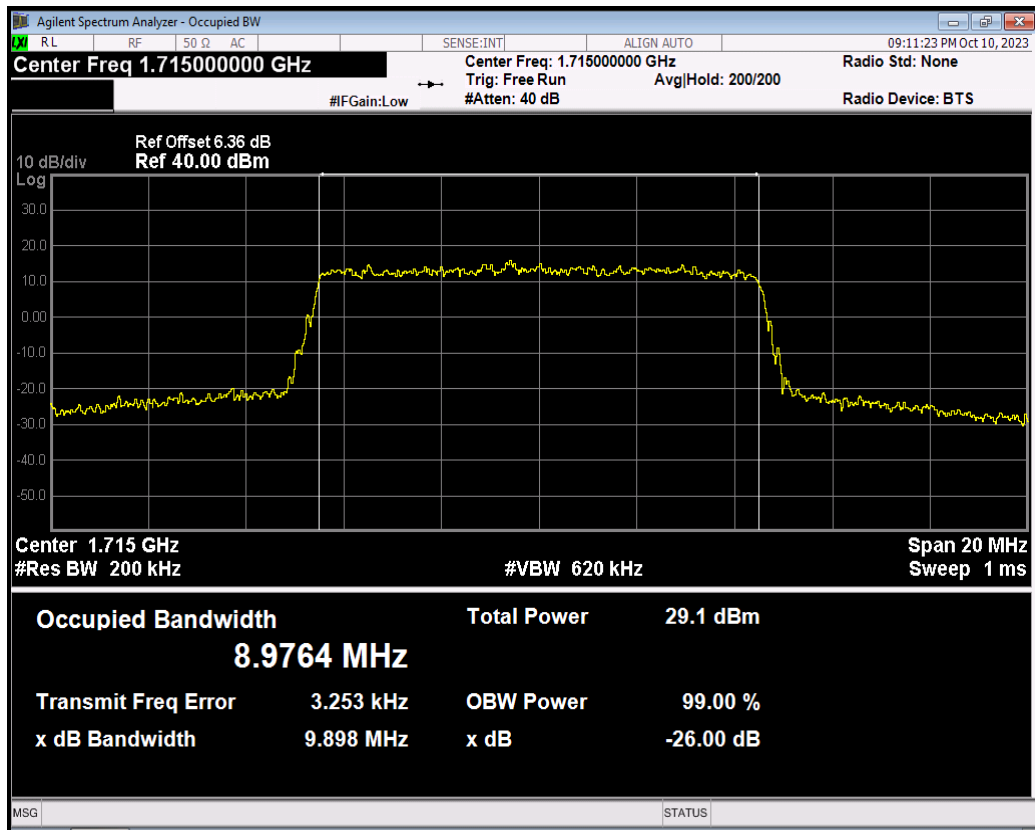
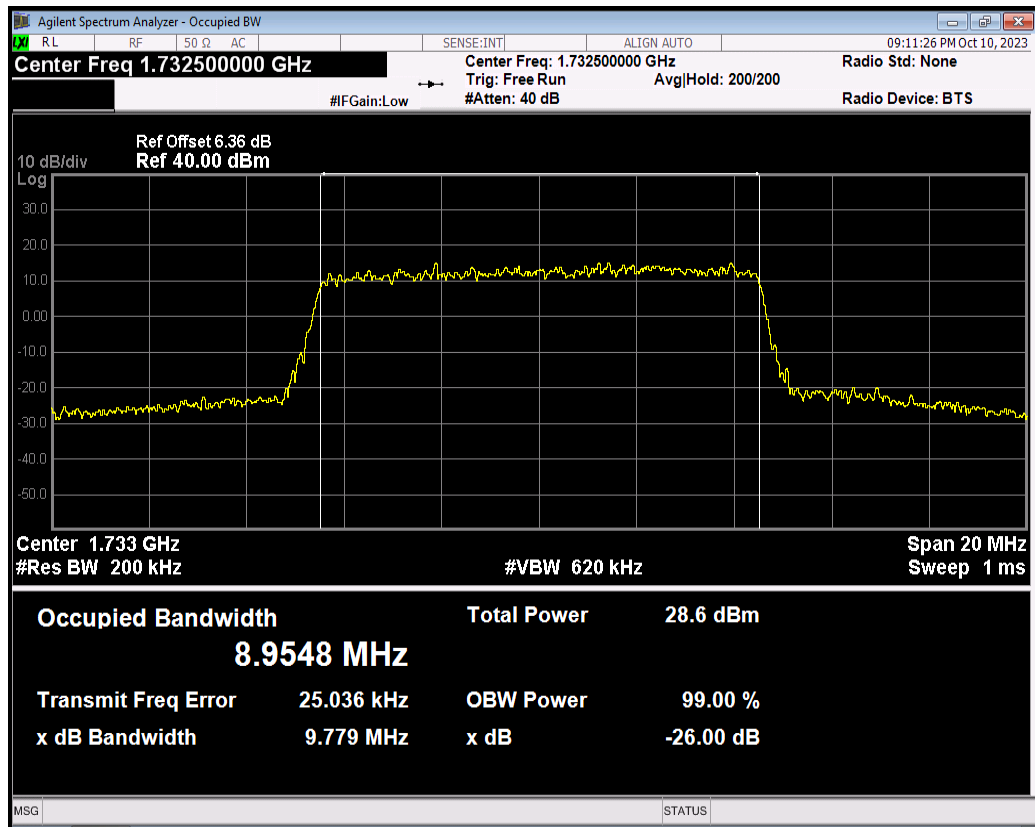




