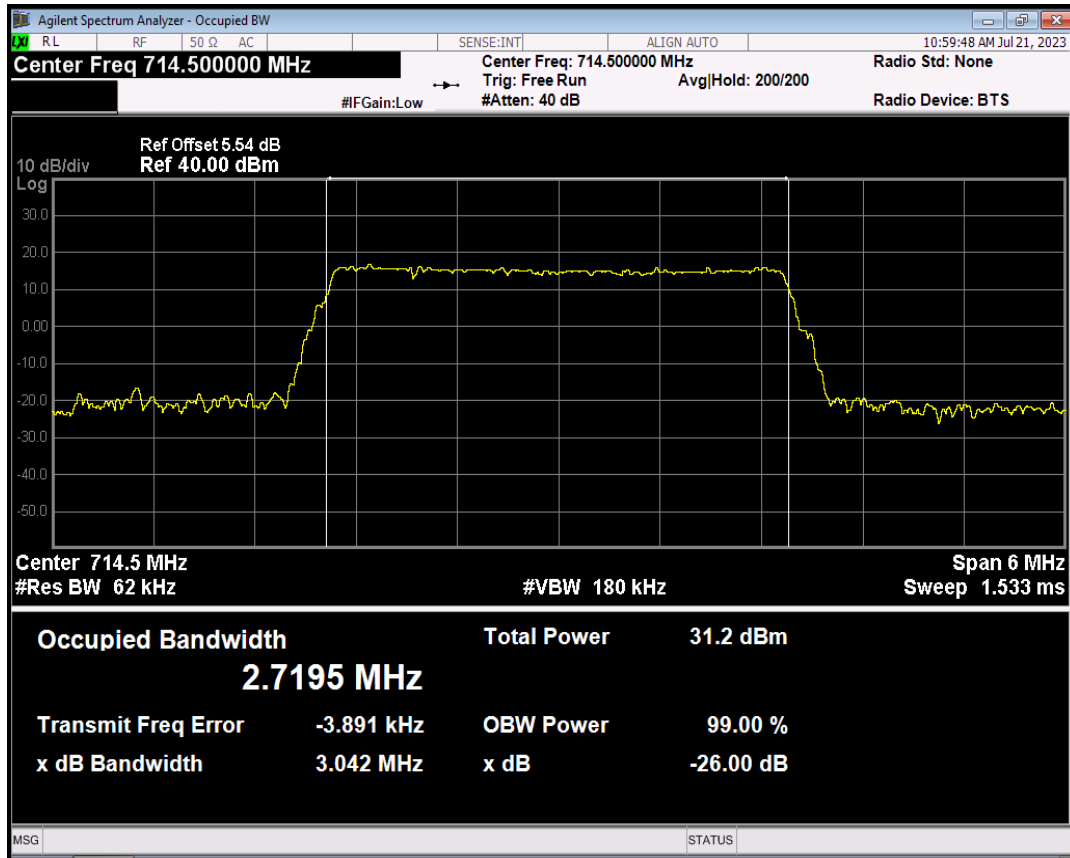
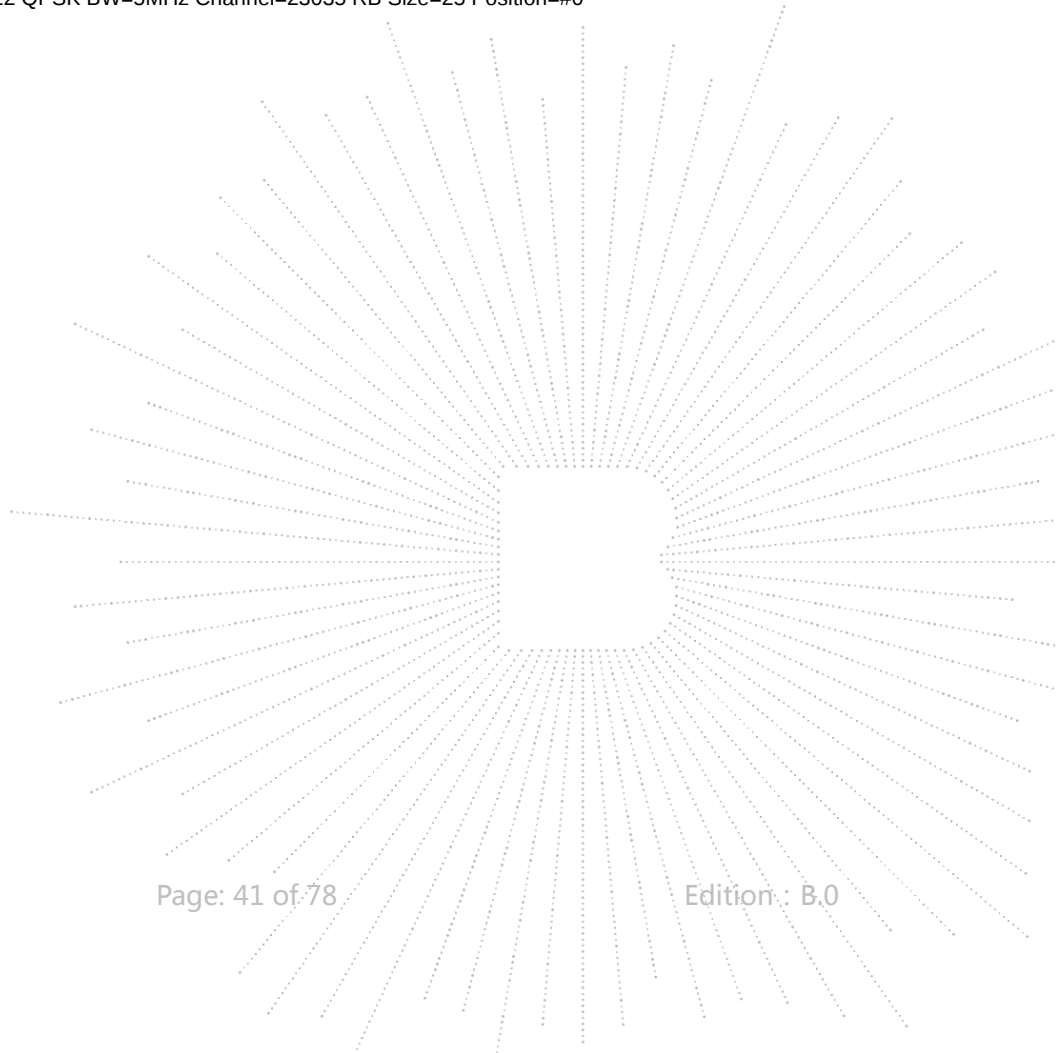
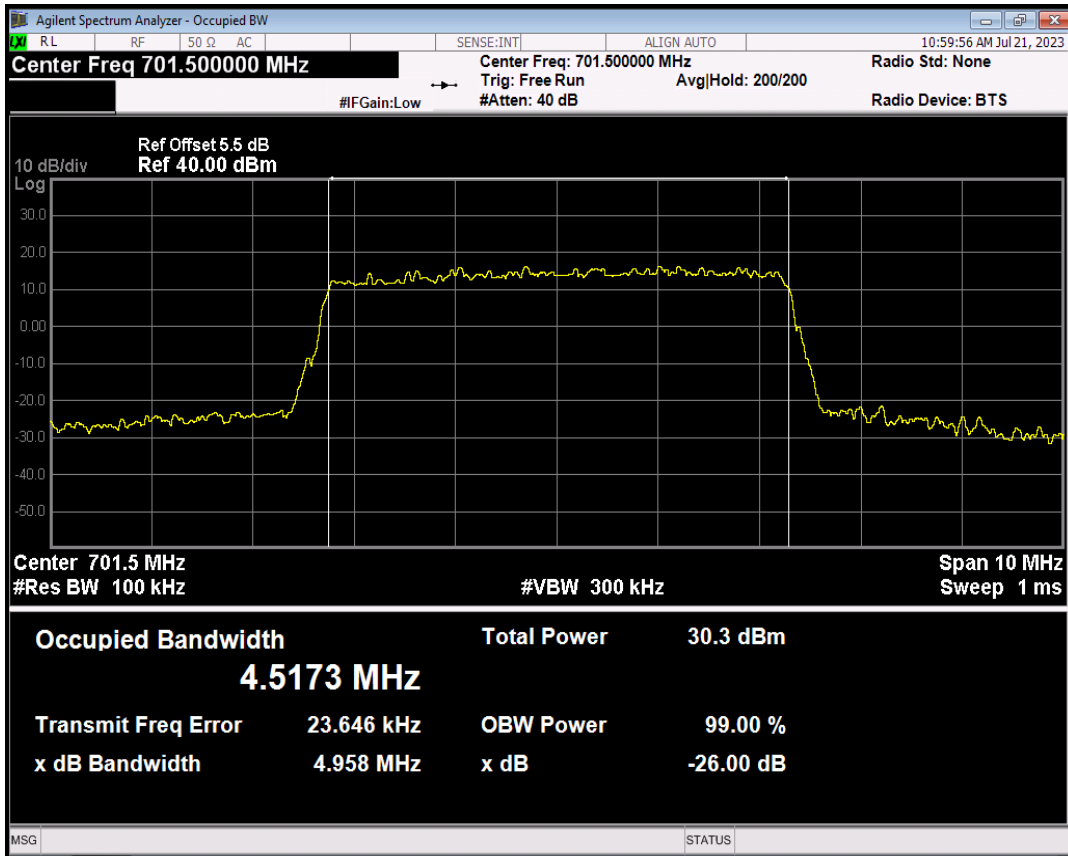


Band12 16QAM BW=3MHz Channel=23165 RB Size=15 Position=#0

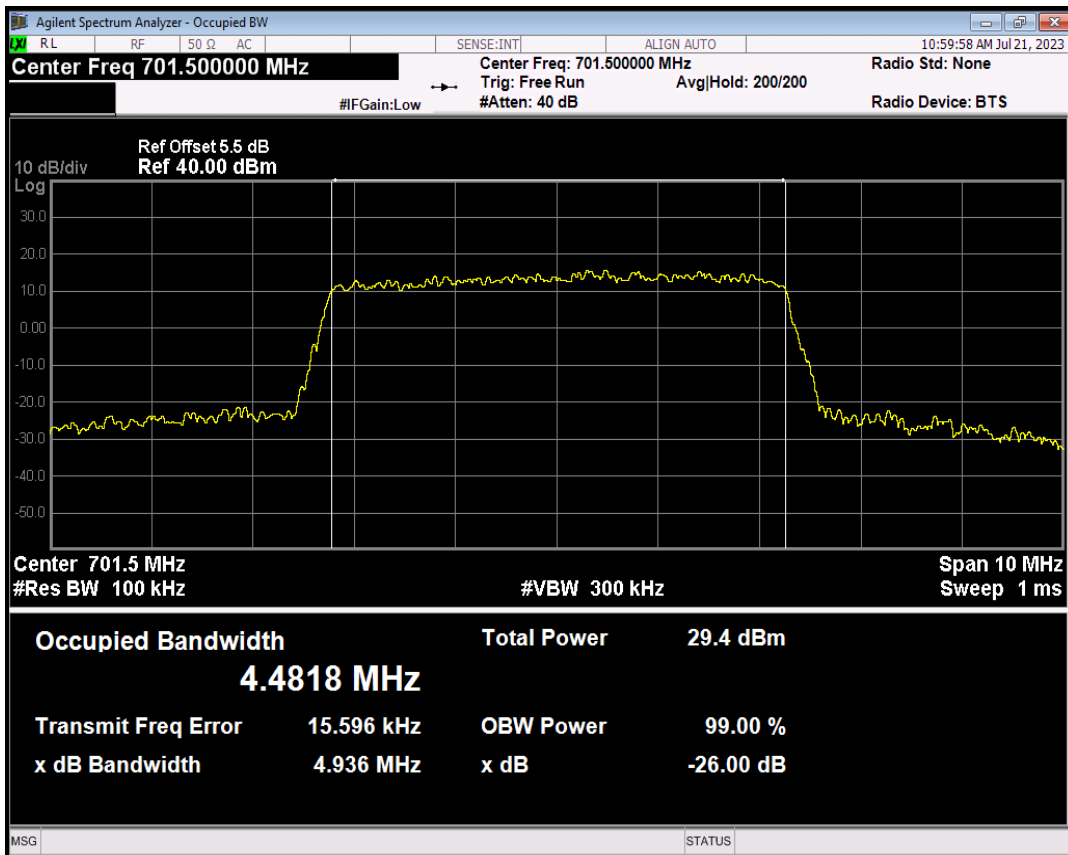


Band12 QPSK BW=5MHz Channel=23035 RB Size=25 Position=#0



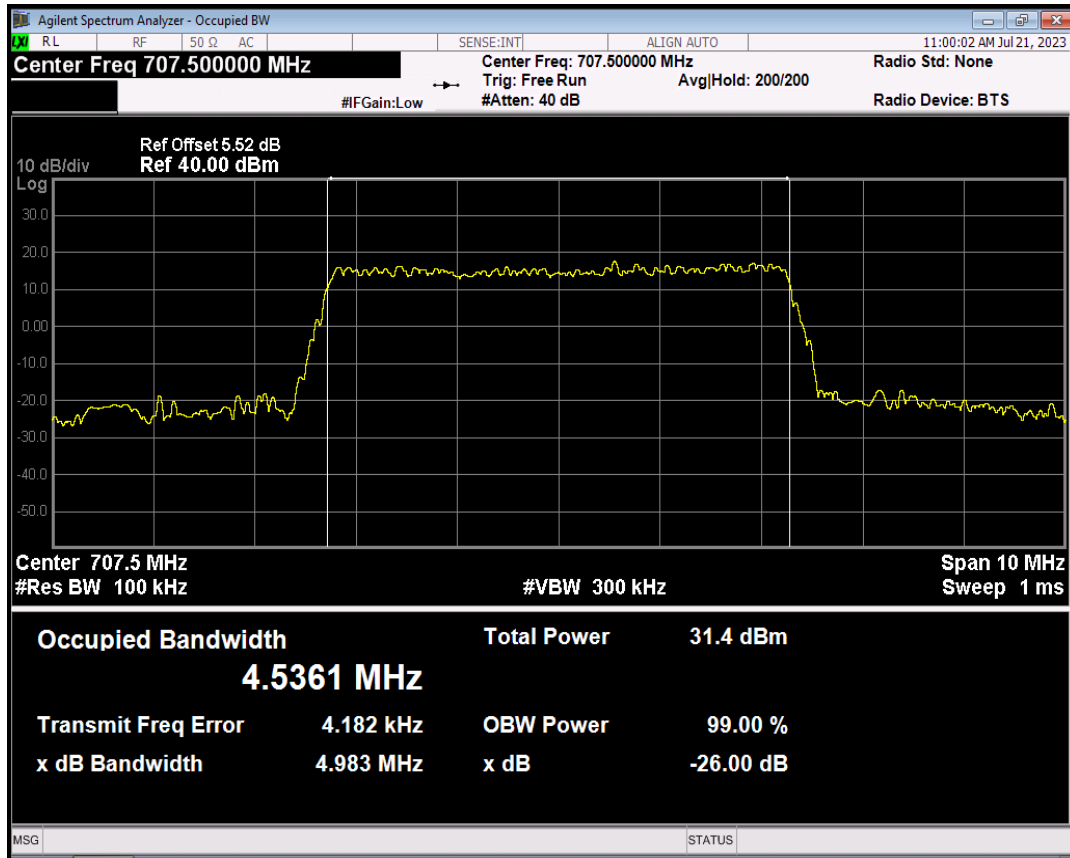


Band12 16QAM BW=5MHz Channel=23035 RB Size=25 Position=#0

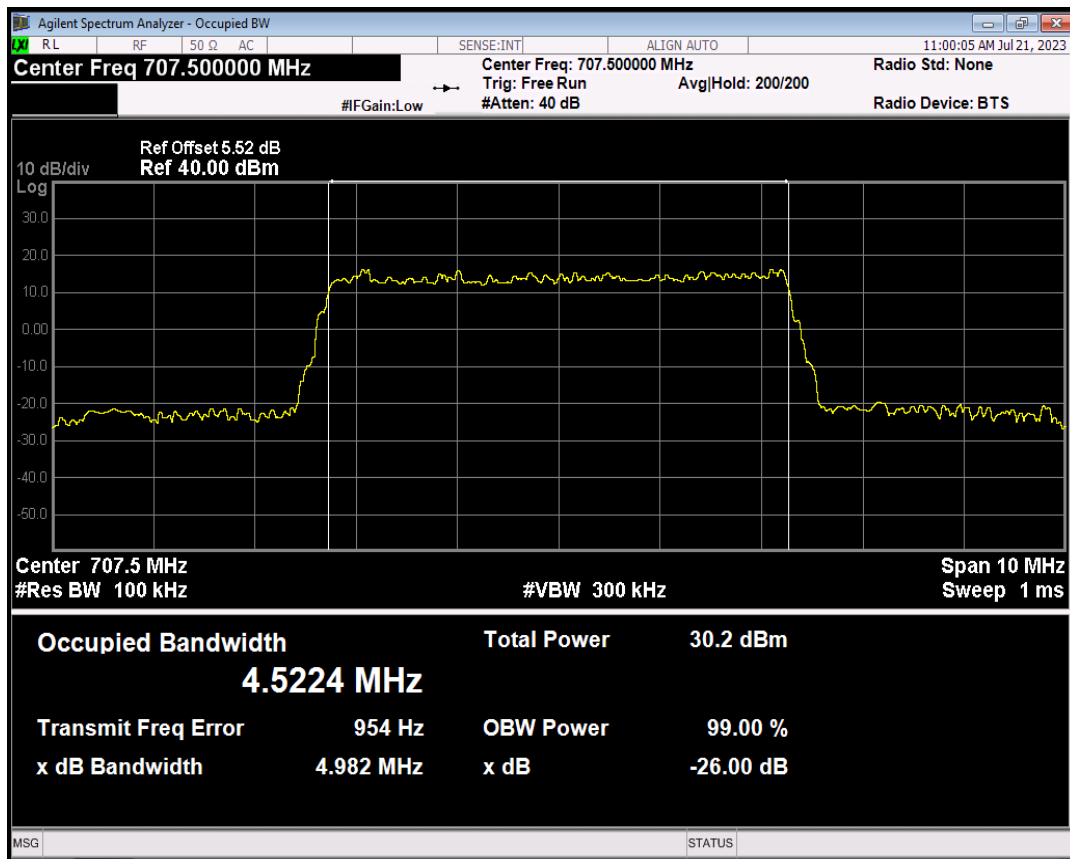




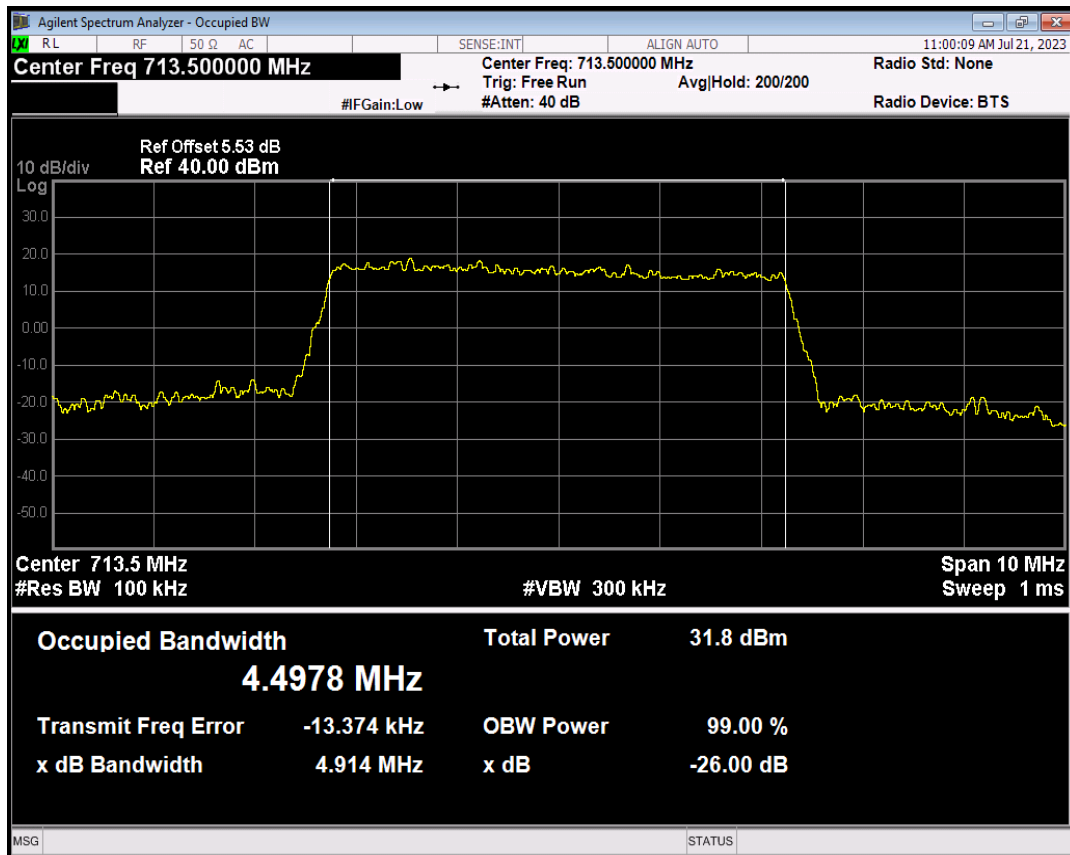
Band12 QPSK BW=5MHz Channel=23095 RB Size=25 Position=#0



