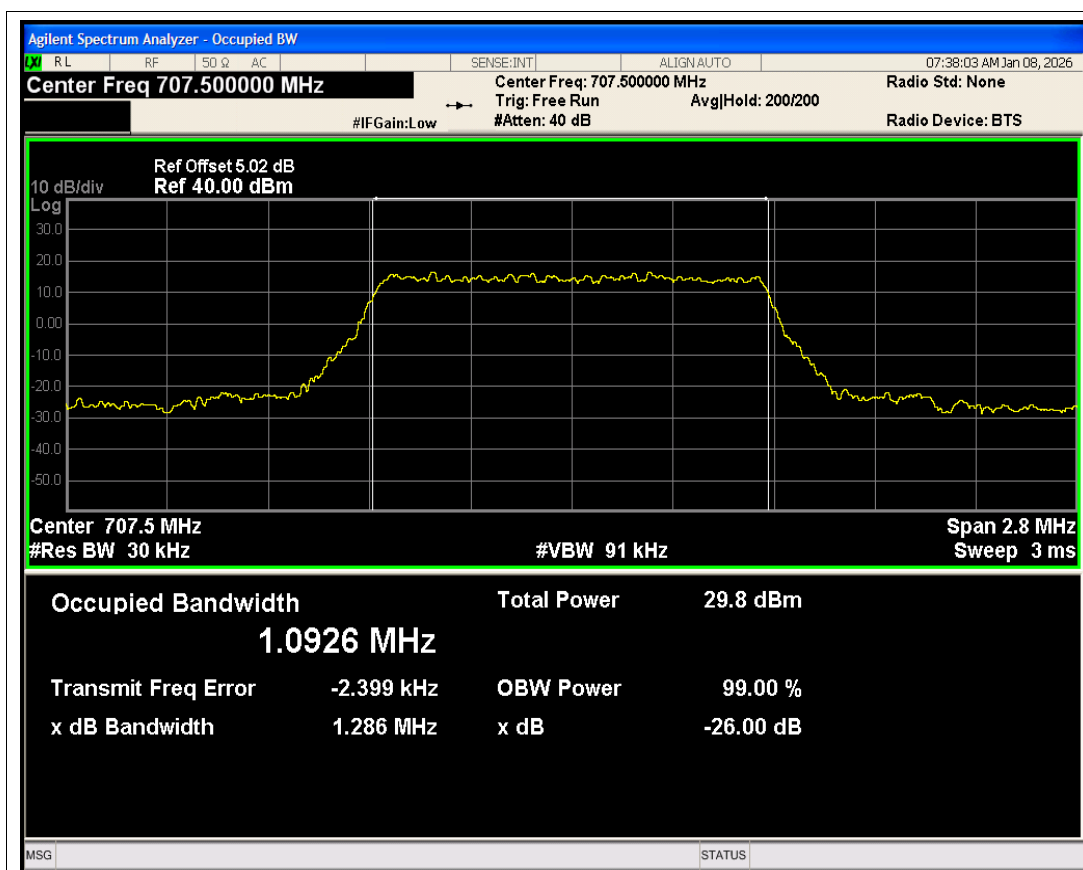
Band12 QPSK BW=10MHz Channel=23130 RB Size=1 Position=#0



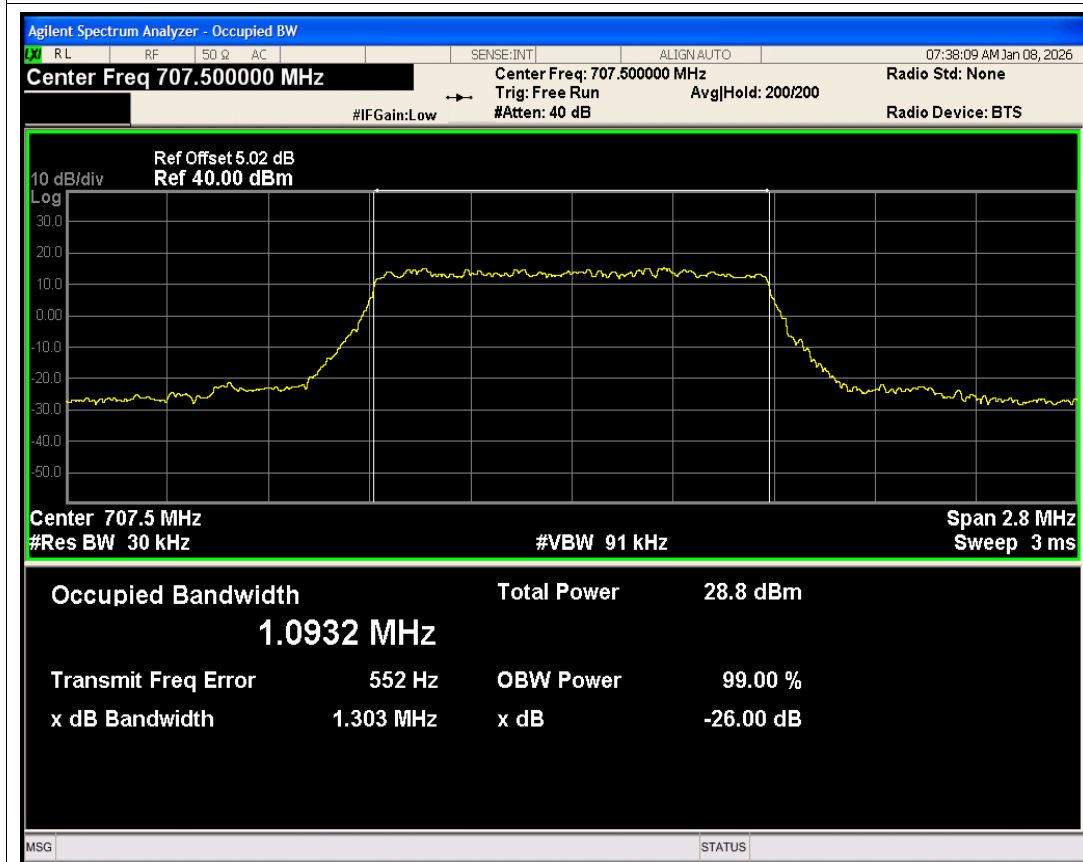
Band12 16QAM BW=10MHz Channel=23130 RB Size=1 Position=#0

Appendix 4.Occupied bandwidth

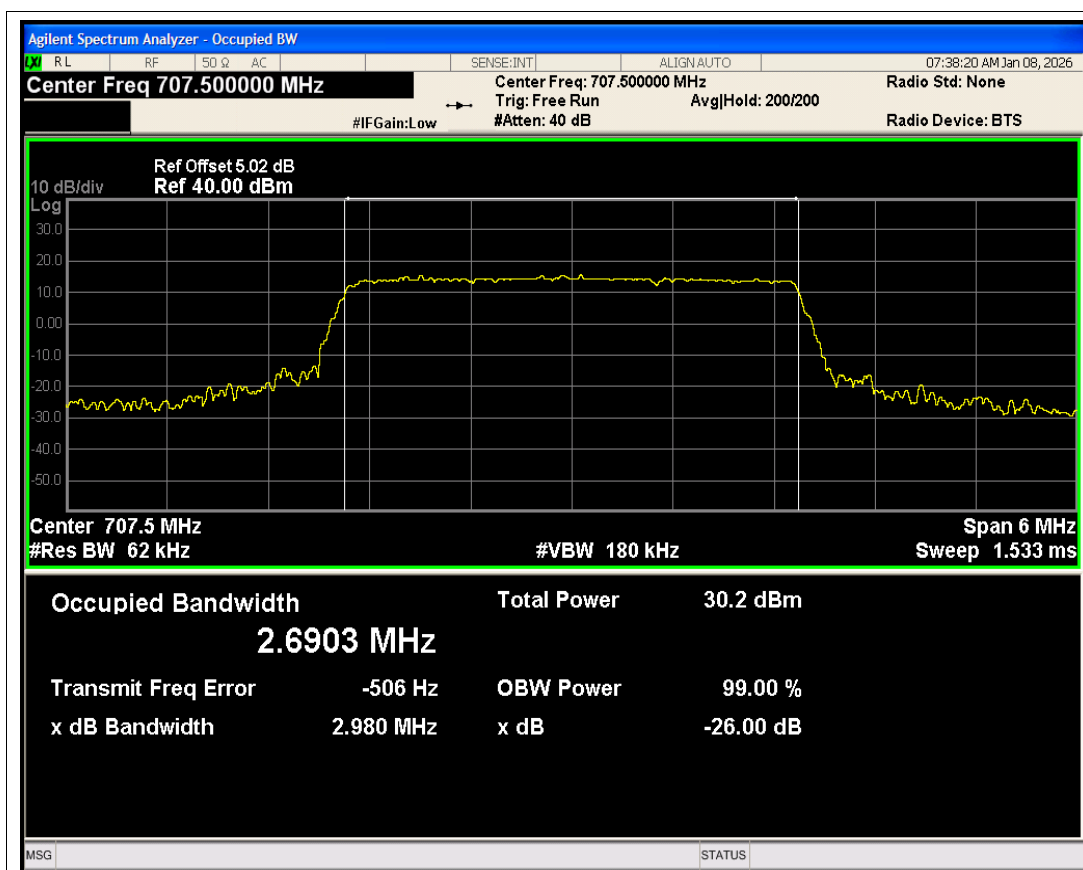
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
Band12	1.4	23095	1	#0	QPSK	0.275	0.426	PASS
Band12	1.4	23095	6	#0	QPSK	1.093	1.286	PASS
Band12	1.4	23095	1	#0	16QAM	0.277	0.422	PASS
Band12	1.4	23095	6	#0	16QAM	1.093	1.303	PASS
Band12	3	23095	1	#0	QPSK	0.359	0.503	PASS
Band12	3	23095	15	#0	QPSK	2.690	2.980	PASS
Band12	3	23095	1	#0	16QAM	0.347	0.487	PASS
Band12	3	23095	15	#0	16QAM	2.702	2.974	PASS
Band12	5	23095	1	#0	QPSK	0.563	0.778	PASS
Band12	5	23095	25	#0	QPSK	4.509	5.004	PASS
Band12	5	23095	1	#0	16QAM	0.548	0.817	PASS
Band12	5	23095	25	#0	16QAM	4.483	4.961	PASS
Band12	10	23095	1	#0	QPSK	1.188	1.560	PASS
Band12	10	23095	50	#0	QPSK	8.936	9.920	PASS
Band12	10	23095	1	#0	16QAM	1.134	1.404	PASS
Band12	10	23060	1	#0	QPSK	1.150	1.486	PASS
Band12	10	23060	50	#0	QPSK	9.007	9.938	PASS
Band12	10	23060	1	#0	16QAM	1.158	1.580	PASS
Band12	10	23095	1	#0	QPSK	1.161	1.543	PASS
Band12	10	23095	50	#0	QPSK	8.972	9.894	PASS
Band12	10	23095	1	#0	16QAM	1.161	1.558	PASS
Band12	10	23130	1	#0	QPSK	1.192	1.541	PASS
Band12	10	23130	50	#0	QPSK	9.001	9.989	PASS
Band12	10	23130	1	#0	16QAM	1.183	1.580	PASS



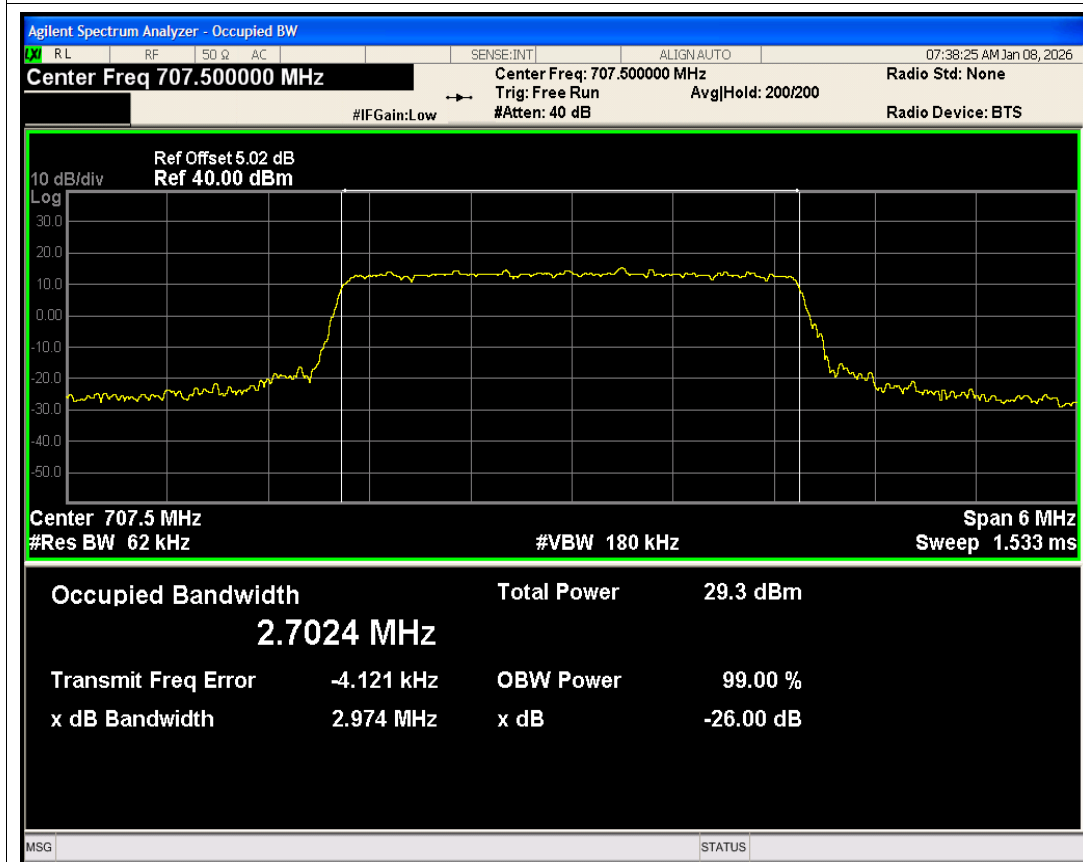
Band12 QPSK BW=1.4MHz Channel=23095 RB Size=6 Position=#0



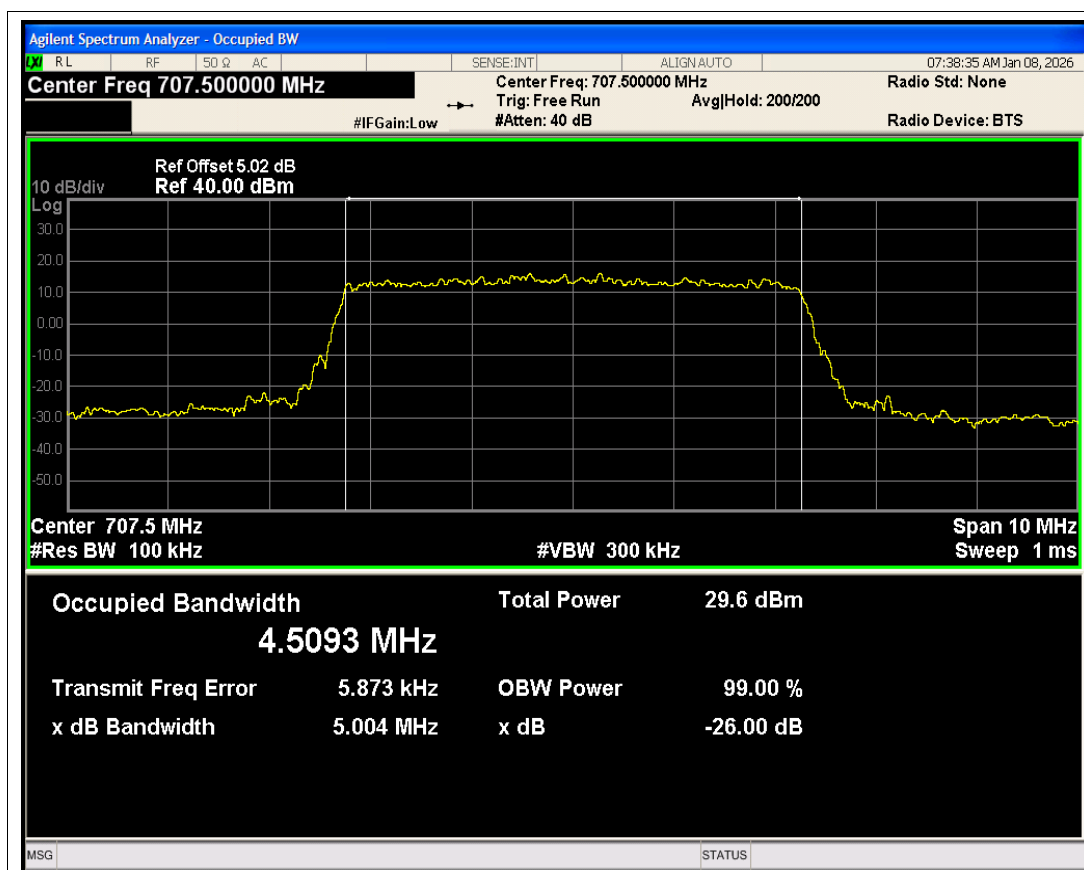
Band12 16QAM BW=1.4MHz Channel=23095 RB Size=6 Position=#0