Band4 QPSK BW=10MHz Channel=20000 RB Size=50 Position=#0

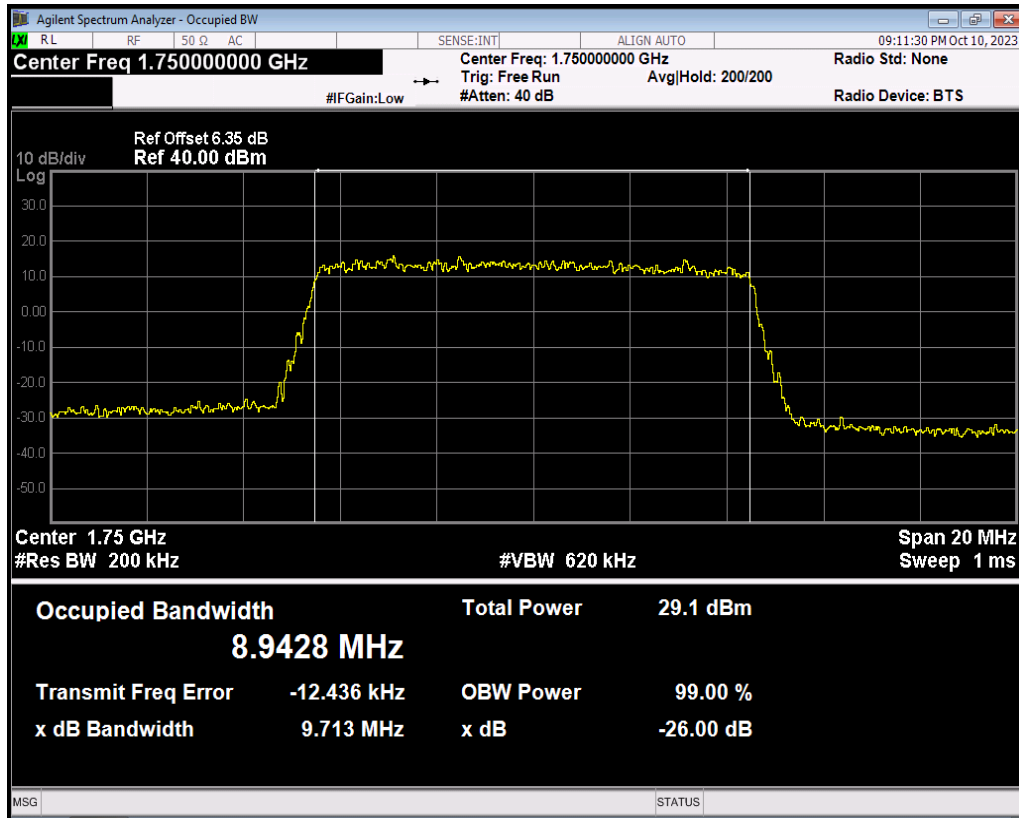


Band4 QPSK BW=10MHz Channel=20175 RB Size=50 Position=#0

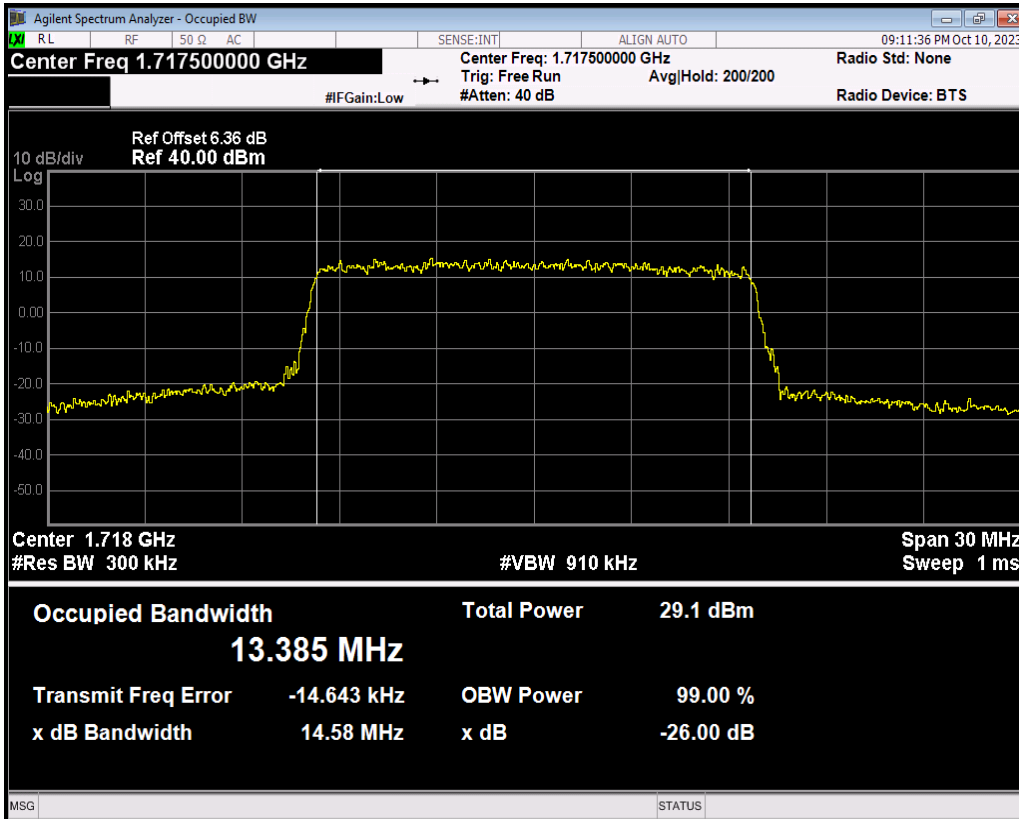




Band4 QPSK BW=10MHz Channel=20350 RB Size=50 Position=#0

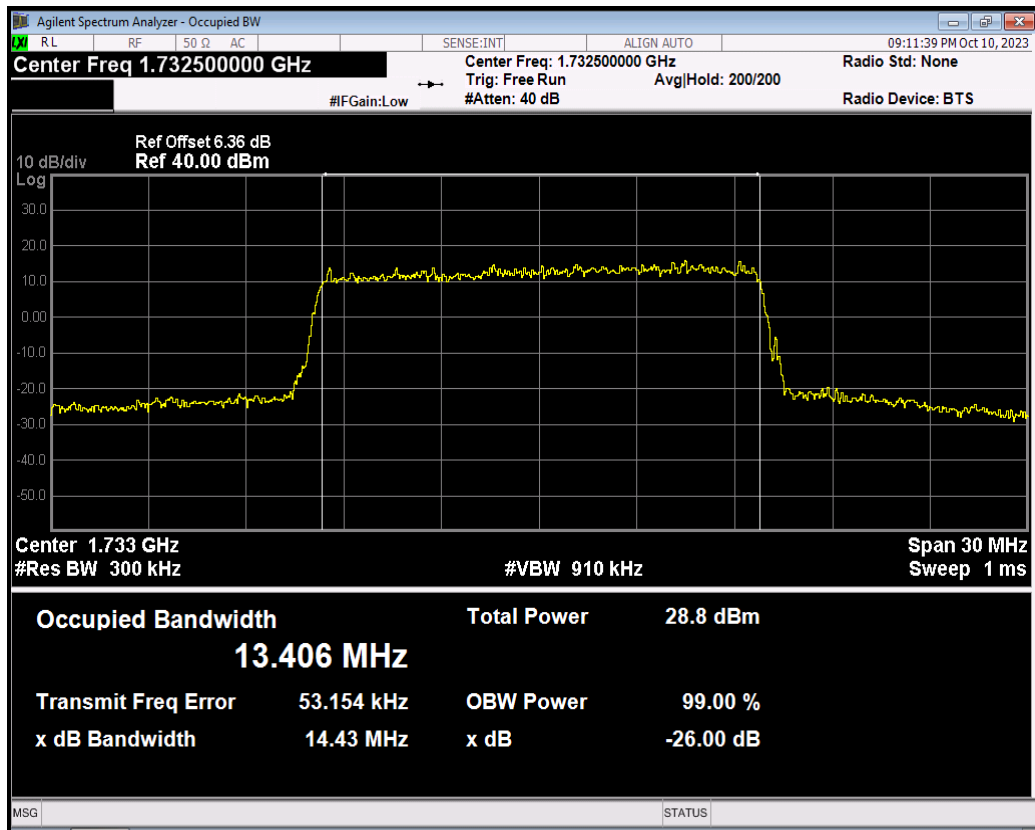


Band4 QPSK BW=15MHz Channel=20025 RB Size=75 Position=#0

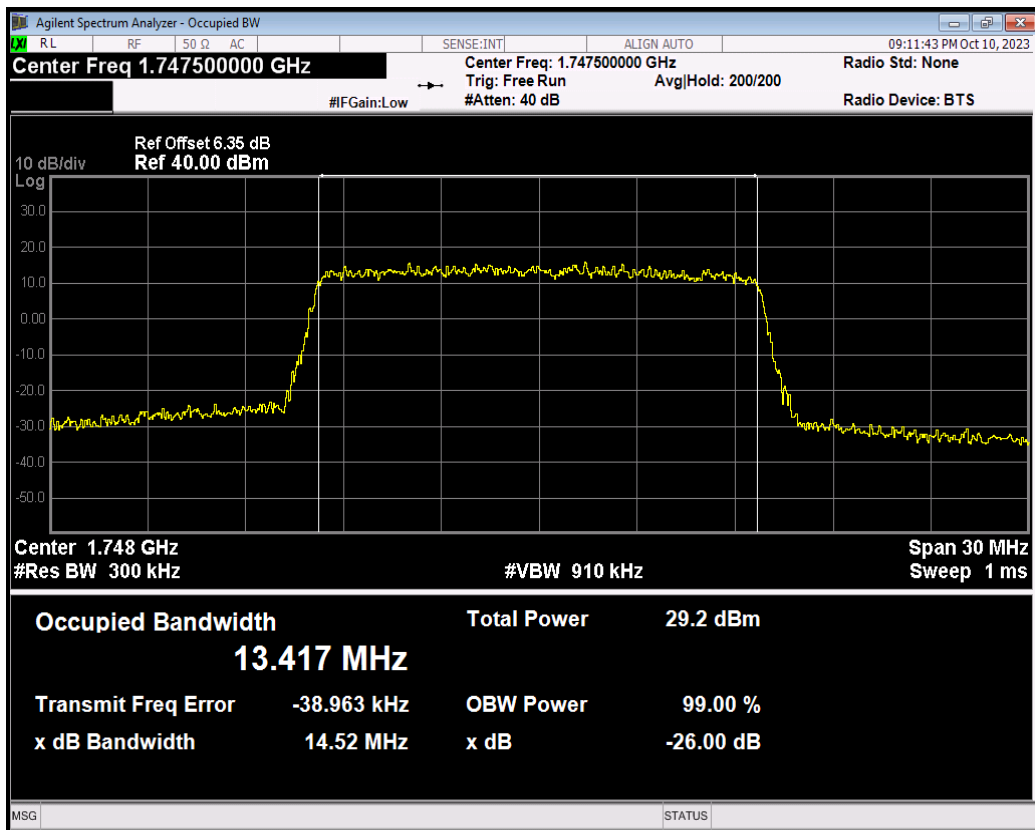




Band4 QPSK BW=15MHz Channel=20175 RB Size=75 Position=#0

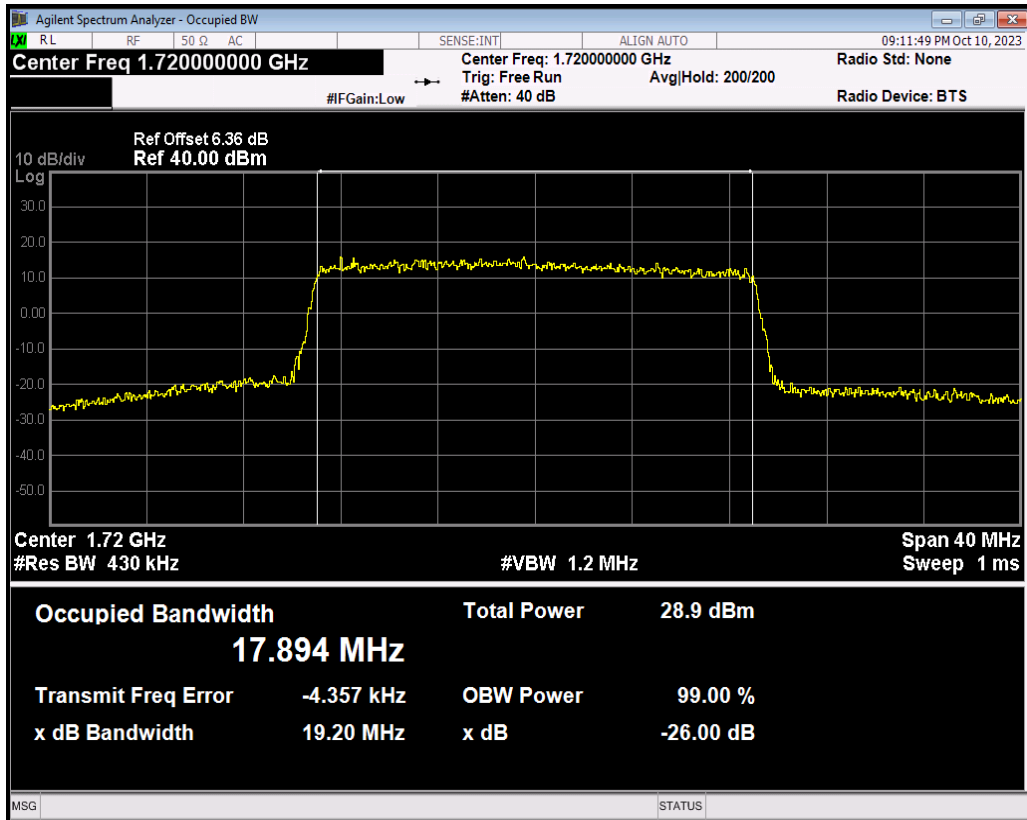


Band4 QPSK BW=15MHz Channel=20325 RB Size=75 Position=#0

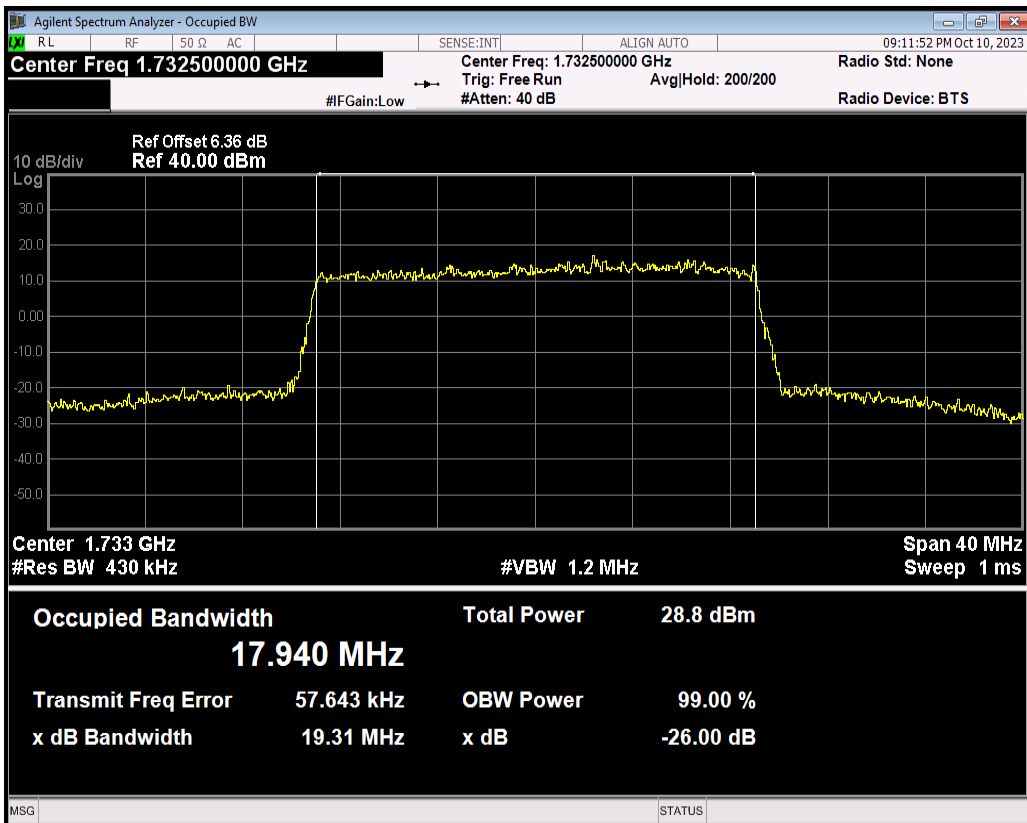




Band4 QPSK BW=20MHz Channel=20050 RB Size=100 Position=#0

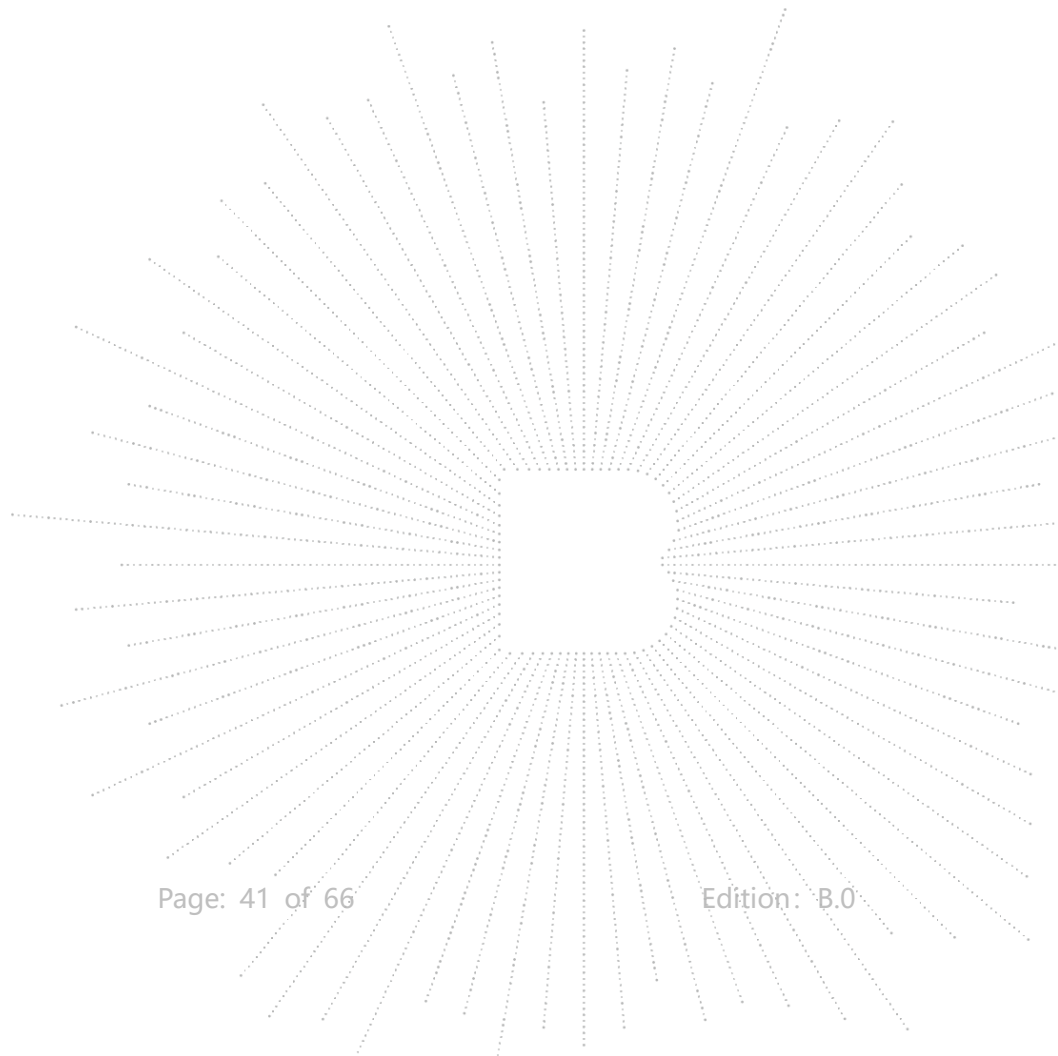
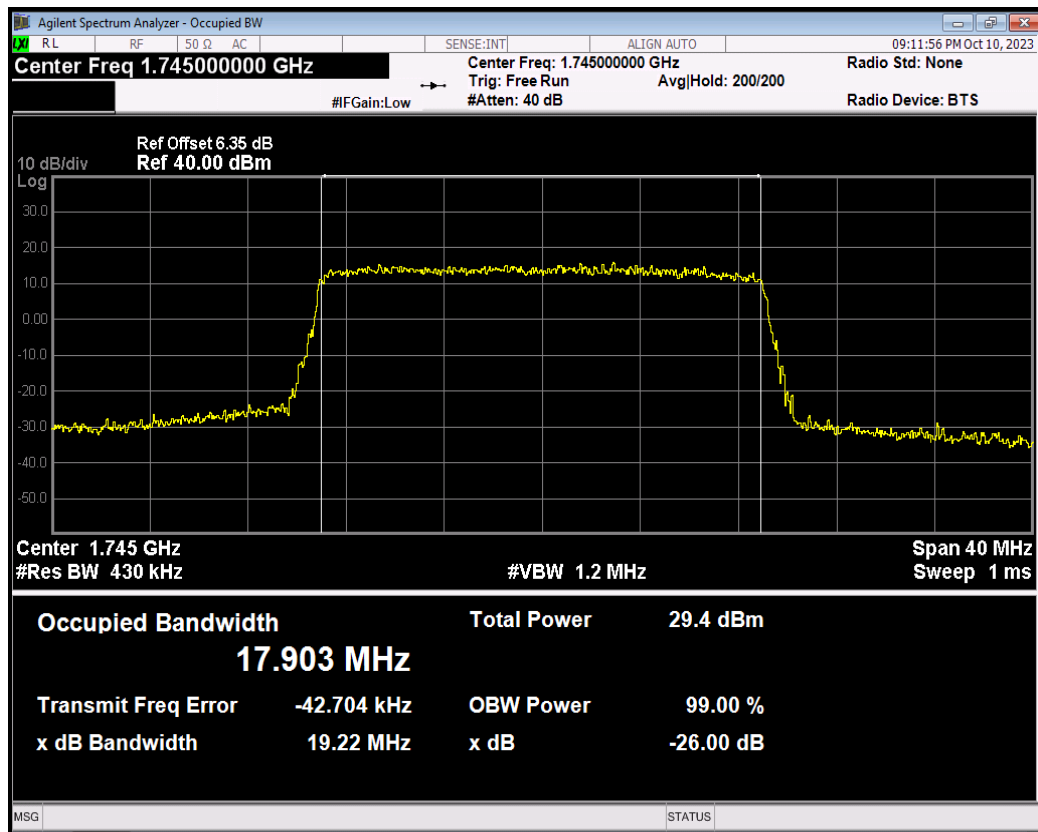


Band4 QPSK BW=20MHz Channel=20175 RB Size=100 Position=#0





Band4 QPSK BW=20MHz Channel=20300 RB Size=100 Position=#0

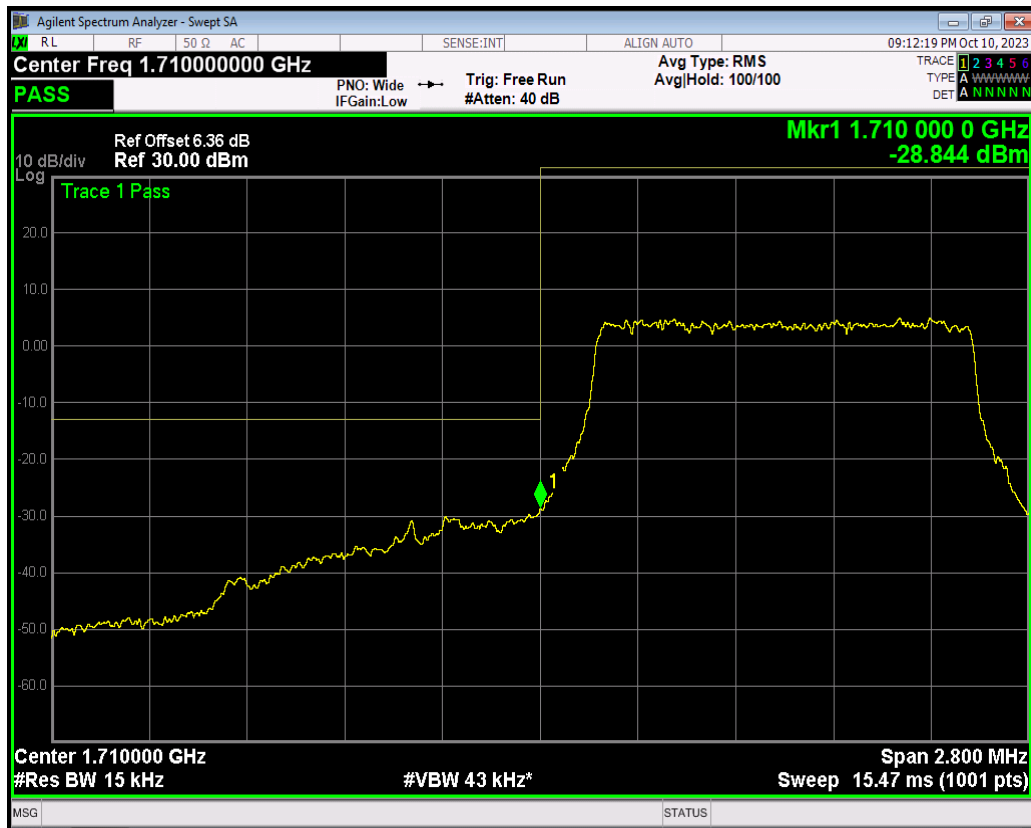


Appendix 5. Band edge

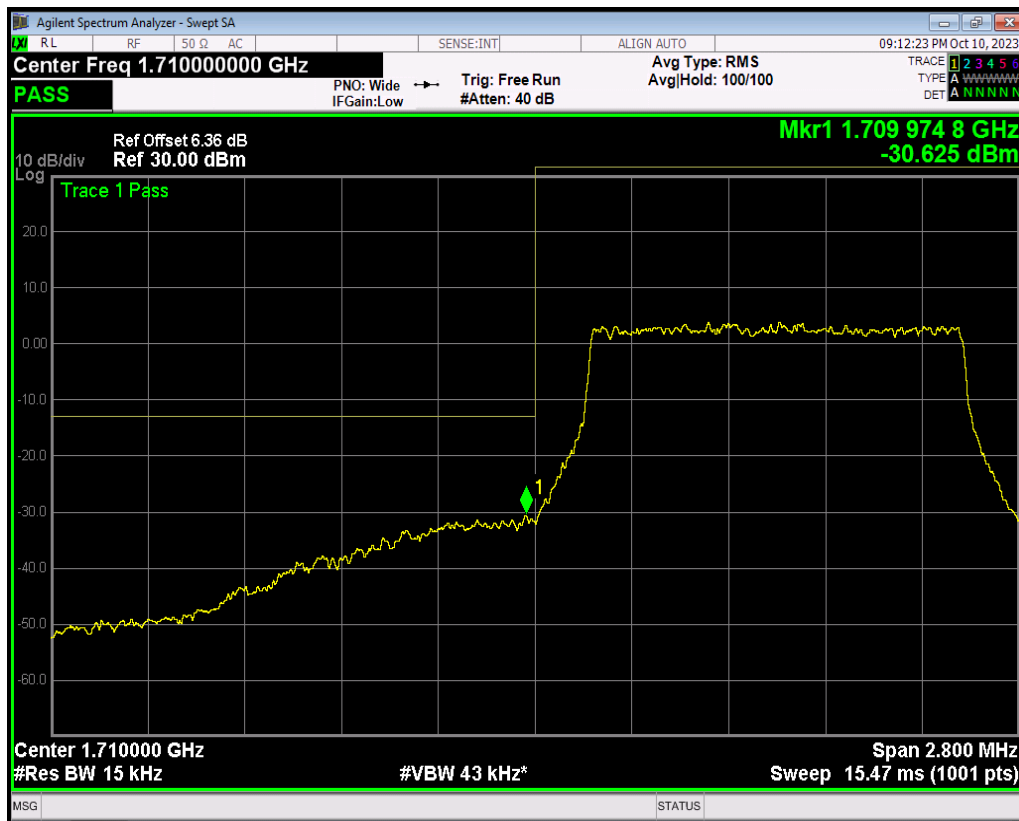