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

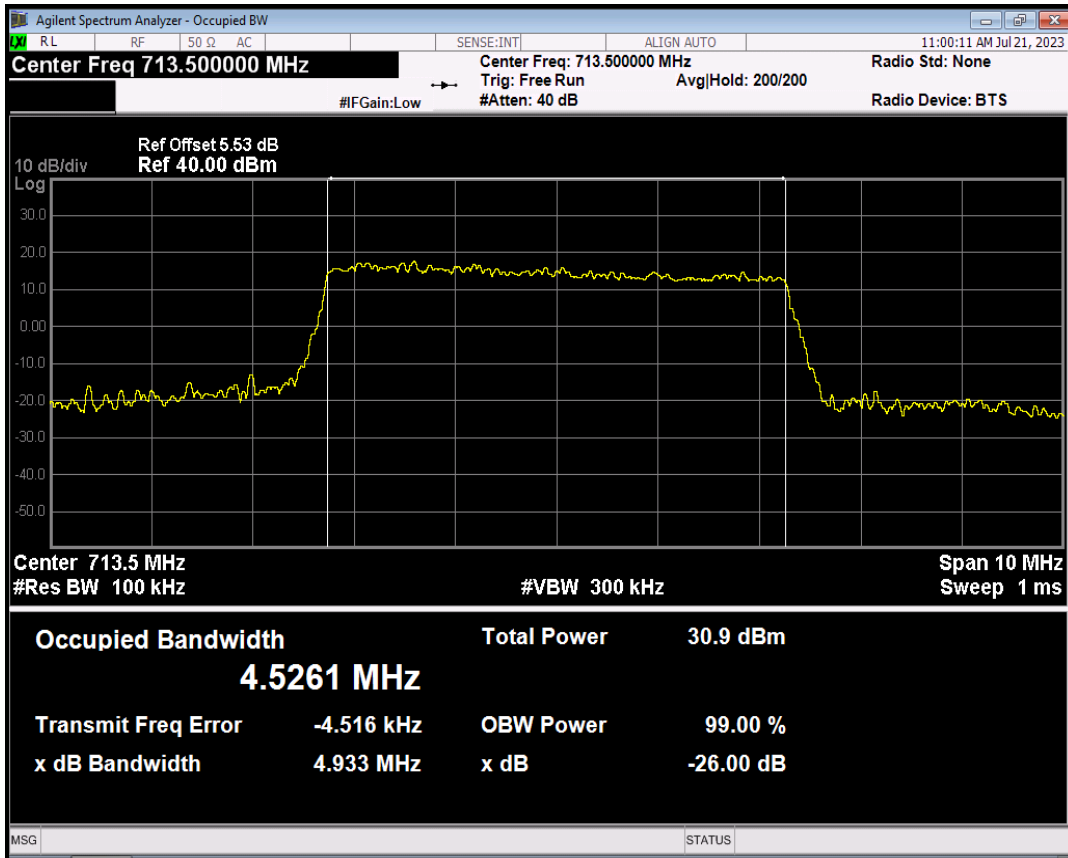


Band12 QPSK BW=5MHz Channel=23155 RB Size=25 Position=#0

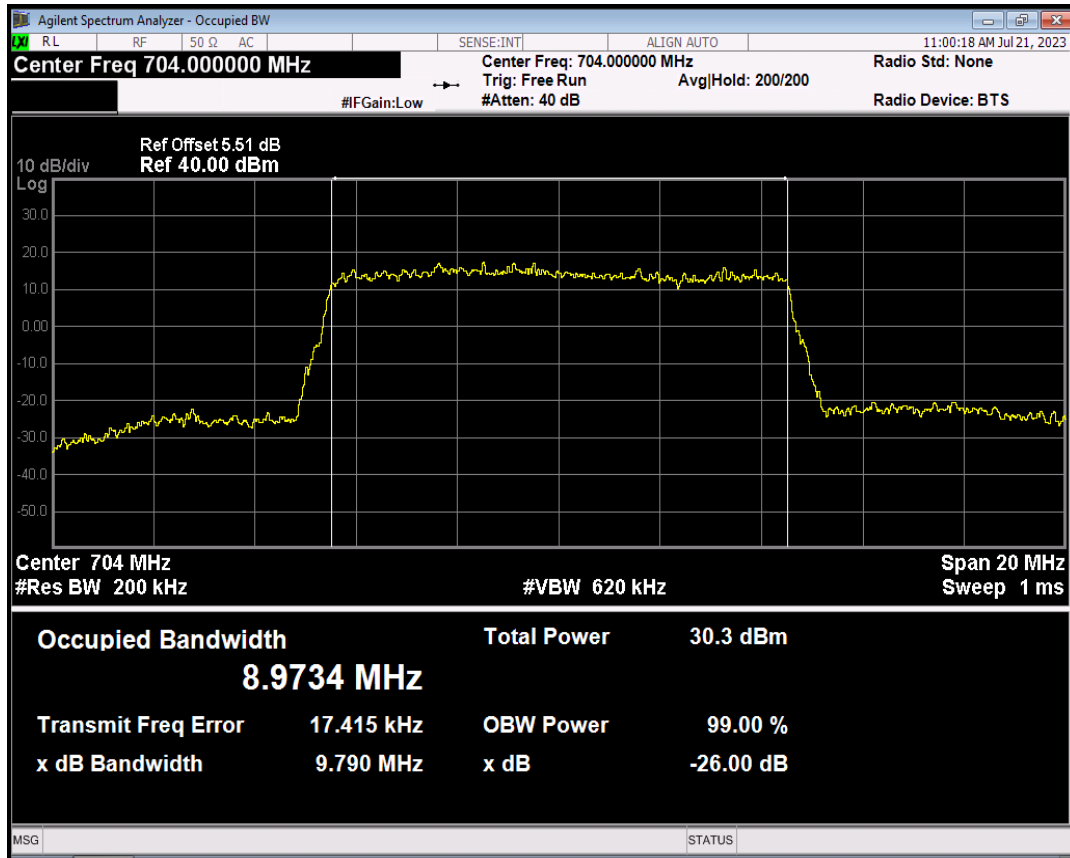




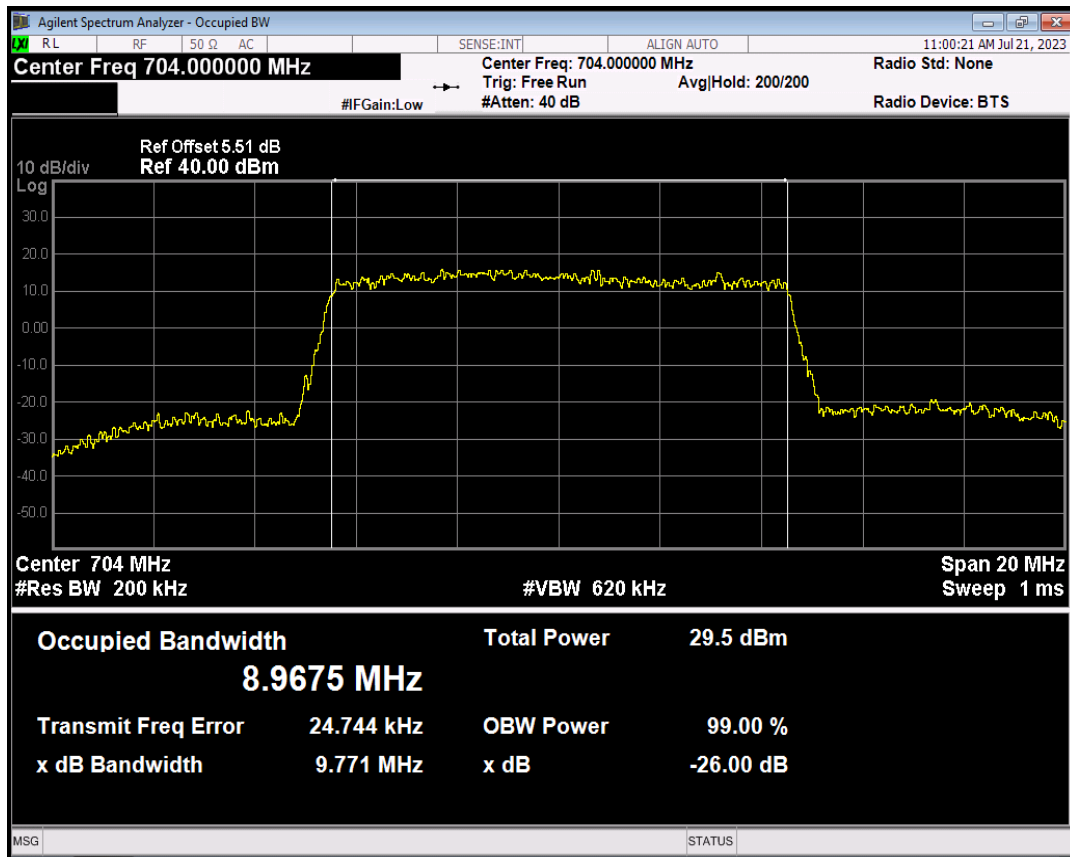
Band12 16QAM BW=5MHz Channel=23155 RB Size=25 Position=#0



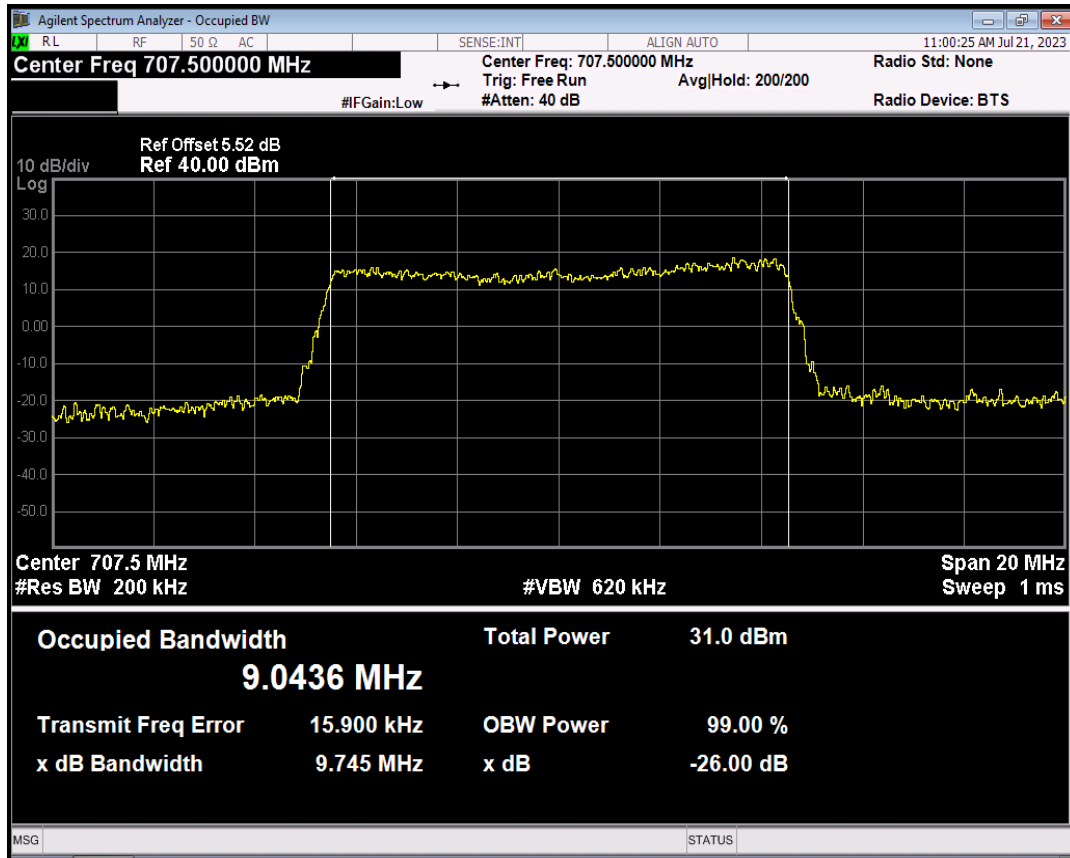
Band12 QPSK BW=10MHz Channel=23060 RB Size=50 Position=#0



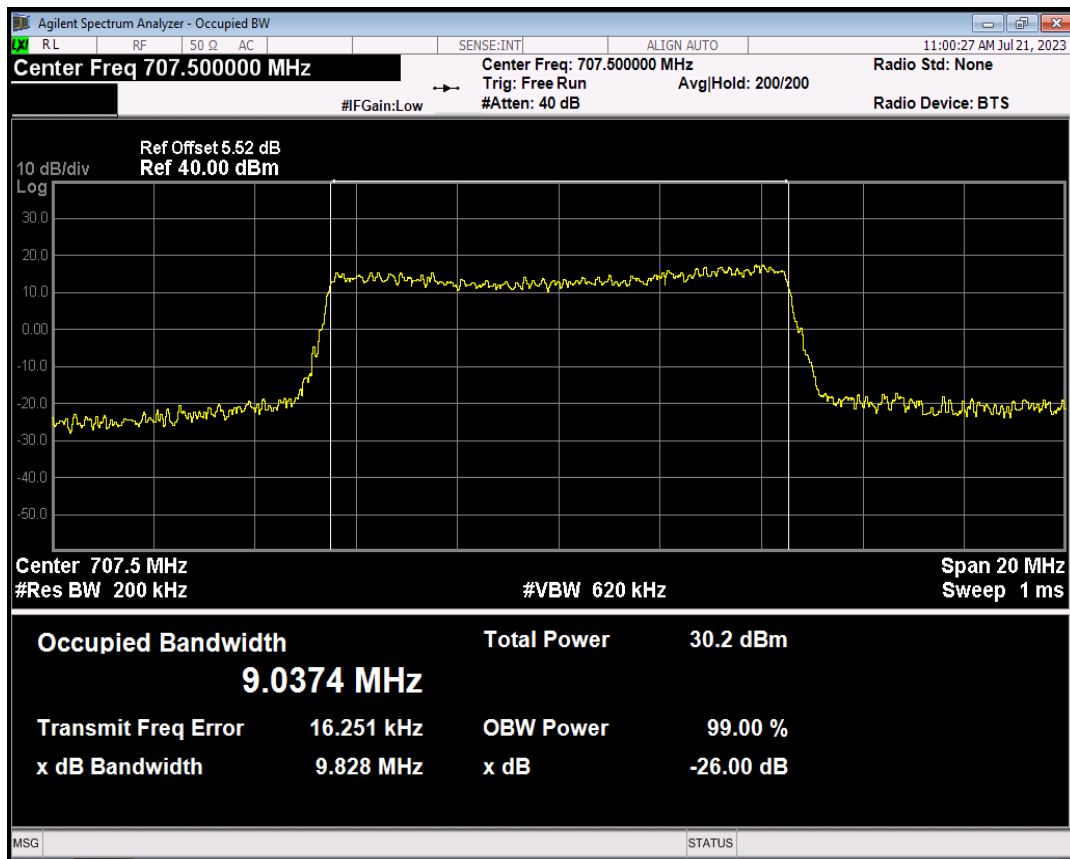
Band12 16QAM BW=10MHz Channel=23060 RB Size=50 Position=#0



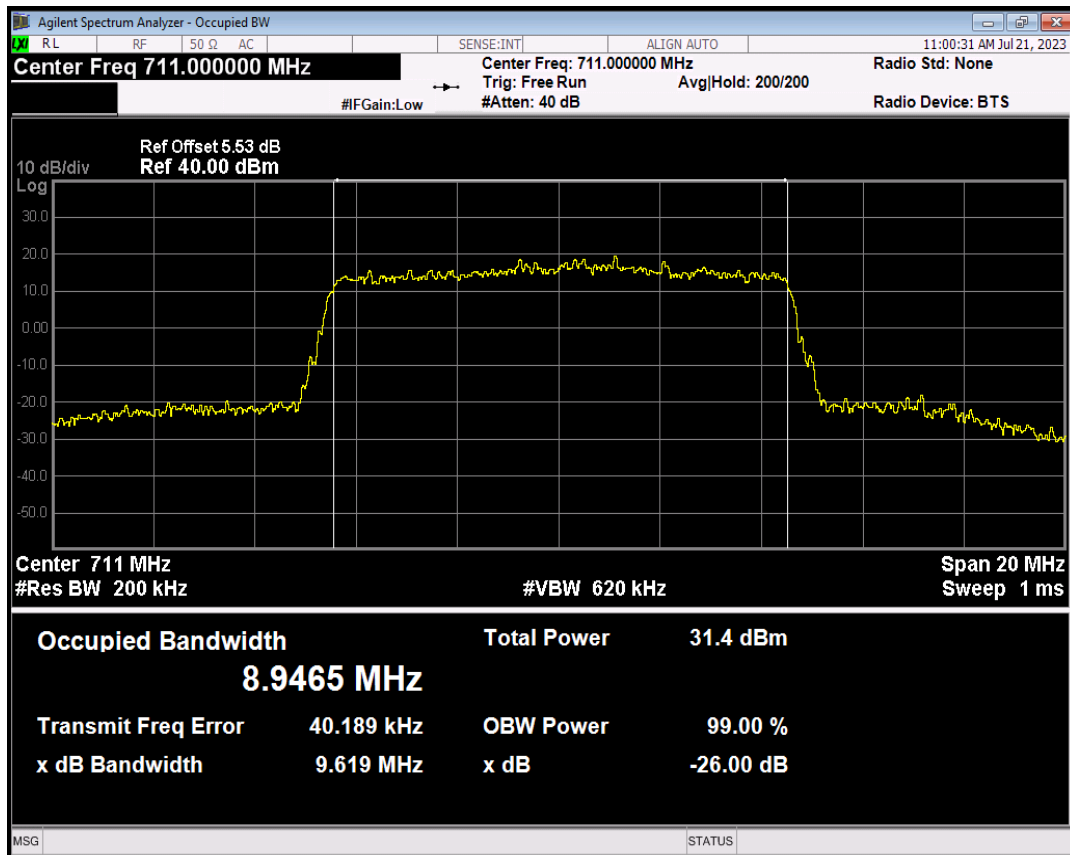
Band12 QPSK BW=10MHz Channel=23095 RB Size=50 Position=#0



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

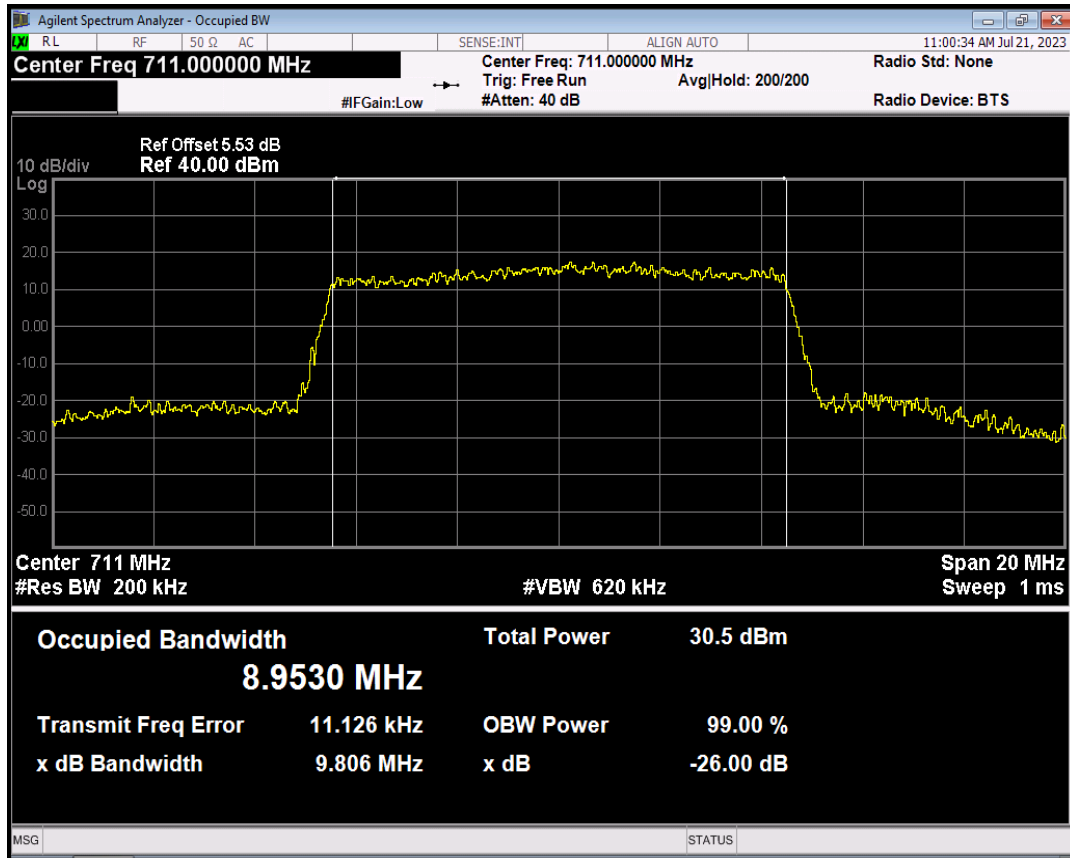


Band12 QPSK BW=10MHz Channel=23130 RB Size=50 Position=#0





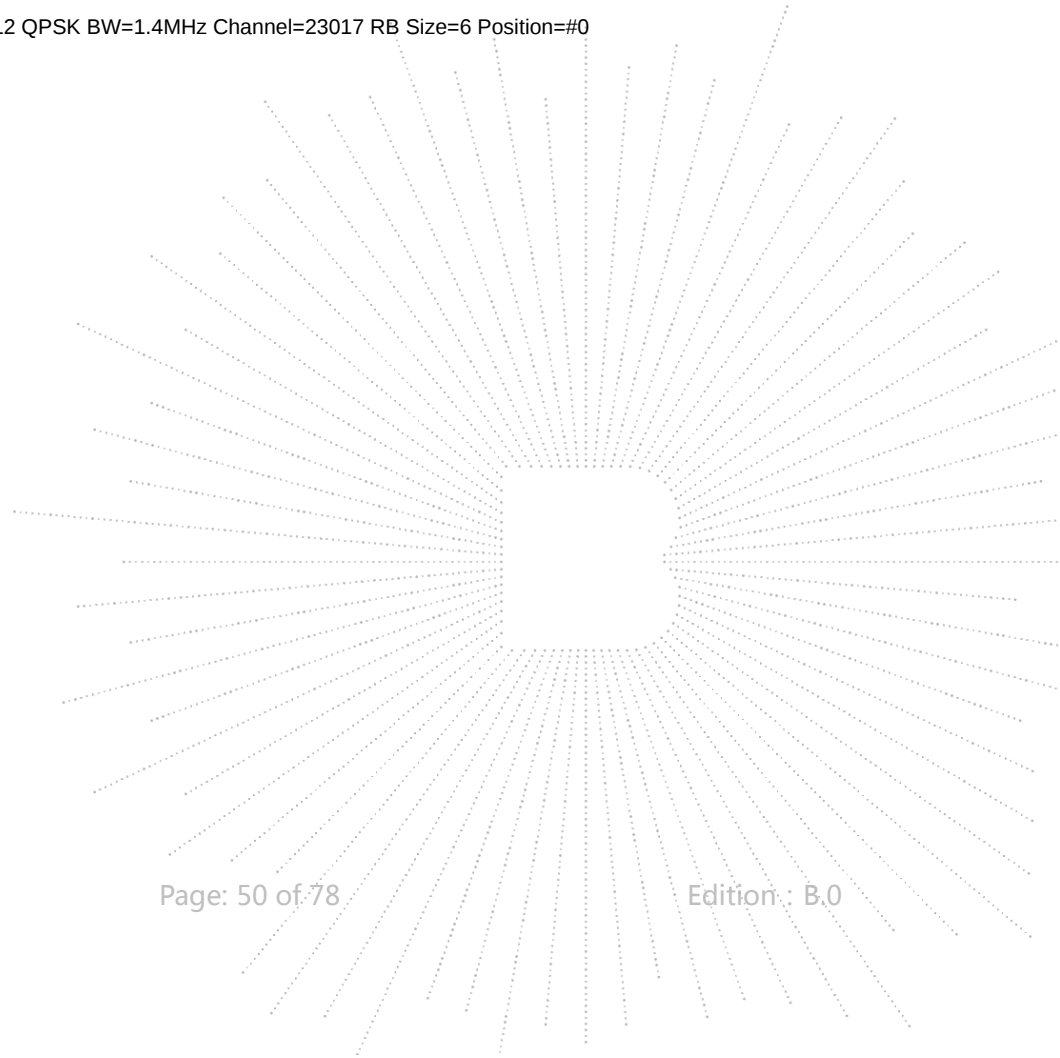
Band12 16QAM BW=10MHz Channel=23130 RB Size=50 Position=#0

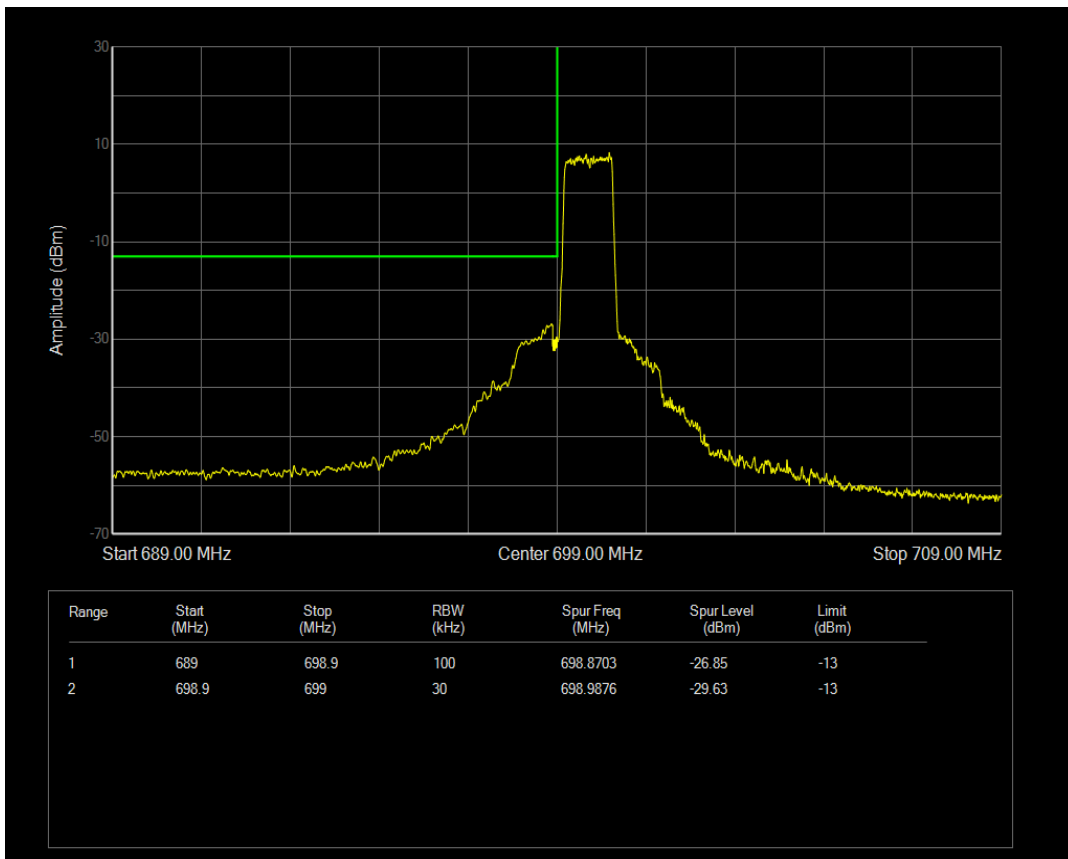


Appendix 5. Band edge

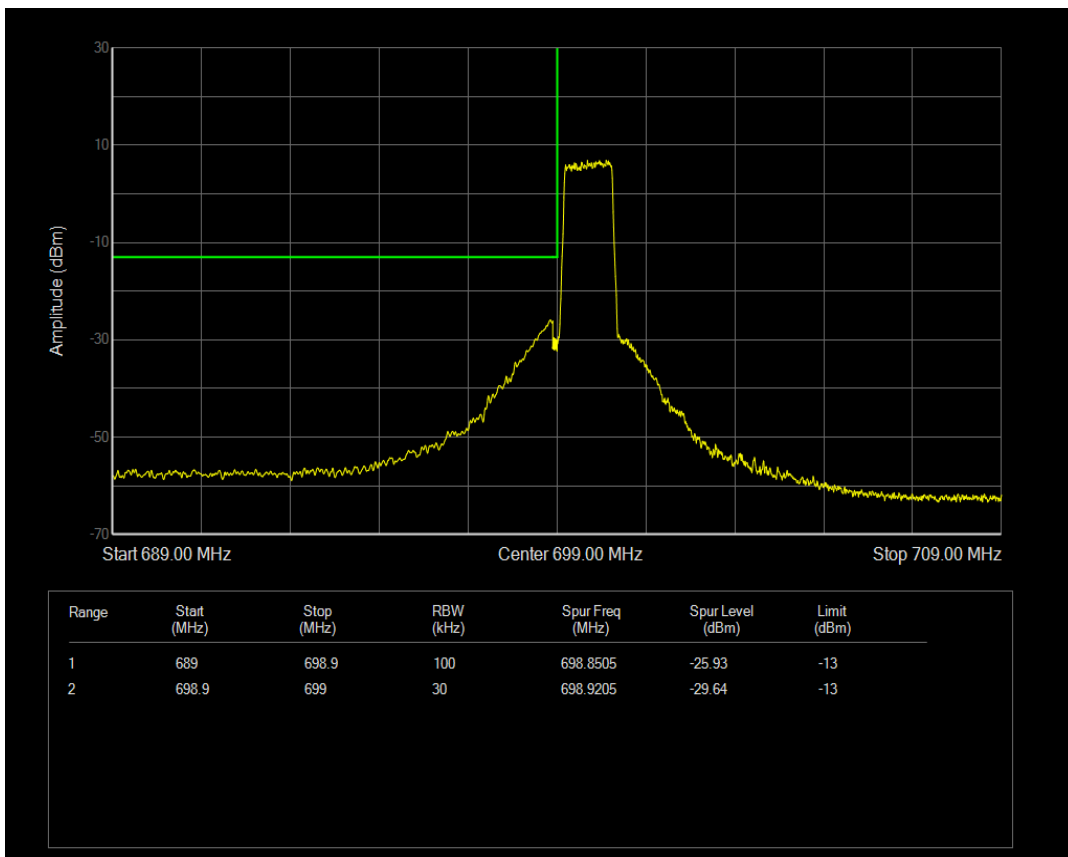
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band12	1.4	23017	6	#0	QPSK	698.87	-26.85	-13	PASS
Band12	1.4	23017	6	#0	16QAM	698.85	-25.93	-13	PASS
Band12	1.4	23173	6	#0	QPSK	716.11	-22.78	-13	PASS
Band12	1.4	23173	6	#0	16QAM	716.19	-23.40	-13	PASS
Band12	3	23025	15	#0	QPSK	699.00	-24.87	-13	PASS
Band12	3	23025	15	#0	16QAM	699.00	-26.14	-13	PASS
Band12	3	23165	15	#0	QPSK	716.00	-22.97	-13	PASS
Band12	3	23165	15	#0	16QAM	716.00	-23.66	-13	PASS
Band12	5	23035	25	#0	QPSK	698.83	-30.89	-13	PASS
Band12	5	23035	25	#0	16QAM	698.34	-31.16	-13	PASS
Band12	5	23155	25	#0	QPSK	716.66	-29.61	-13	PASS
Band12	5	23155	25	#0	16QAM	716.61	-30.21	-13	PASS
Band12	10	23060	50	#0	QPSK	698.89	-34.60	-13	PASS
Band12	10	23060	50	#0	16QAM	698.90	-35.43	-13	PASS
Band12	10	23130	50	#0	QPSK	716.51	-31.90	-13	PASS
Band12	10	23130	50	#0	16QAM	717.30	-32.54	-13	PASS