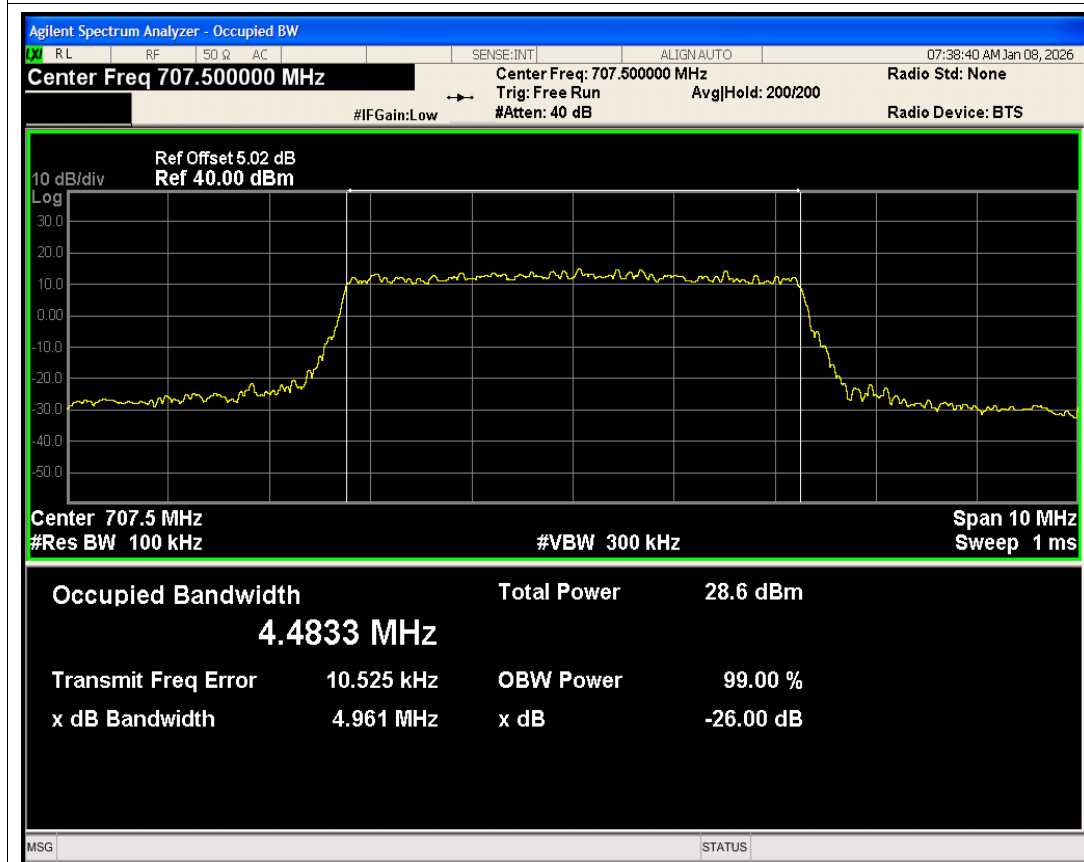
Band12 QPSK BW=3MHz Channel=23095 RB Size=15 Position=#0



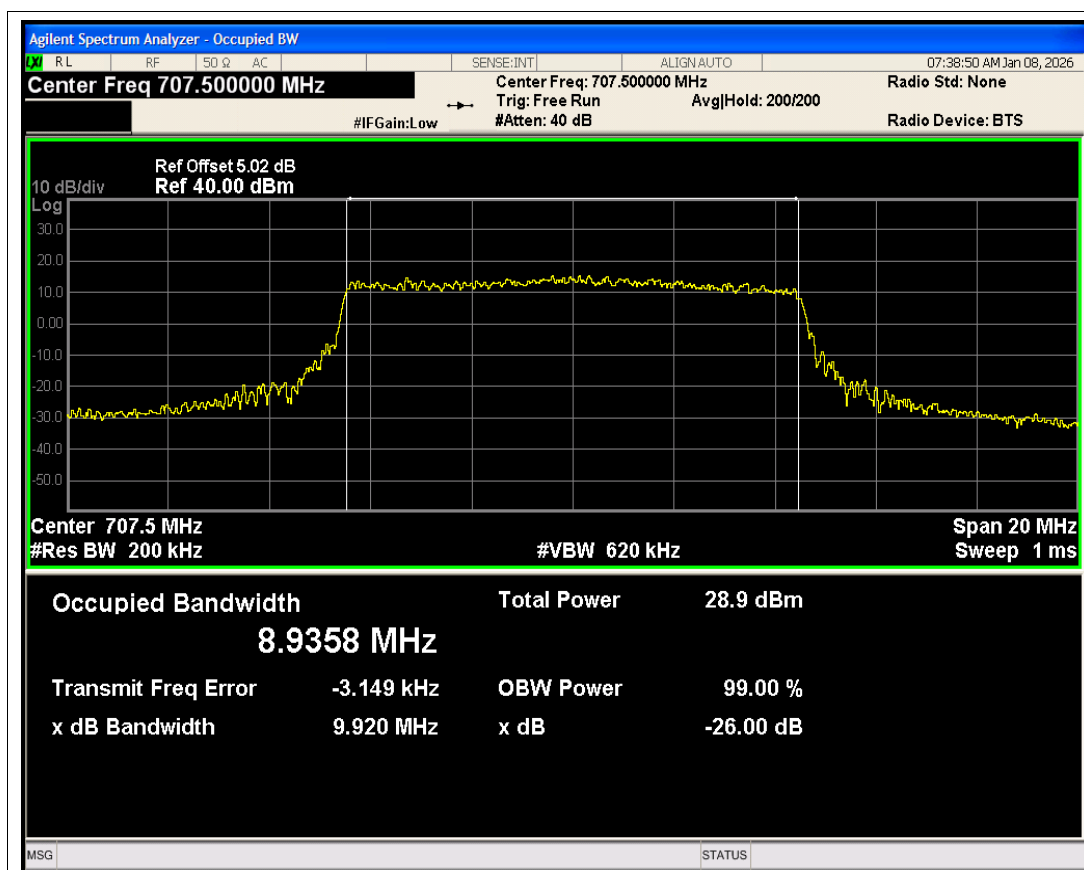
Band12 16QAM BW=3MHz Channel=23095 RB Size=15 Position=#0



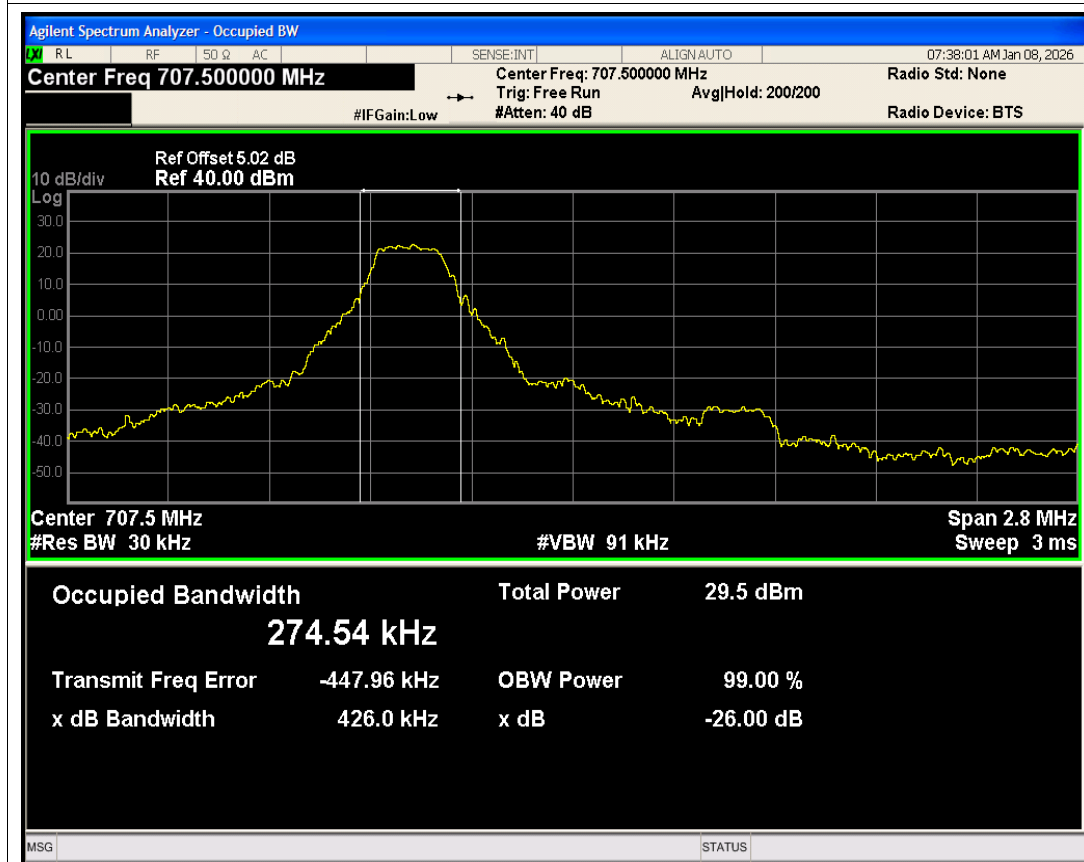
Band12 QPSK BW=5MHz Channel=23095 RB Size=25 Position=#0



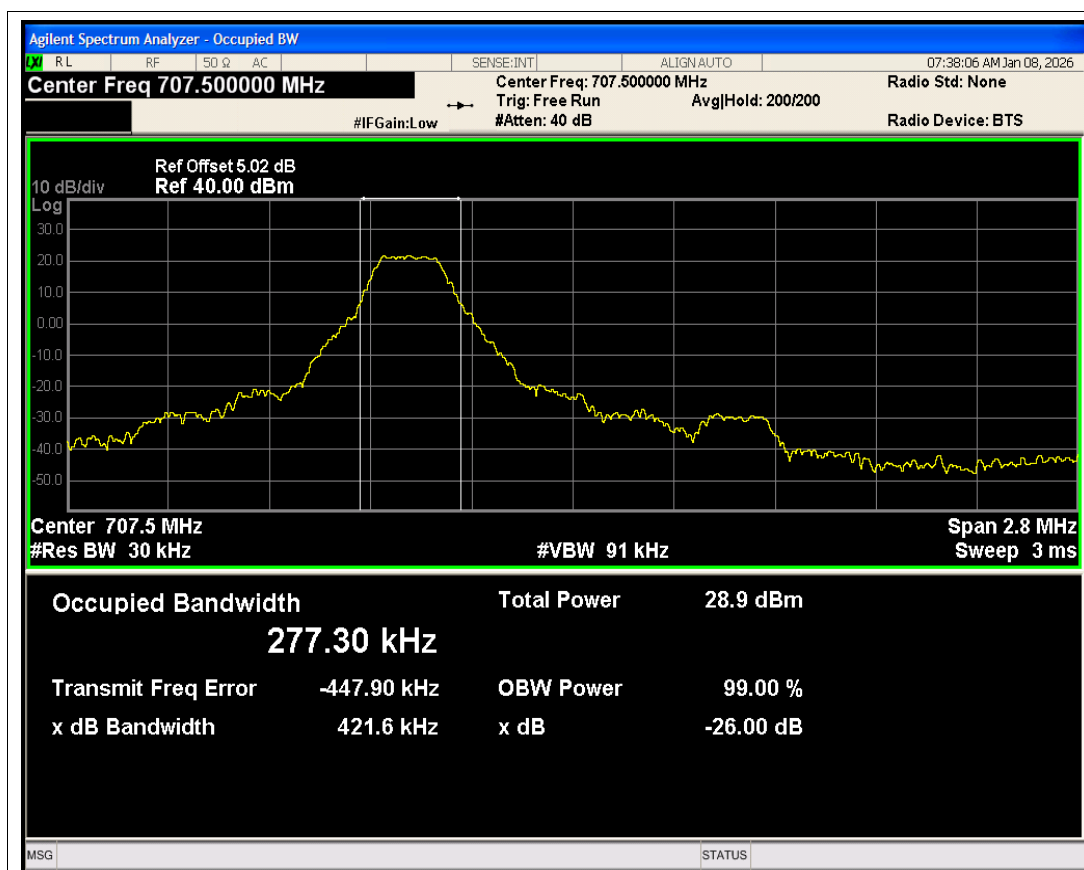
Band12 16QAM BW=5MHz Channel=23095 RB Size=25 Position=#0



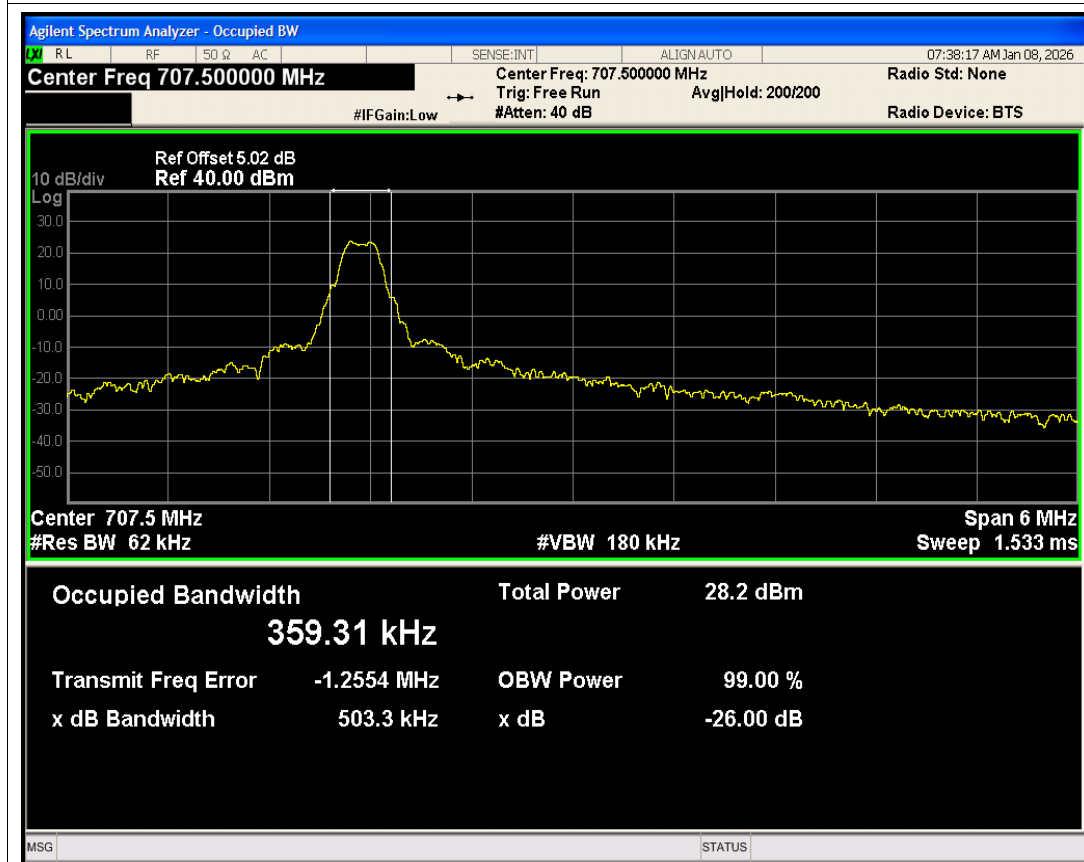
Band12 QPSK BW=10MHz Channel=23095 RB Size=50 Position=#0



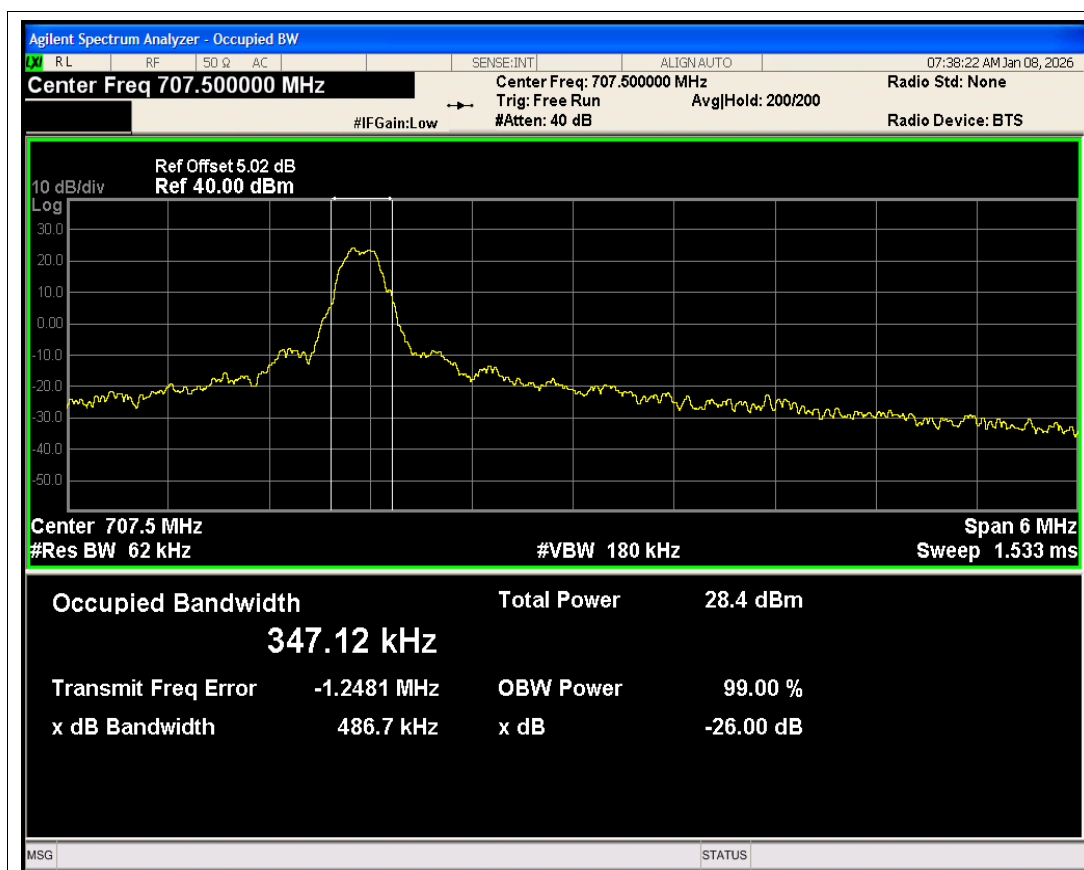
Band12 QPSK BW=1.4MHz Channel=23095 RB Size=1 Position=#0