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band4	1.4	19957	6	#0	QPSK	1710.00	-28.84	-13	PASS
Band4	1.4	19957	6	#0	16QAM	1709.97	-30.62	-13	PASS
Band4	1.4	20393	6	#0	QPSK	1755.00	-34.14	-13	PASS
Band4	1.4	20393	6	#0	16QAM	1755.00	-33.96	-13	PASS
Band4	3	19965	15	#0	QPSK	1709.99	-26.99	-13	PASS
Band4	3	19965	15	#0	16QAM	1710.00	-28.55	-13	PASS
Band4	3	20385	15	#0	QPSK	1755.00	-31.91	-13	PASS
Band4	3	20385	15	#0	16QAM	1755.01	-32.49	-13	PASS
Band4	5	19975	25	#0	QPSK	1709.99	-29.08	-13	PASS
Band4	5	19975	25	#0	16QAM	1710.00	-28.37	-13	PASS
Band4	5	20375	25	#0	QPSK	1755.00	-32.77	-13	PASS
Band4	5	20375	25	#0	16QAM	1755.01	-31.11	-13	PASS
Band4	10	20000	50	#0	QPSK	1709.96	-29.73	-13	PASS
Band4	10	20350	50	#0	QPSK	1755.00	-36.07	-13	PASS
Band4	15	20025	75	#0	QPSK	1708.77	-29.90	-13	PASS
Band4	15	20325	75	#0	QPSK	1755.03	-36.87	-13	PASS
Band4	20	20050	100	#0	QPSK	1709.88	-29.36	-13	PASS
Band4	20	20300	100	#0	QPSK	1755.04	-37.42	-13	PASS