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



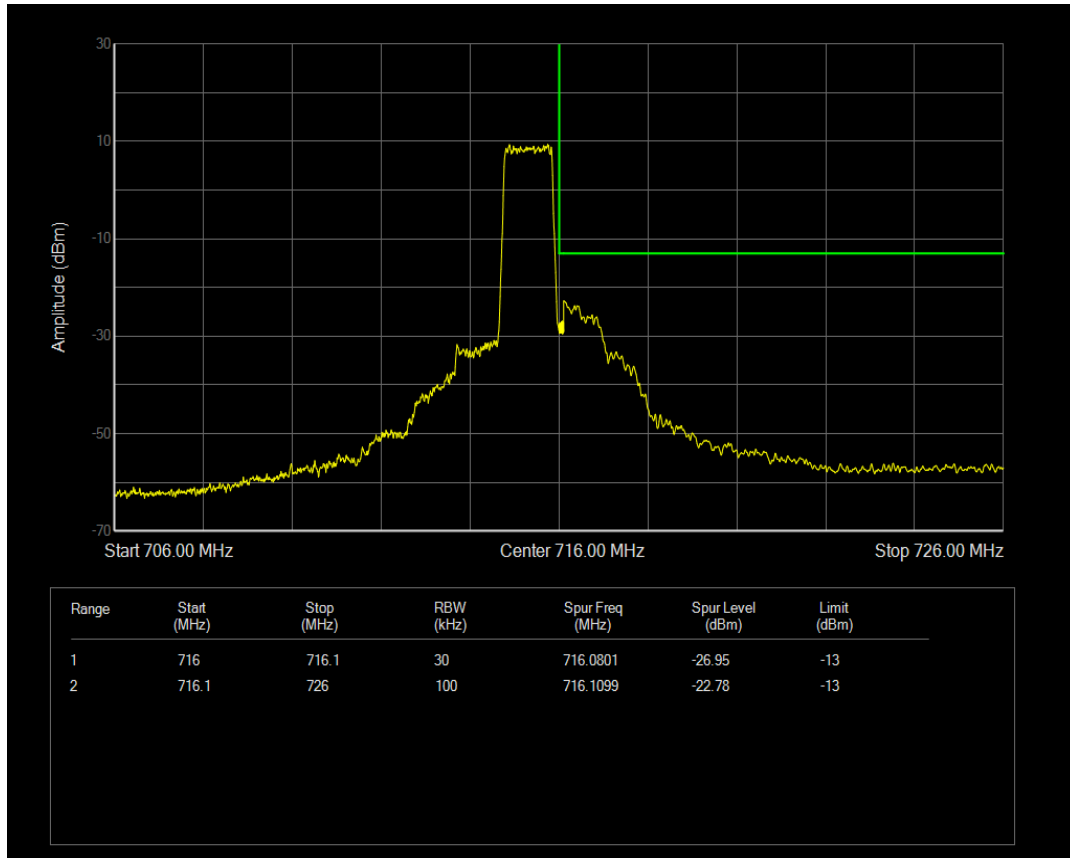


Band12 16QAM BW=1.4MHz Channel=23017 RB Size=6 Position=#0

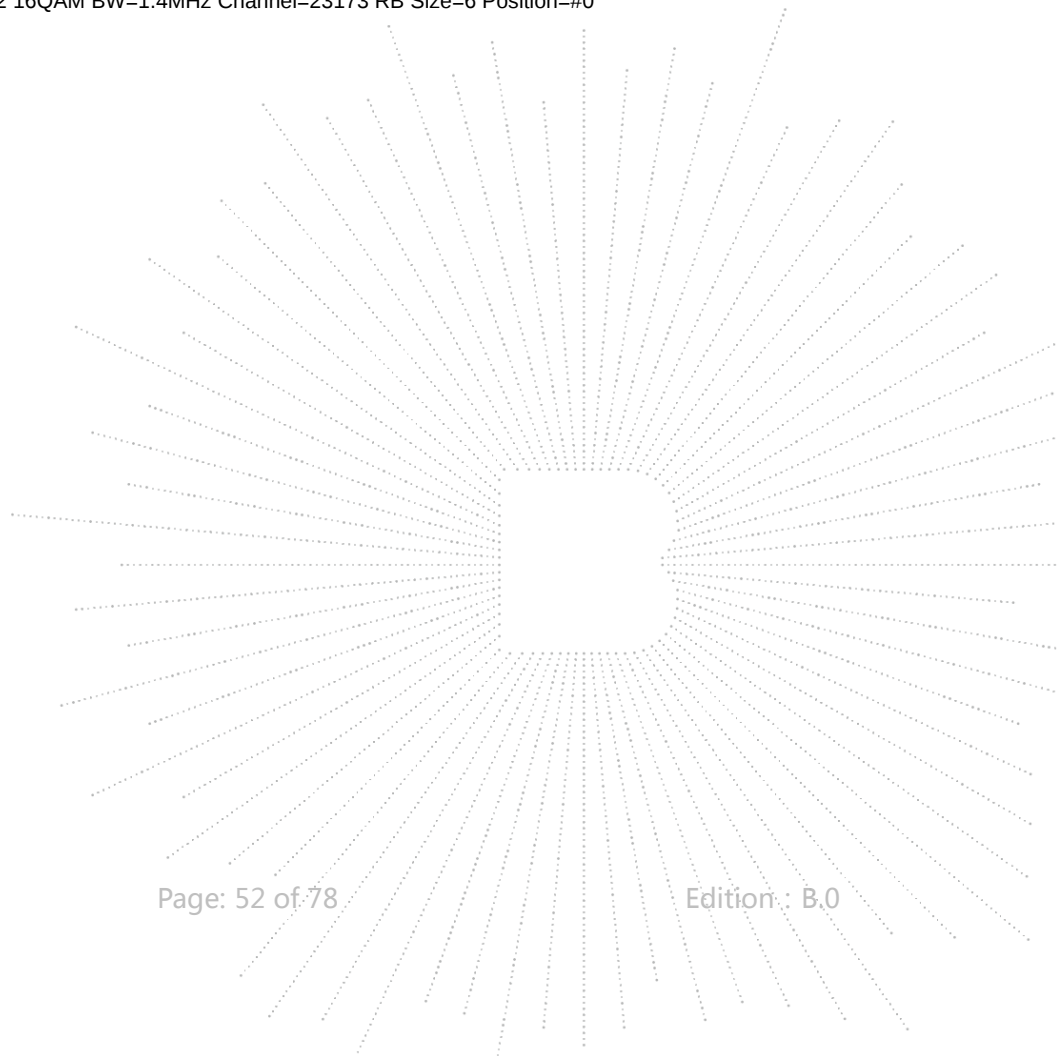


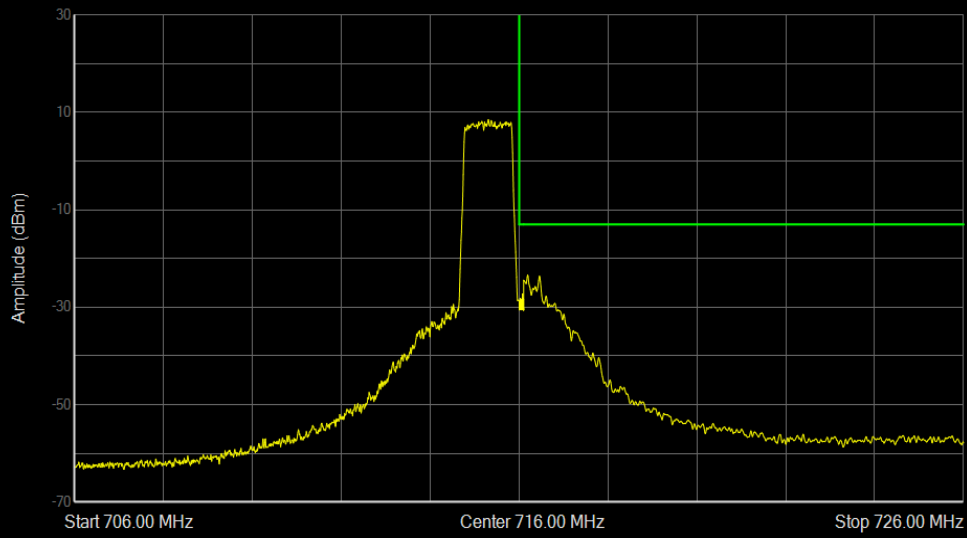


Band12 QPSK BW=1.4MHz Channel=23173 RB Size=6 Position=#0



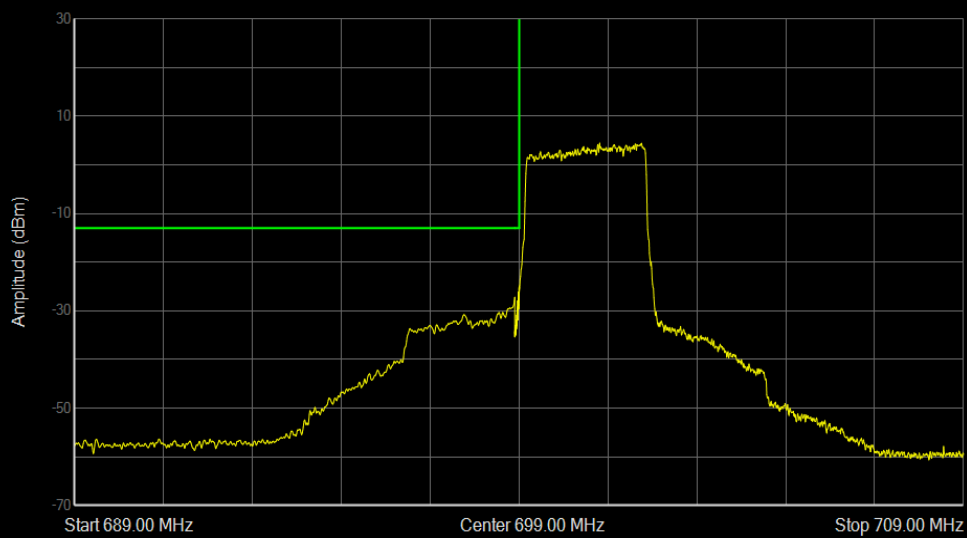
Band12 16QAM BW=1.4MHz Channel=23173 RB Size=6 Position=#0





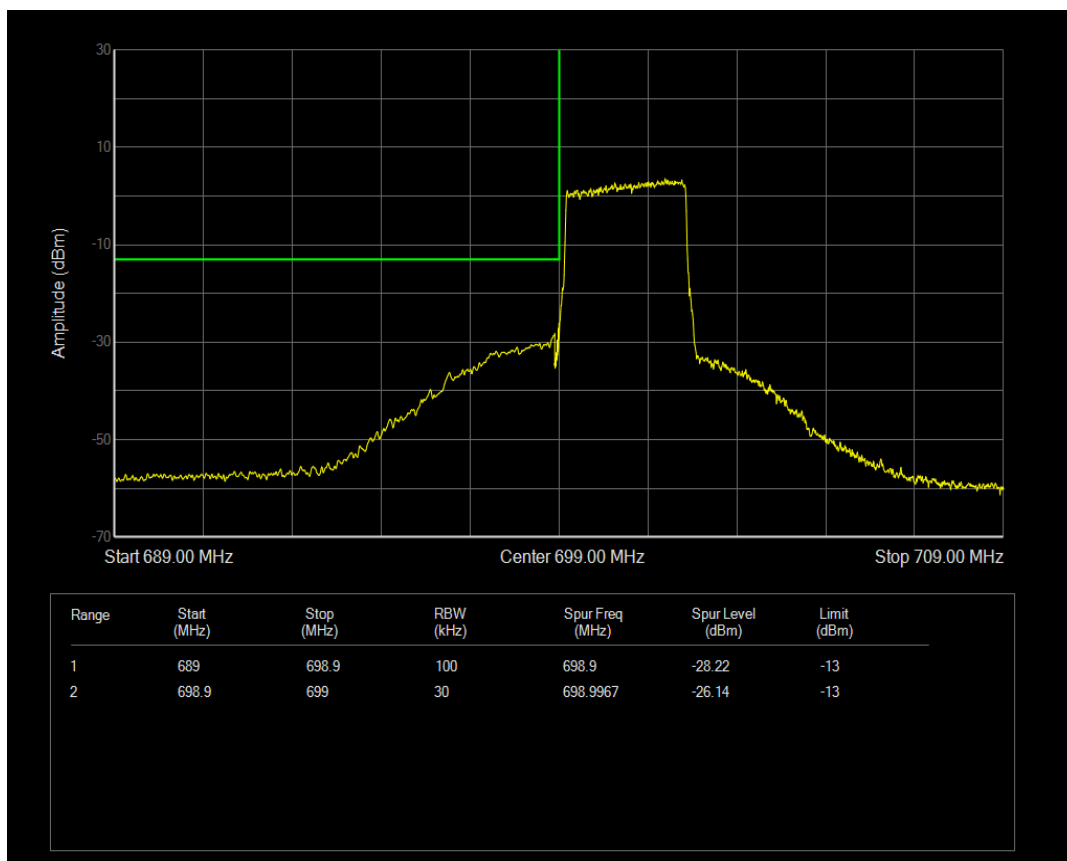
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	716	716.1	30	716.0766	-27.31	-13
2	716.1	726	100	716.1891	-23.4	-13

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

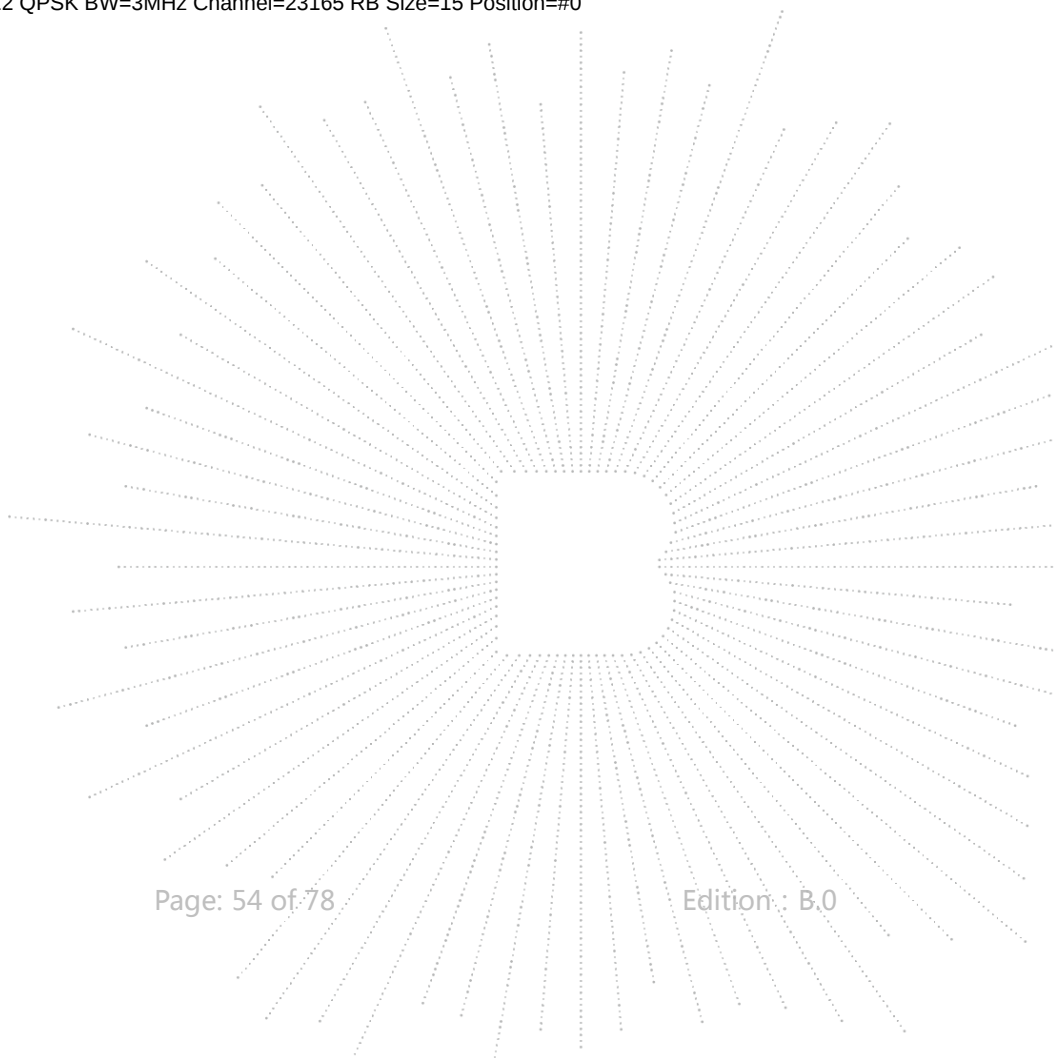


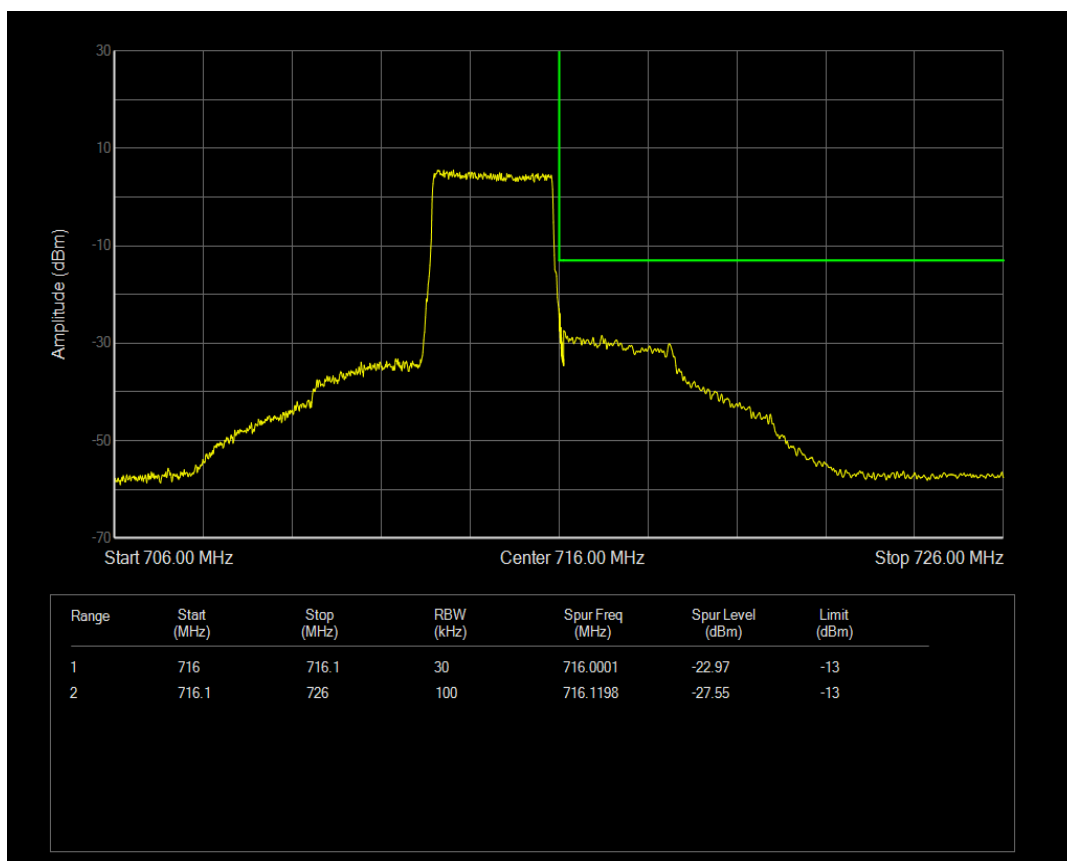
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	689	698.9	100	698.9	-27.19	-13
2	698.9	699	30	699	-24.87	-13