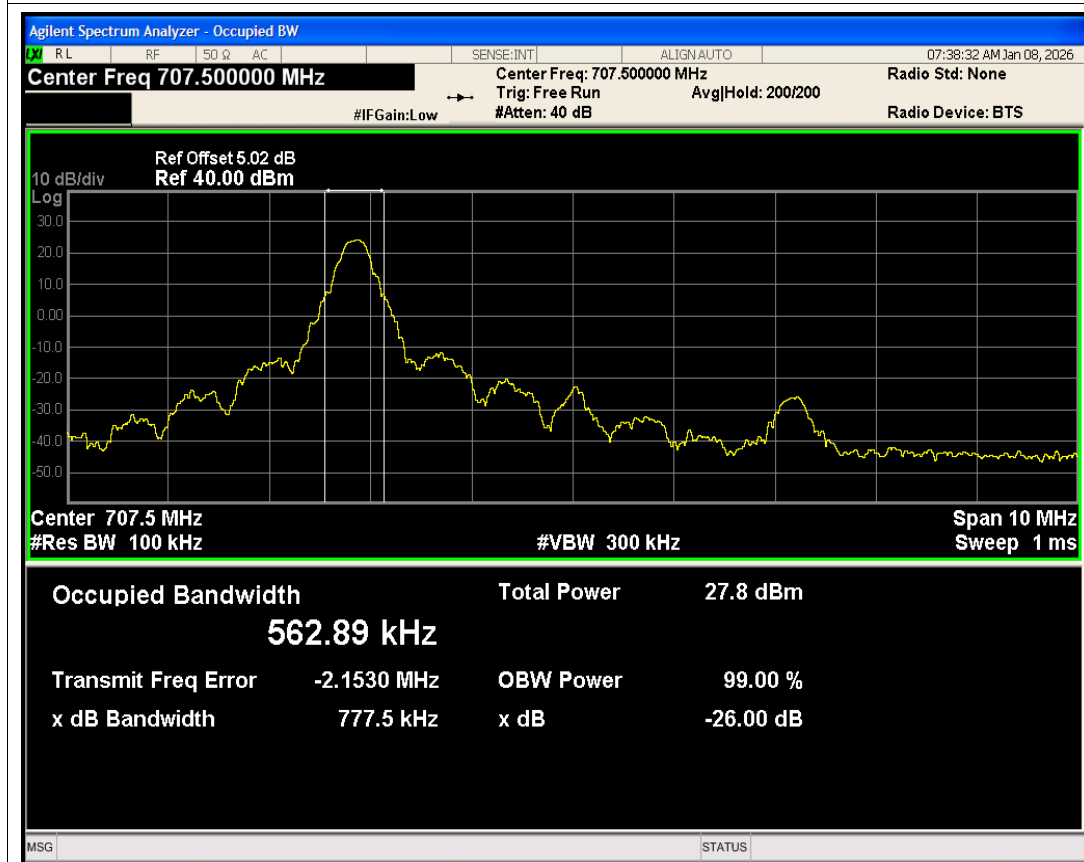
Band12 16QAM BW=1.4MHz Channel=23095 RB Size=1 Position=#0



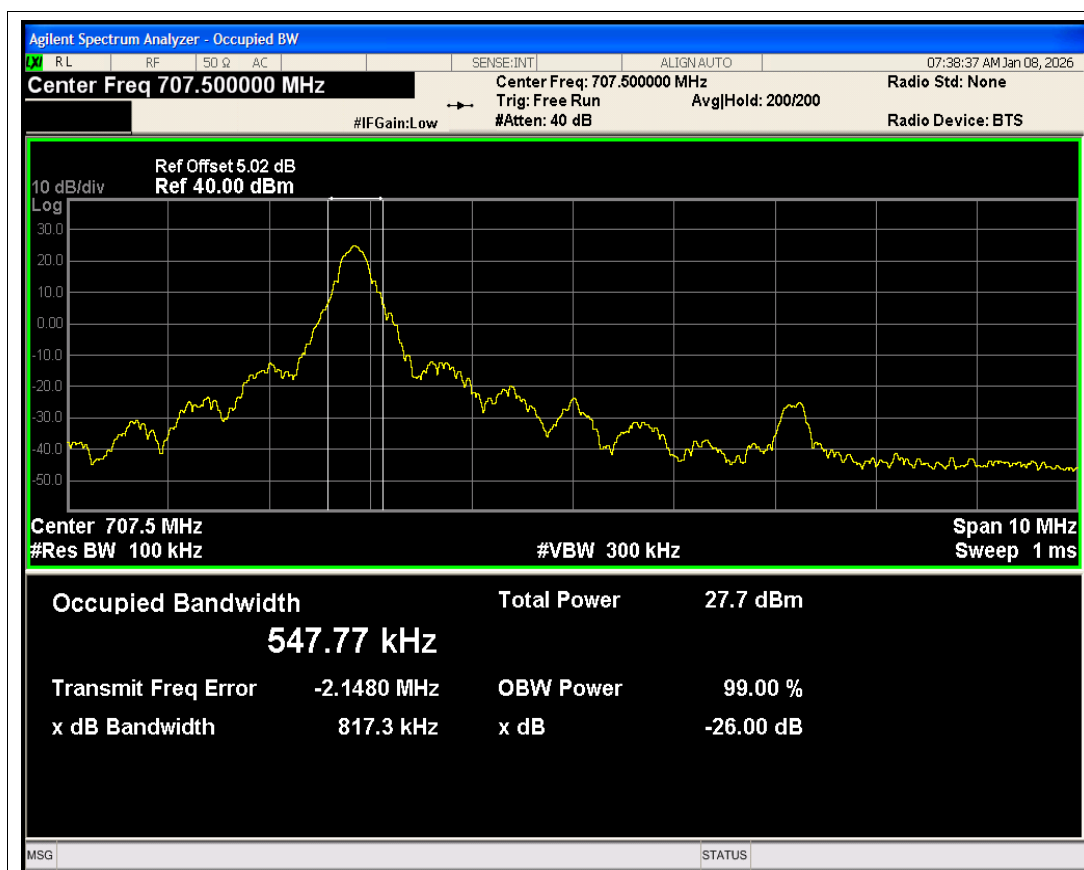
Band12 QPSK BW=3MHz Channel=23095 RB Size=1 Position=#0



Band12 16QAM BW=3MHz Channel=23095 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



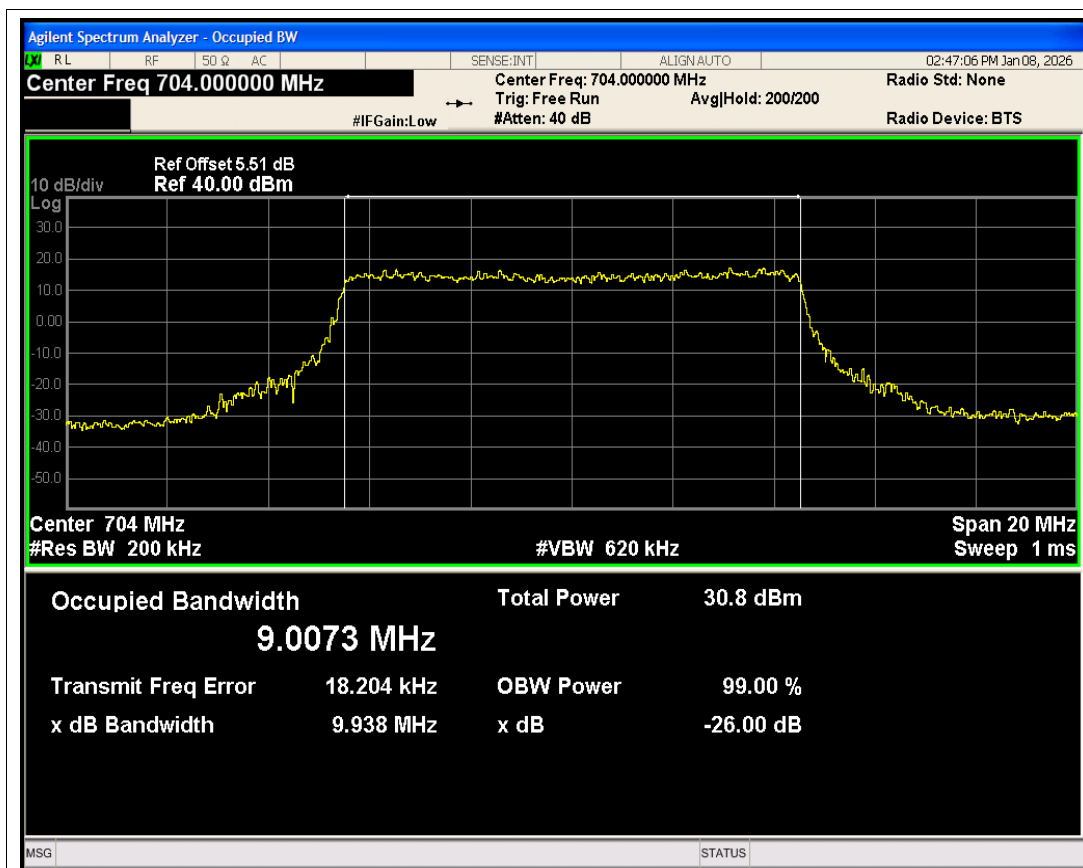
Band12 QPSK BW=10MHz Channel=23095 RB Size=1 Position=#0



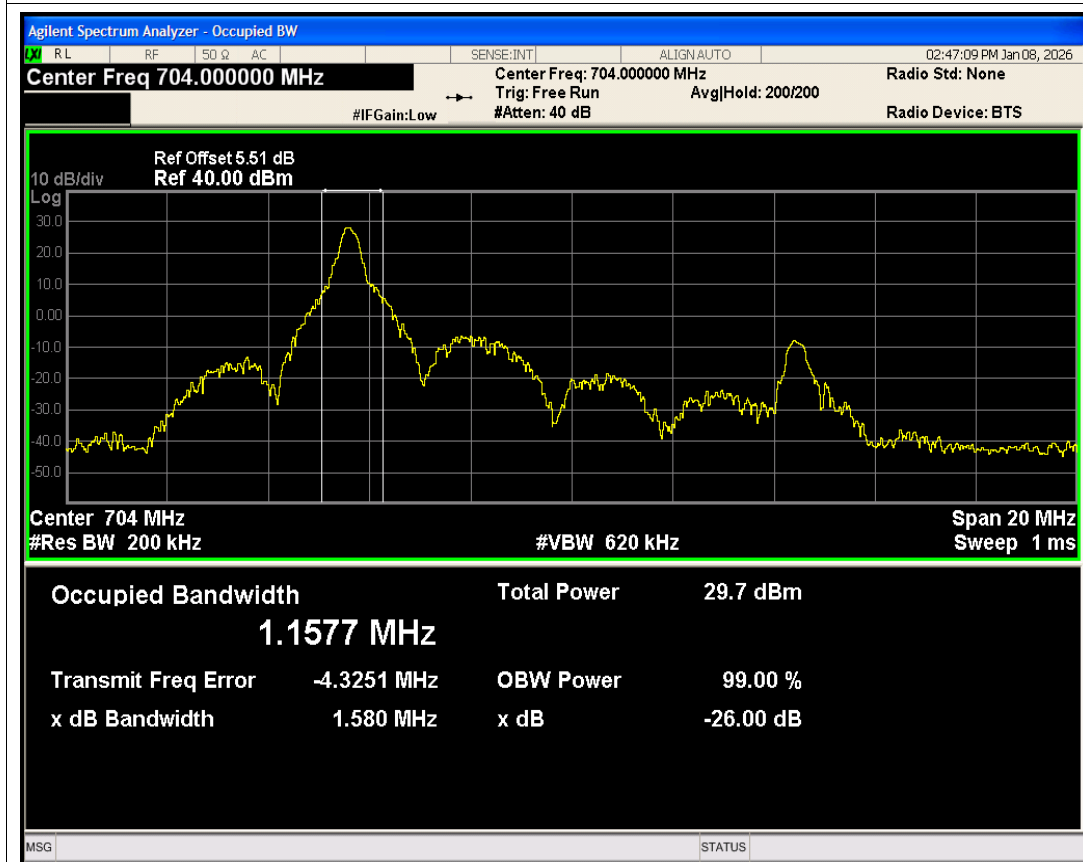
Band12 16QAM BW=10MHz Channel=23095 RB Size=1 Position=#0



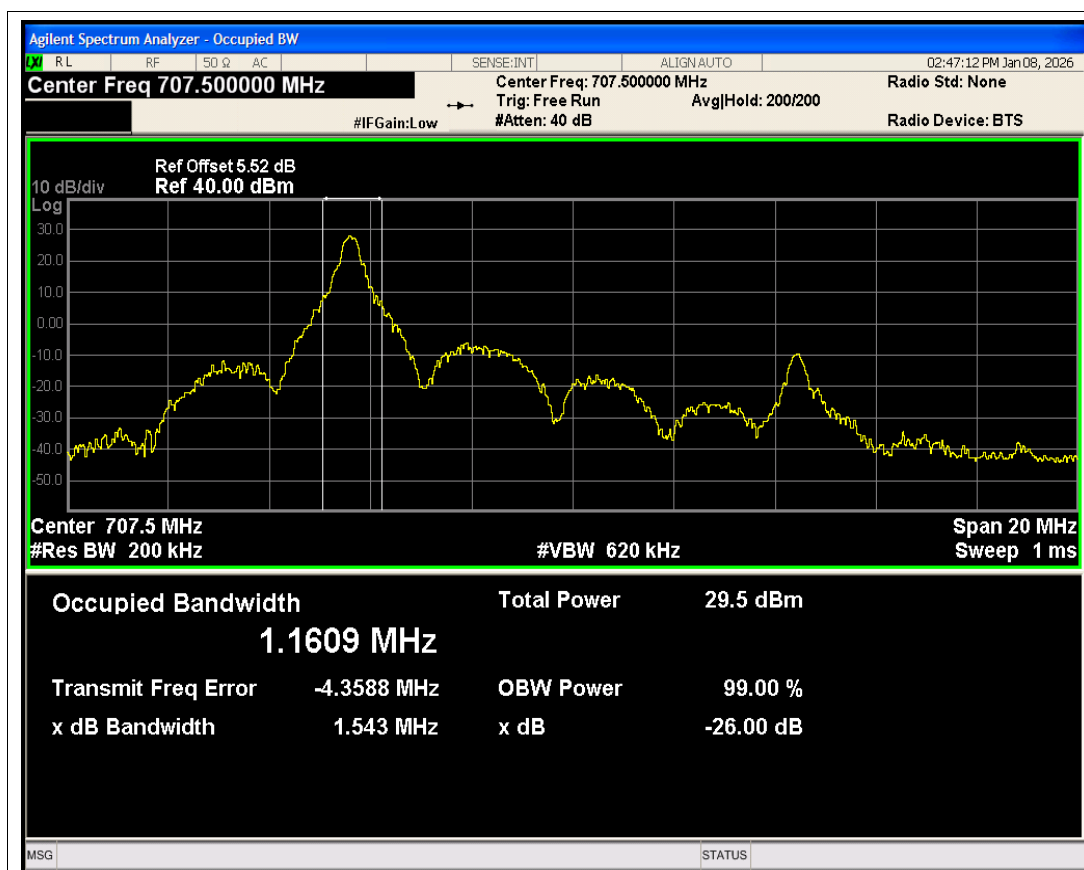
Band12 QPSK BW=10MHz Channel=23060 RB Size=1 Position=#0



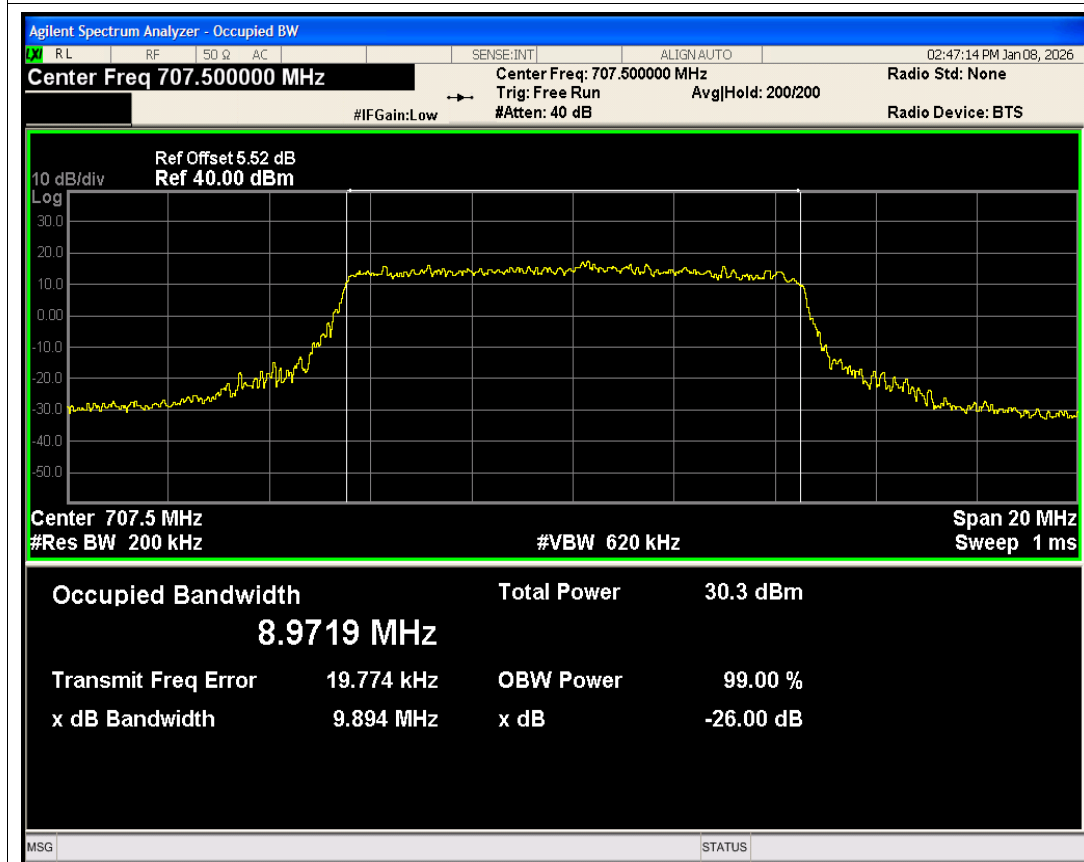
Band12 QPSK BW=10MHz Channel=23060 RB Size=50 Position=#0