Band4 QPSK BW=1.4MHz Channel=19957 RB Size=6 Position=#0



Band4 16QAM BW=1.4MHz Channel=19957 RB Size=6 Position=#0





Band4 QPSK BW=1.4MHz Channel=20393 RB Size=6 Position=#0

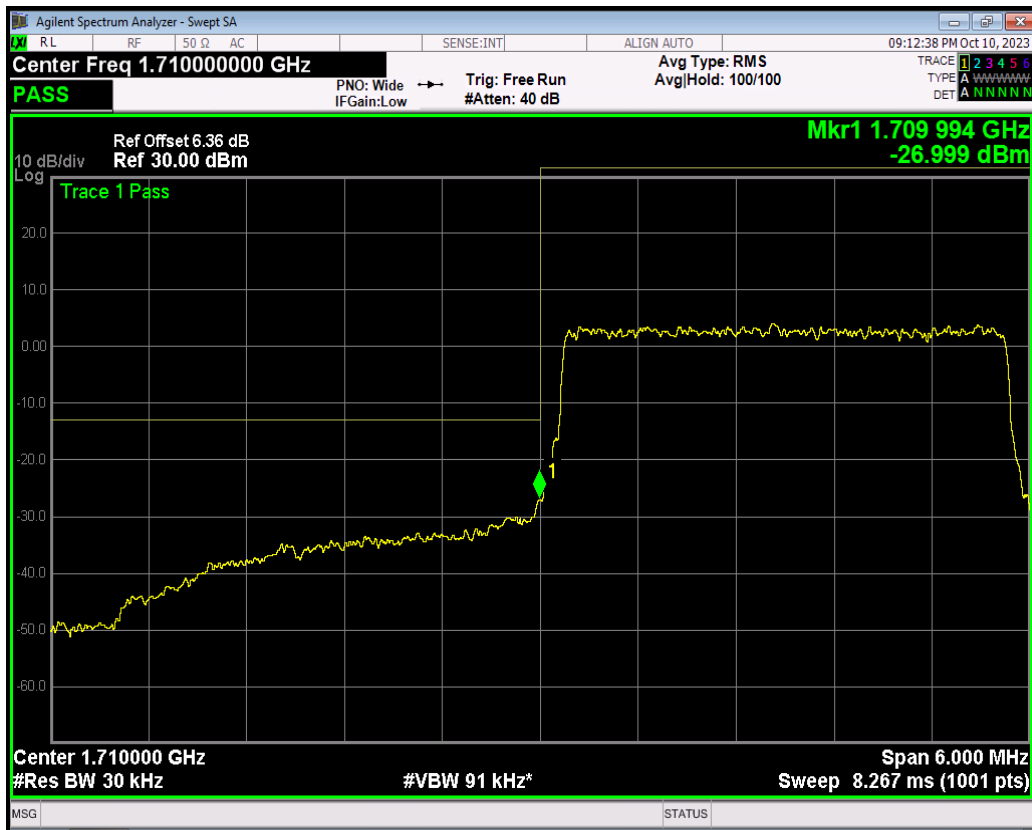


Band4 16QAM BW=1.4MHz Channel=20393 RB Size=6 Position=#0

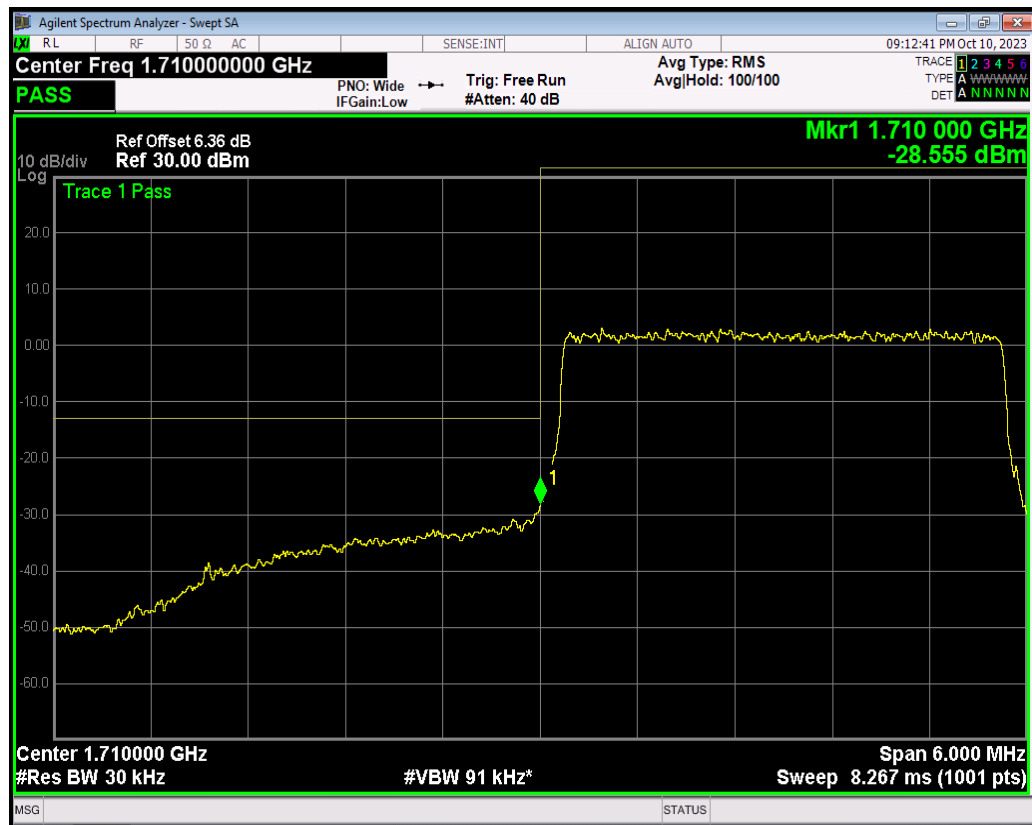




Band4 QPSK BW=3MHz Channel=19965 RB Size=15 Position=#0

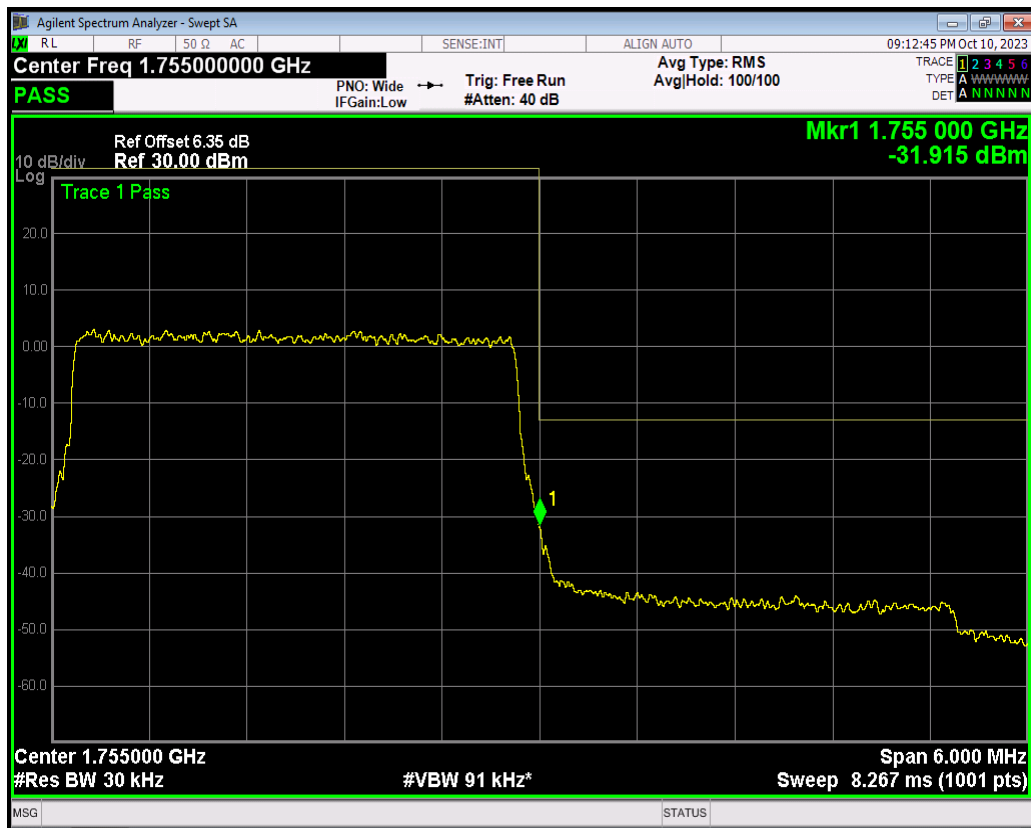


Band4 16QAM BW=3MHz Channel=19965 RB Size=15 Position=#0

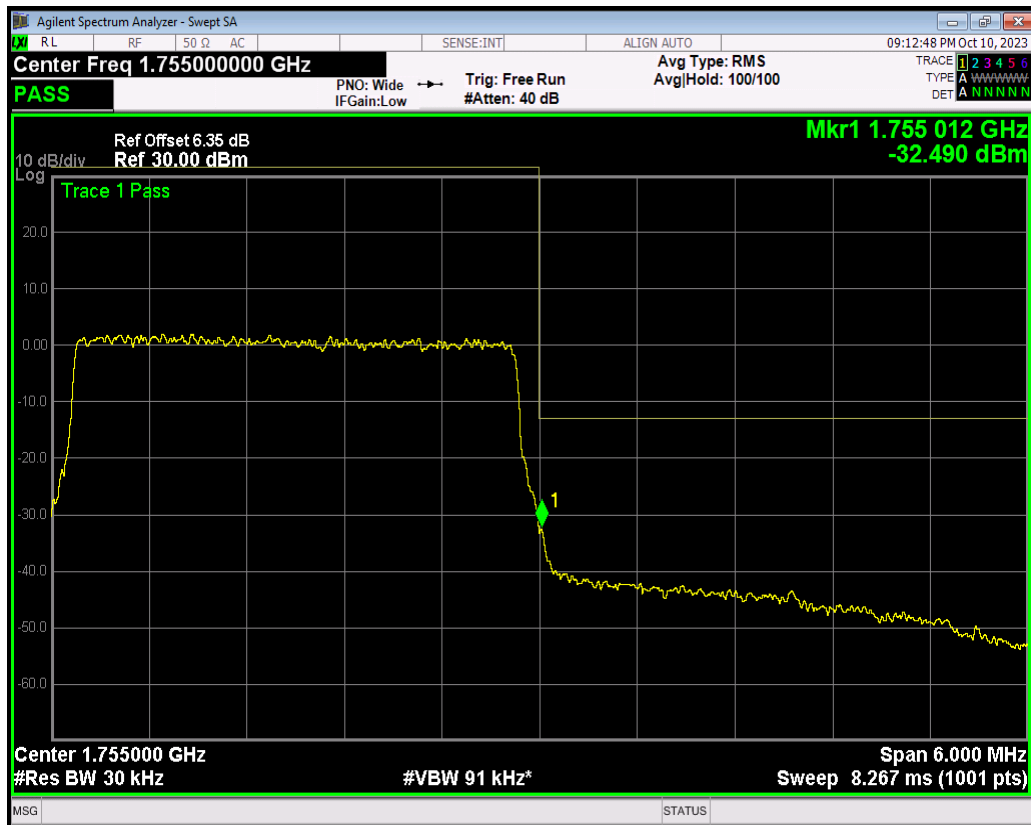




Band4 QPSK BW=3MHz Channel=20385 RB Size=15 Position=#0

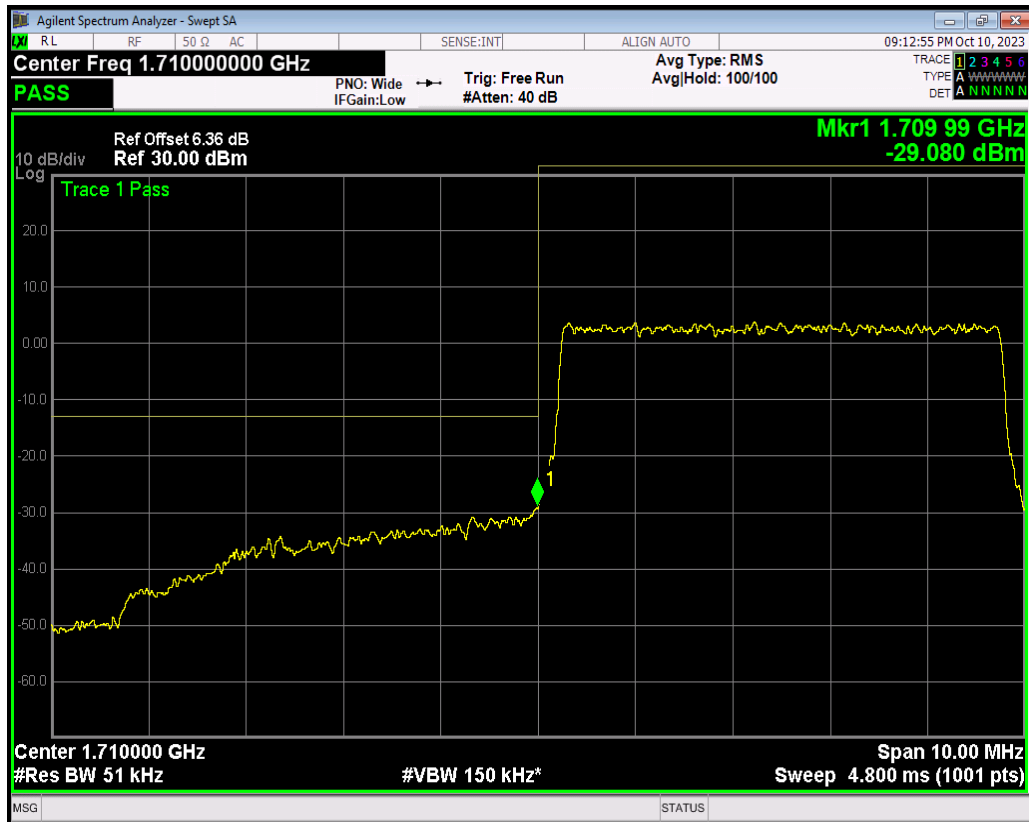


Band4 16QAM BW=3MHz Channel=20385 RB Size=15 Position=#0

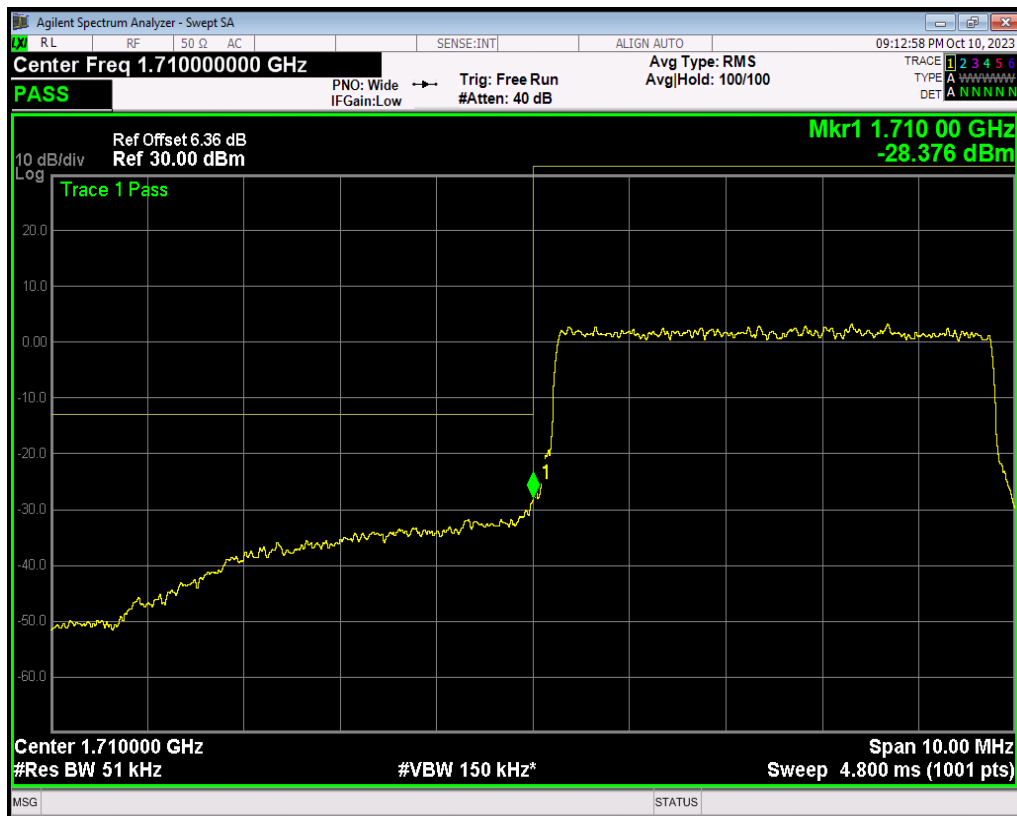




Band4 QPSK BW=5MHz Channel=19975 RB Size=25 Position=#0

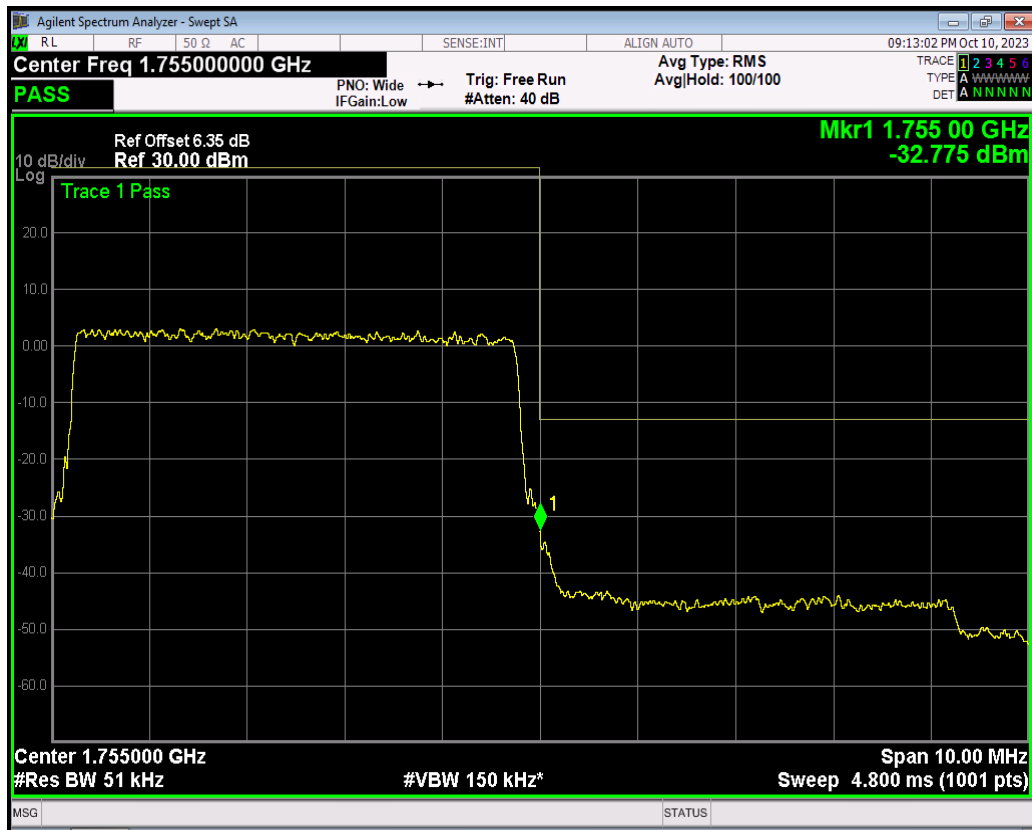