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

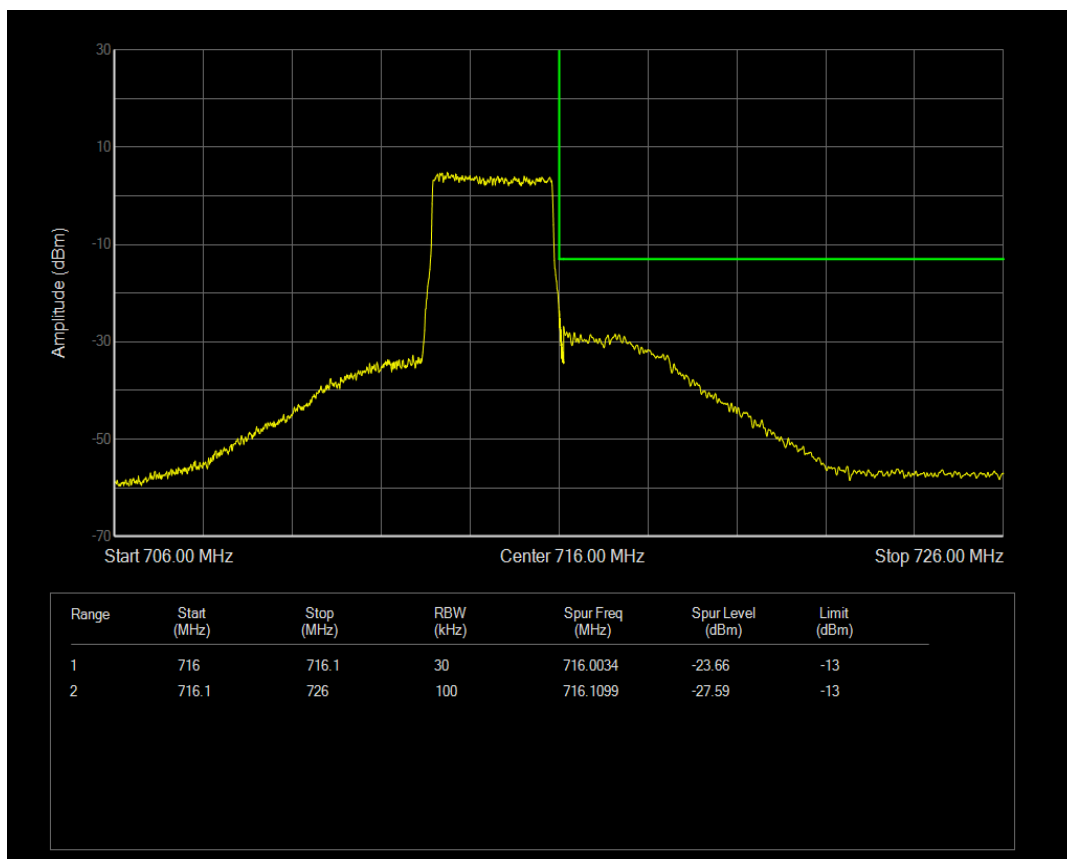


Band12 QPSK BW=3MHz Channel=23165 RB Size=15 Position=#0



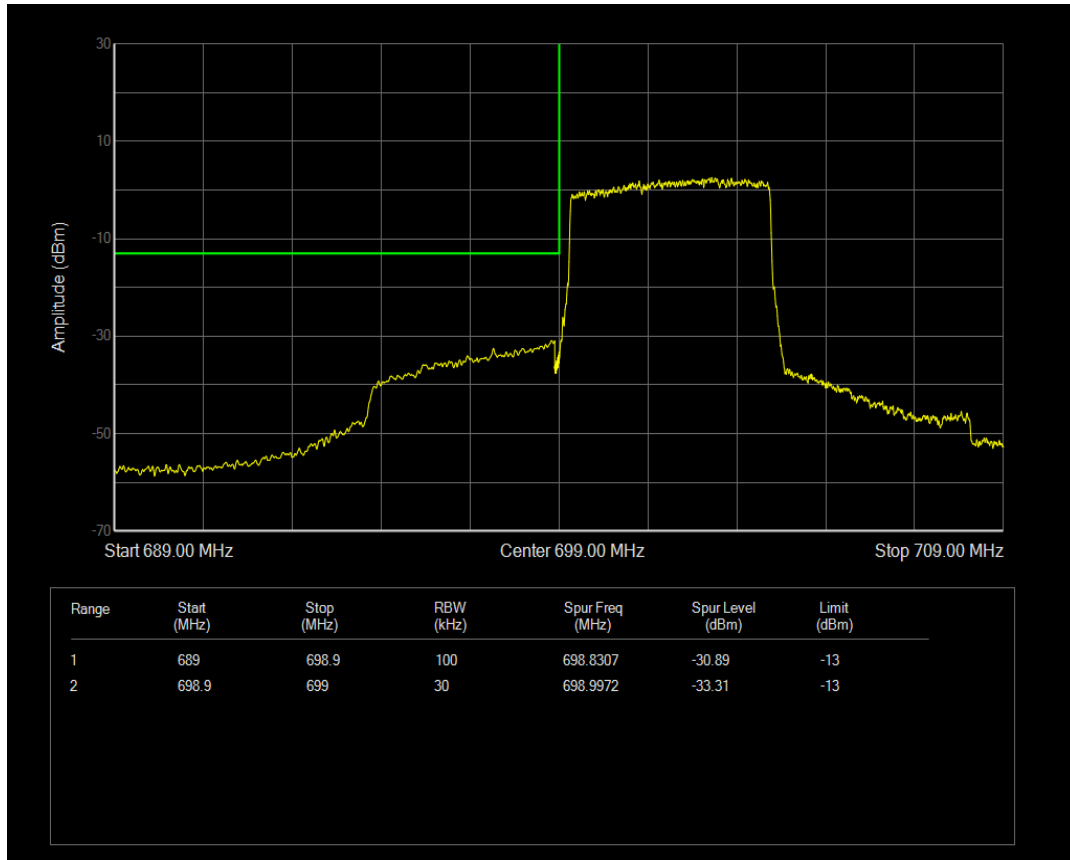


Band12 16QAM BW=3MHz Channel=23165 RB Size=15 Position=#0

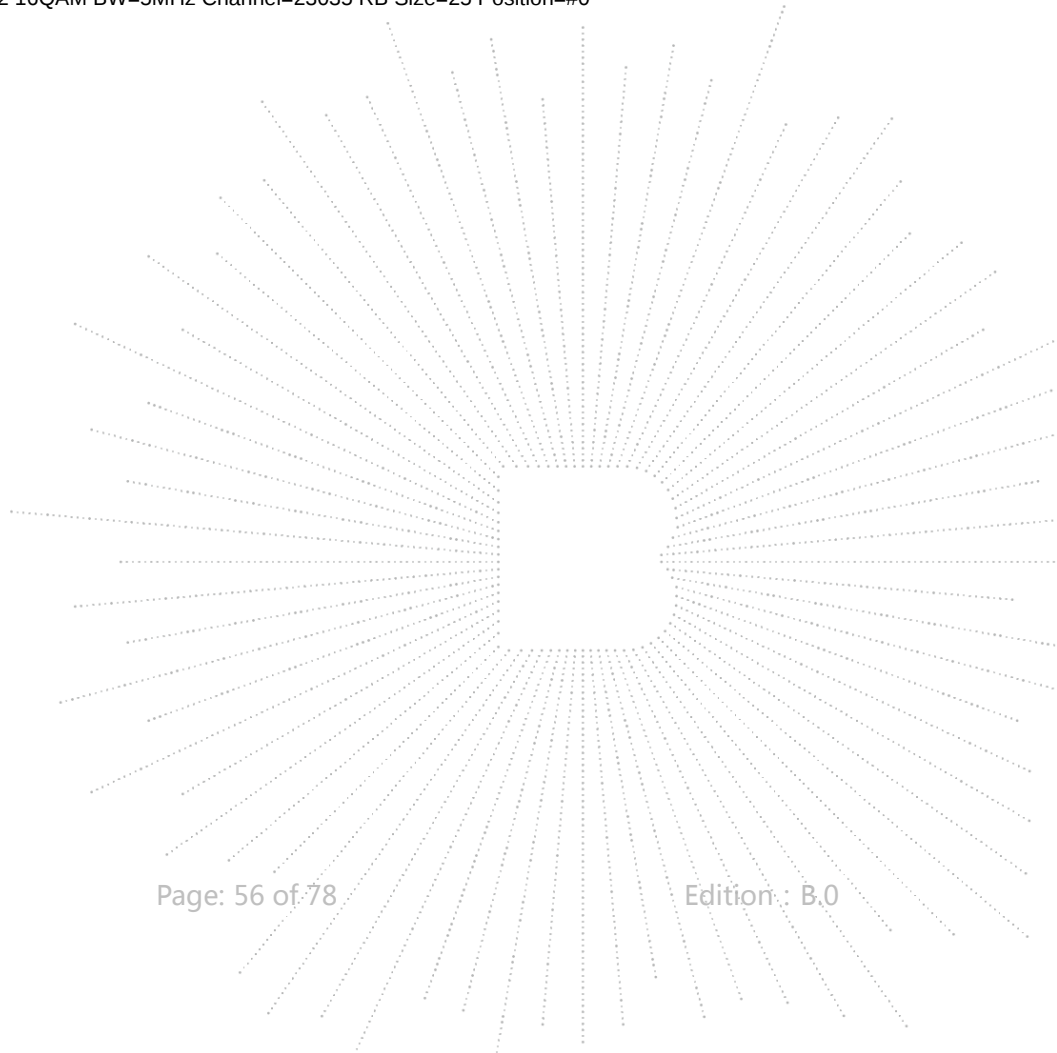


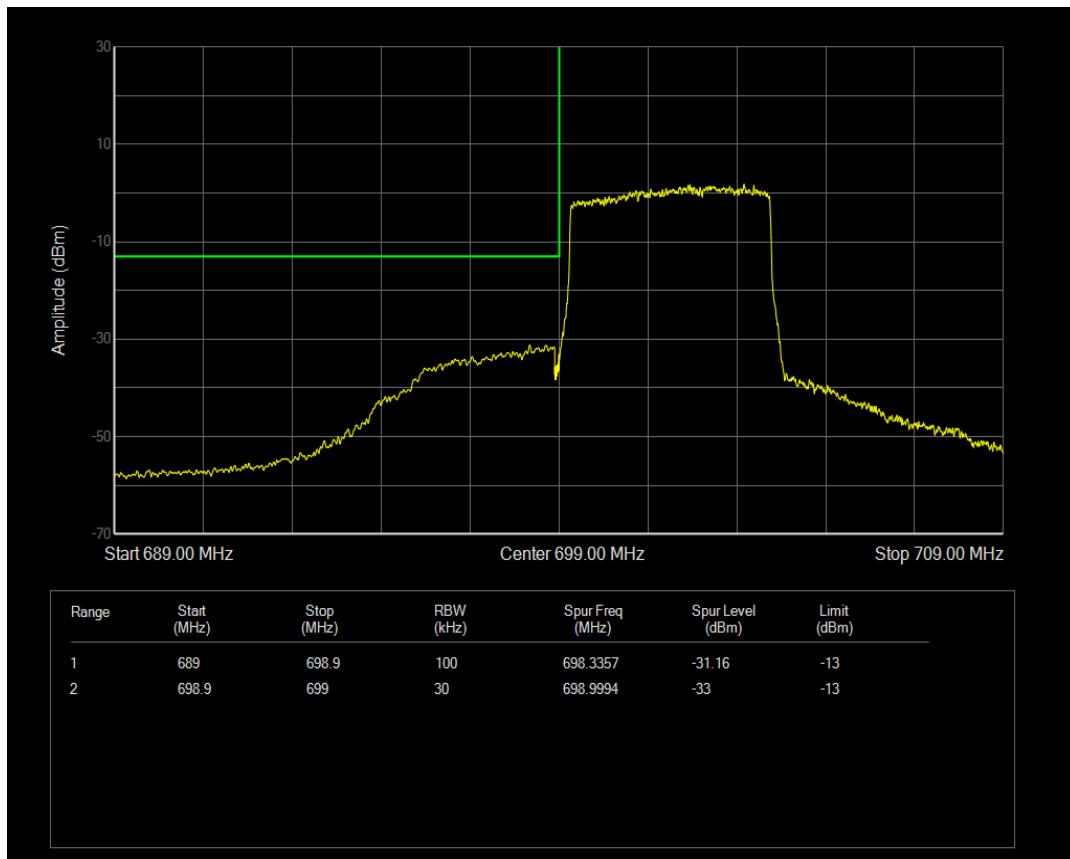


Band12 QPSK BW=5MHz Channel=23035 RB Size=25 Position=#0

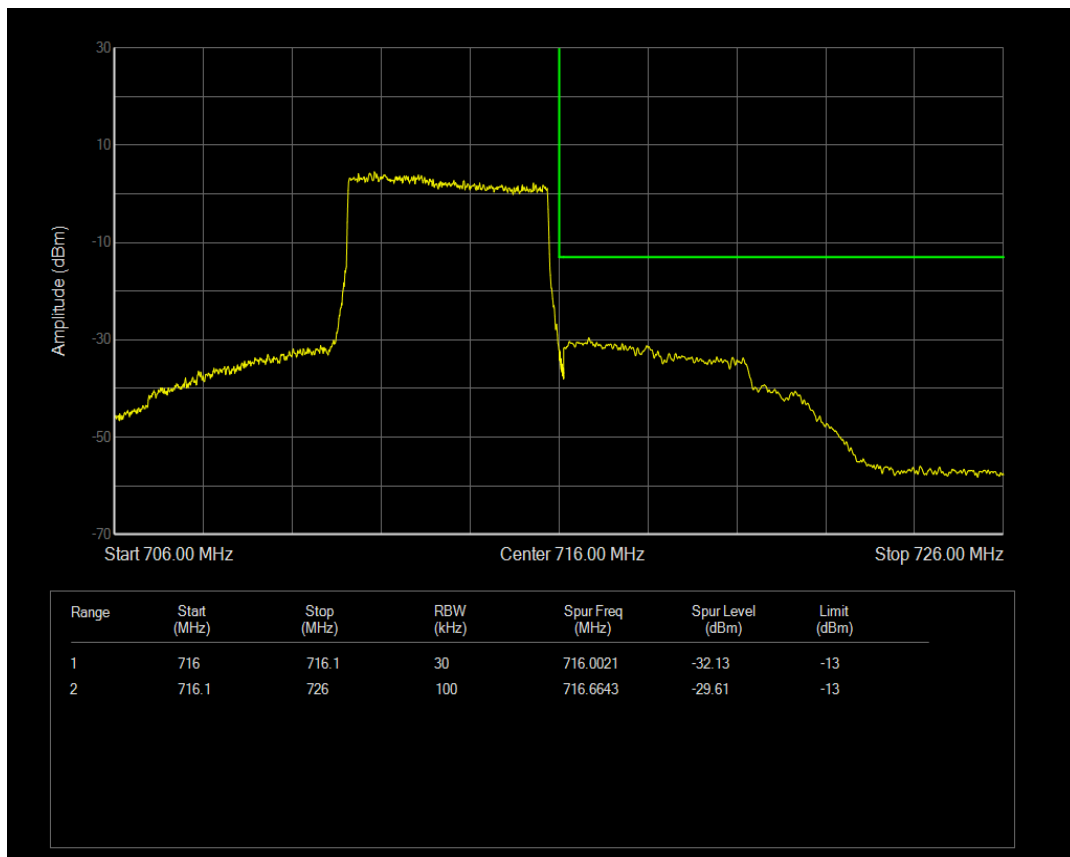


Band12 16QAM BW=5MHz Channel=23035 RB Size=25 Position=#0



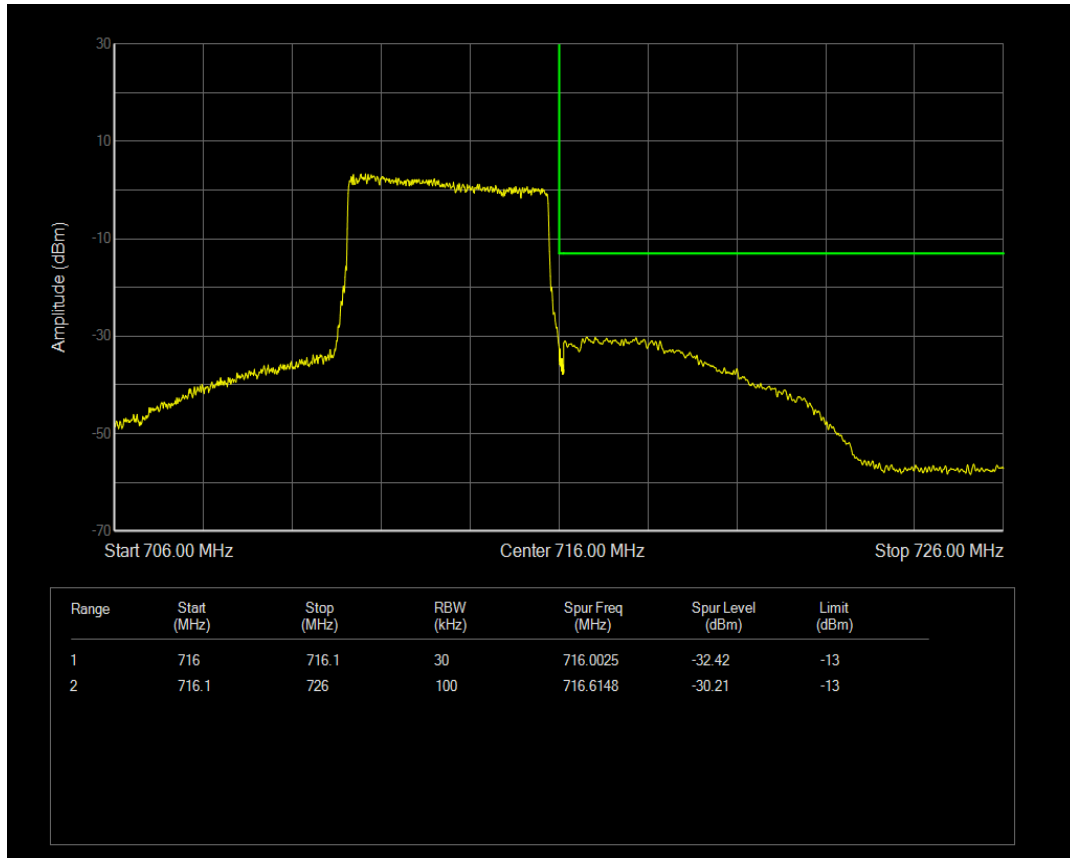


Band12 QPSK BW=5MHz Channel=23155 RB Size=25 Position=#0

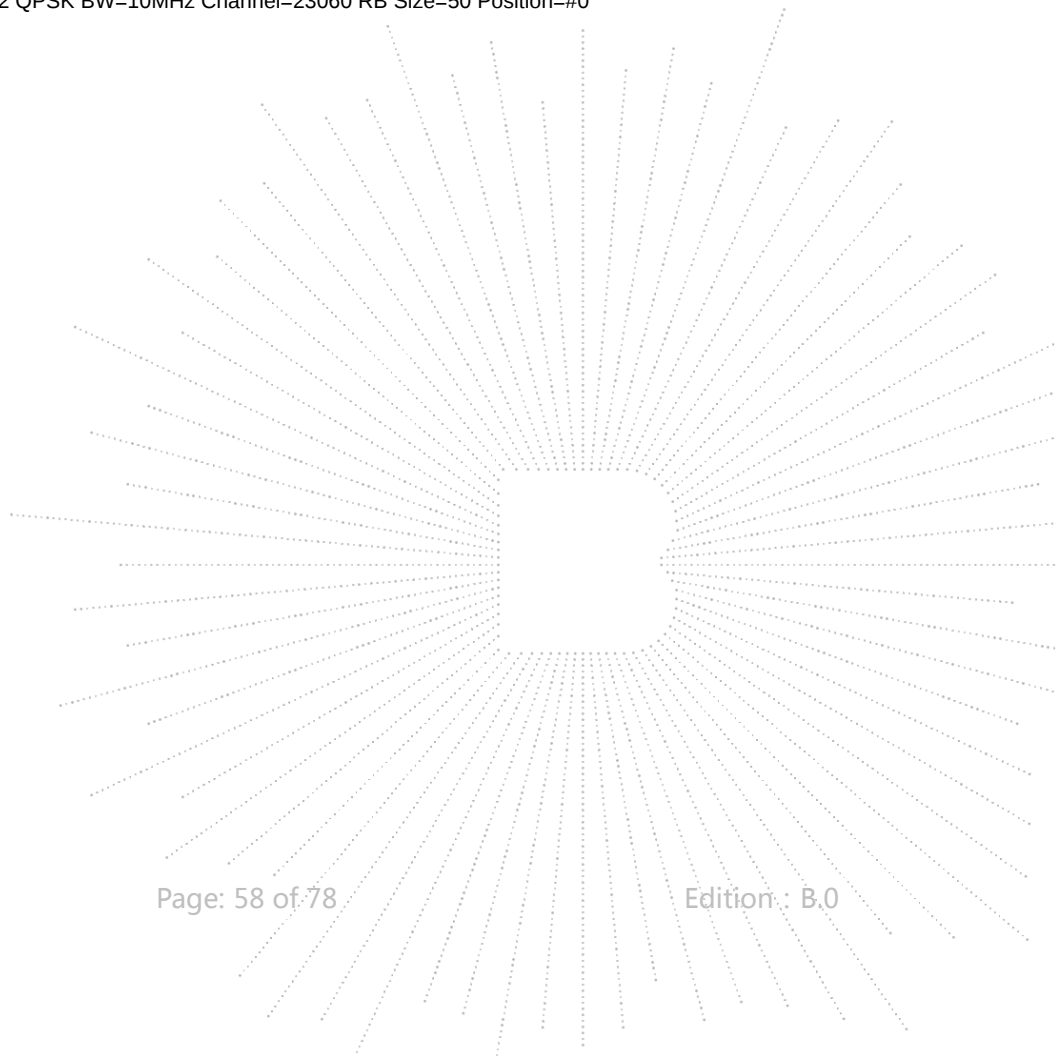


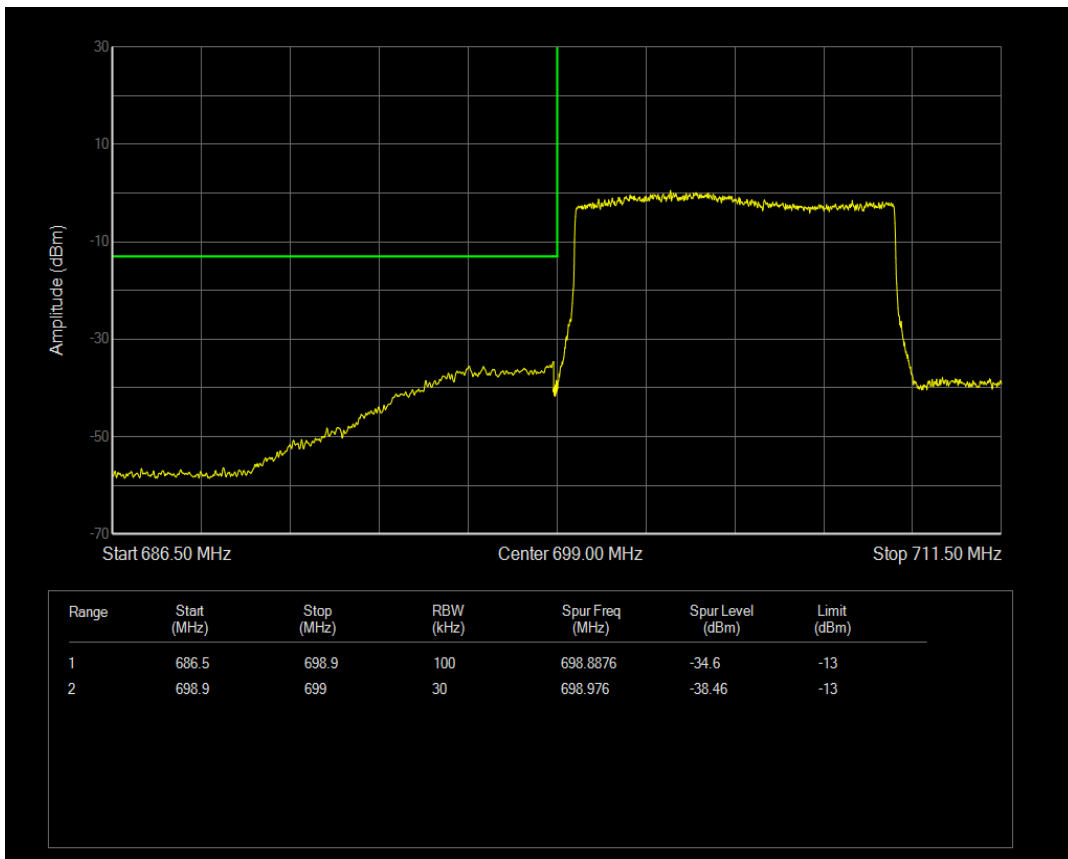


Band12 16QAM BW=5MHz Channel=23155 RB Size=25 Position=#0

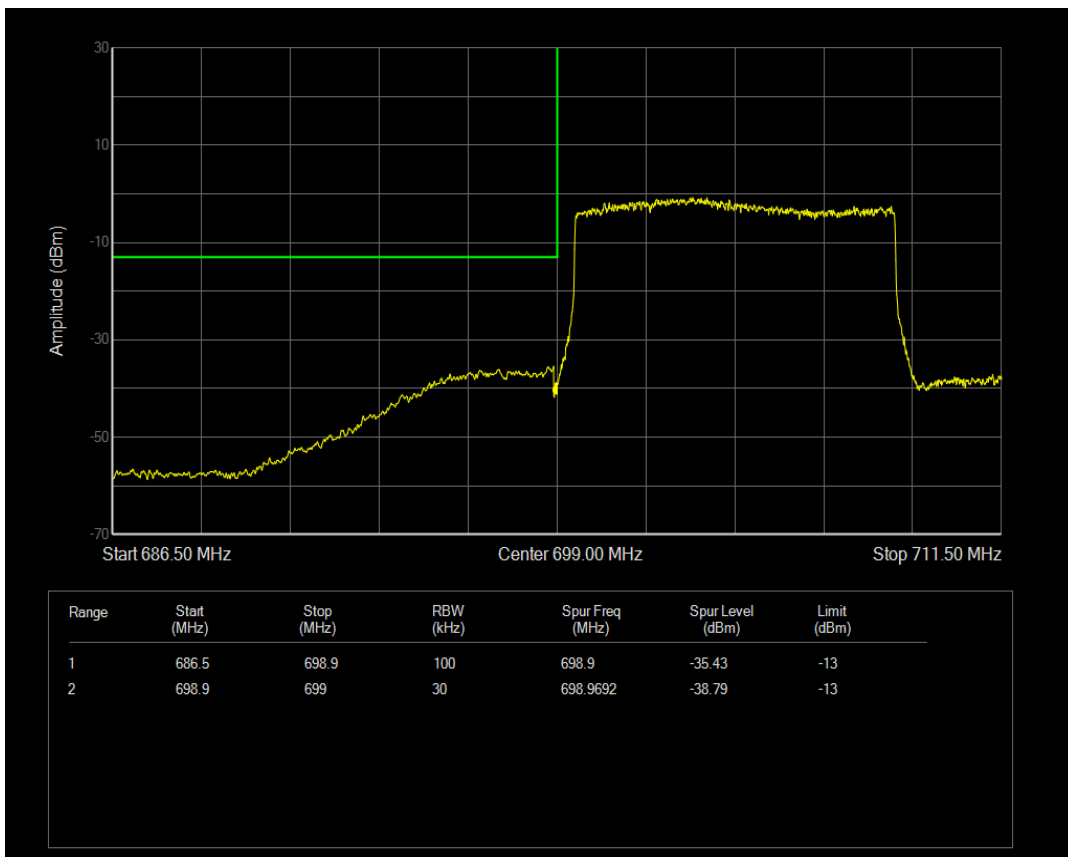


Band12 QPSK BW=10MHz Channel=23060 RB Size=50 Position=#0



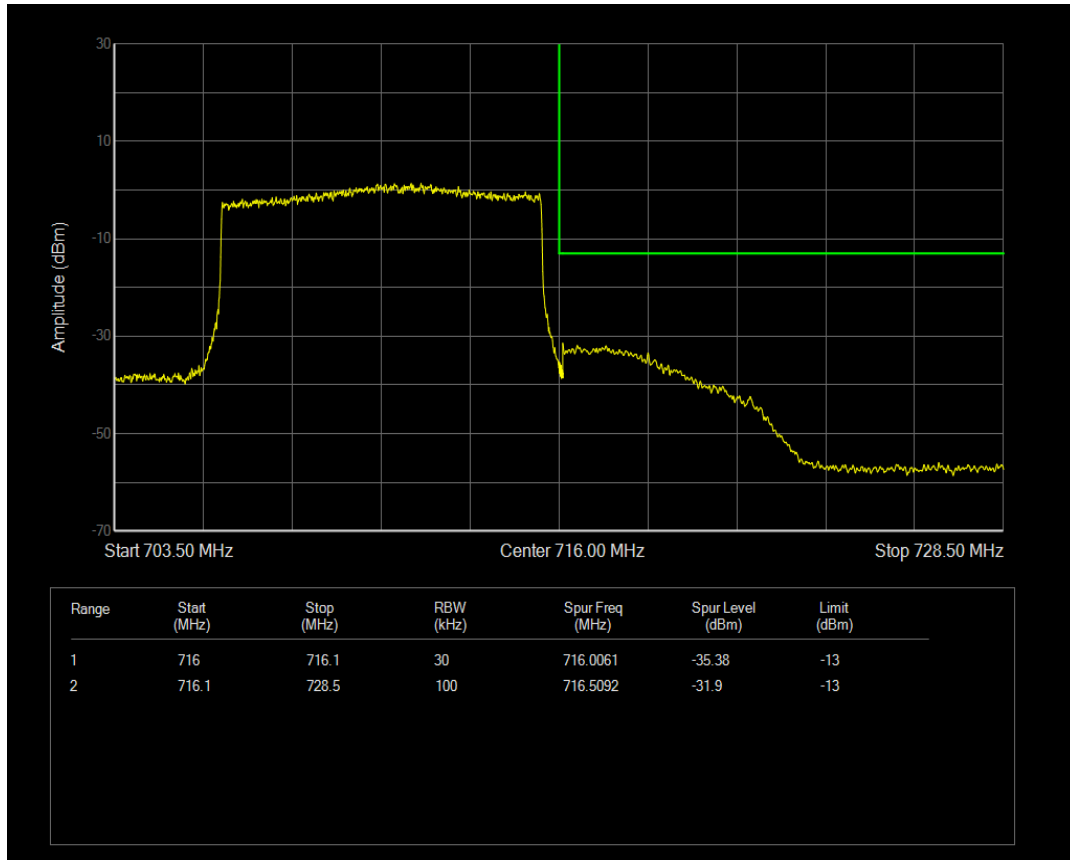


Band12 16QAM BW=10MHz Channel=23060 RB Size=50 Position=#0

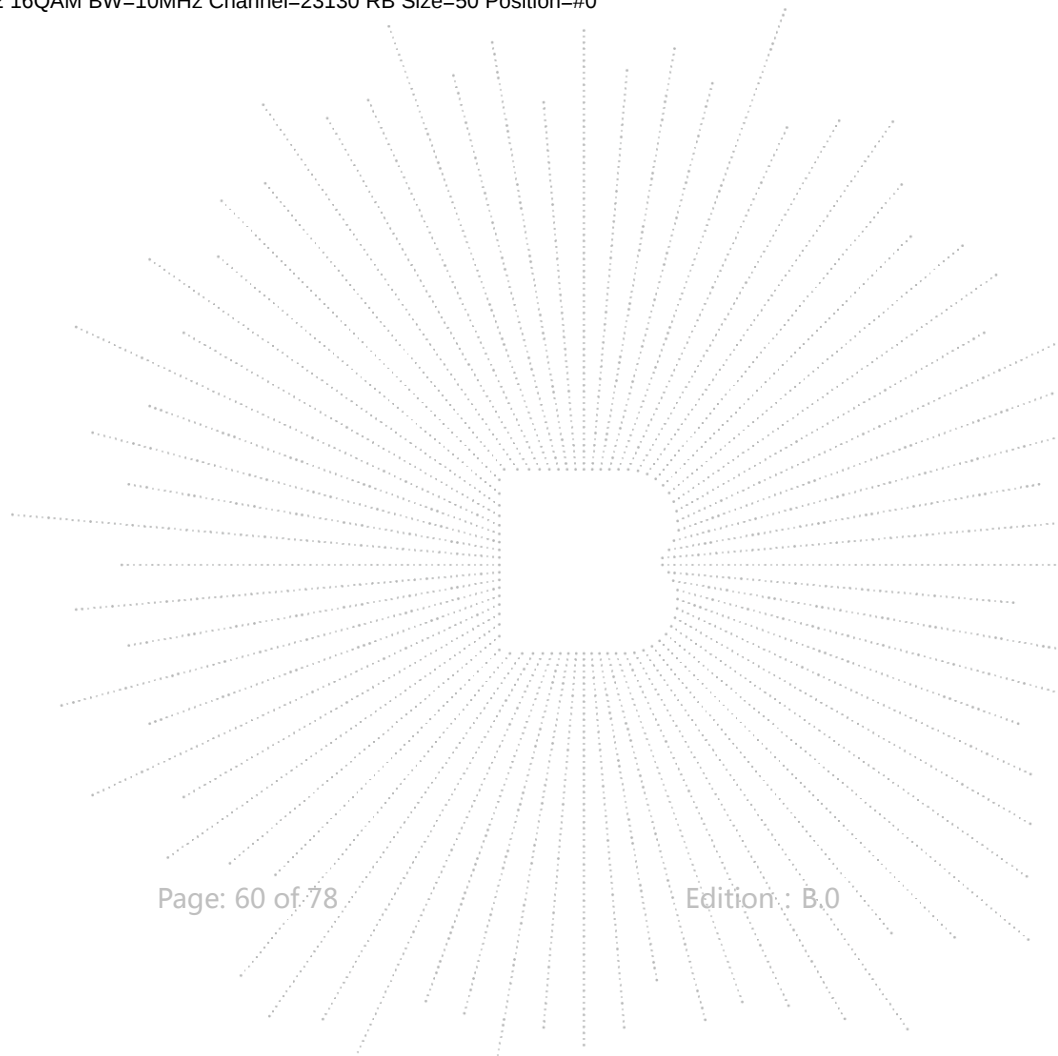


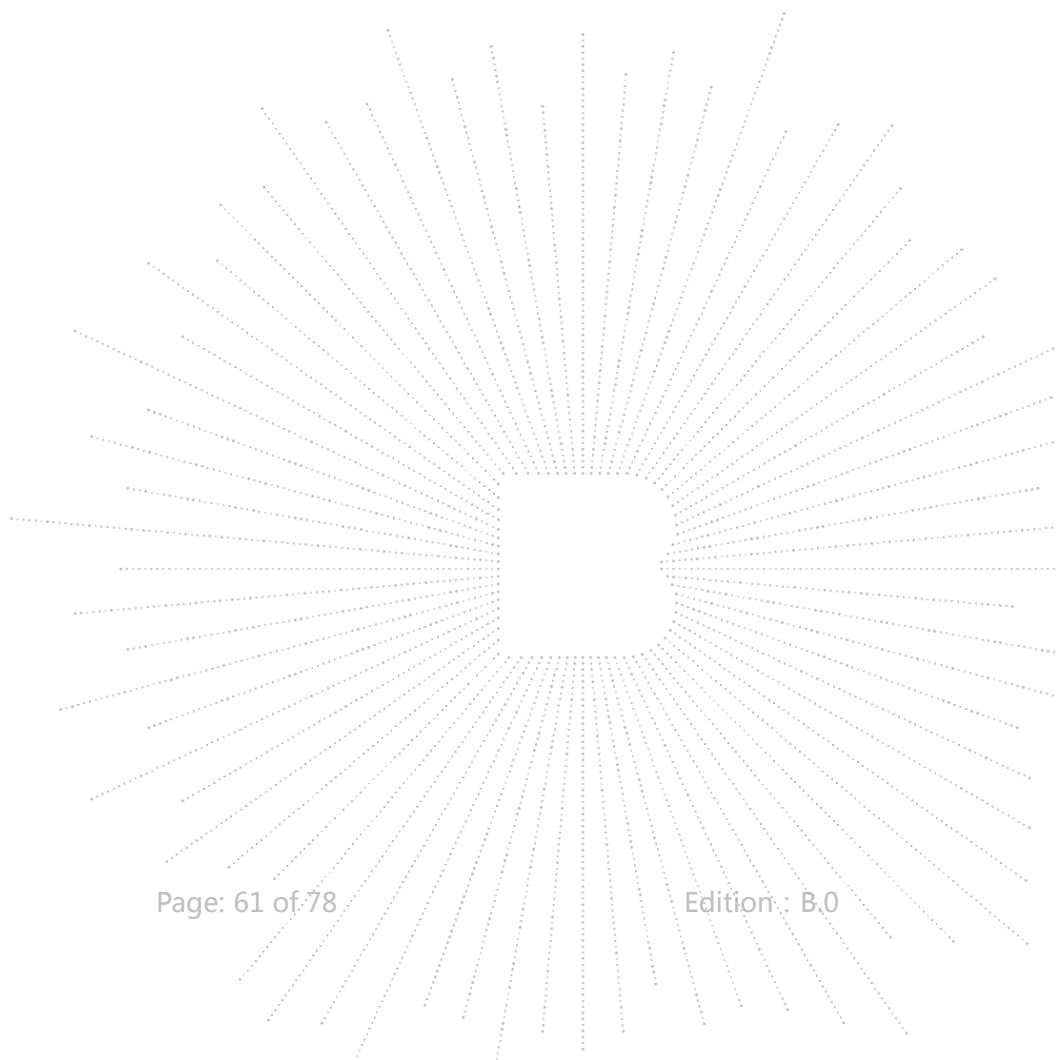
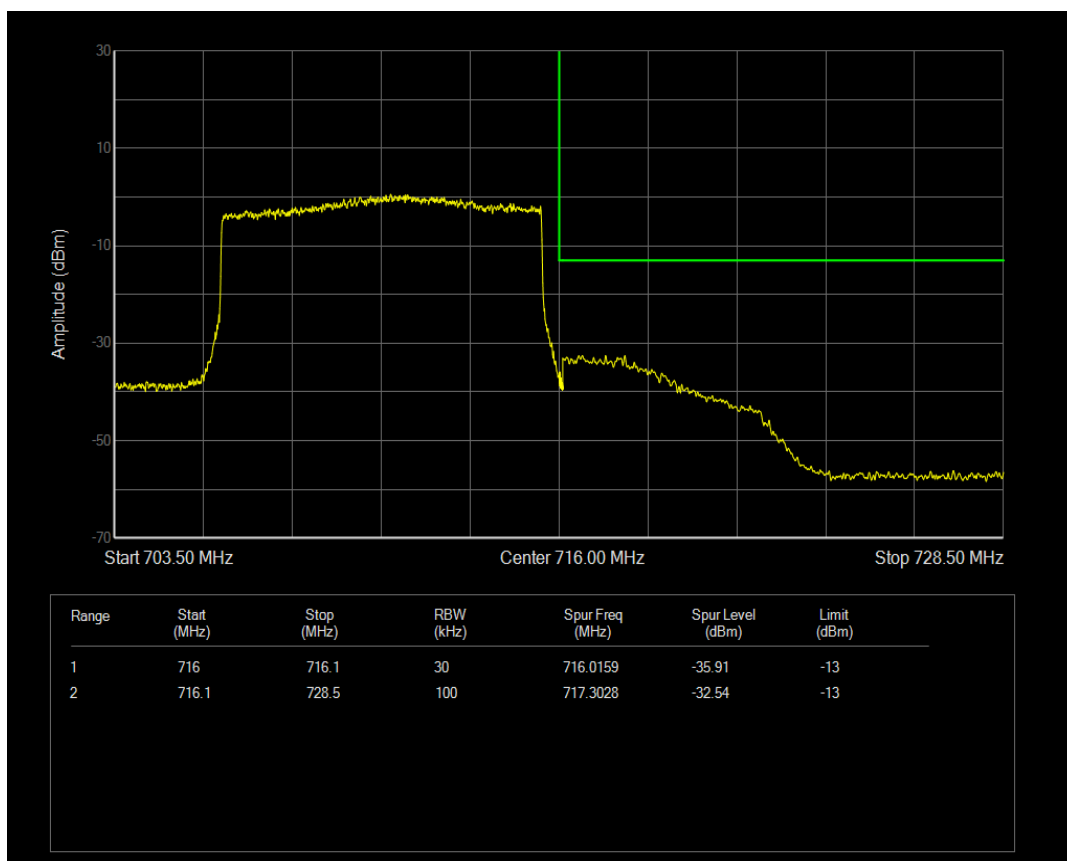


Band12 QPSK BW=10MHz Channel=23130 RB Size=50 Position=#0



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

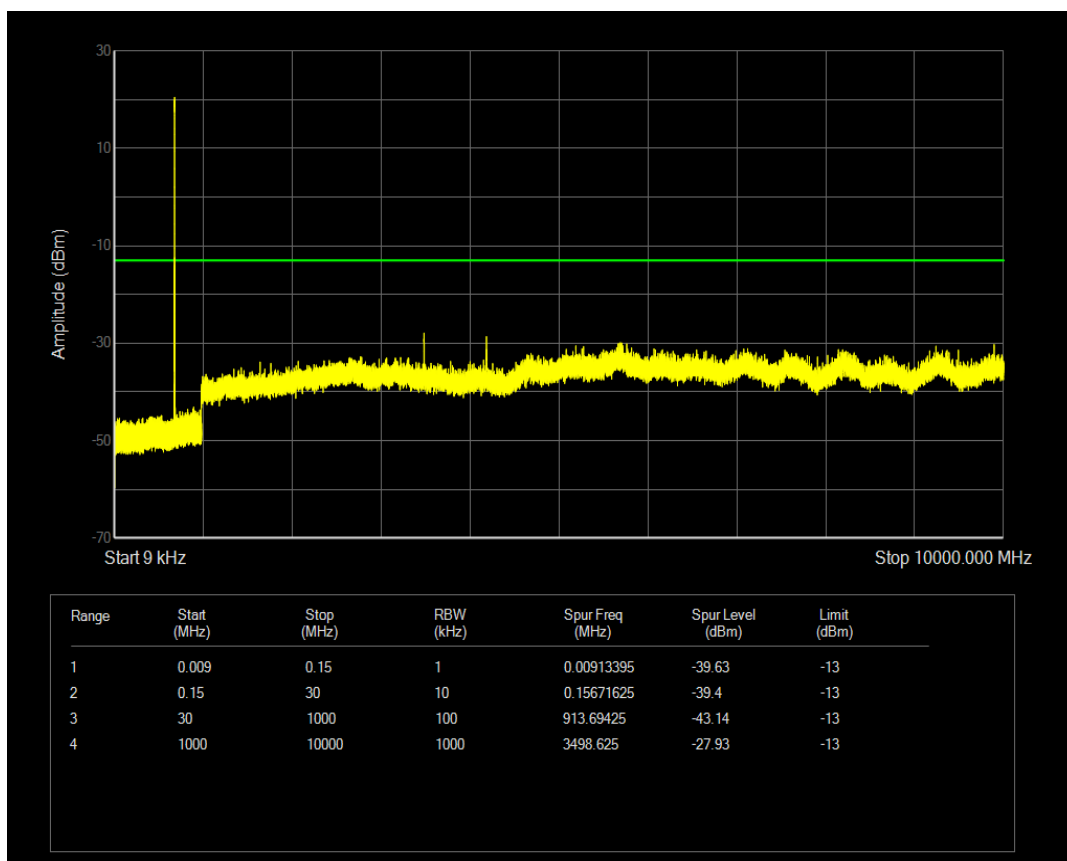




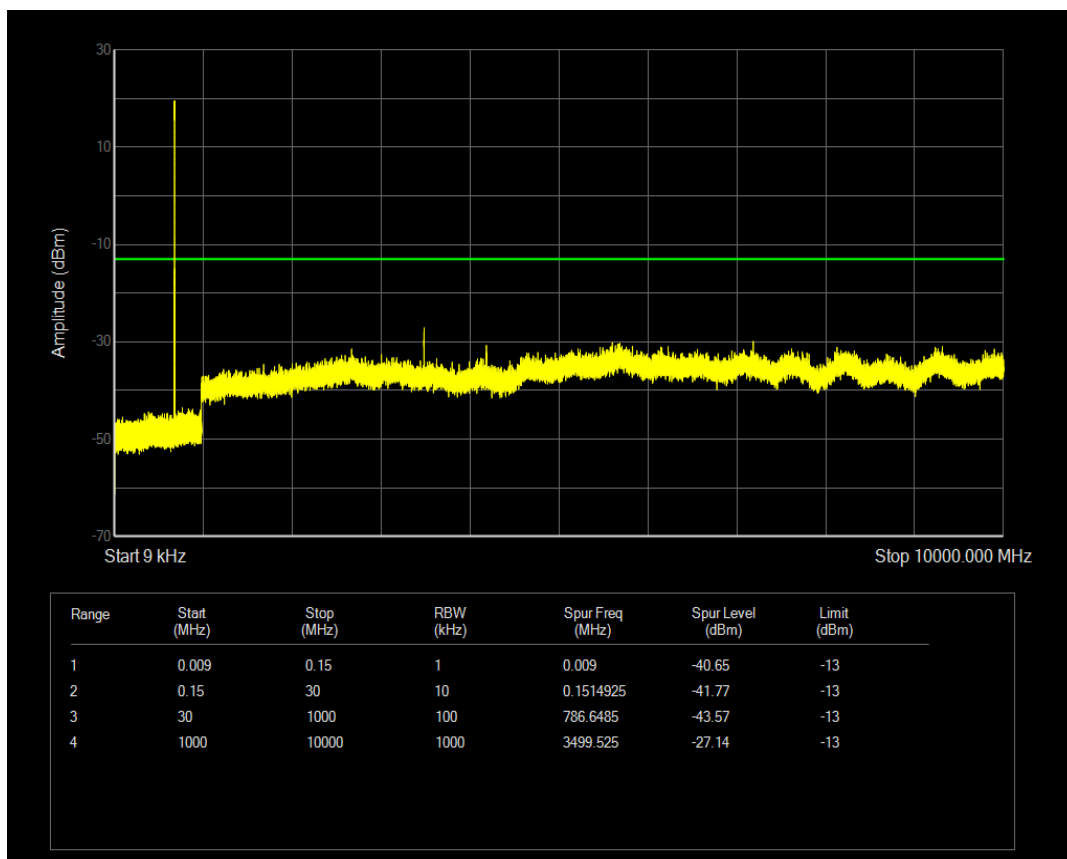
Appendix 6. Out-of-band emissions

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	3498.63	-27.93	-13	PASS