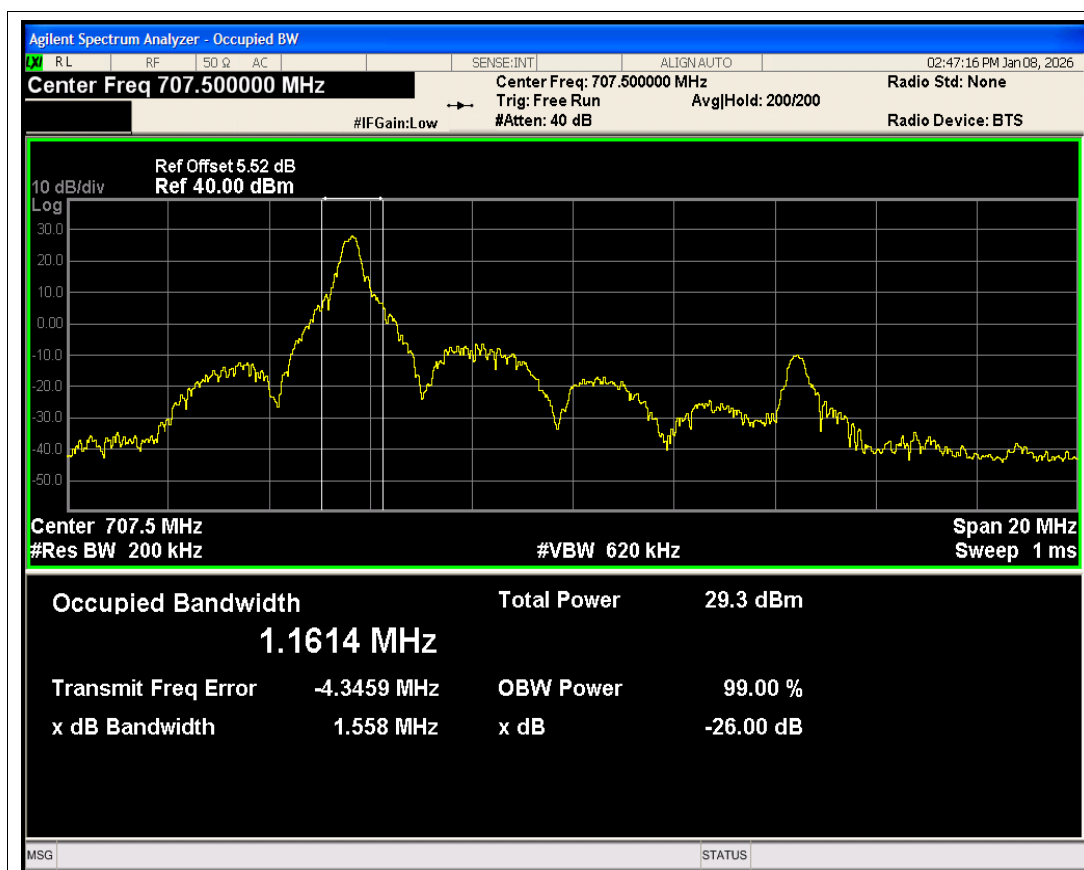
Band12 16QAM BW=10MHz Channel=23060 RB Size=1 Position=#0



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



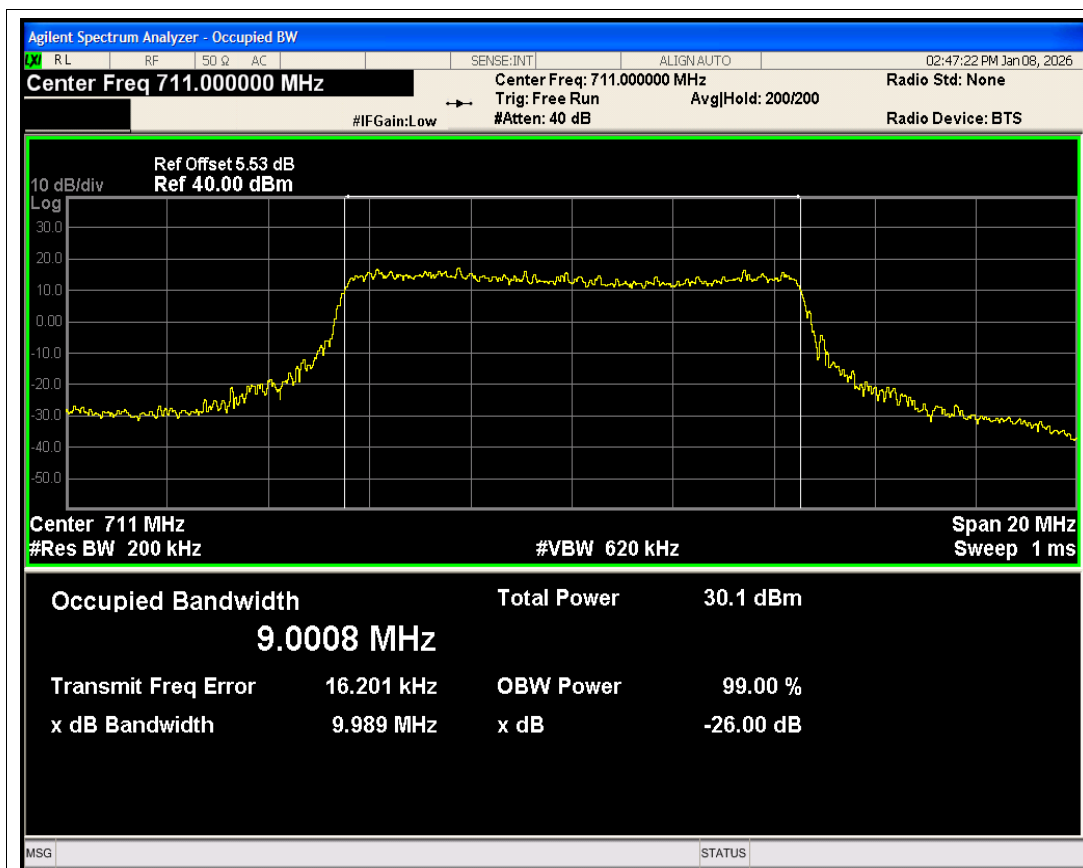
Band12 QPSK BW=10MHz Channel=23095 RB Size=50 Position=#0



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



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



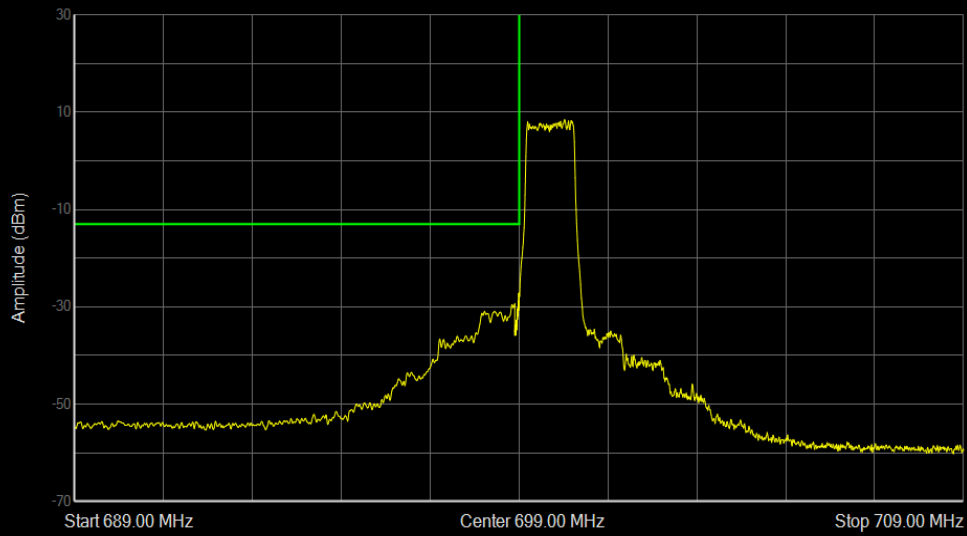
Band12 QPSK BW=10MHz Channel=23130 RB Size=50 Position=#0



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

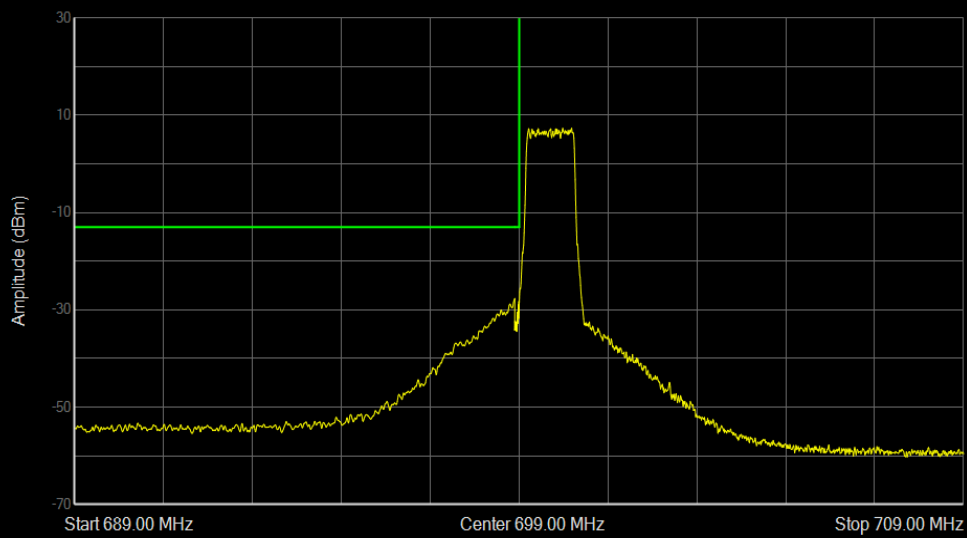
Appendix 5.Band edge

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	699.00	-27.11	-13	PASS
Band12	1.4	23017	6	#0	16QAM	698.90	-27.66	-13	PASS
Band12	1.4	23173	6	#0	QPSK	716.00	-26.78	-13	PASS
Band12	1.4	23173	6	#0	16QAM	716.12	-27.36	-13	PASS
Band12	3	23025	15	#0	QPSK	698.74	-27.03	-13	PASS
Band12	3	23025	15	#0	16QAM	698.77	-26.72	-13	PASS
Band12	3	23165	15	#0	QPSK	716.13	-27.42	-13	PASS
Band12	3	23165	15	#0	16QAM	716.11	-26.46	-13	PASS
Band12	5	23035	25	#0	QPSK	699.00	-29.56	-13	PASS
Band12	5	23035	25	#0	16QAM	698.90	-31.24	-13	PASS
Band12	5	23155	25	#0	QPSK	716.00	-29.36	-13	PASS
Band12	5	23155	25	#0	16QAM	716.13	-30.26	-13	PASS
Band12	10	23060	50	#0	QPSK	698.90	-31.27	-13	PASS
Band12	10	23130	50	#0	QPSK	716.11	-30.11	-13	PASS
Band12	10	23060	1	#0	QPSK	698.88	-18.79	-13	PASS
Band12	10	23060	50	#0	QPSK	698.84	-31.38	-13	PASS
Band12	10	23060	1	#0	16QAM	698.85	-18.27	-13	PASS
Band12	10	23130	1	#0	QPSK	716.20	-47.46	-13	PASS
Band12	10	23130	50	#0	QPSK	716.12	-30.82	-13	PASS
Band12	10	23130	1	#0	16QAM	716.34	-47.97	-13	PASS



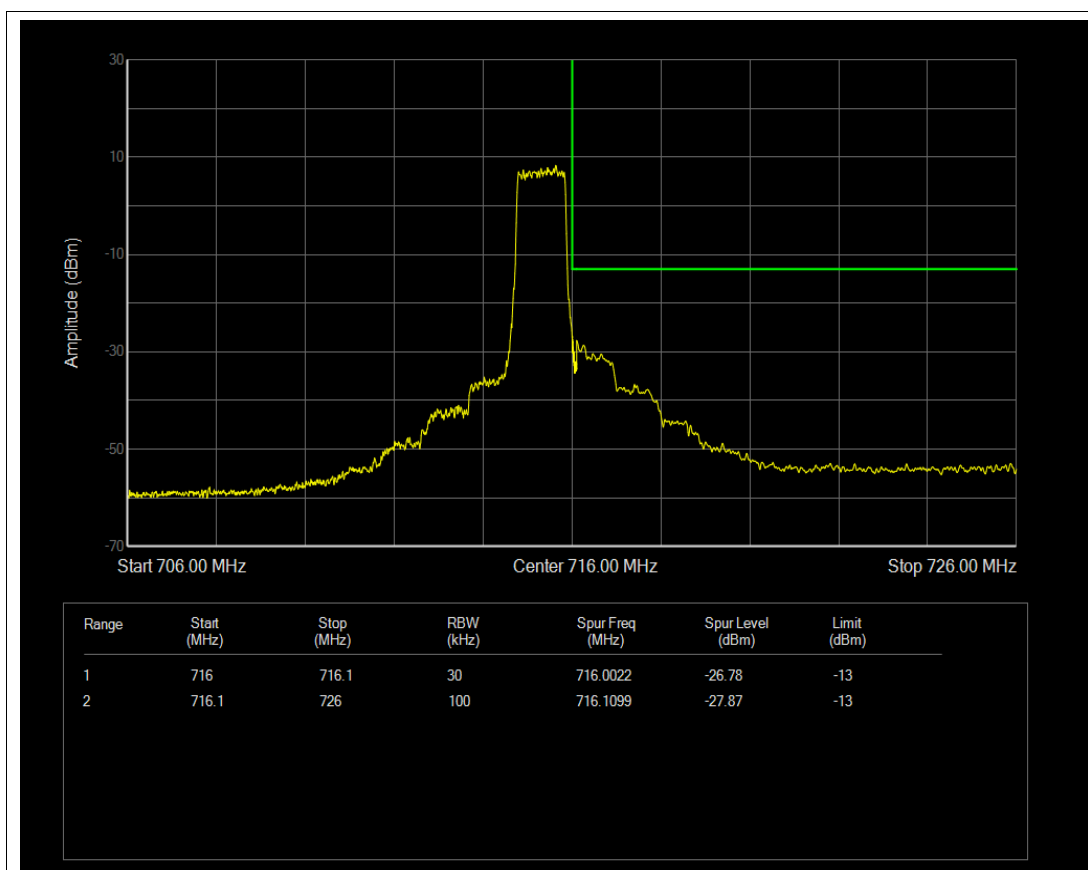
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	689	698.9	100	698.9	-29.36	-13
2	698.9	699	30	698.9998	-27.11	-13

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

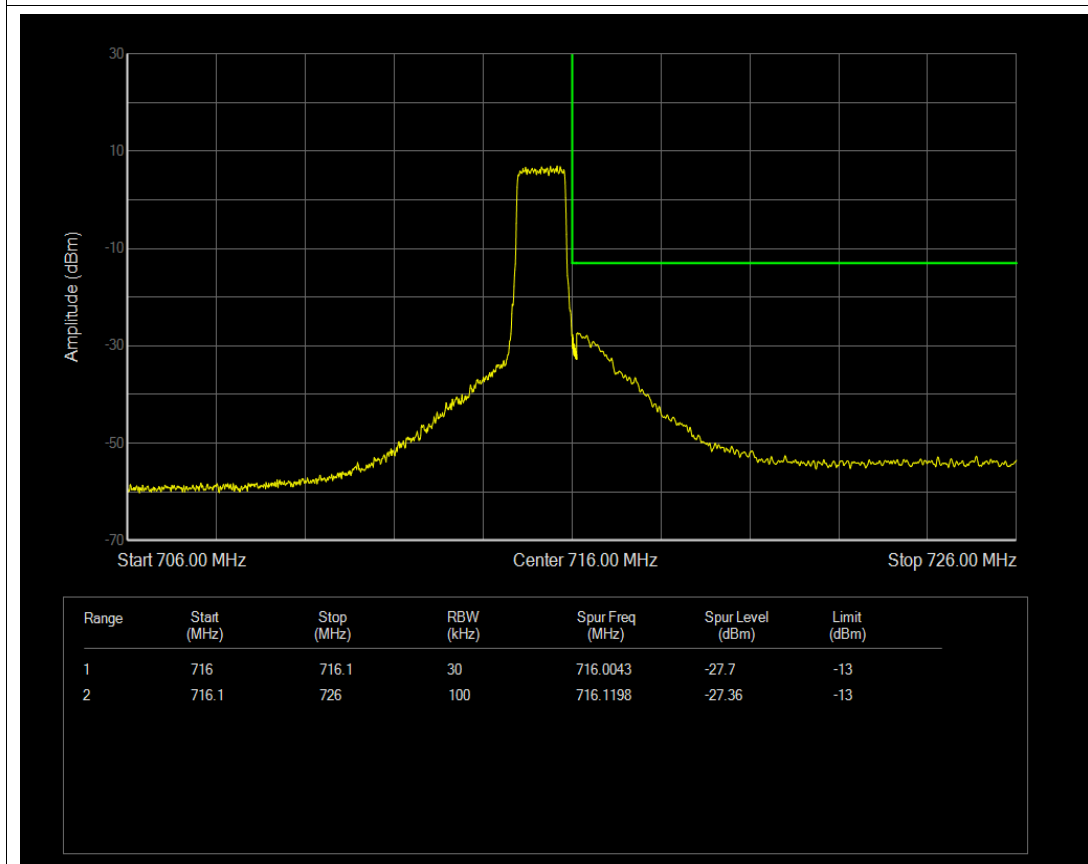


Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	689	698.9	100	698.9	-27.66	-13
2	698.9	699	30	698.9944	-28.27	-13

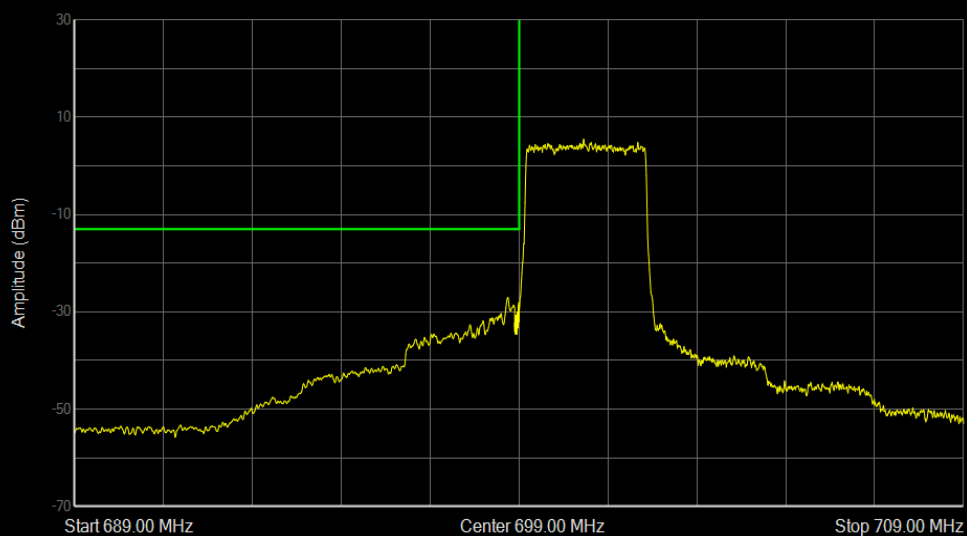
Band12 16QAM BW=1.4MHz Channel=23017 RB Size=6 Position=#0