Band4 16QAM BW=5MHz Channel=19975 RB Size=25 Position=#0

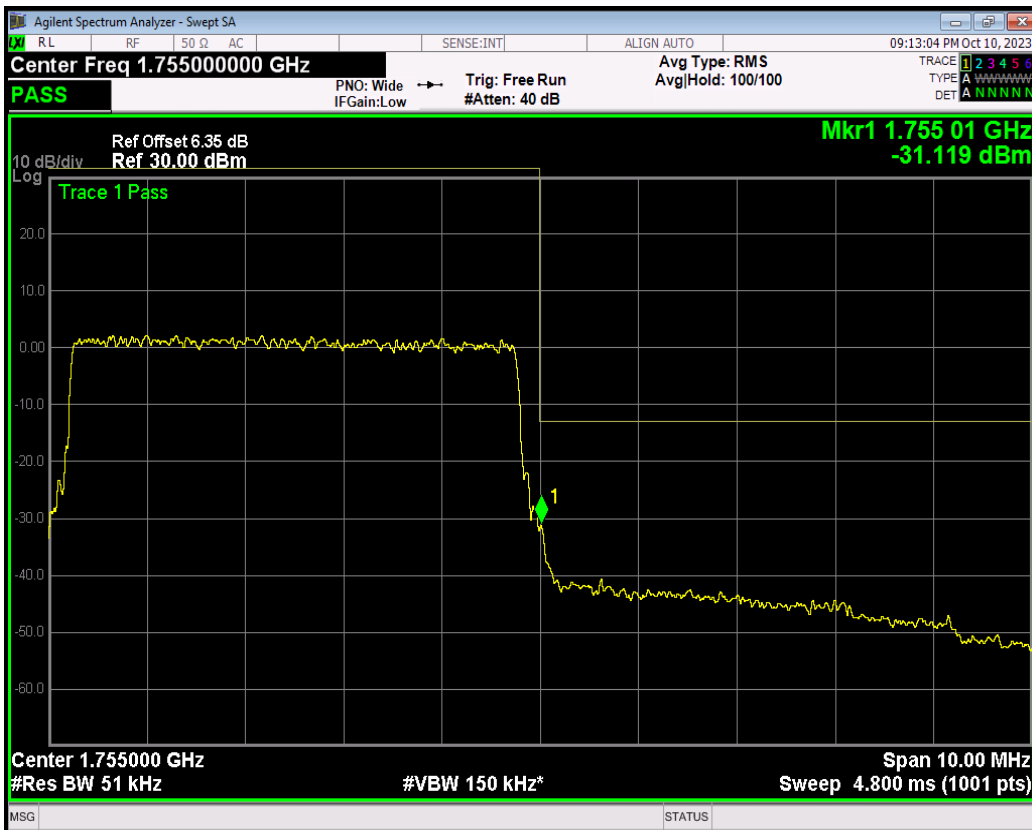




Band4 QPSK BW=5MHz Channel=20375 RB Size=25 Position=#0

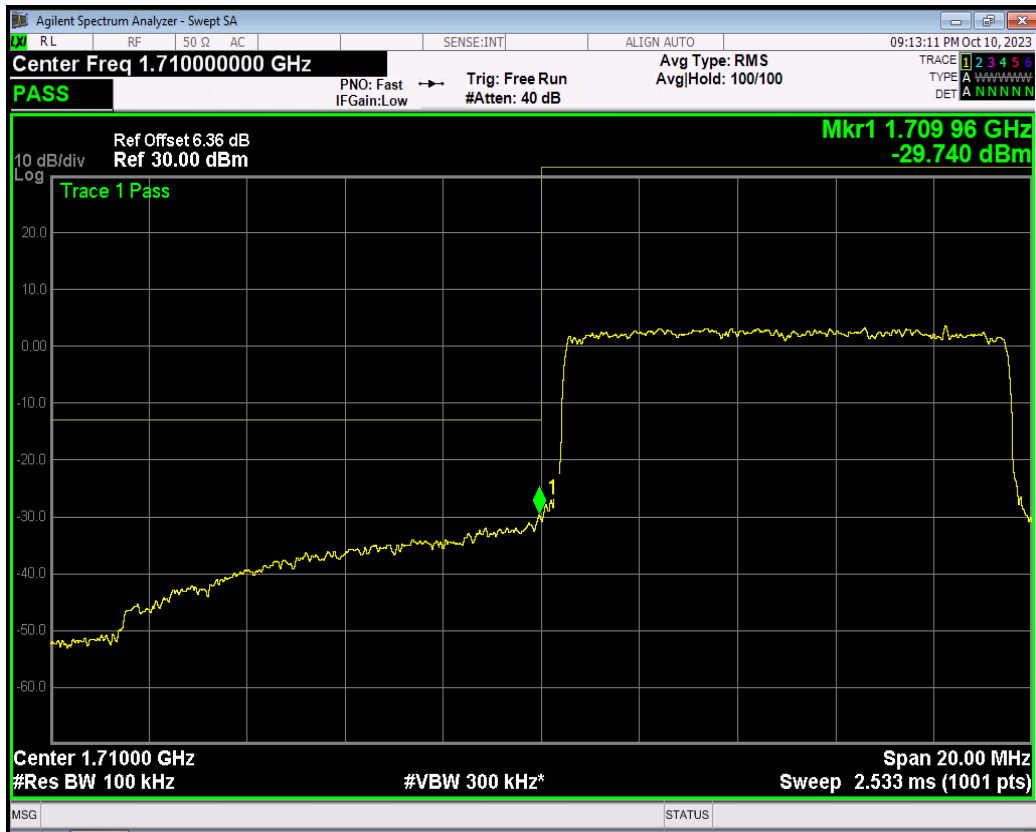


Band4 16QAM BW=5MHz Channel=20375 RB Size=25 Position=#0

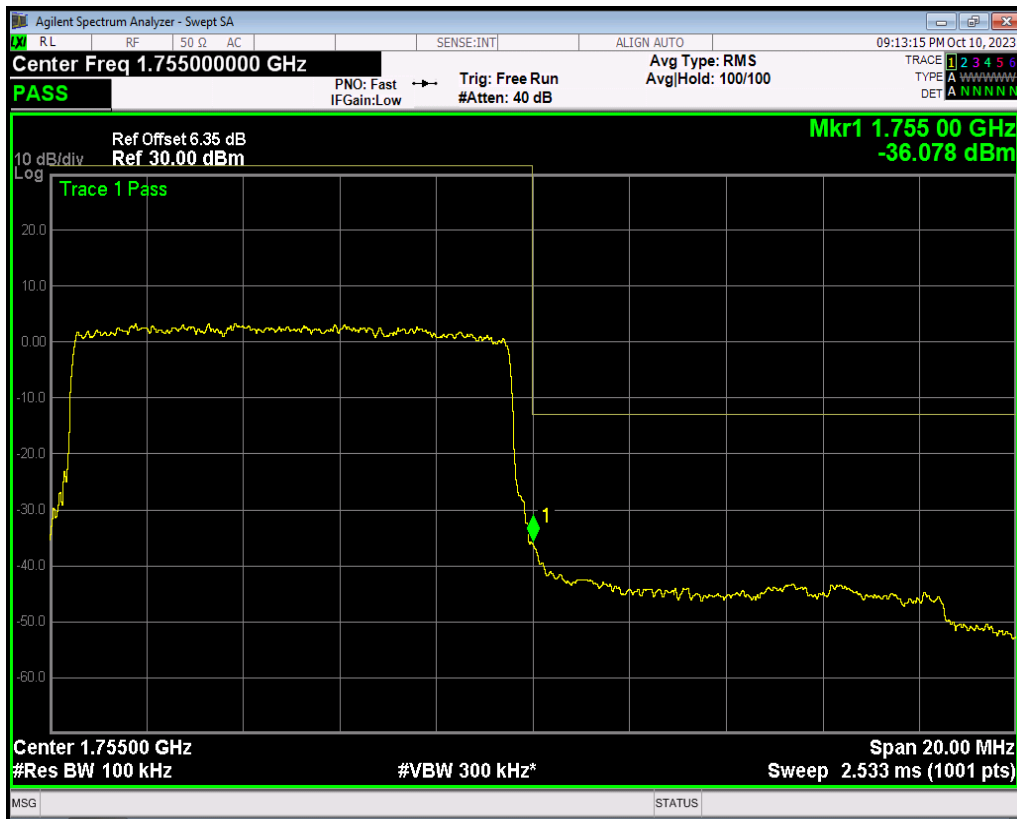




Band4 QPSK BW=10MHz Channel=20000 RB Size=50 Position=#0

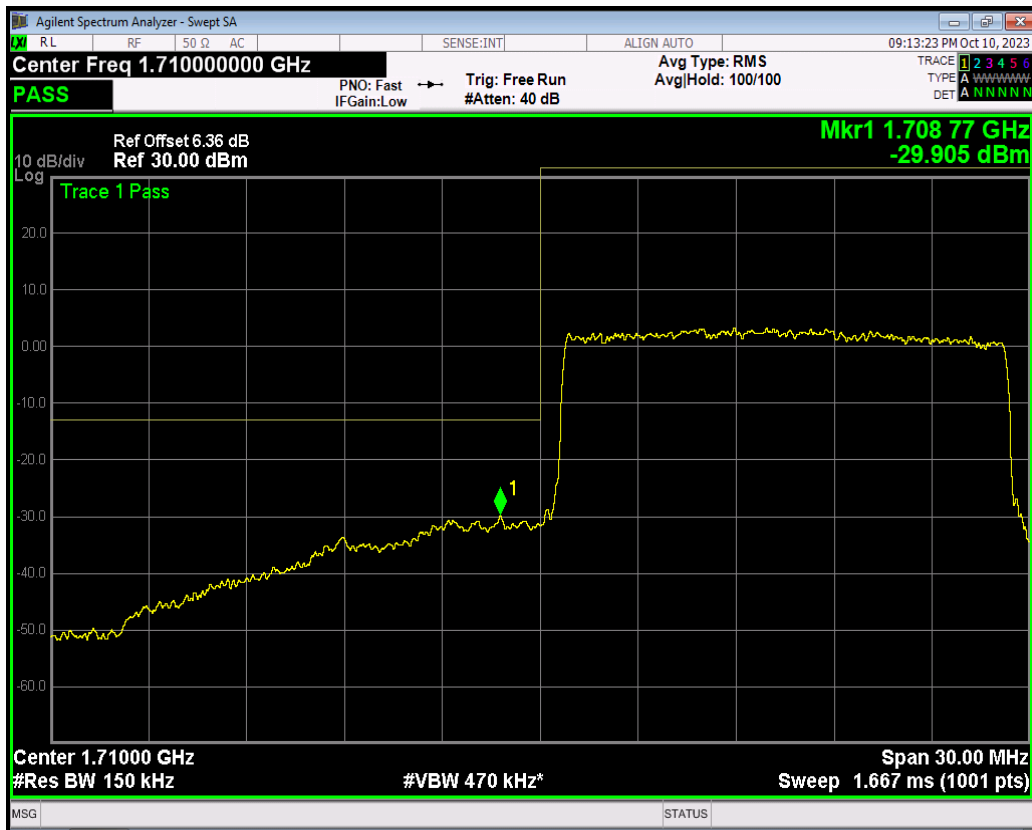


Band4 QPSK BW=10MHz Channel=20350 RB Size=50 Position=#0

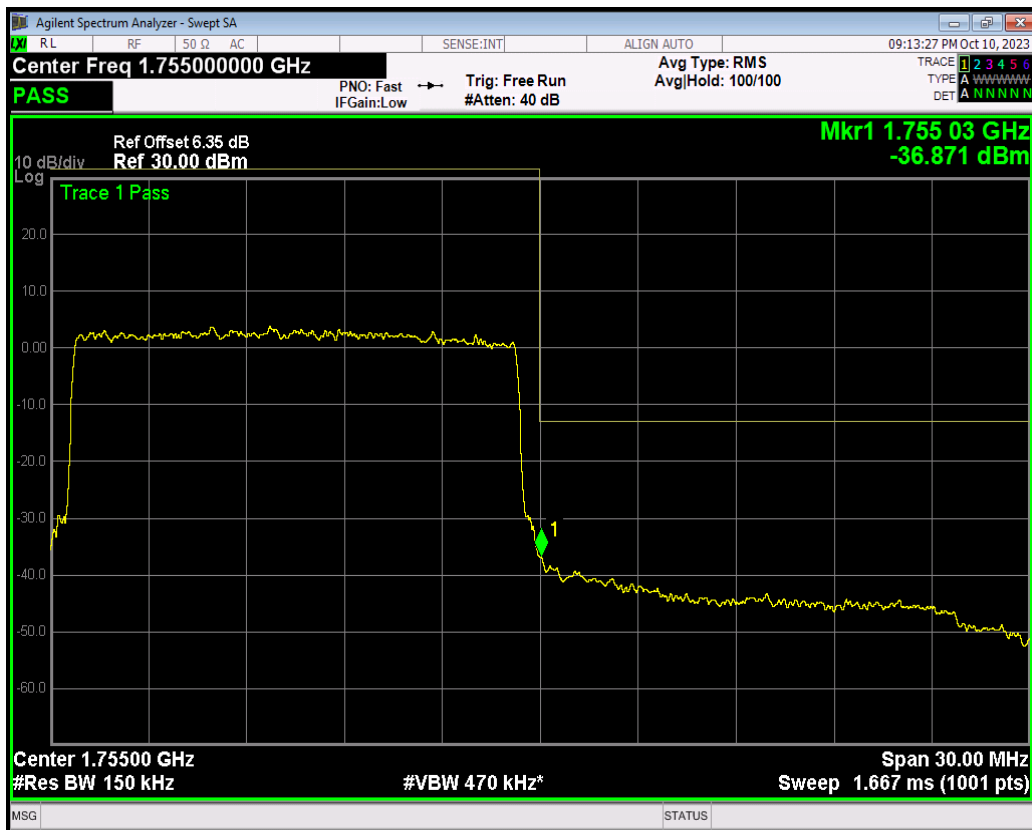




Band4 QPSK BW=15MHz Channel=20025 RB Size=75 Position=#0

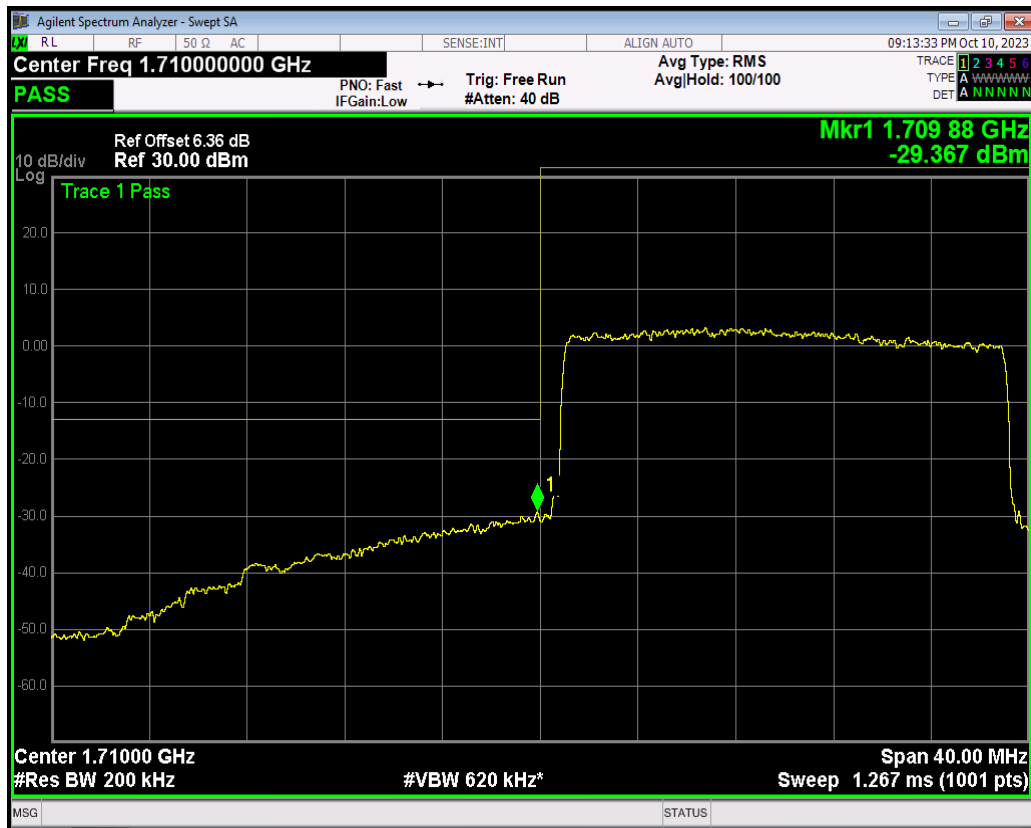


Band4 QPSK BW=15MHz Channel=20325 RB Size=75 Position=#0

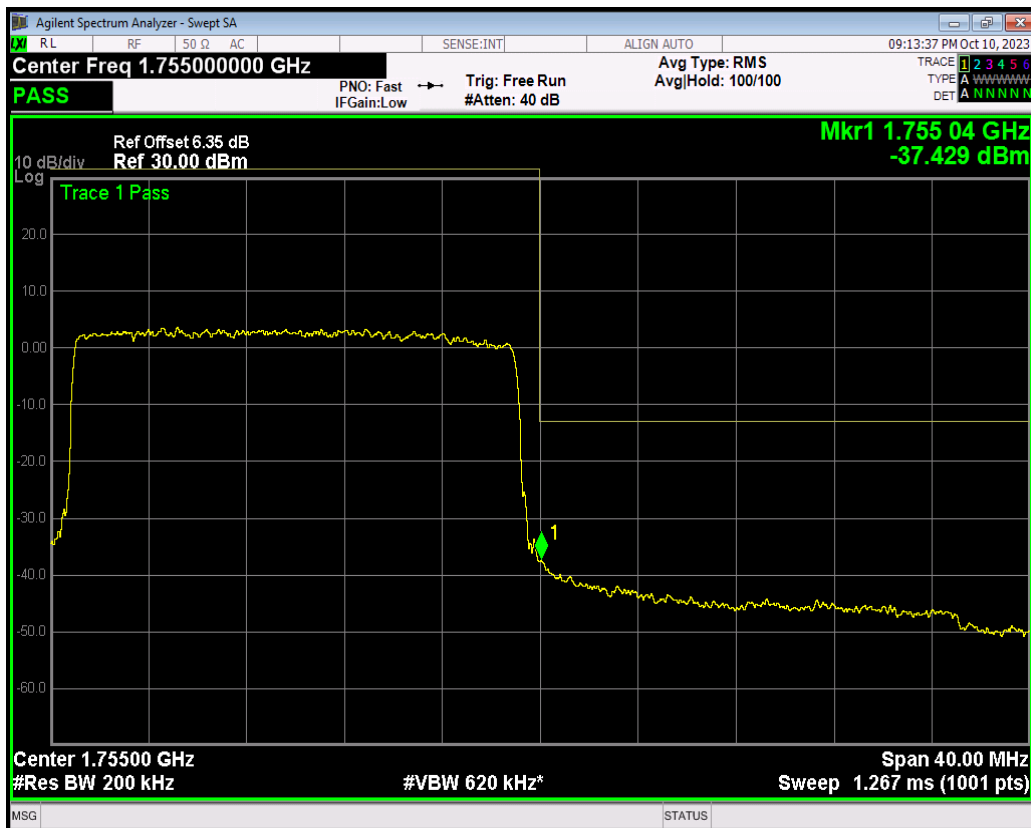




Band4 QPSK BW=20MHz Channel=20050 RB Size=100 Position=#0



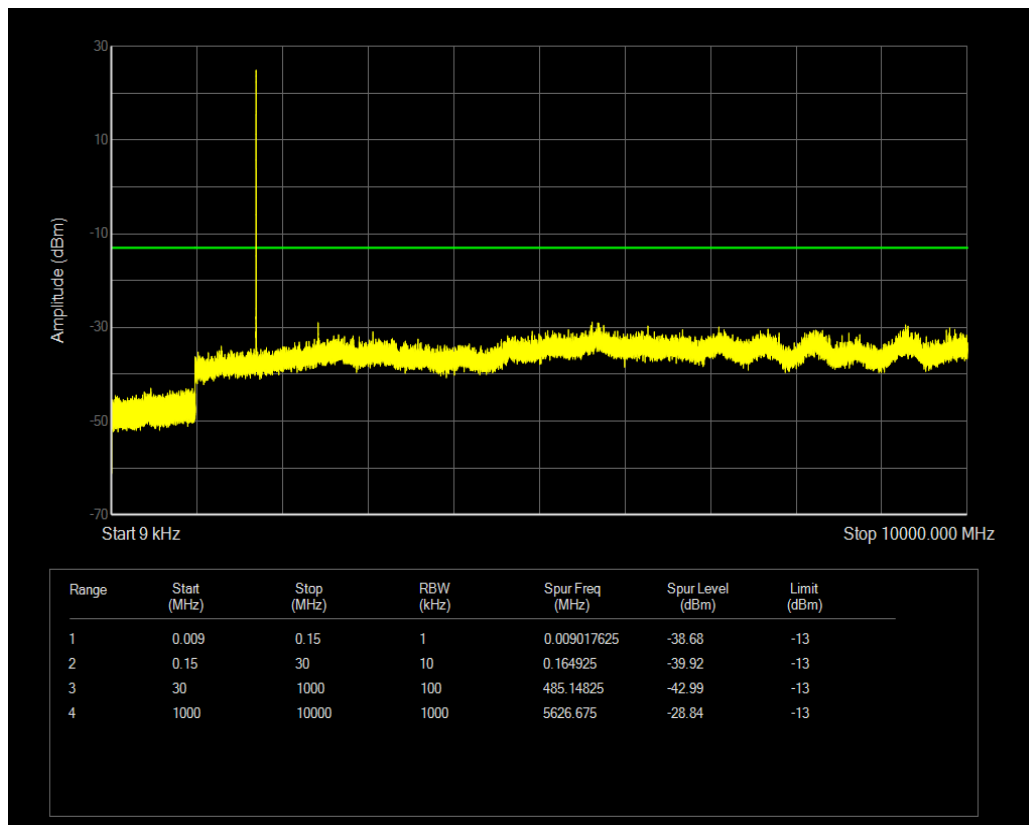