Band12	1.4	23017	6	#0	16QAM	3499.53	-27.14	-13	PASS
Band12	1.4	23095	6	#0	QPSK	3538.68	-23.70	-13	PASS
Band12	1.4	23095	6	#0	16QAM	3537.55	-22.31	-13	PASS
Band12	1.4	23173	6	#0	QPSK	3577.15	-22.86	-13	PASS
Band12	1.4	23173	6	#0	16QAM	3576.70	-26.31	-13	PASS
Band12	3	23025	15	#0	QPSK	3502.90	-28.72	-13	PASS
Band12	3	23025	15	#0	16QAM	7148.13	-29.01	-13	PASS
Band12	3	23095	15	#0	QPSK	3538.45	-26.43	-13	PASS
Band12	3	23095	15	#0	16QAM	3538.90	-25.47	-13	PASS
Band12	3	23165	15	#0	QPSK	3573.55	-27.96	-13	PASS
Band12	3	23165	15	#0	16QAM	3571.75	-28.46	-13	PASS
Band12	5	23035	25	#0	QPSK	5650.08	-30.05	-13	PASS
Band12	5	23035	25	#0	16QAM	5752.90	-30.26	-13	PASS
Band12	5	23095	25	#0	QPSK	5695.53	-28.19	-13	PASS
Band12	5	23095	25	#0	16QAM	3544.53	-27.85	-13	PASS
Band12	5	23155	25	#0	QPSK	3571.08	-29.82	-13	PASS
Band12	5	23155	25	#0	16QAM	5712.40	-29.86	-13	PASS
Band12	10	23060	50	#0	QPSK	5527.90	-29.44	-13	PASS
Band12	10	23060	50	#0	16QAM	8192.13	-29.16	-13	PASS
Band12	10	23095	50	#0	QPSK	5697.55	-30.56	-13	PASS
Band12	10	23095	50	#0	16QAM	5843.13	-30.66	-13	PASS
Band12	10	23130	50	#0	QPSK	6690.25	-30.03	-13	PASS
Band12	10	23130	50	#0	16QAM	5478.40	-30.20	-13	PASS

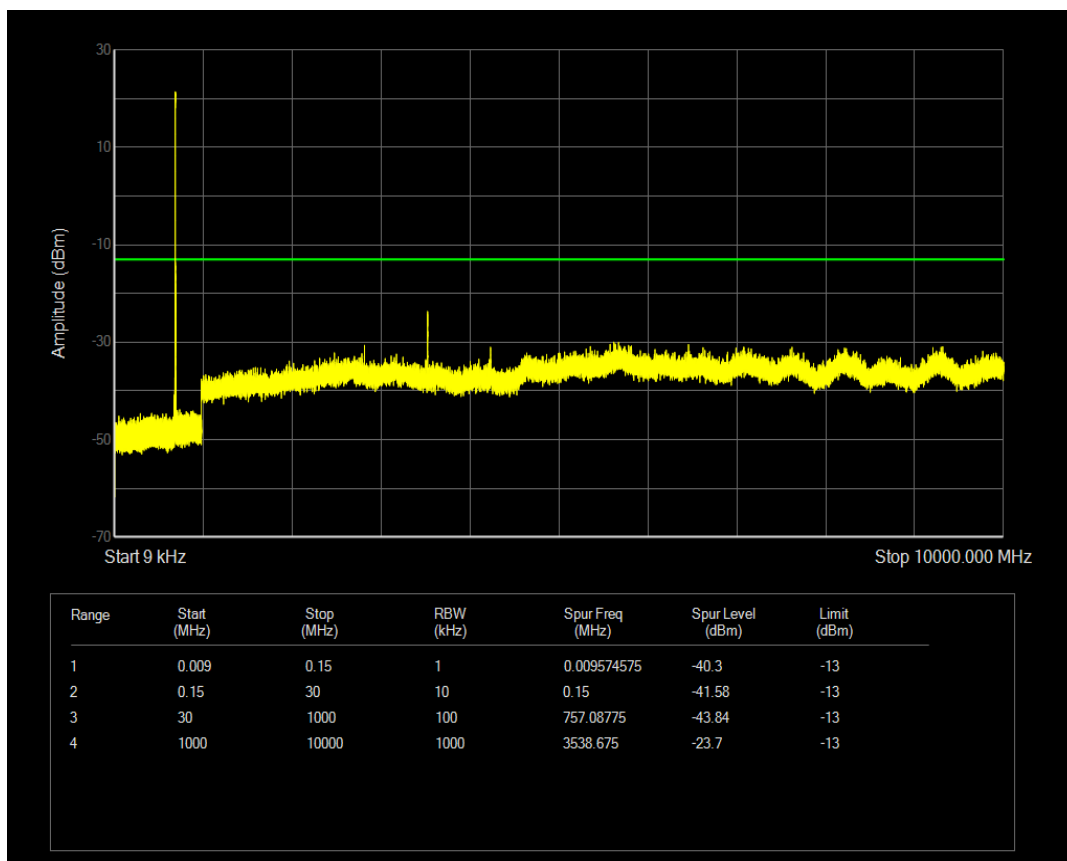
Band12 QPSK BW=1.4MHz Channel=23017 RB Size=6 Position=#0



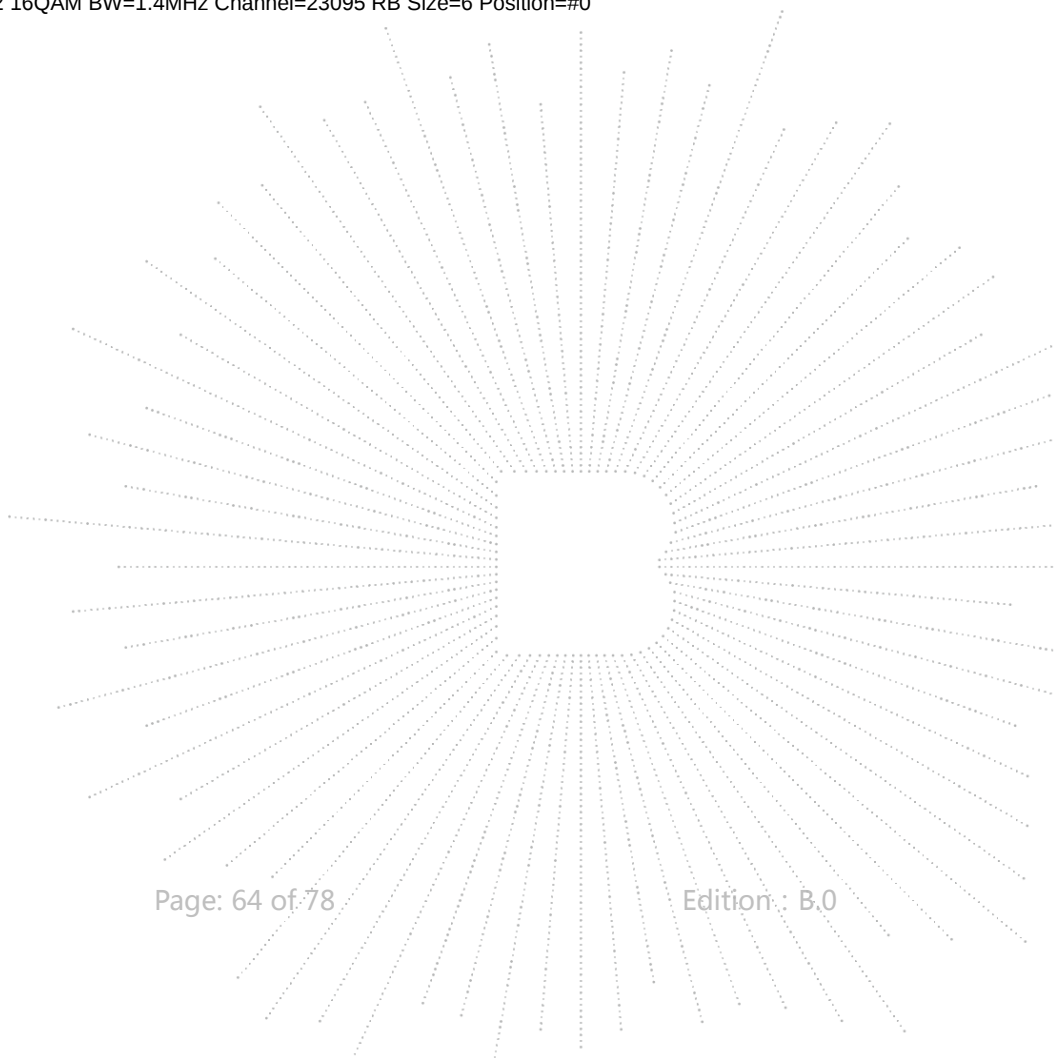
Band12 16QAM BW=1.4MHz Channel=23017 RB Size=6 Position=#0