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

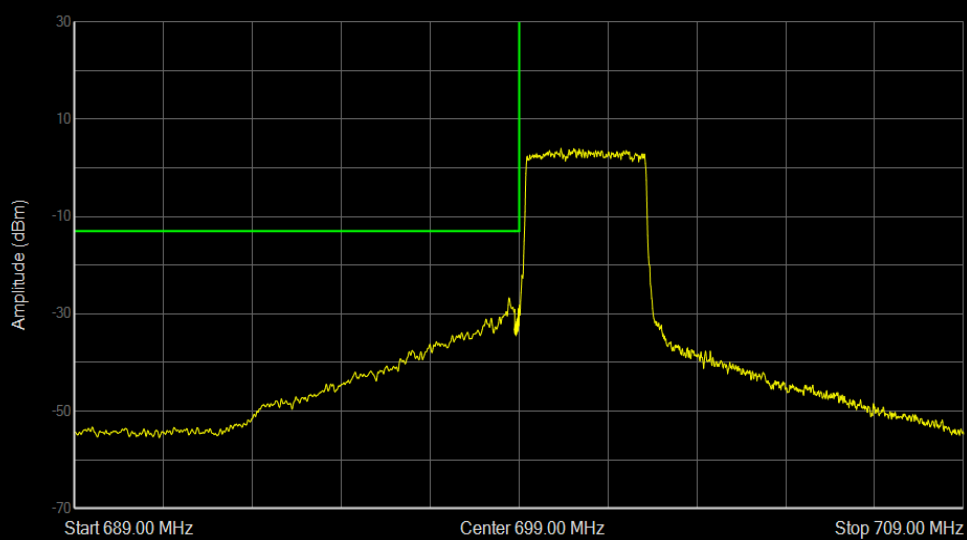


Band12 16QAM BW=1.4MHz Channel=23173 RB Size=6 Position=#0



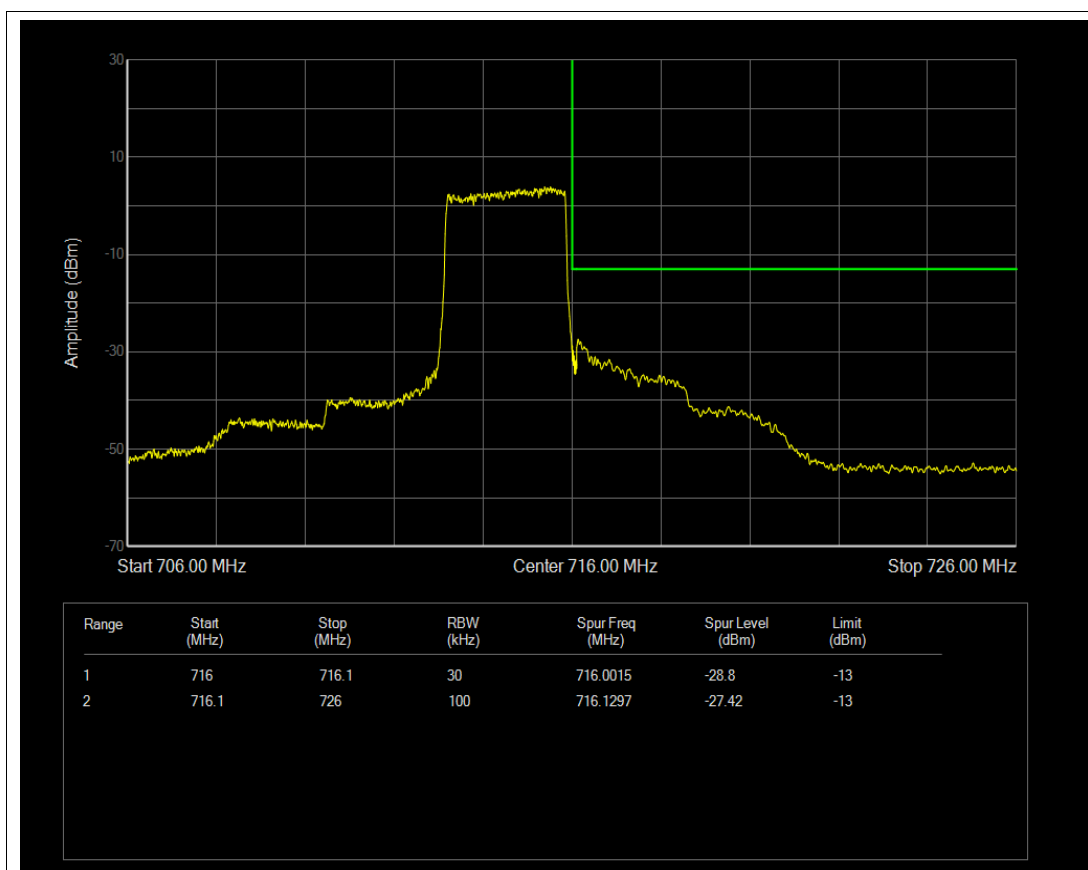
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	689	698.9	100	698.7416	-27.03	-13
2	698.9	699	30	698.9942	-28.11	-13

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

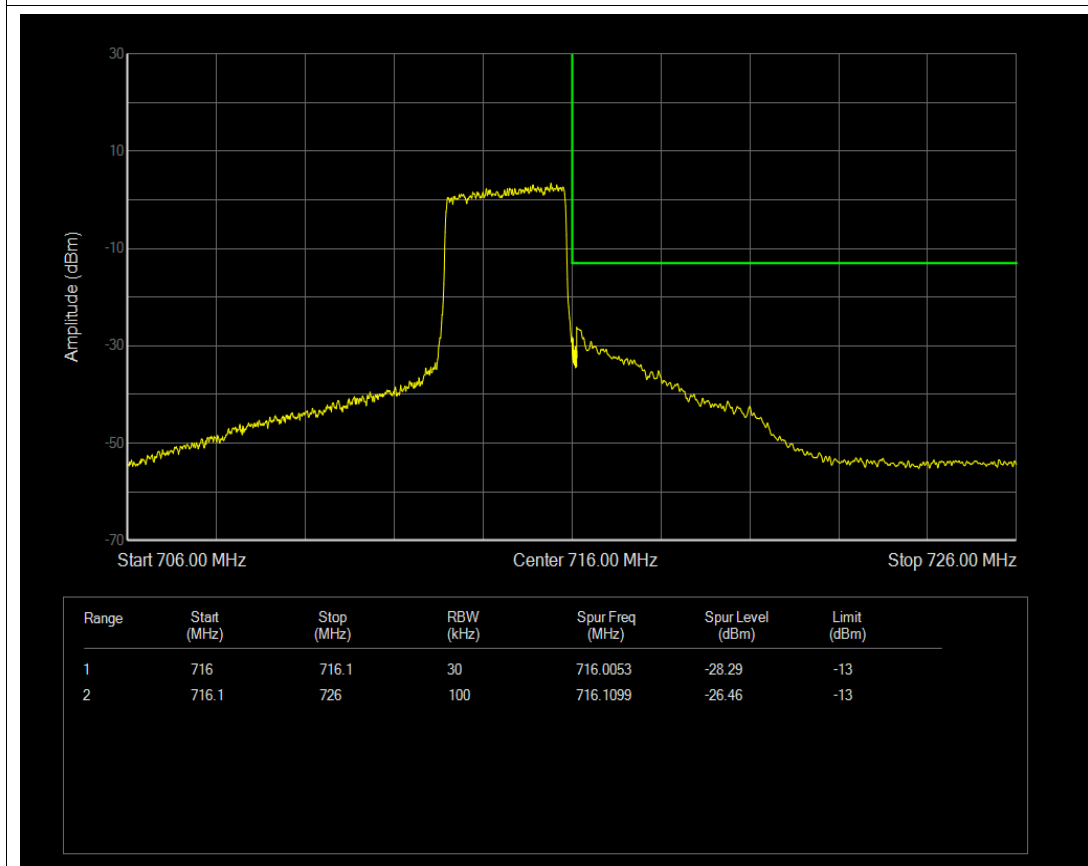


Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	689	698.9	100	698.7713	-26.72	-13
2	698.9	699	30	699	-28.22	-13

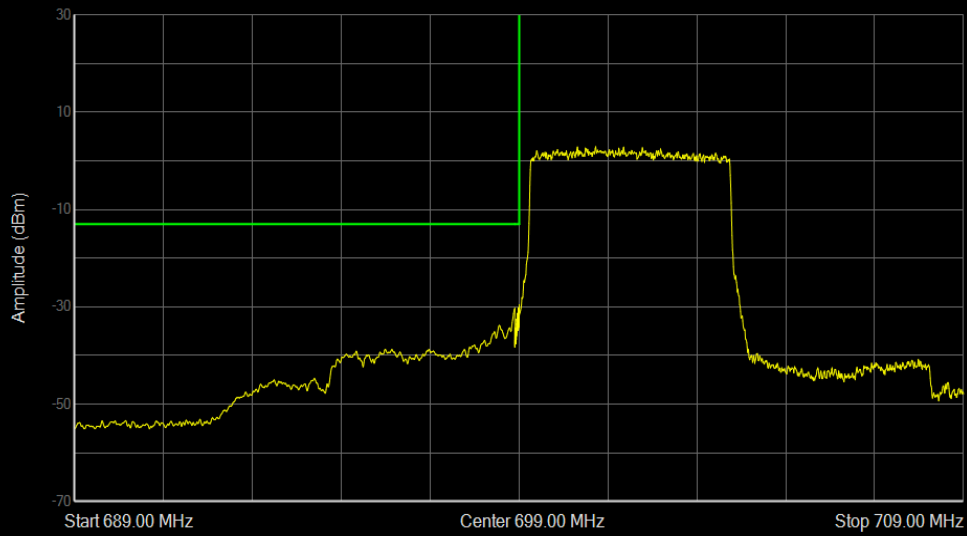
Band12 16QAM BW=3MHz Channel=23025 RB Size=15 Position=#0



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

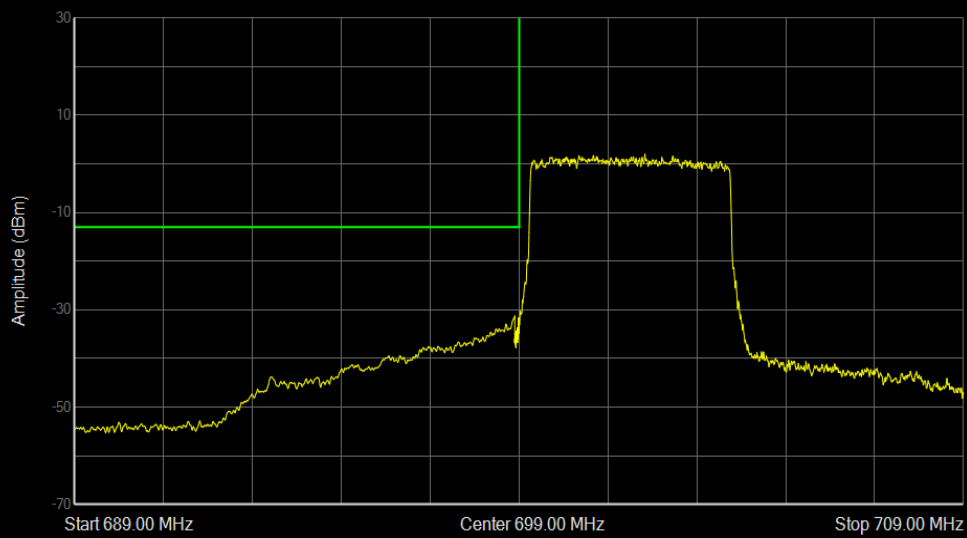


Band12 16QAM BW=3MHz Channel=23165 RB Size=15 Position=#0



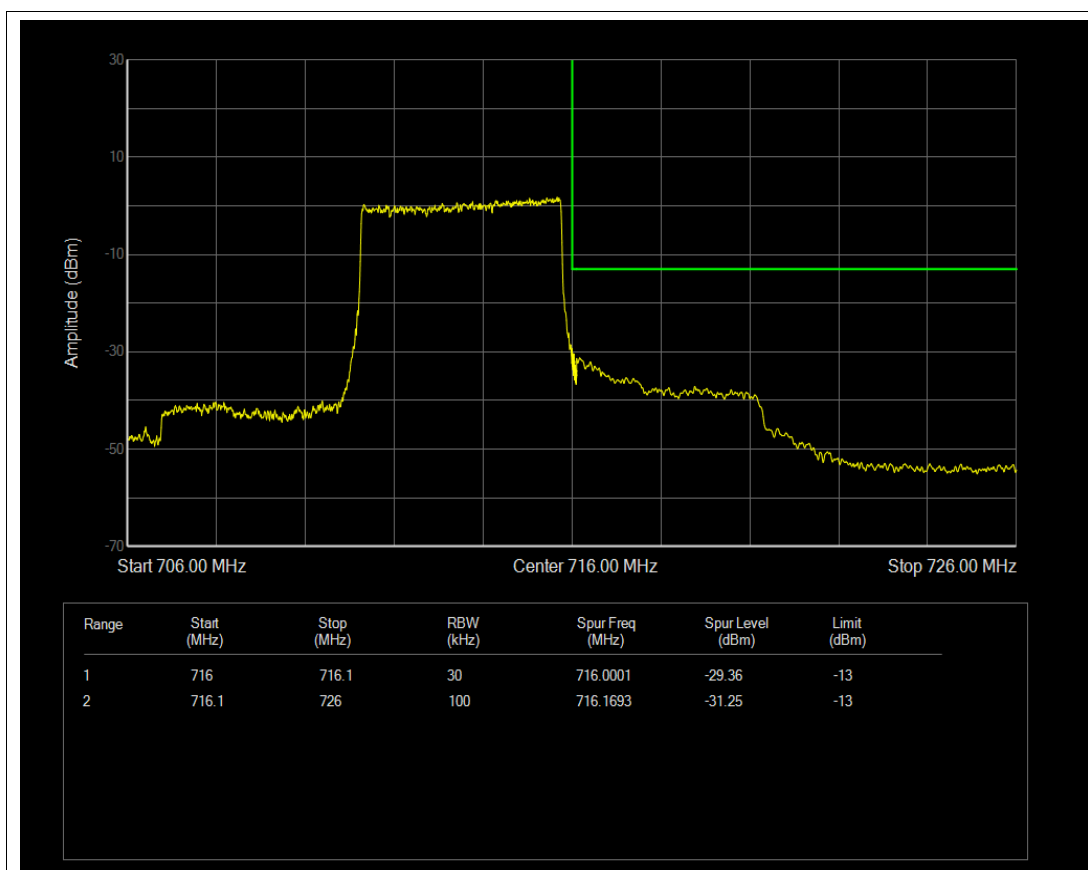
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	689	698.9	100	698.9	-30.3	-13
2	698.9	699	30	699	-29.56	-13

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

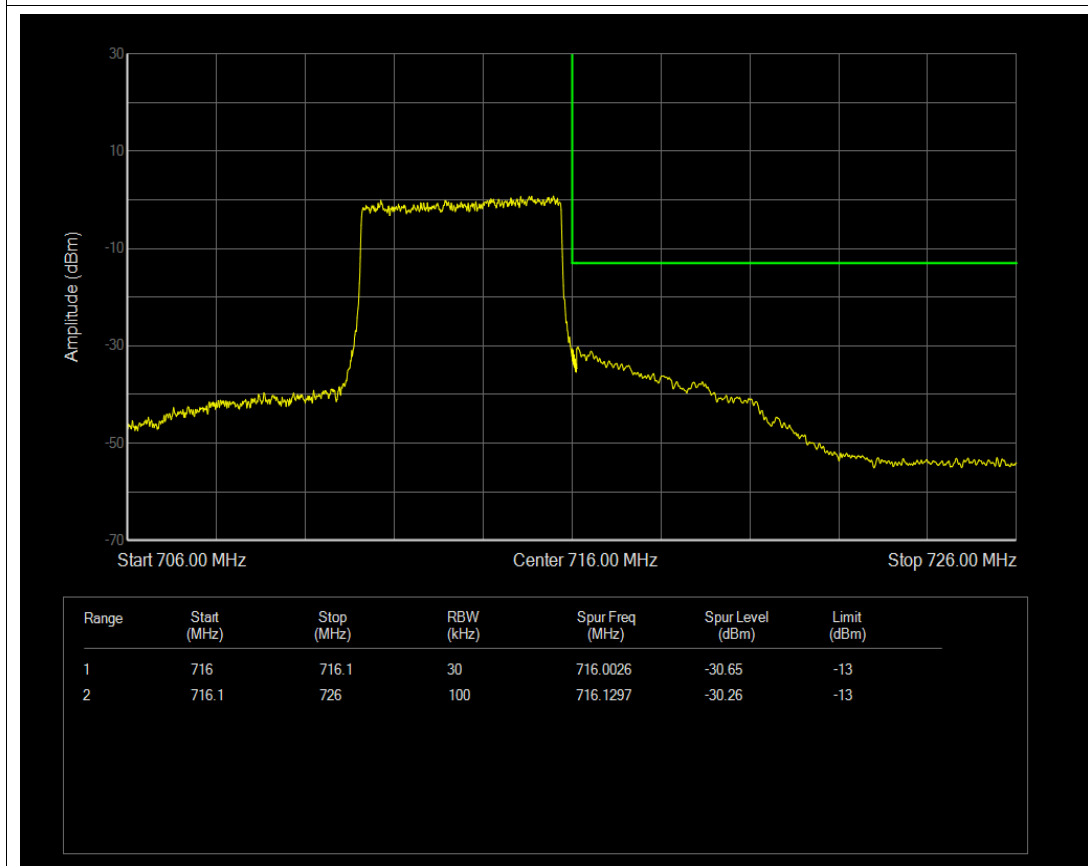


Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	689	698.9	100	698.9	-31.24	-13
2	698.9	699	30	698.9996	-31.65	-13