Band4 QPSK BW=20MHz Channel=20300 RB Size=100 Position=#0



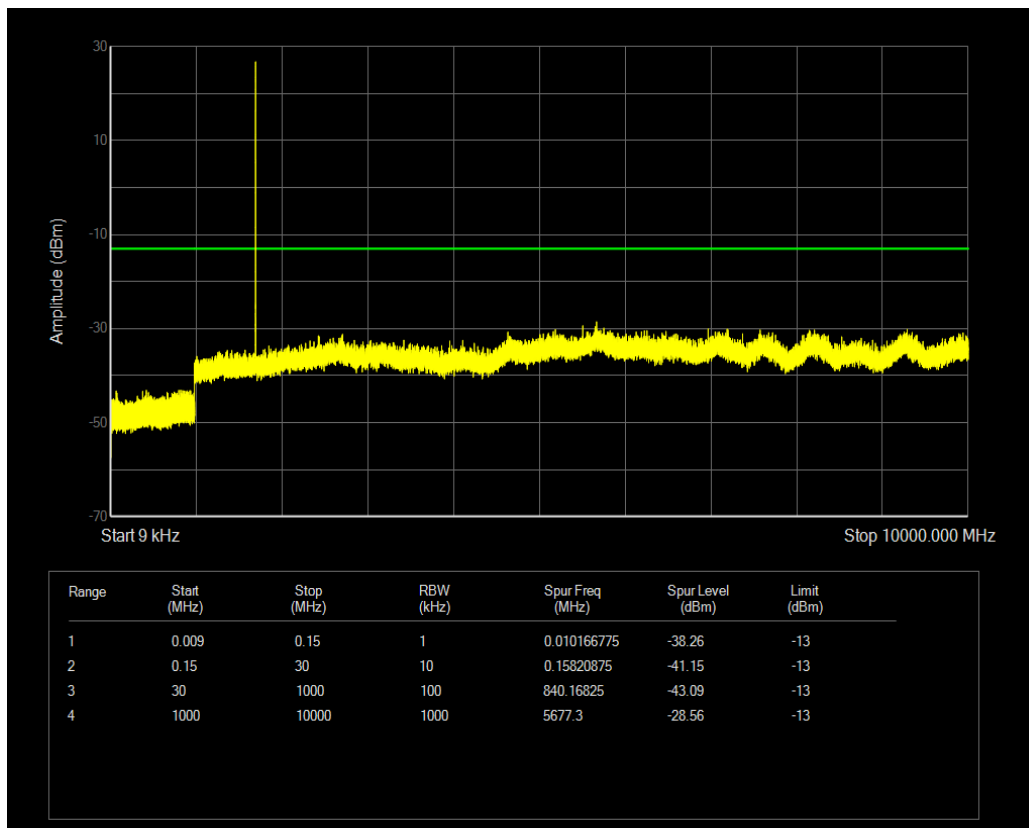
Appendix 6. Out-of-band emissions

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band4	1.4	19957	6	#0	QPSK	5626.68	-28.84	-13	PASS
Band4	1.4	19957	6	#0	16QAM	5677.30	-28.56	-13	PASS
Band4	1.4	20175	6	#0	QPSK	5780.35	-28.85	-13	PASS
Band4	1.4	20175	6	#0	16QAM	5672.80	-29.16	-13	PASS
Band4	1.4	20393	6	#0	QPSK	5666.73	-29.14	-13	PASS
Band4	1.4	20393	6	#0	16QAM	5682.70	-29.34	-13	PASS
Band4	3	19965	15	#0	QPSK	2435.50	-28.11	-13	PASS
Band4	3	19965	15	#0	16QAM	5726.13	-29.04	-13	PASS
Band4	3	20175	15	#0	QPSK	5705.88	-29.05	-13	PASS
Band4	3	20175	15	#0	16QAM	6774.85	-29.15	-13	PASS
Band4	3	20385	15	#0	QPSK	5692.83	-28.99	-13	PASS
Band4	3	20385	15	#0	16QAM	5583.48	-29.05	-13	PASS
Band4	5	19975	25	#0	QPSK	5539.15	-29.29	-13	PASS