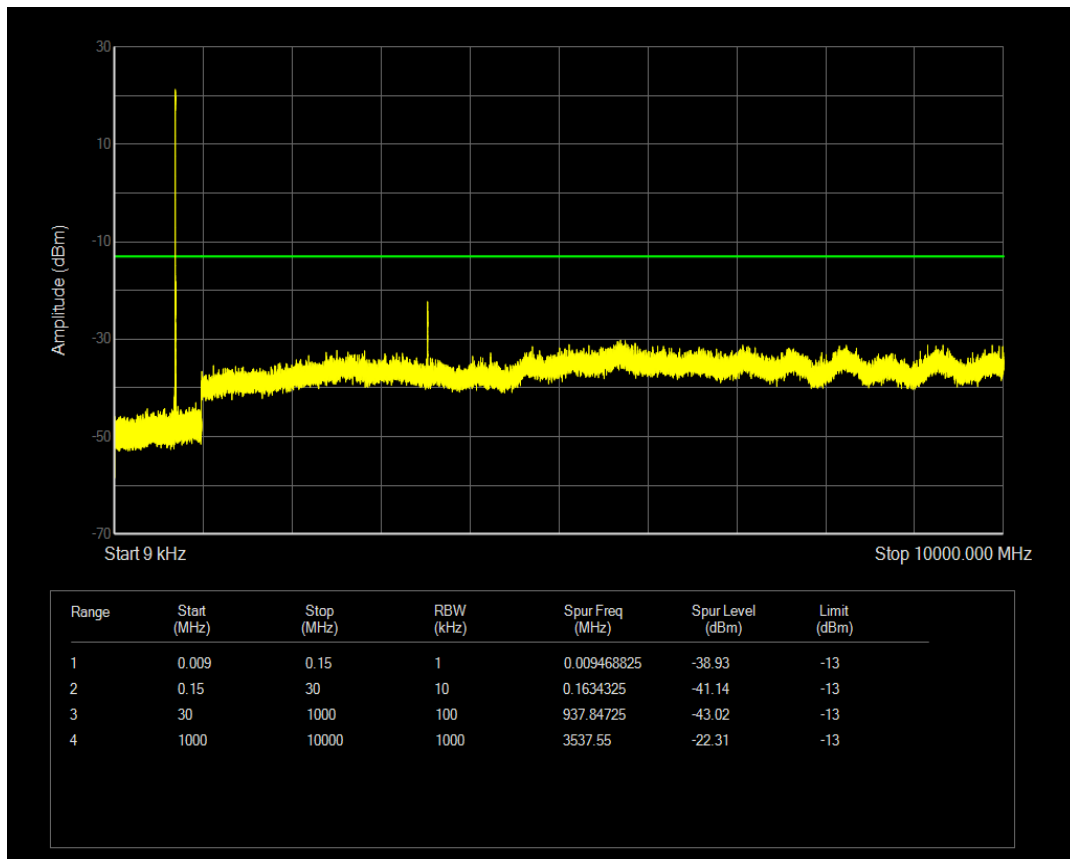


Band12 QPSK BW=1.4MHz Channel=23095 RB Size=6 Position=#0

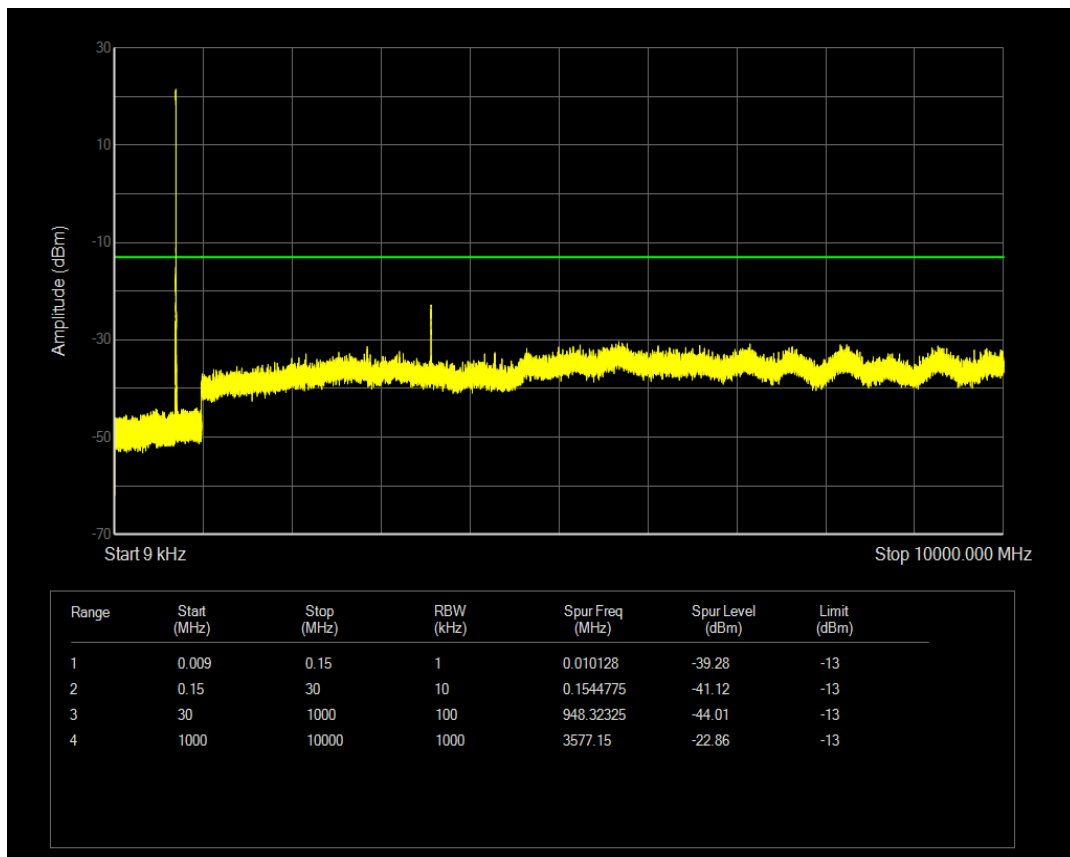


Band12 16QAM BW=1.4MHz Channel=23095 RB Size=6 Position=#0

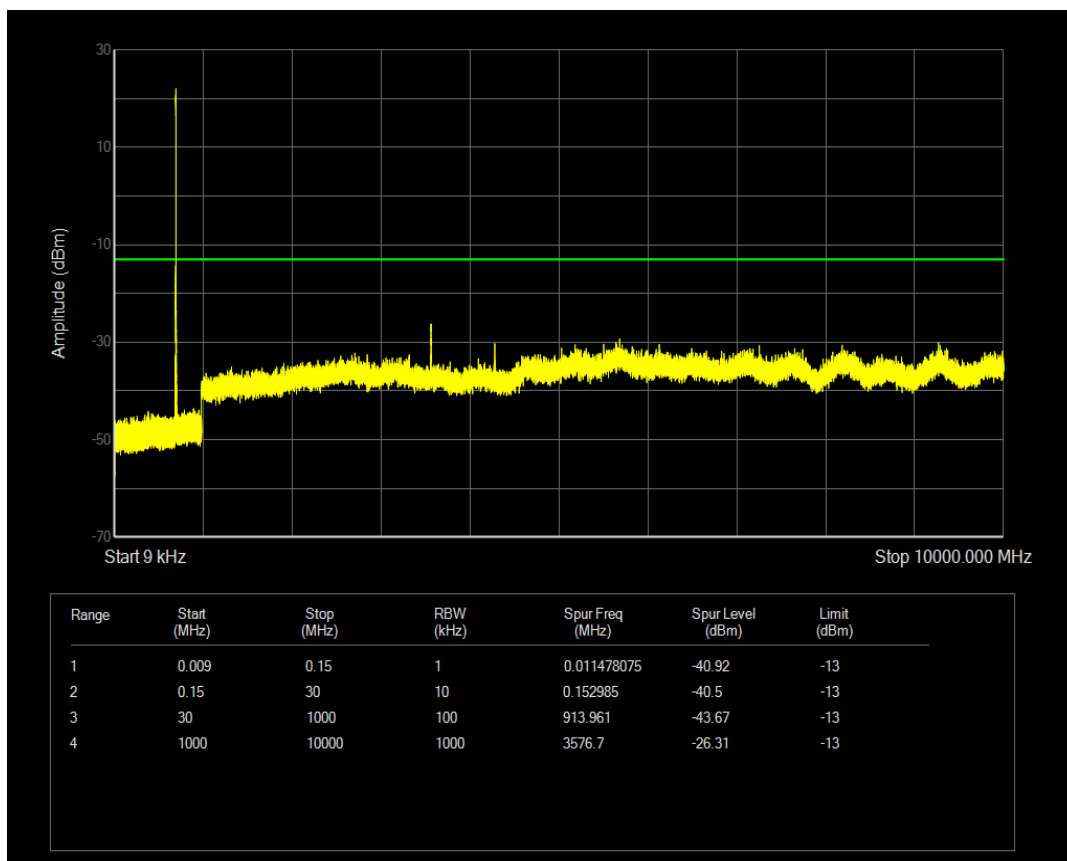




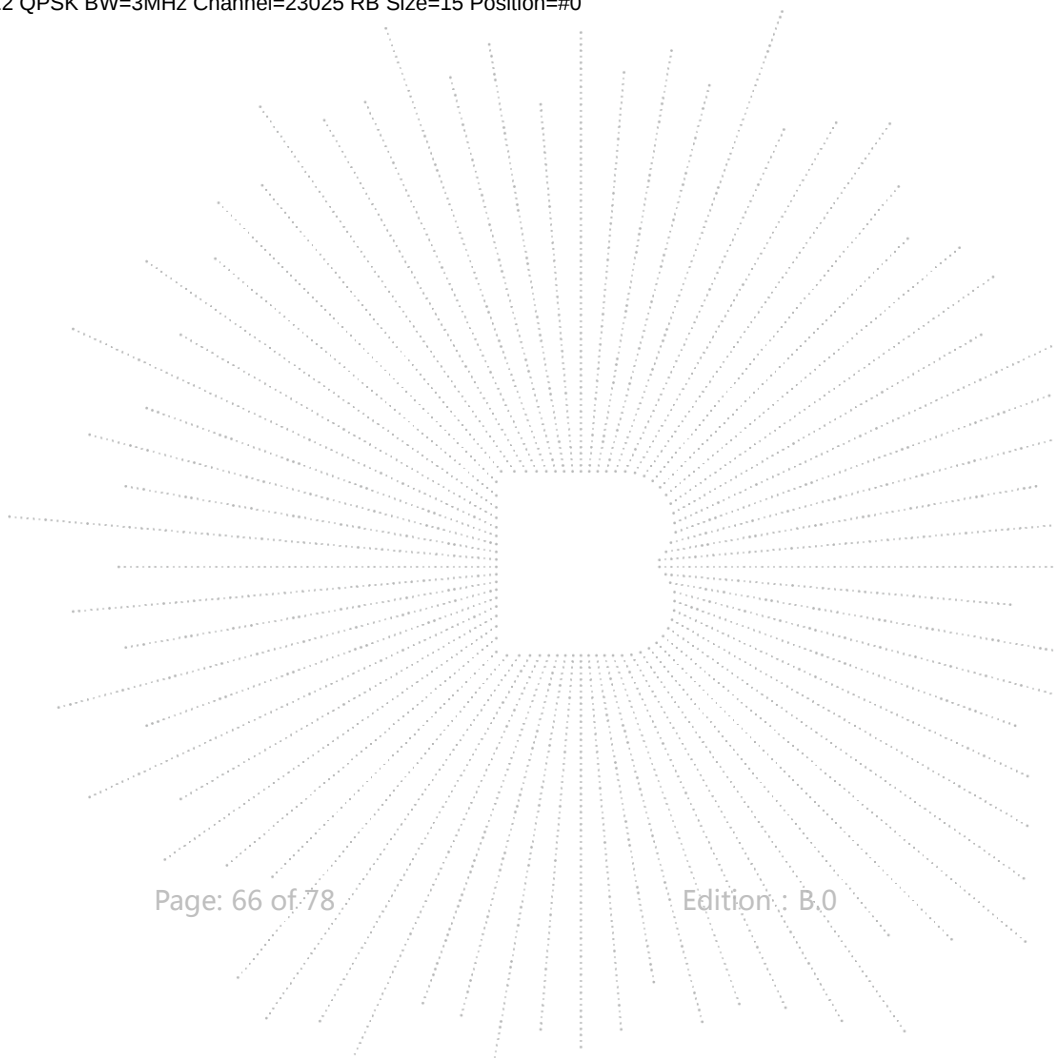
Band12 QPSK BW=1.4MHz Channel=23173 RB Size=6 Position=#0

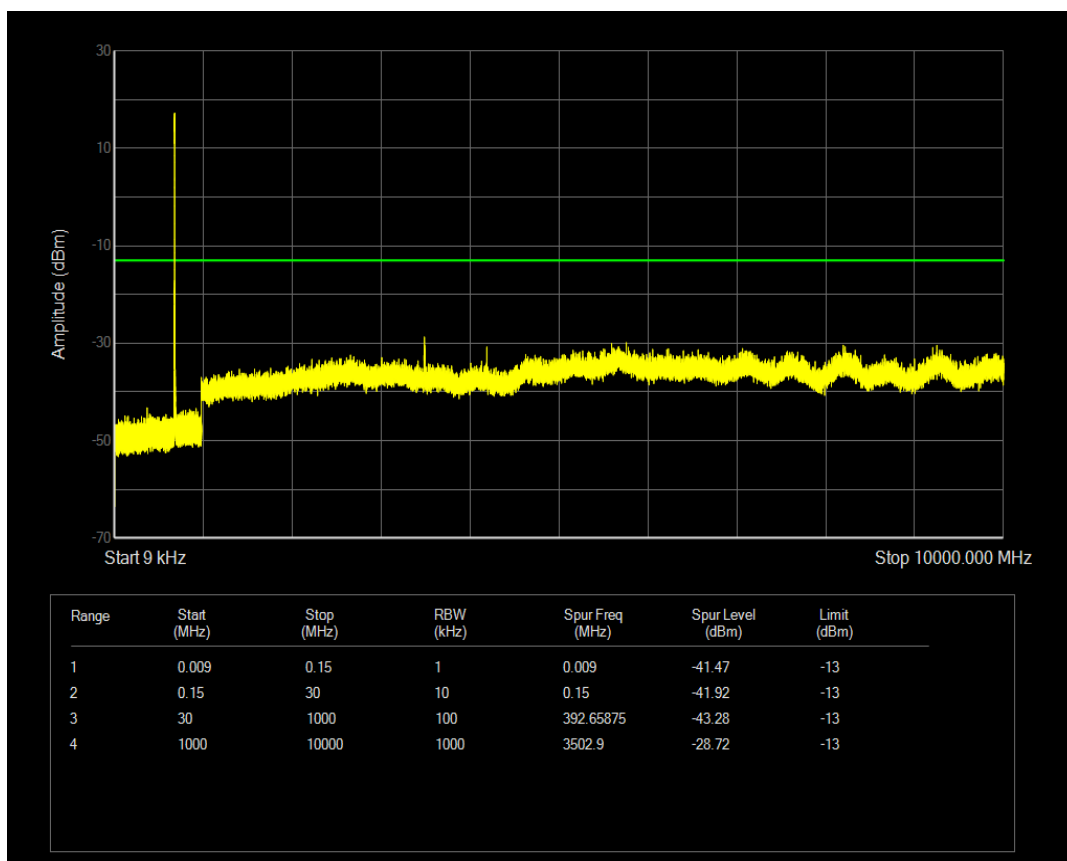


Band12 16QAM BW=1.4MHz Channel=23173 RB Size=6 Position=#0

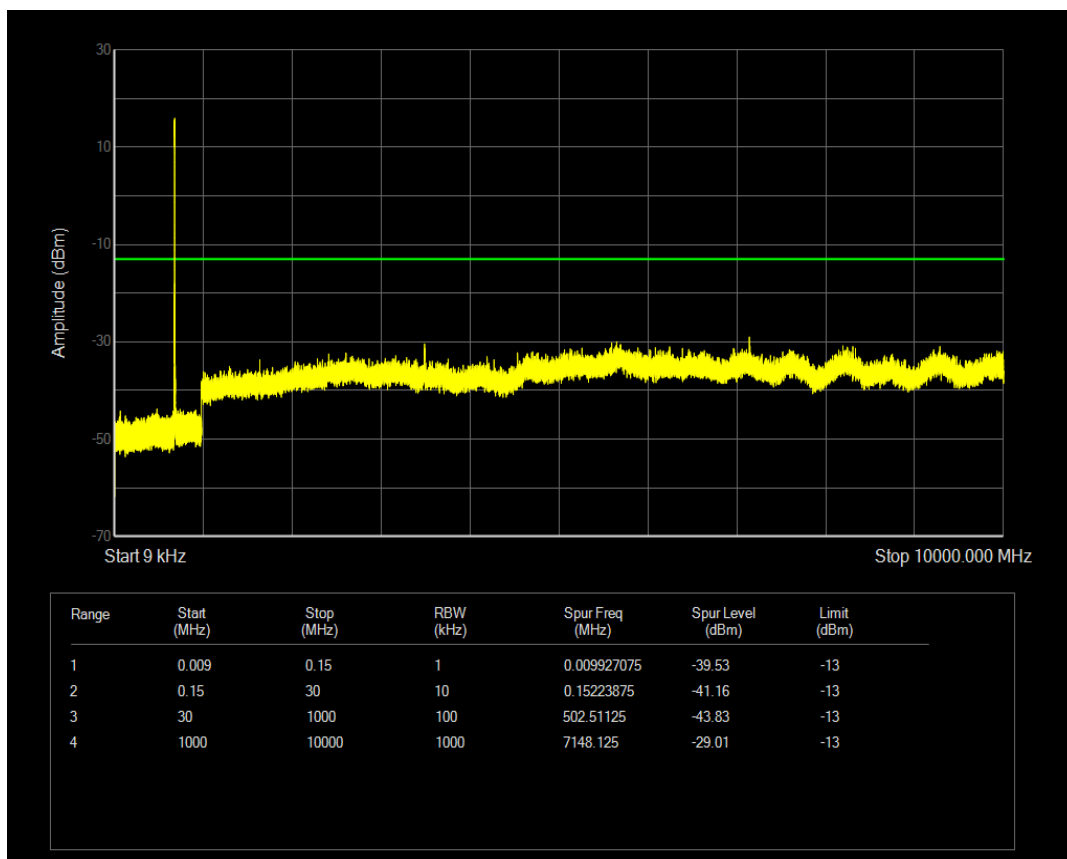


Band12 QPSK BW=3MHz Channel=23025 RB Size=15 Position=#0

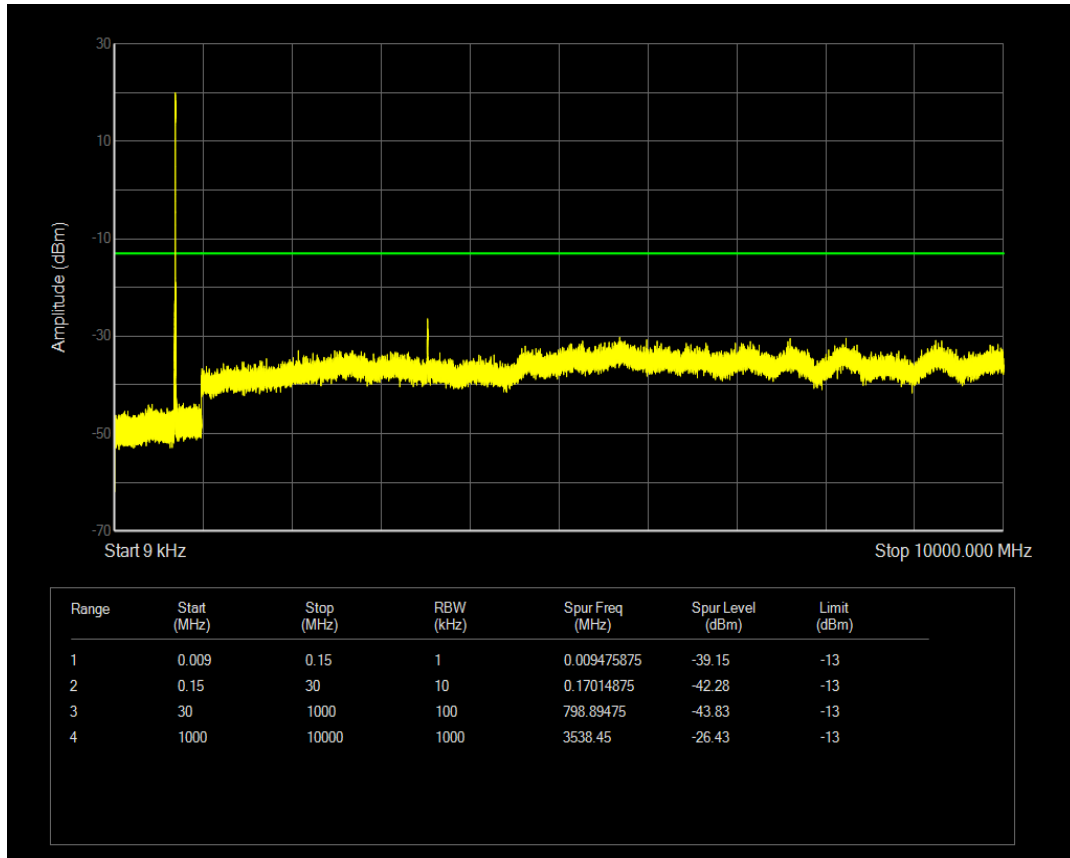




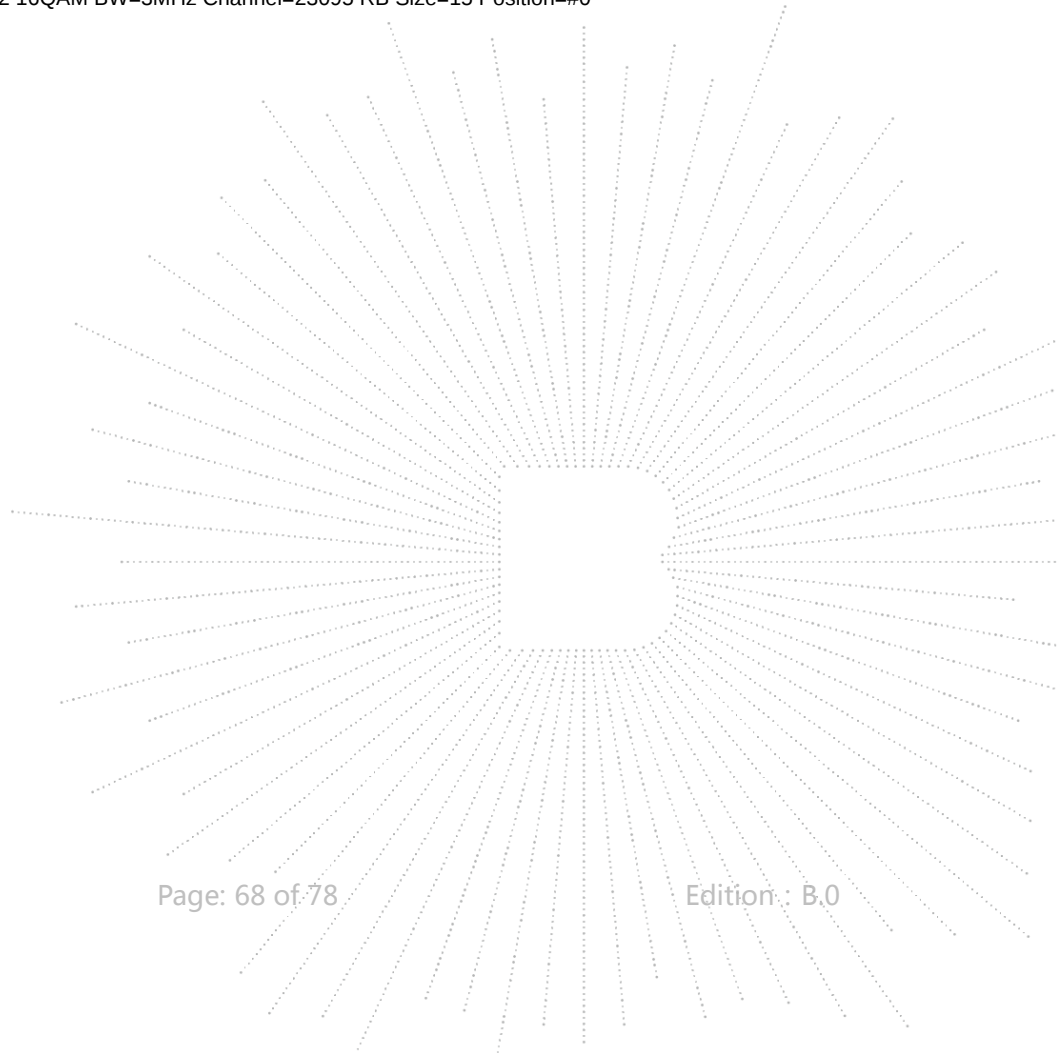
Band12 16QAM BW=3MHz Channel=23025 RB Size=15 Position=#0