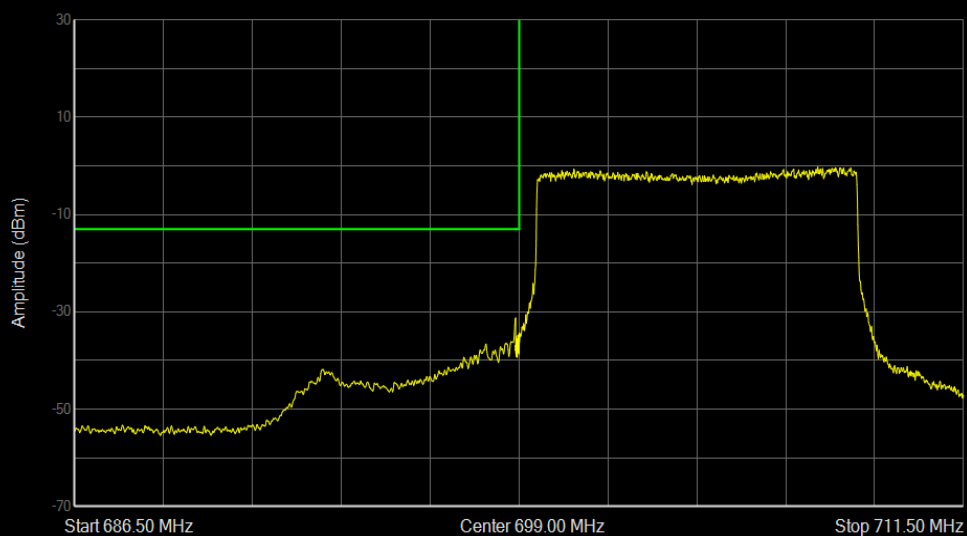
Band12 16QAM BW=5MHz Channel=23035 RB Size=25 Position=#0



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

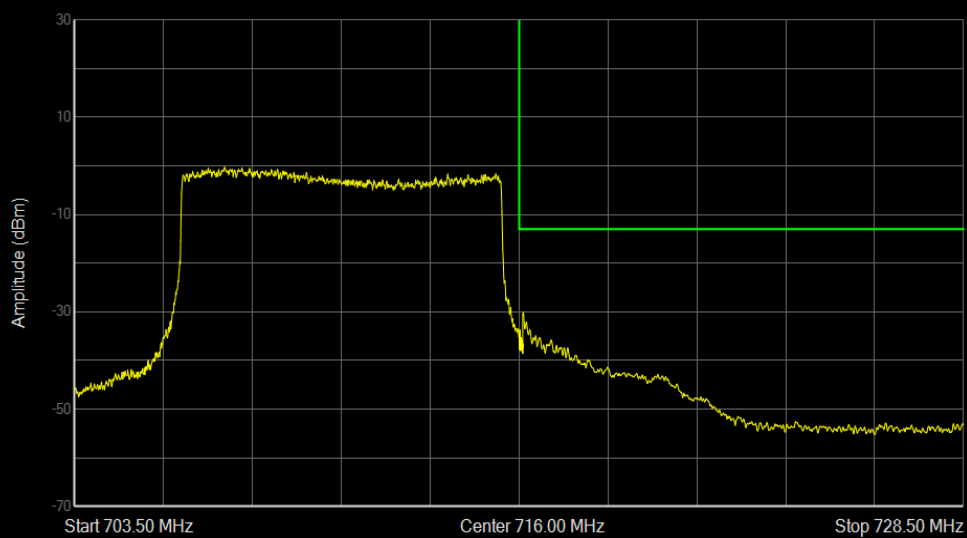


Band12 16QAM BW=5MHz Channel=23155 RB Size=25 Position=#0



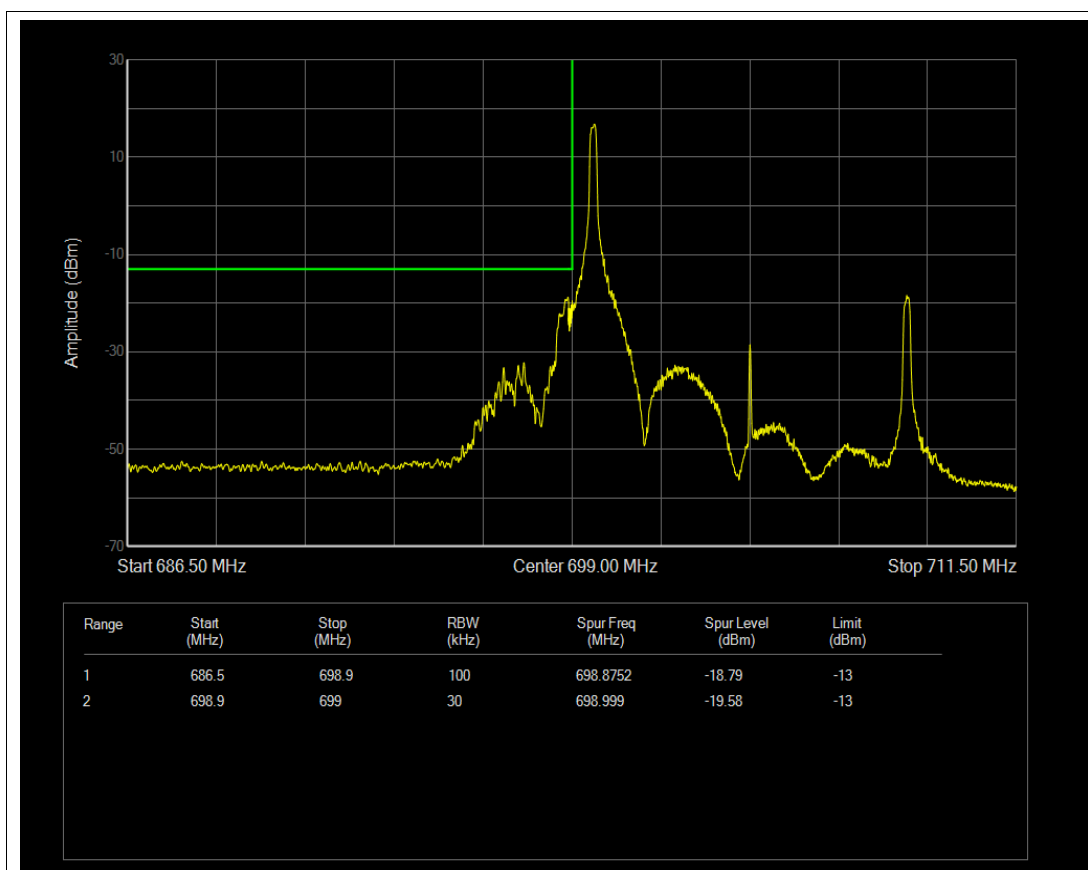
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	686.5	698.9	100	698.9	-31.27	-13
2	698.9	699	30	698.9968	-34.43	-13

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

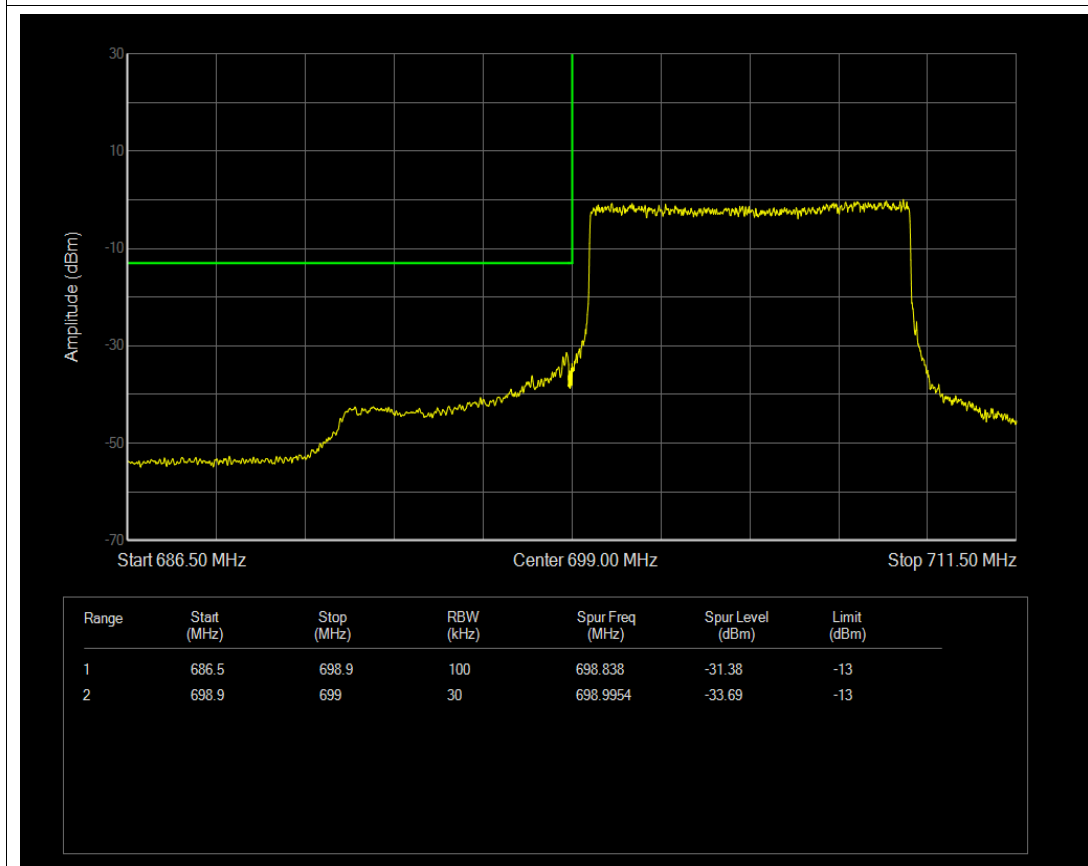


Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	716	716.1	30	716.0189	-33.77	-13
2	716.1	728.5	100	716.1124	-30.11	-13

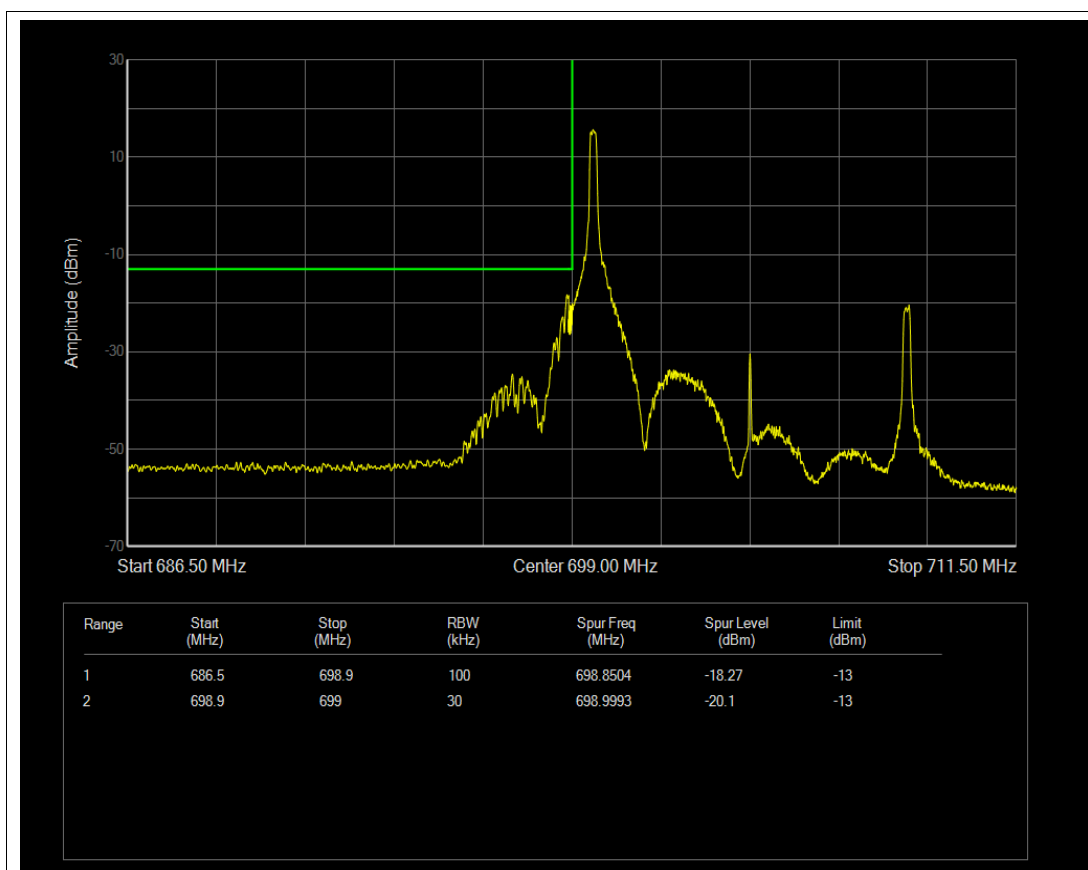
Band12 QPSK BW=10MHz Channel=23130 RB Size=50 Position=#0



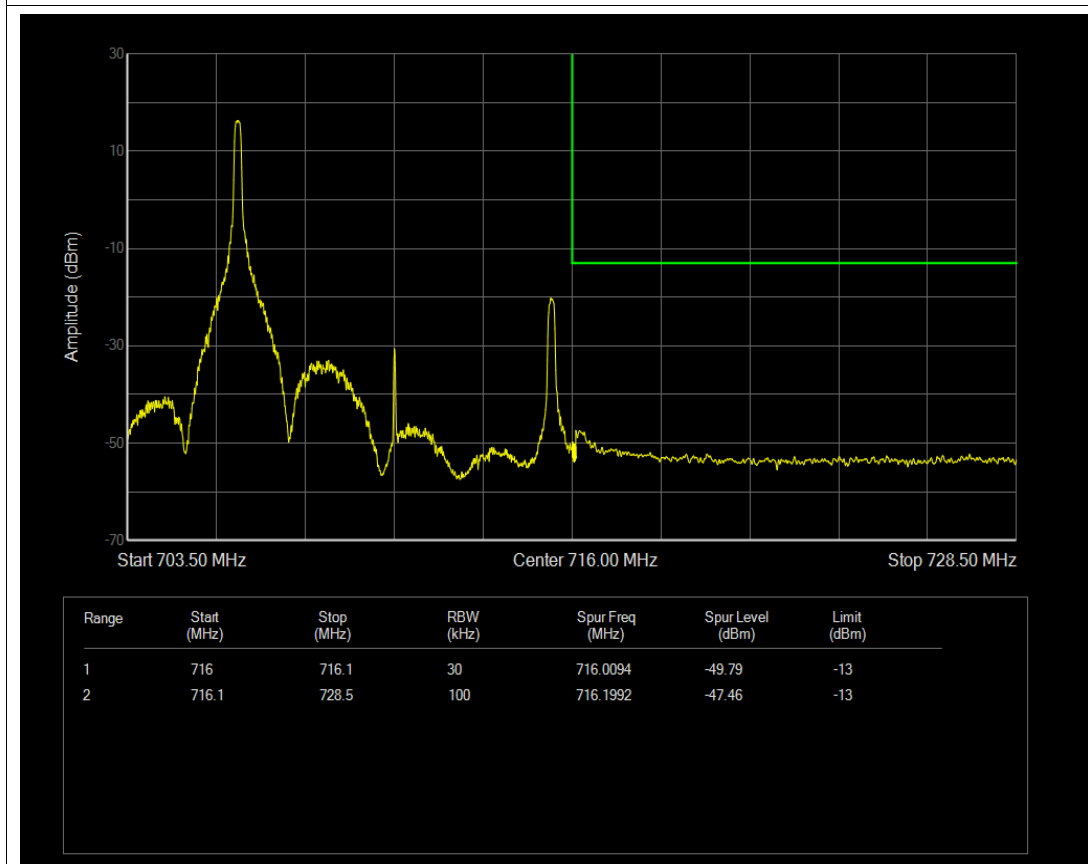
Band12 QPSK BW=10MHz Channel=23060 RB Size=1 Position=#0



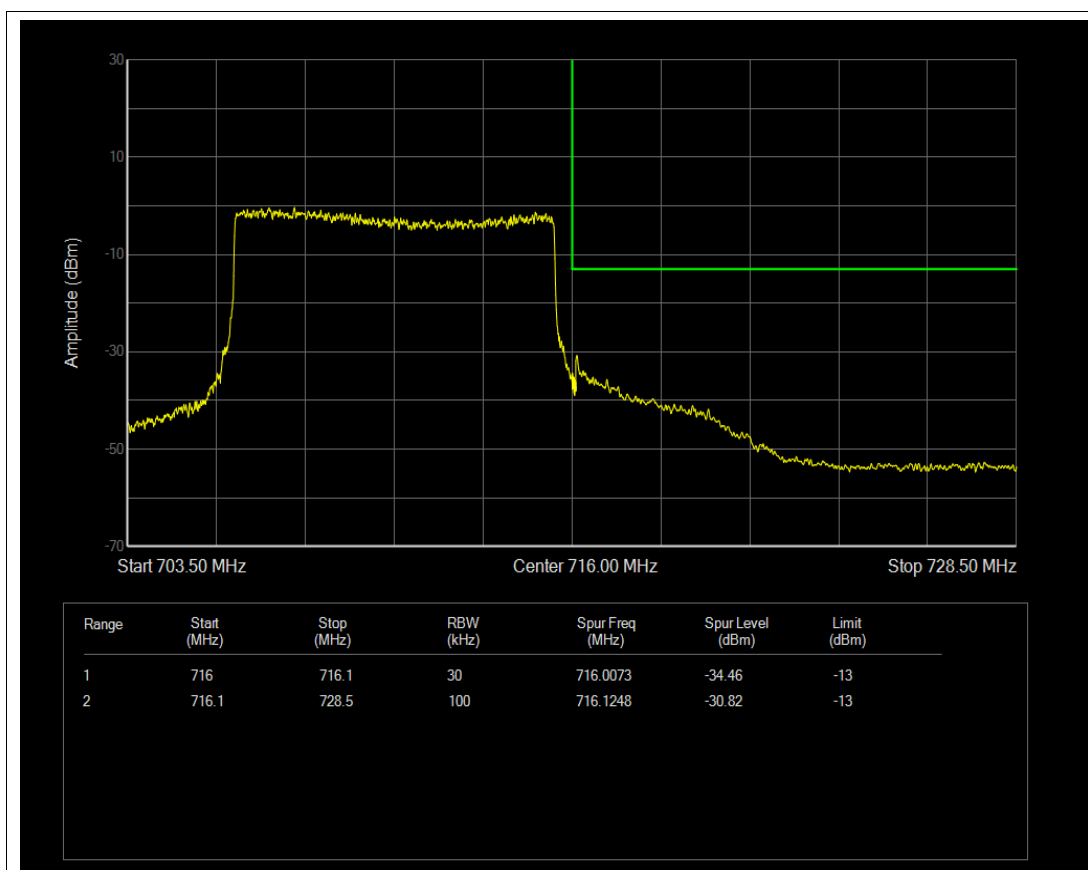
Band12 QPSK BW=10MHz Channel=23060 RB Size=50 Position=#0