Band4	5	19975	25	#0	16QAM	6130.23	-29.14	-13	PASS
Band4	5	20175	25	#0	QPSK	5680.00	-28.86	-13	PASS
Band4	5	20175	25	#0	16QAM	5522.73	-29.23	-13	PASS
Band4	5	20375	25	#0	QPSK	5755.15	-29.85	-13	PASS
Band4	5	20375	25	#0	16QAM	5956.75	-29.49	-13	PASS
Band4	10	20000	50	#0	QPSK	5684.95	-29.27	-13	PASS
Band4	10	20175	50	#0	QPSK	5804.65	-29.24	-13	PASS
Band4	10	20350	50	#0	QPSK	5597.88	-29.21	-13	PASS
Band4	15	20025	75	#0	QPSK	5732.65	-29.05	-13	PASS
Band4	15	20175	75	#0	QPSK	5686.08	-28.38	-13	PASS
Band4	15	20325	75	#0	QPSK	5629.15	-29.15	-13	PASS
Band4	20	20050	100	#0	QPSK	7603.08	-29.41	-13	PASS
Band4	20	20175	100	#0	QPSK	5815.00	-29.47	-13	PASS
Band4	20	20300	100	#0	QPSK	8207.43	-29.09	-13	PASS

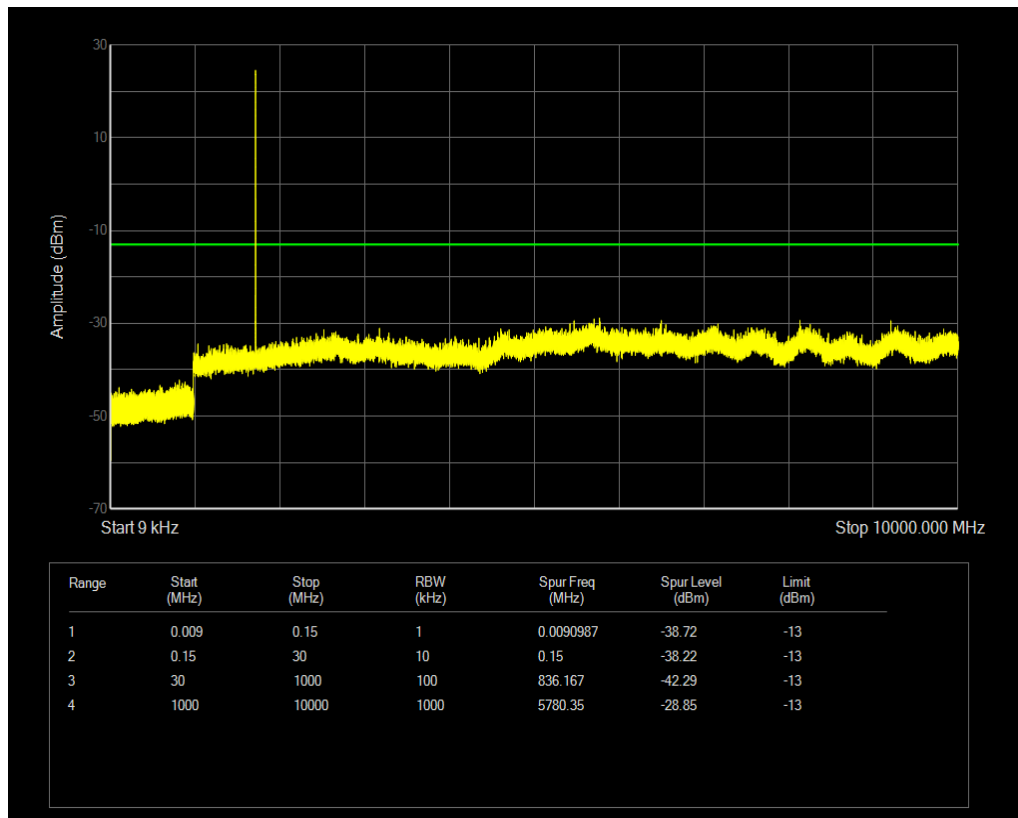
Band4 QPSK BW=1.4MHz Channel=19957 RB Size=6 Position=#0