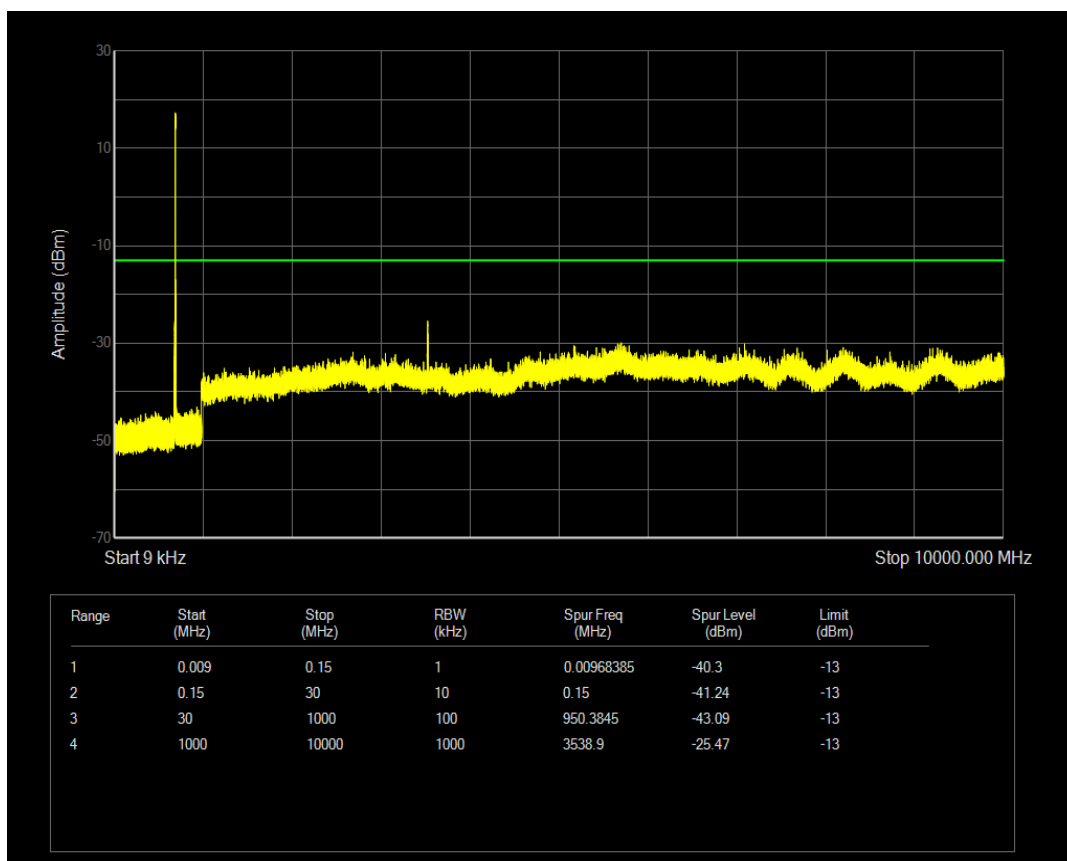


Band12 QPSK BW=3MHz Channel=23095 RB Size=15 Position=#0

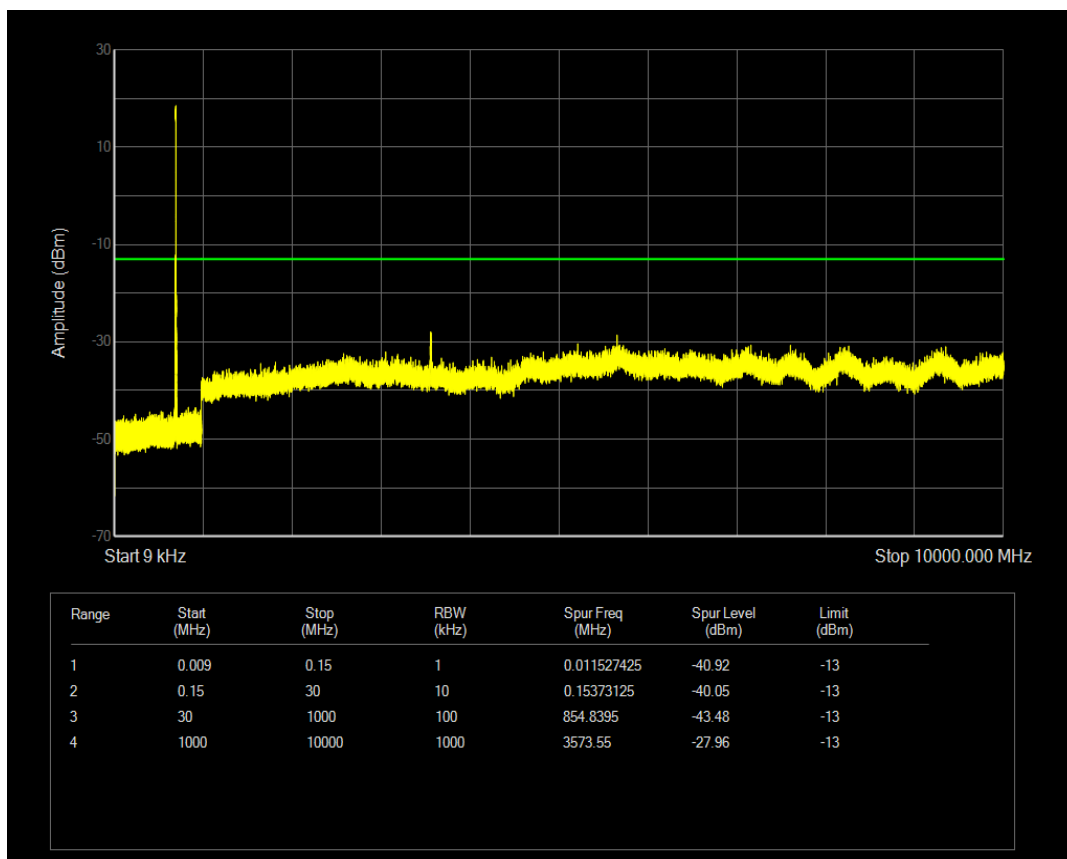


Band12 16QAM BW=3MHz Channel=23095 RB Size=15 Position=#0

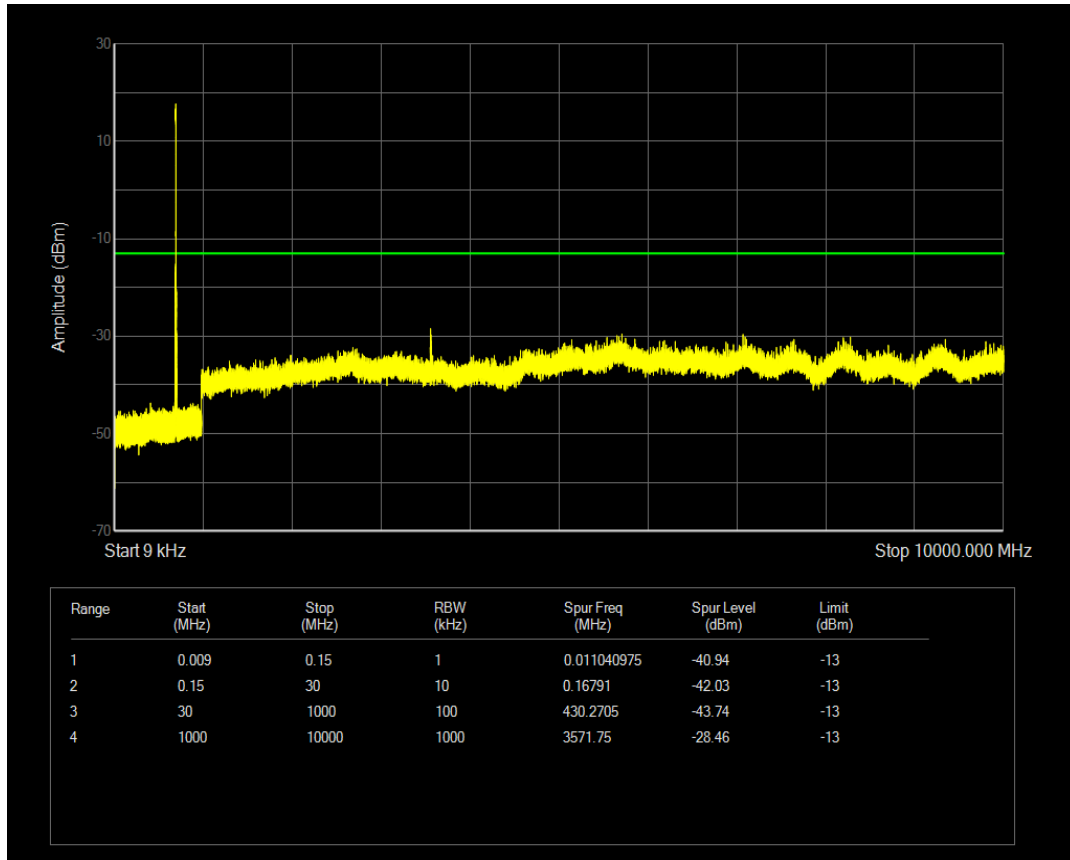




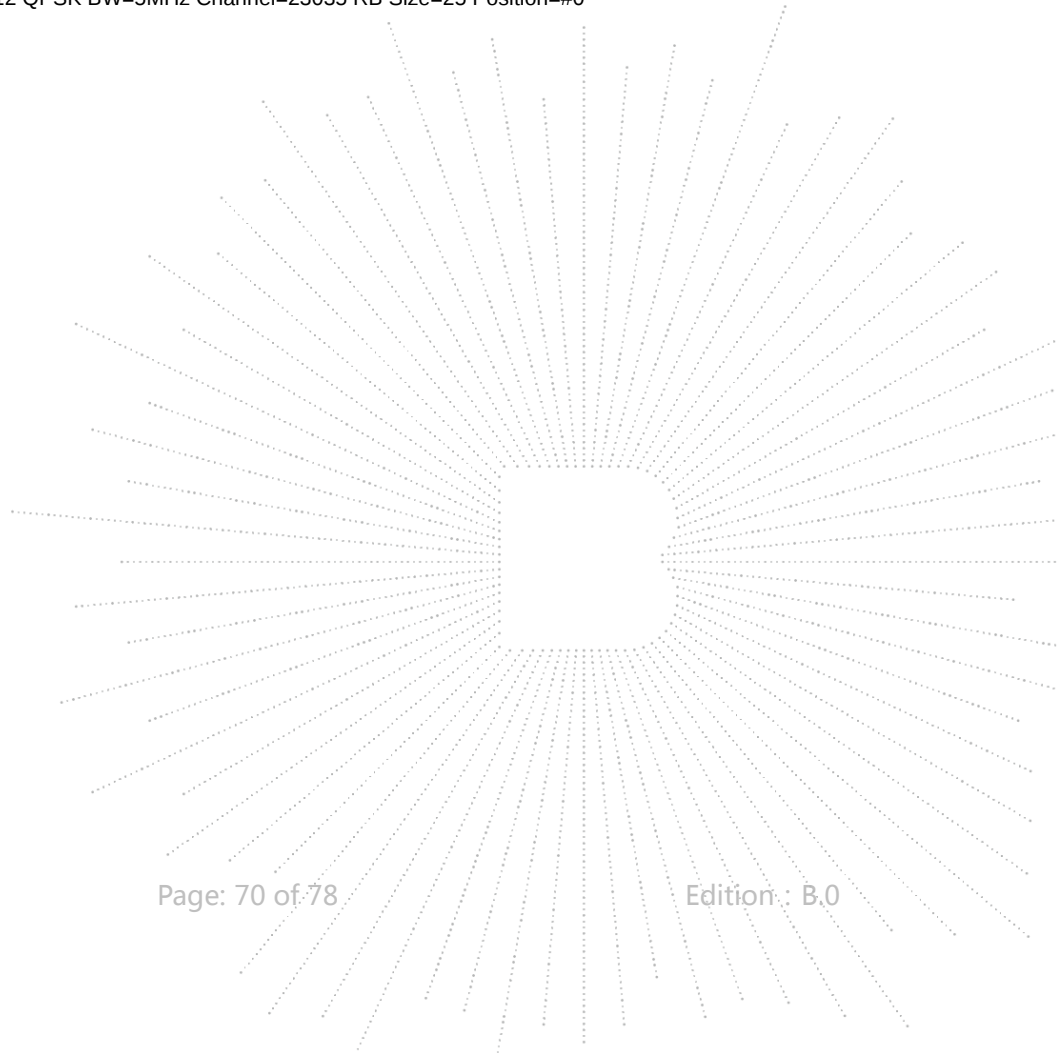
Band12 QPSK BW=3MHz Channel=23165 RB Size=15 Position=#0

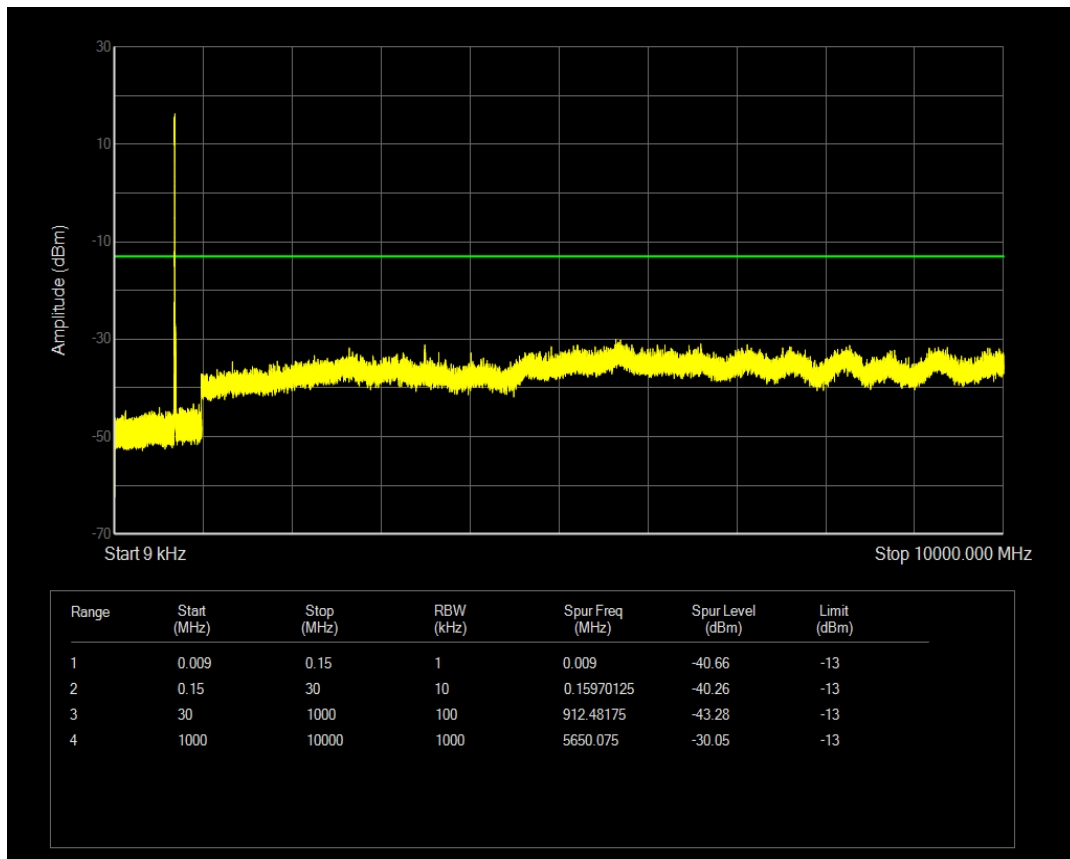


Band12 16QAM BW=3MHz Channel=23165 RB Size=15 Position=#0

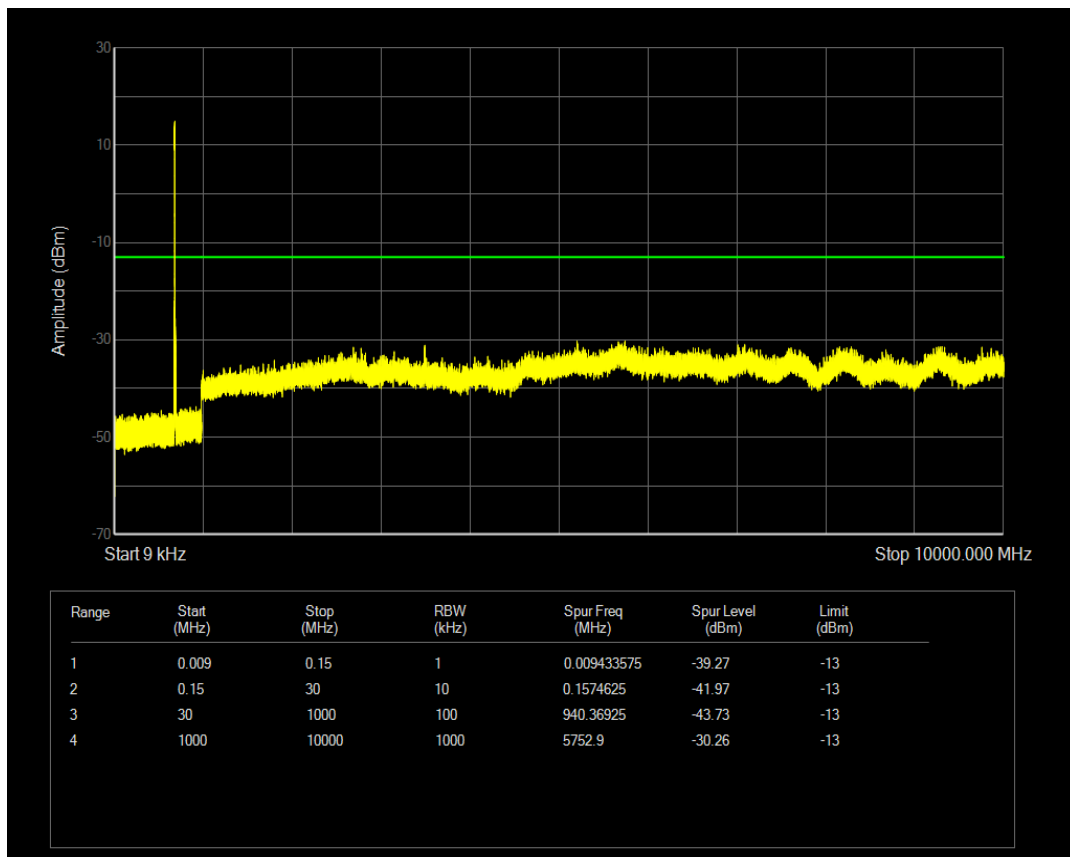


Band12 QPSK BW=5MHz Channel=23035 RB Size=25 Position=#0

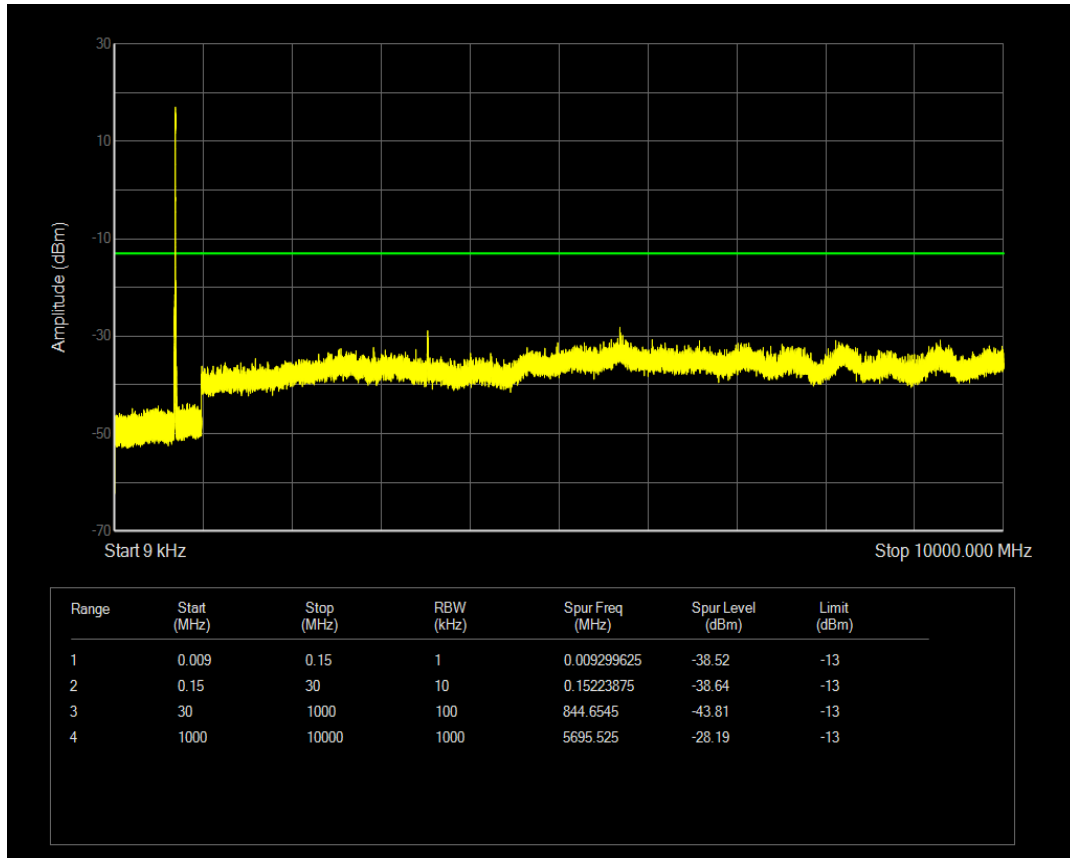




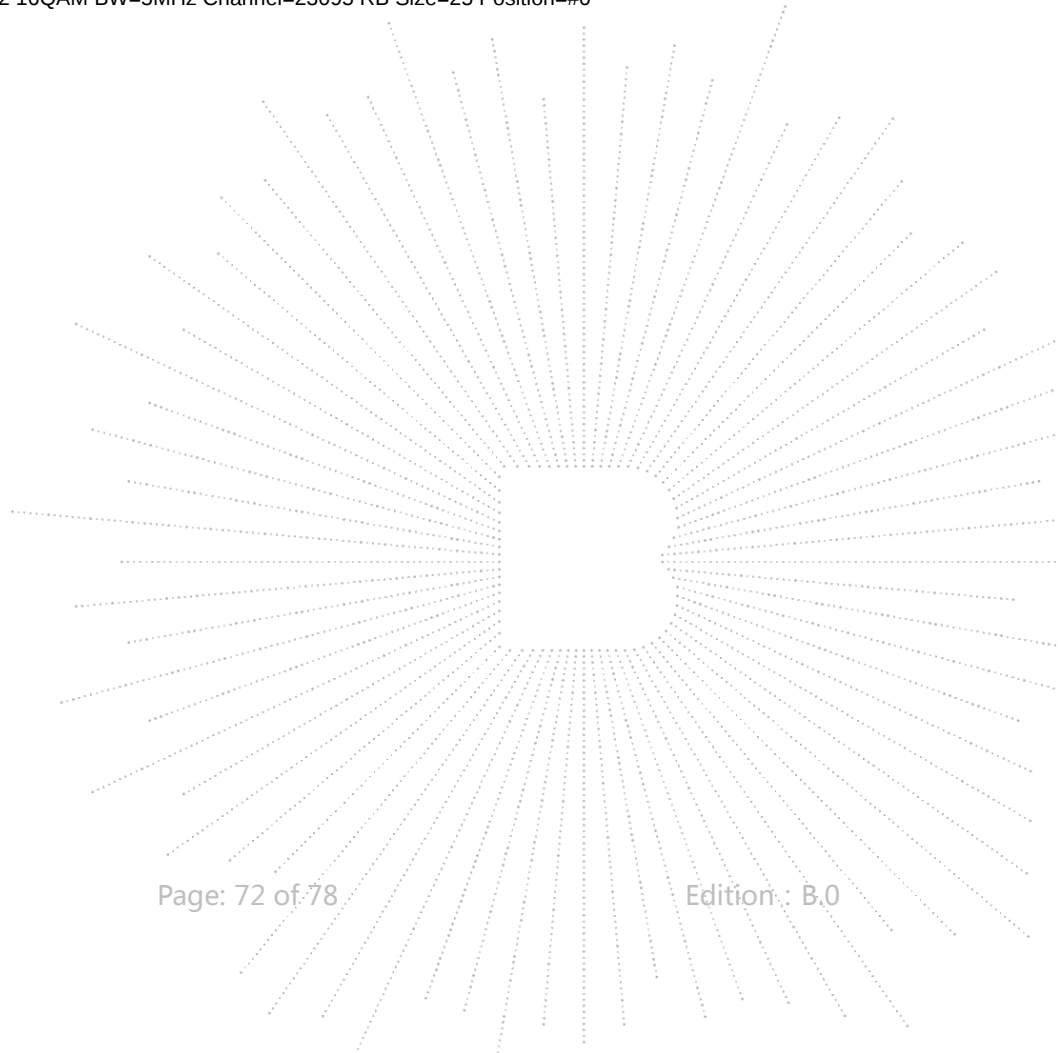
Band12 16QAM BW=5MHz Channel=23035 RB Size=25 Position=#0