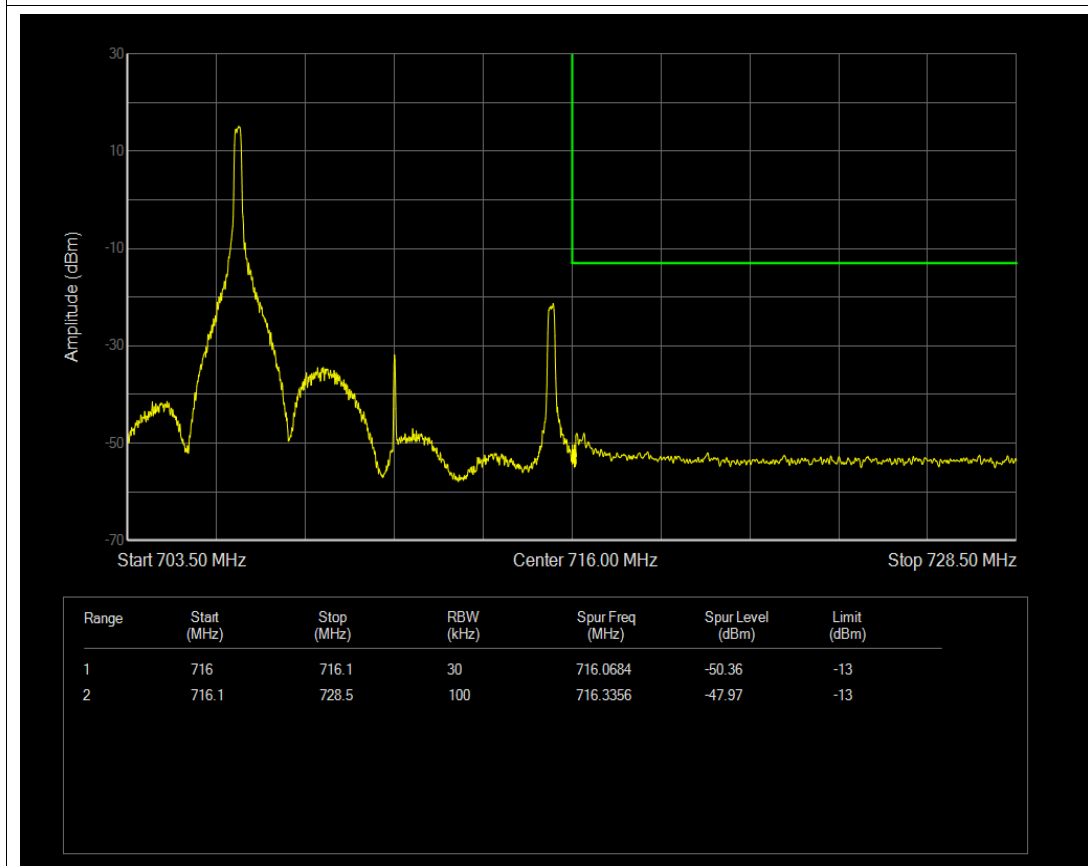
Band12 16QAM BW=10MHz Channel=23060 RB Size=1 Position=#0



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



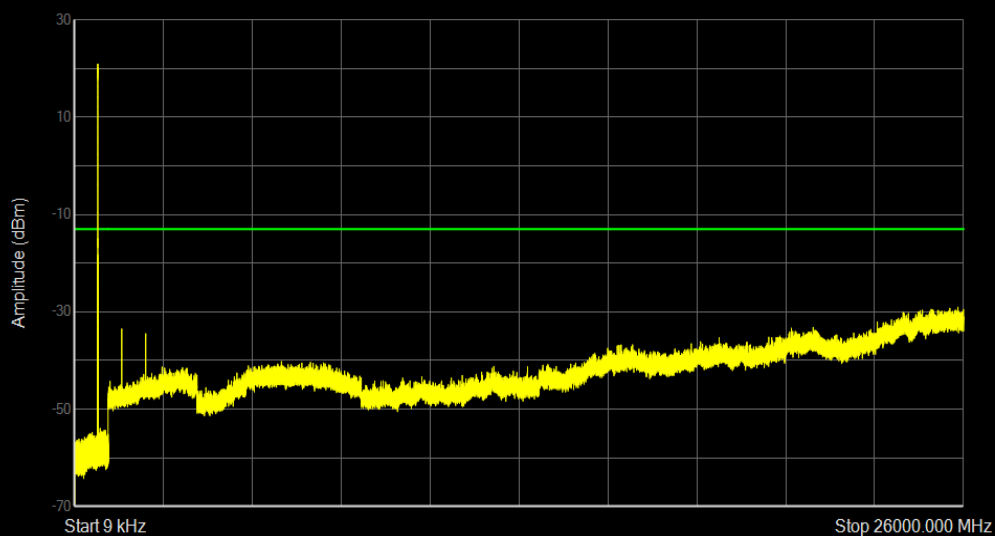
Band12 QPSK BW=10MHz Channel=23130 RB Size=50 Position=#0



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

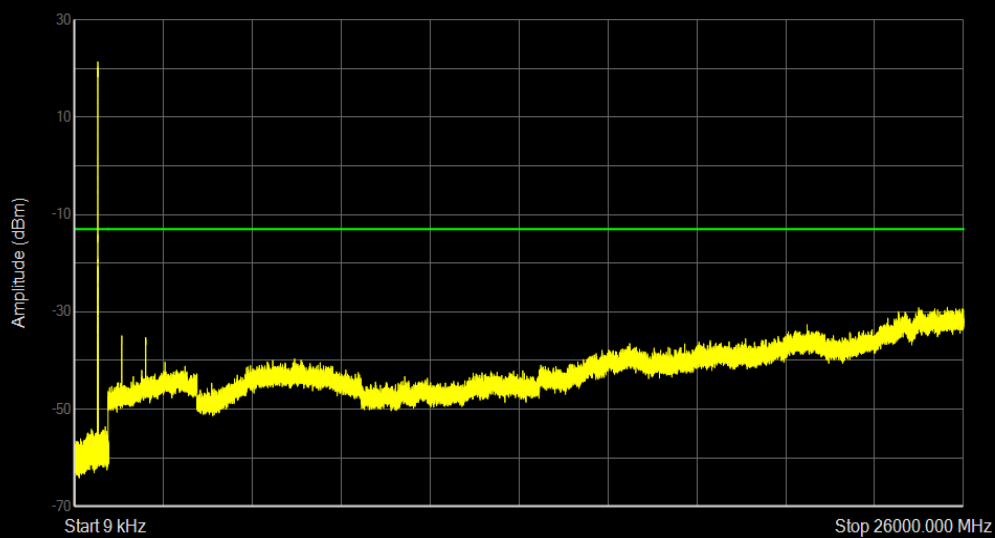
Appendix 6.Out-of-band emissions

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	25835.00	-29.04	-13	PASS
Band12	1.4	23017	6	#0	16QAM	25526.25	-29.05	-13	PASS
Band12	1.4	23173	6	#0	QPSK	25995.00	-29.03	-13	PASS
Band12	1.4	23173	6	#0	16QAM	25614.38	-27.30	-13	PASS
Band12	3	23025	15	#0	QPSK	25545.00	-28.55	-13	PASS
Band12	3	23025	15	#0	16QAM	25763.13	-28.39	-13	PASS
Band12	3	23165	15	#0	QPSK	25080.00	-28.34	-13	PASS
Band12	3	23165	15	#0	16QAM	25995.00	-28.47	-13	PASS
Band12	5	23035	25	#0	QPSK	24689.38	-28.85	-13	PASS
Band12	5	23035	25	#0	16QAM	25805.00	-28.35	-13	PASS
Band12	5	23155	25	#0	QPSK	25474.38	-28.53	-13	PASS
Band12	5	23155	25	#0	16QAM	24890.00	-28.60	-13	PASS
Band12	10	23060	50	#0	QPSK	25687.50	-28.31	-13	PASS
Band12	10	23130	50	#0	QPSK	25598.13	-28.52	-13	PASS
Band12	10	23060	50	#0	QPSK	25535.00	-28.23	-13	PASS
Band12	10	23095	50	#0	QPSK	25461.25	-28.34	-13	PASS
Band12	10	23130	50	#0	QPSK	25826.88	-27.95	-13	PASS



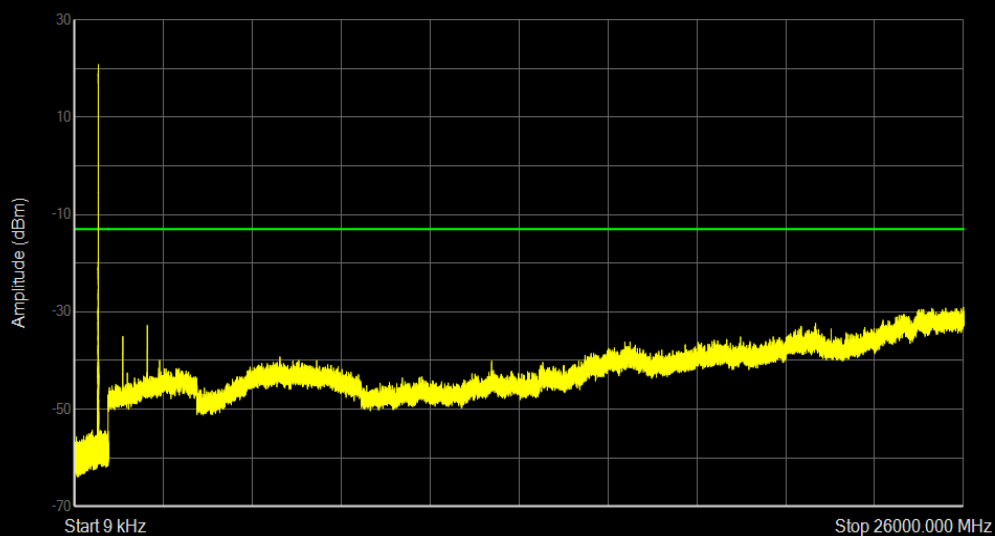
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.115063725	-51.36	-13
2	0.15	30	10	0.15373125	-53.33	-13
3	30	1000	100	770.86175	-53.94	-13
4	1000	26000	1000	25835	-29.04	-13

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



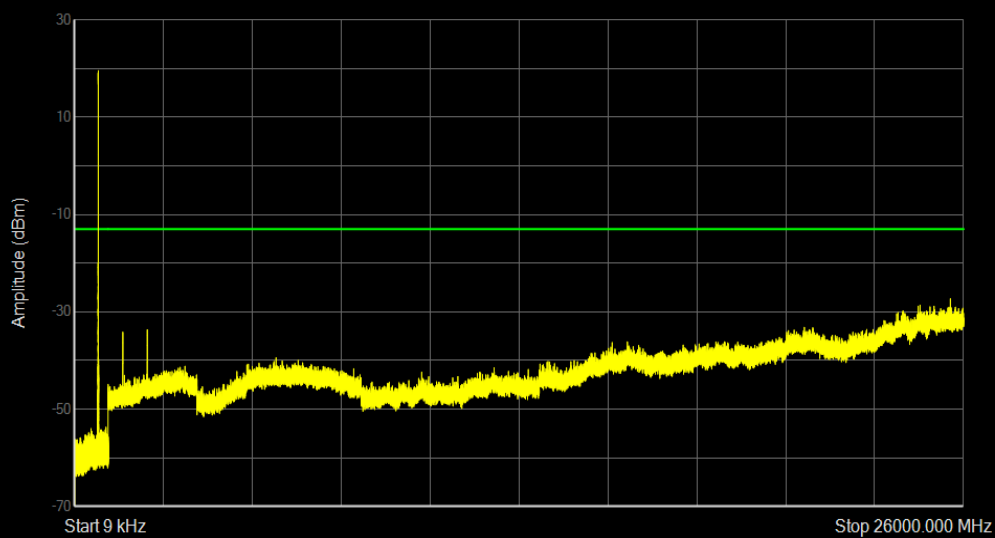
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-50.2	-13
2	0.15	30	10	0.15522375	-54.53	-13
3	30	1000	100	693.286	-52.69	-13
4	1000	26000	1000	25526.25	-29.05	-13

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



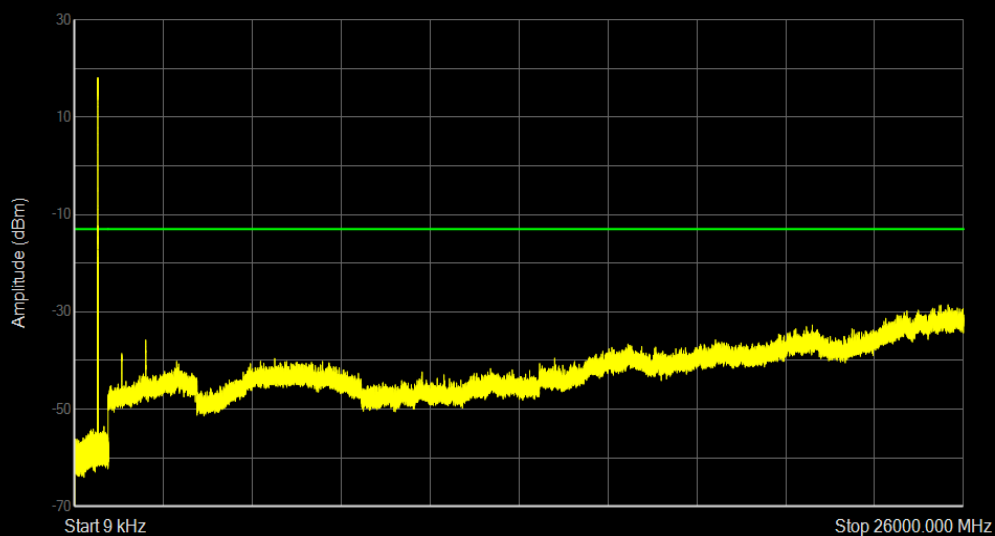
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.11833845	-50.81	-13
2	0.15	30	10	0.16716375	-52.54	-13
3	30	1000	100	723.86525	-54.36	-13
4	1000	26000	1000	25995	-29.03	-13

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



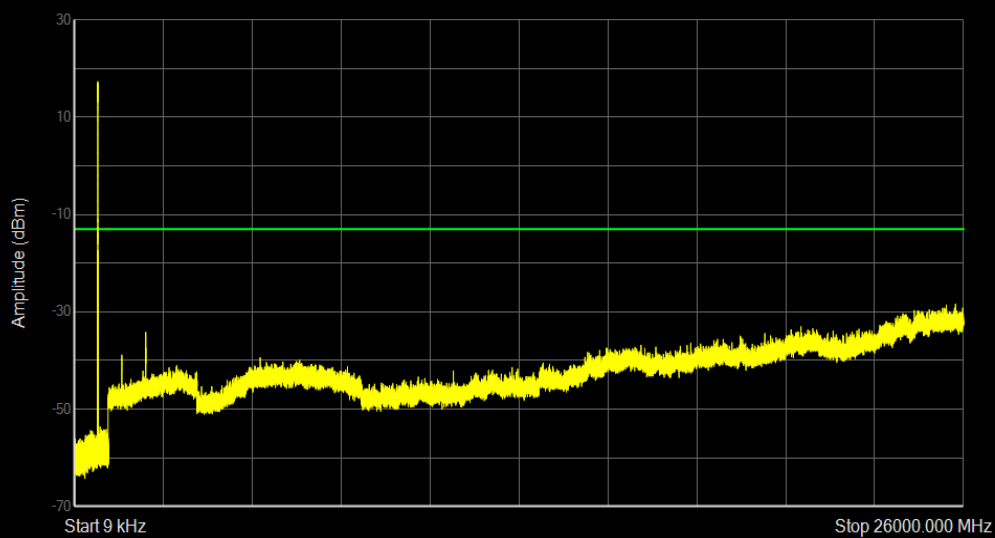
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.1144116	-51.11	-13
2	0.15	30	10	6.28342875	-53.58	-13
3	30	1000	100	938.52625	-53.71	-13
4	1000	26000	1000	25614.375	-27.3	-13

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



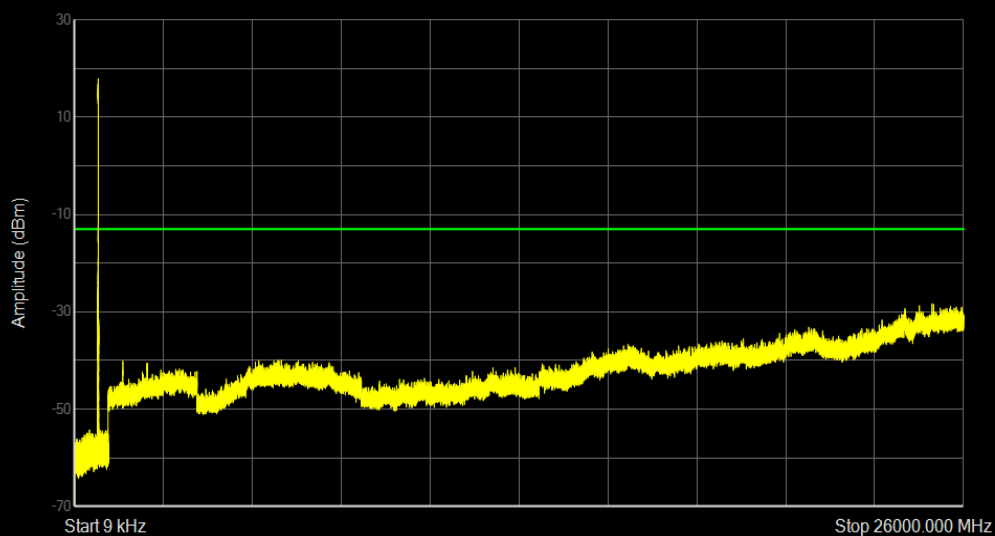
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0098319	-50.96	-13
2	0.15	30	10	0.17761125	-52.71	-13
3	30	1000	100	880.6415	-53.56	-13
4	1000	26000	1000	25545	-28.55	-13

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



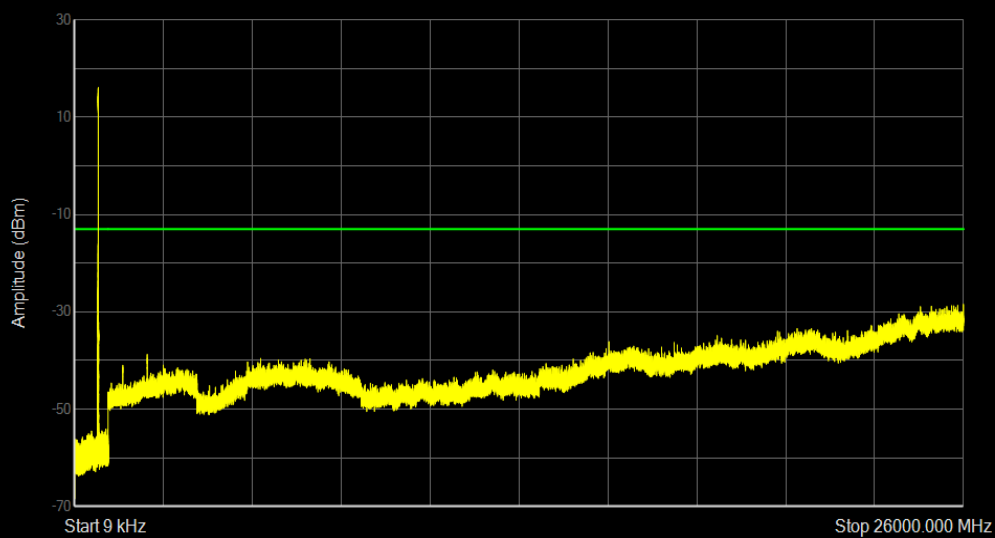
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0090846	-50.17	-13
2	0.15	30	10	0.1544775	-53.68	-13
3	30	1000	100	768.4125	-53.65	-13
4	1000	26000	1000	25763.125	-28.39	-13

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



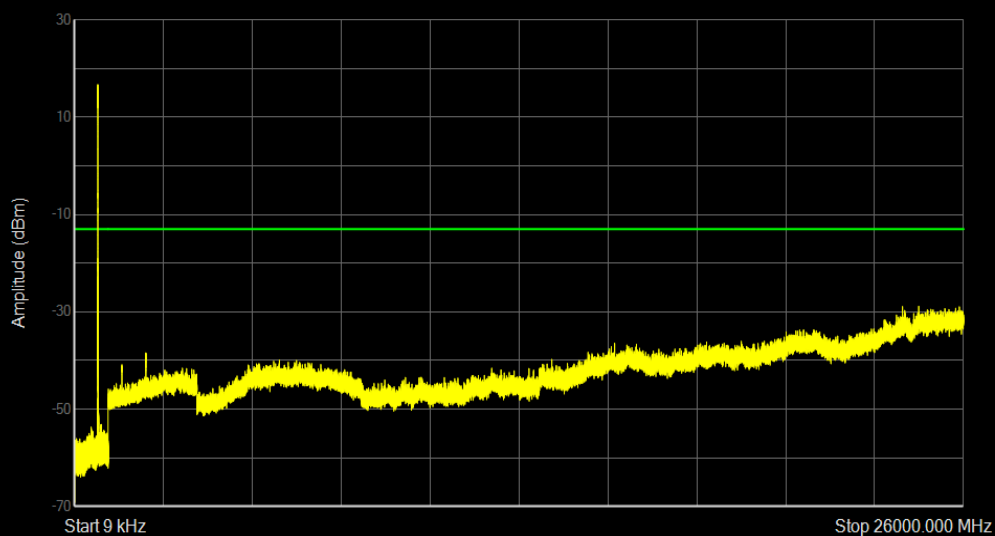
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.115098975	-51.62	-13
2	0.15	30	10	0.16268625	-54.08	-13
3	30	1000	100	993.13725	-54.15	-13
4	1000	26000	1000	25080	-28.34	-13

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



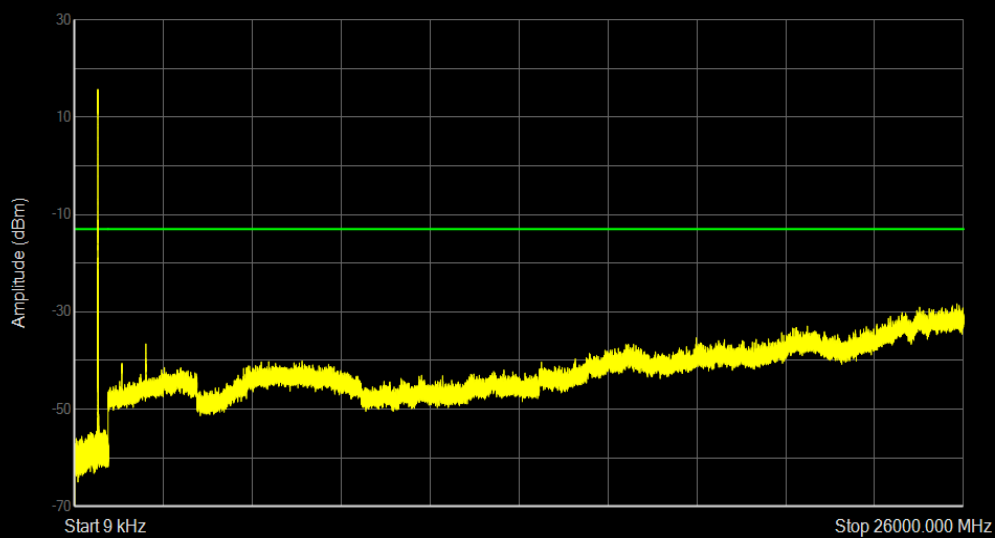
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.117291525	-51.19	-13
2	0.15	30	10	6.06403125	-54.1	-13
3	30	1000	100	933.167	-54.08	-13
4	1000	26000	1000	25995	-28.47	-13

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



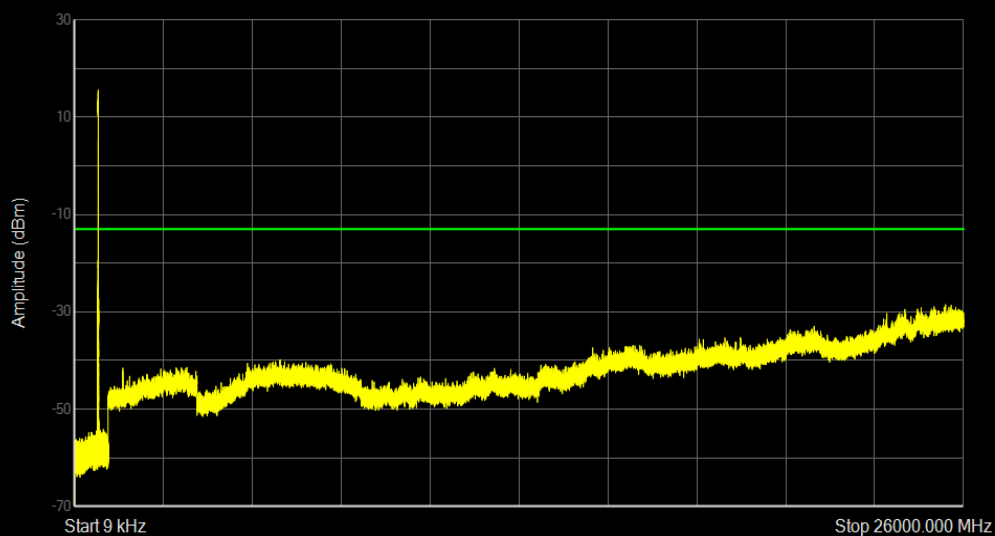
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009285525	-50.42	-13
2	0.15	30	10	6.13865625	-54.15	-13
3	30	1000	100	804.9815	-53.13	-13
4	1000	26000	1000	24689.375	-28.85	-13

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



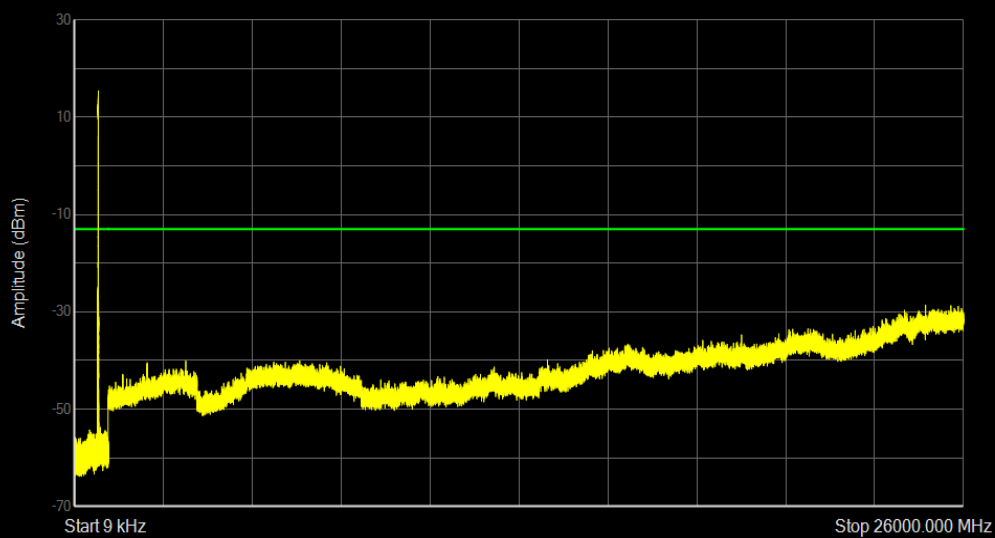
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009433575	-51.1	-13
2	0.15	30	10	0.17388	-54.01	-13
3	30	1000	100	882.07225	-54.24	-13
4	1000	26000	1000	25805	-28.35	-13

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



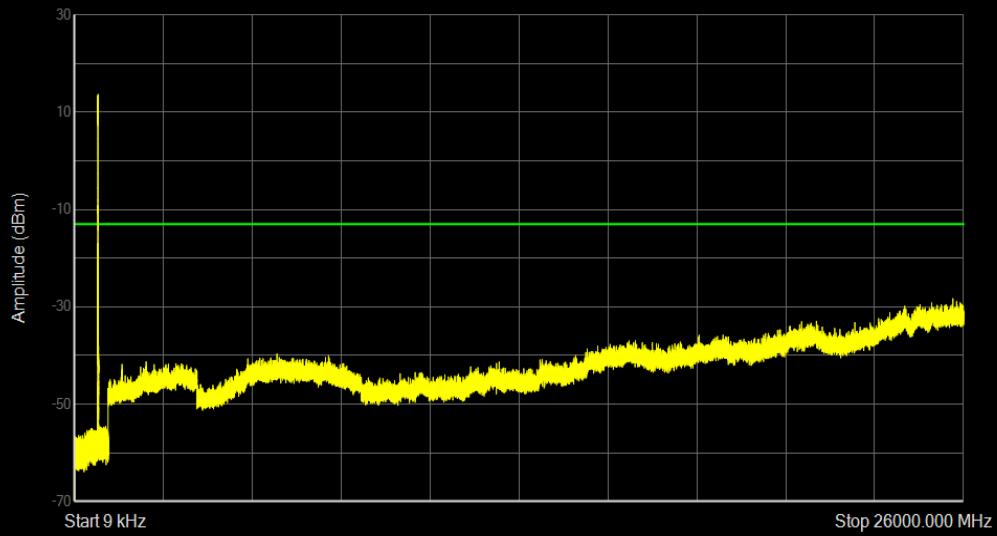
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.116438475	-51.31	-13
2	0.15	30	10	0.15671625	-53.46	-13
3	30	1000	100	861.75075	-54.17	-13
4	1000	26000	1000	25474.375	-28.53	-13

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



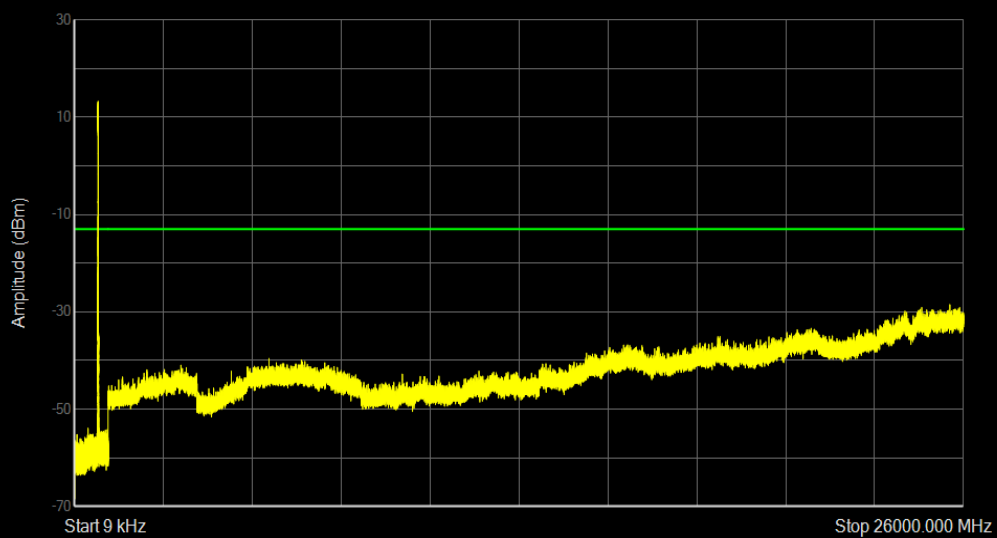
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01044525	-49.3	-13
2	0.15	30	10	0.15	-53.53	-13
3	30	1000	100	777.094	-53.77	-13
4	1000	26000	1000	24890	-28.6	-13

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



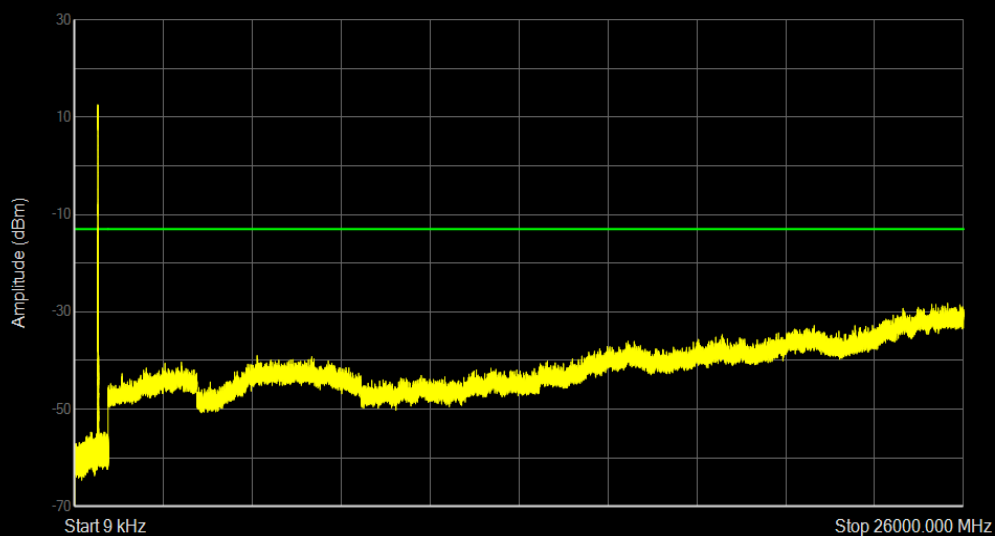
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.1162446	-51.21	-13
2	0.15	30	10	0.1753725	-54.47	-13
3	30	1000	100	934.2825	-54.59	-13
4	1000	26000	1000	25687.5	-28.31	-13

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



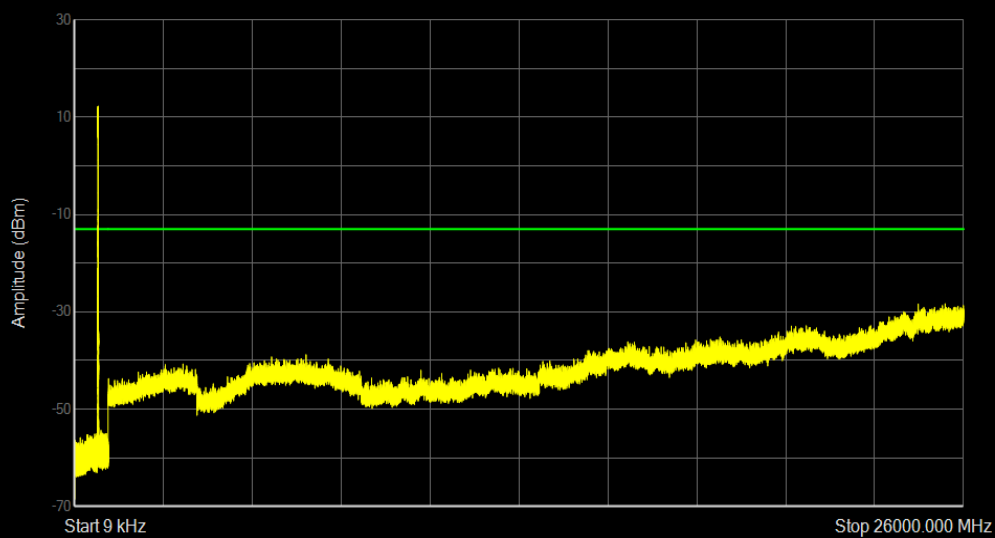
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009066975	-50.73	-13
2	0.15	30	10	6.134925	-54.16	-13
3	30	1000	100	414.799	-53.93	-13
4	1000	26000	1000	25598.125	-28.52	-13

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



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.00927495	-49.09	-13
2	0.15	30	10	6.1423875	-51.68	-13
3	30	1000	100	886.801	-54.71	-13
4	1000	26000	1000	25535	-28.23	-13

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



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009701475	-48.6	-13
2	0.15	30	10	6.11776125	-51.97	-13
3	30	1000	100	791.9835	-54.4	-13
4	1000	26000	1000	25461.25	-28.34	-13

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