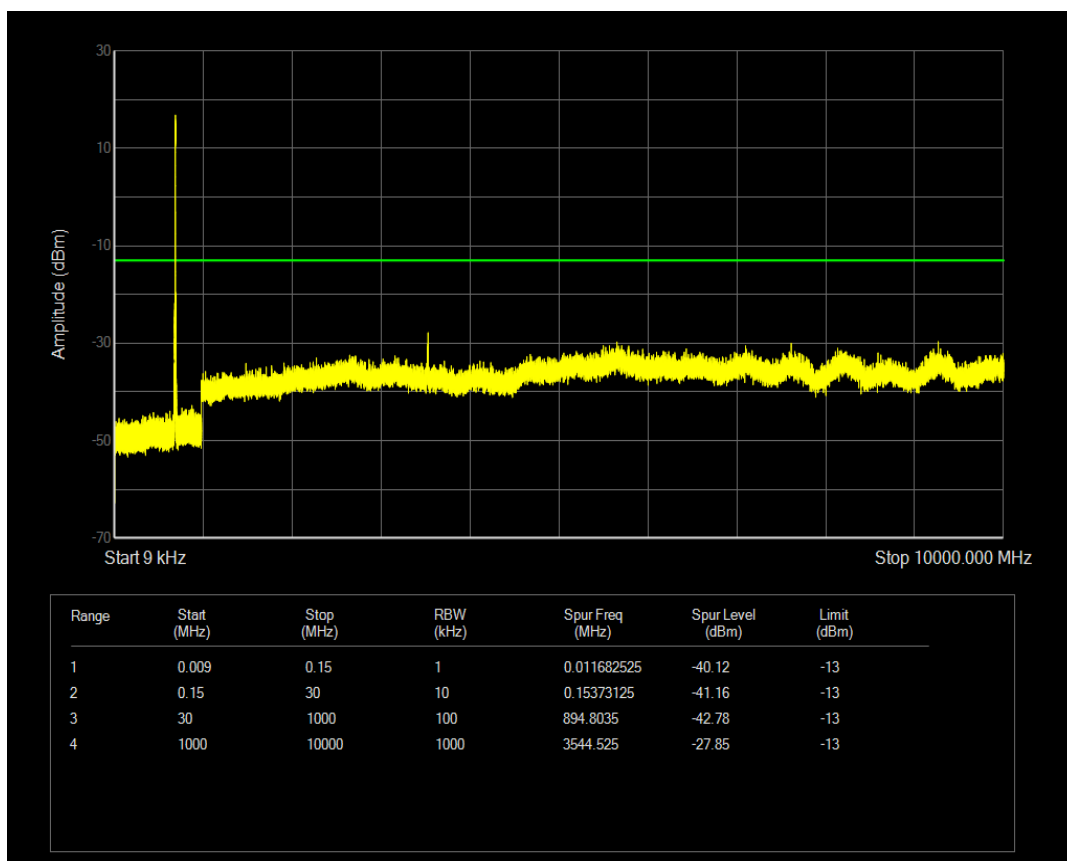


Band12 QPSK BW=5MHz Channel=23095 RB Size=25 Position=#0

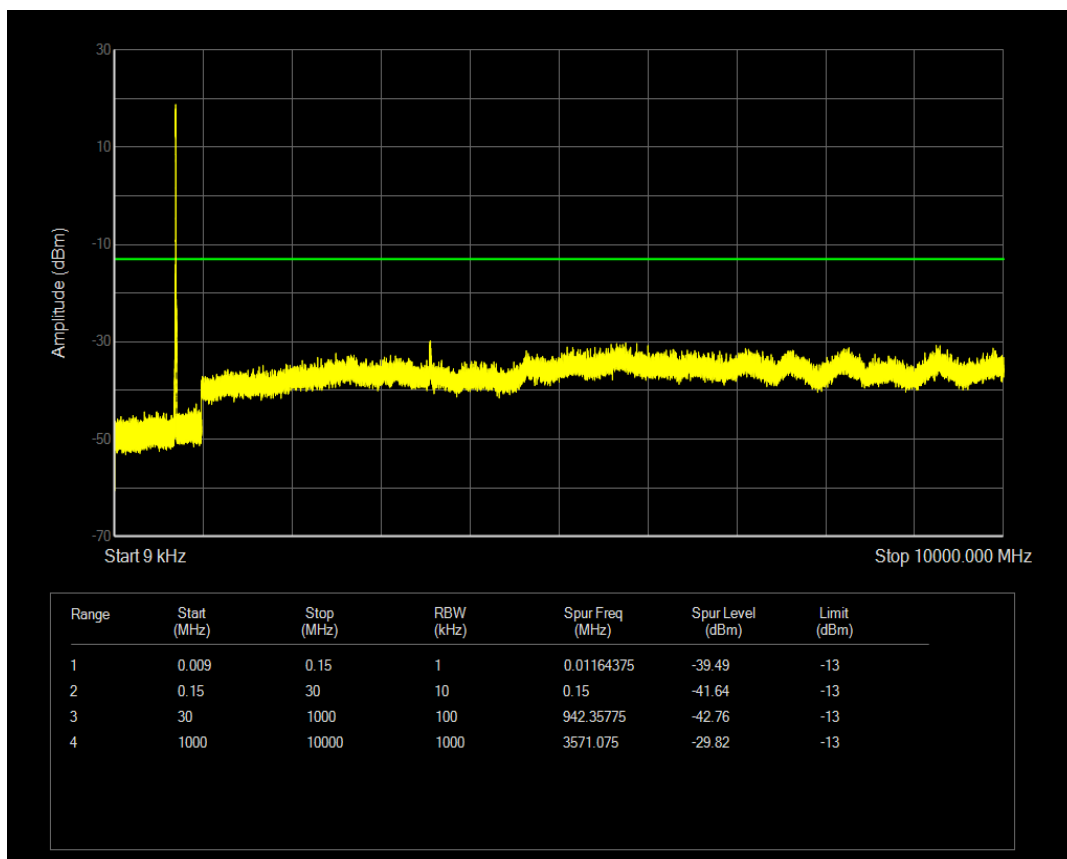


Band12 16QAM BW=5MHz Channel=23095 RB Size=25 Position=#0

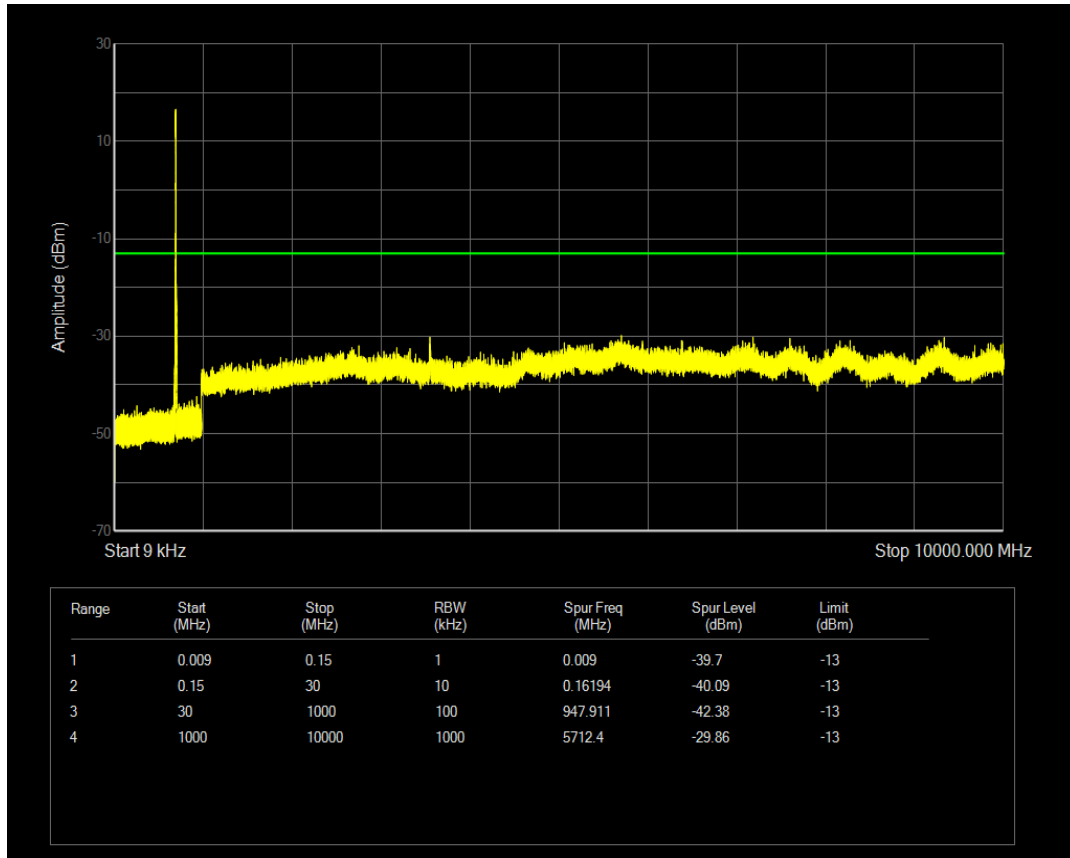




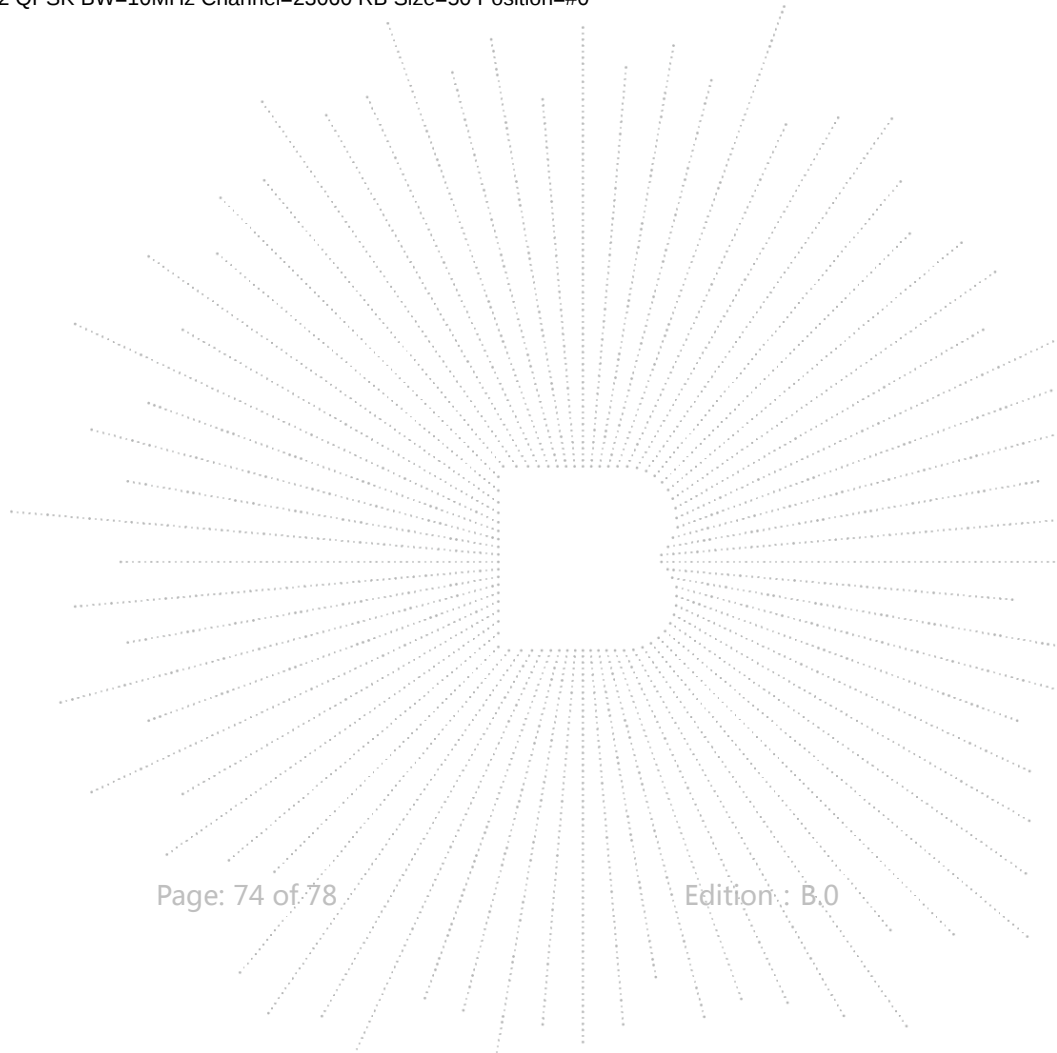
Band12 QPSK BW=5MHz Channel=23155 RB Size=25 Position=#0

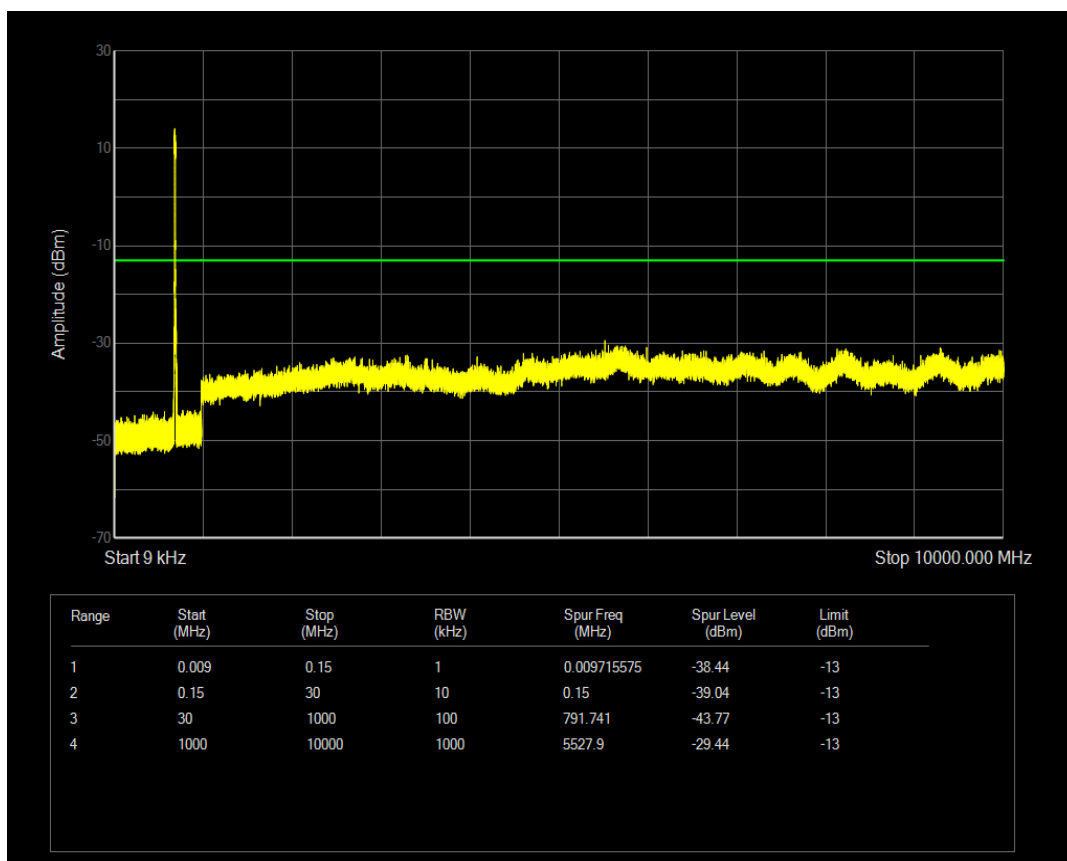


Band12 16QAM BW=5MHz Channel=23155 RB Size=25 Position=#0

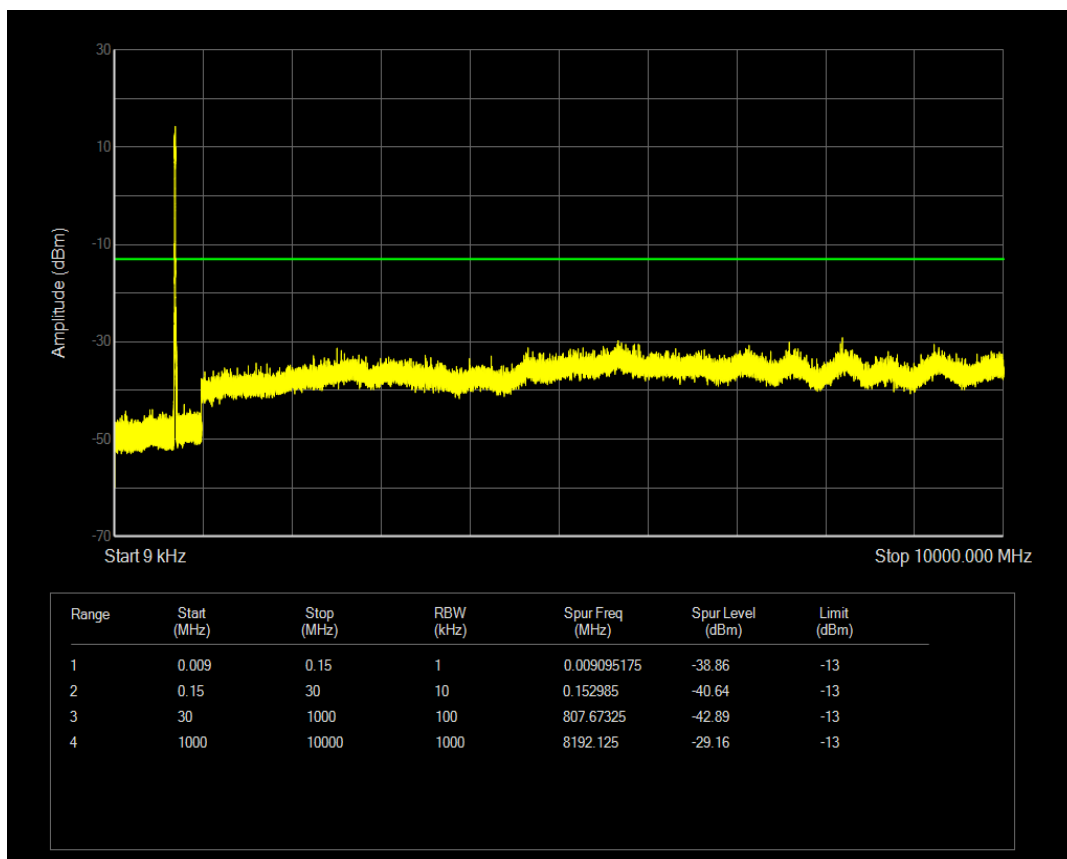


Band12 QPSK BW=10MHz Channel=23060 RB Size=50 Position=#0

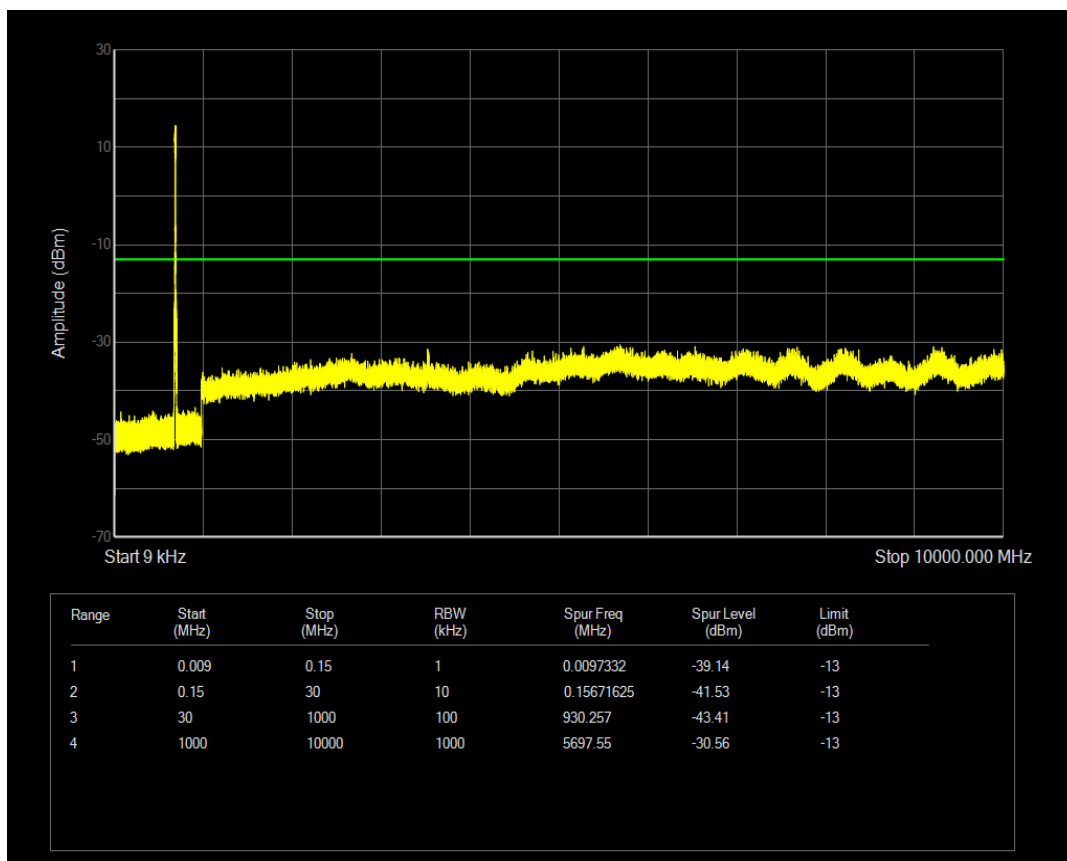




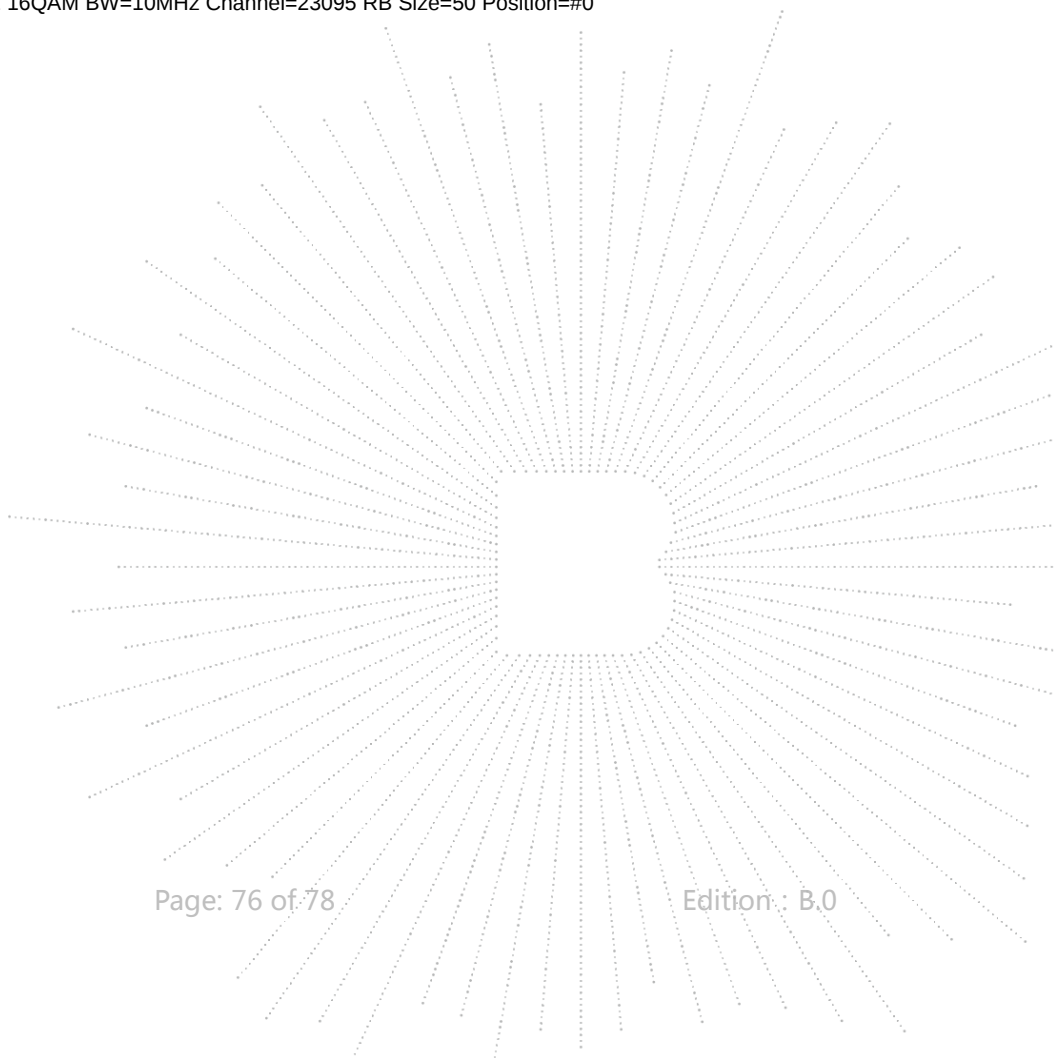
Band12 16QAM BW=10MHz Channel=23060 RB Size=50 Position=#0

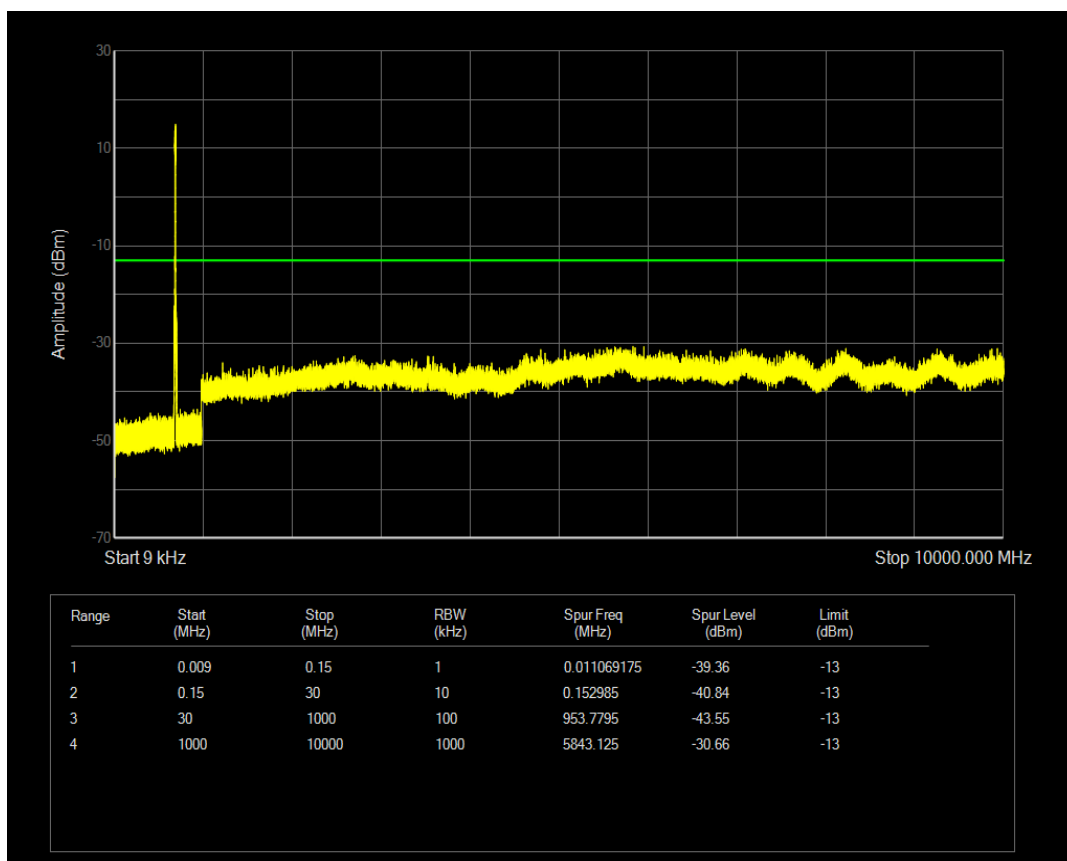


Band12 QPSK BW=10MHz Channel=23095 RB Size=50 Position=#0

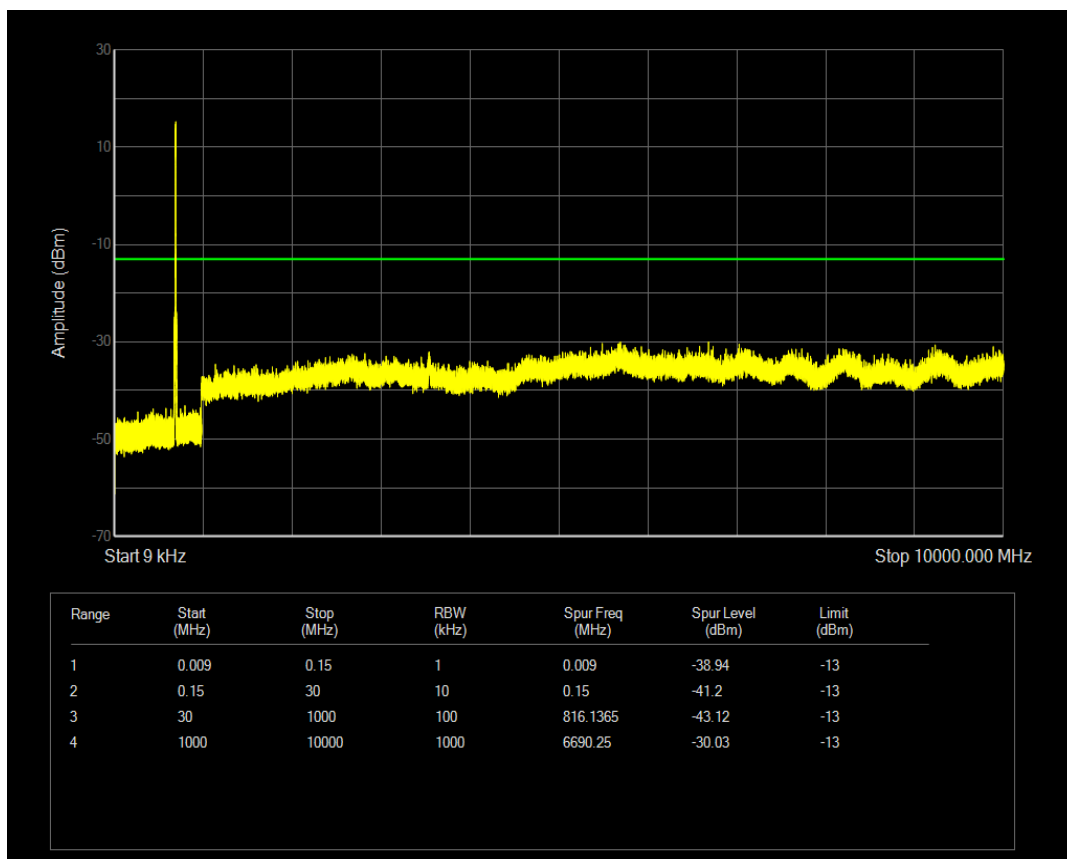


Band12 16QAM BW=10MHz Channel=23095 RB Size=50 Position=#0





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



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