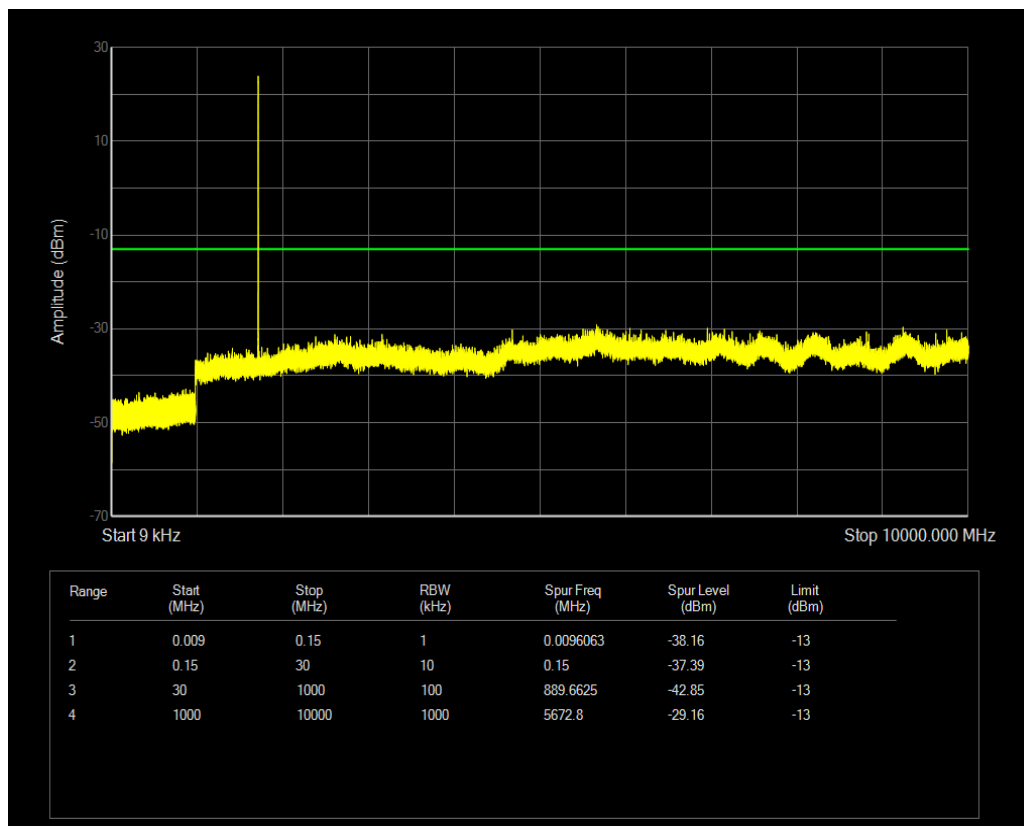
Band4 16QAM BW=1.4MHz Channel=19957 RB Size=6 Position=#0



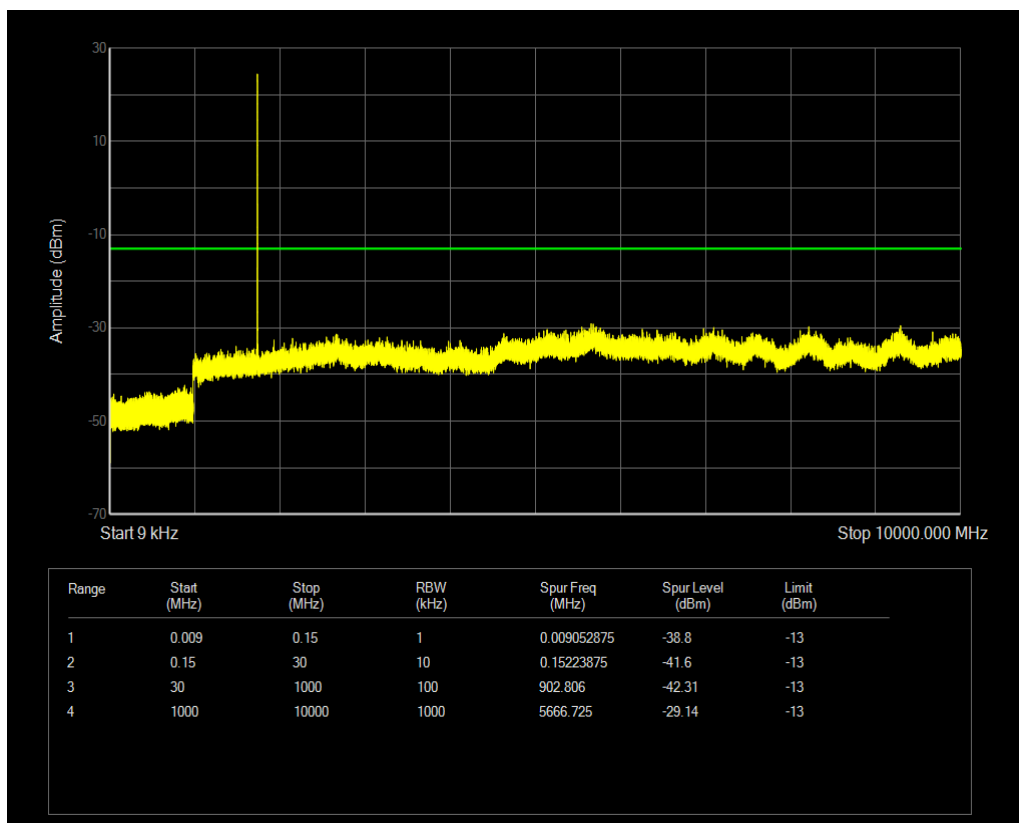
Band4 QPSK BW=1.4MHz Channel=20175 RB Size=6 Position=#0



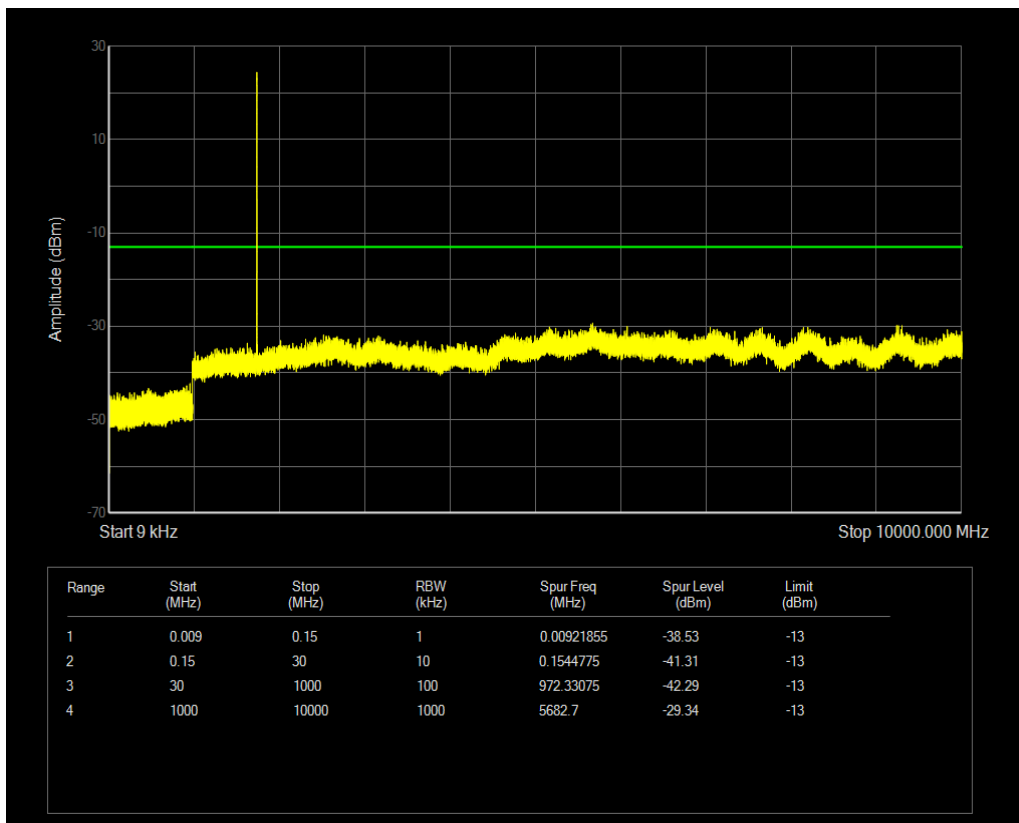
Band4 16QAM BW=1.4MHz Channel=20175 RB Size=6 Position=#0



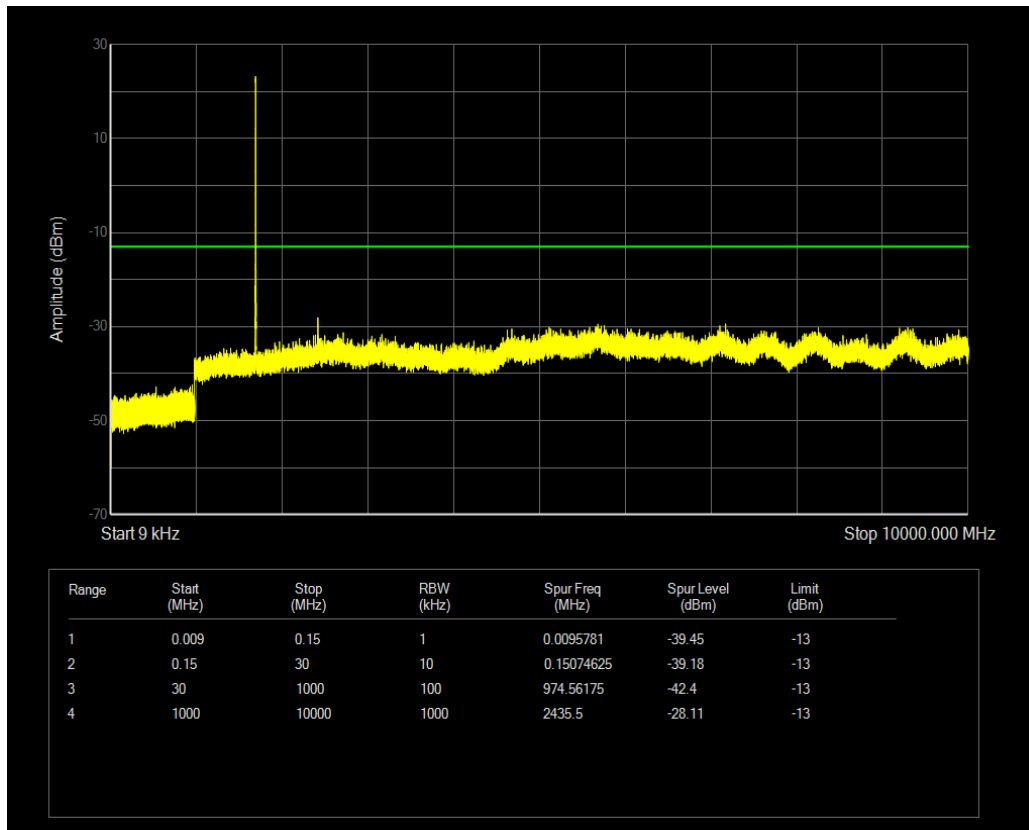
Band4 QPSK BW=1.4MHz Channel=20393 RB Size=6 Position=#0



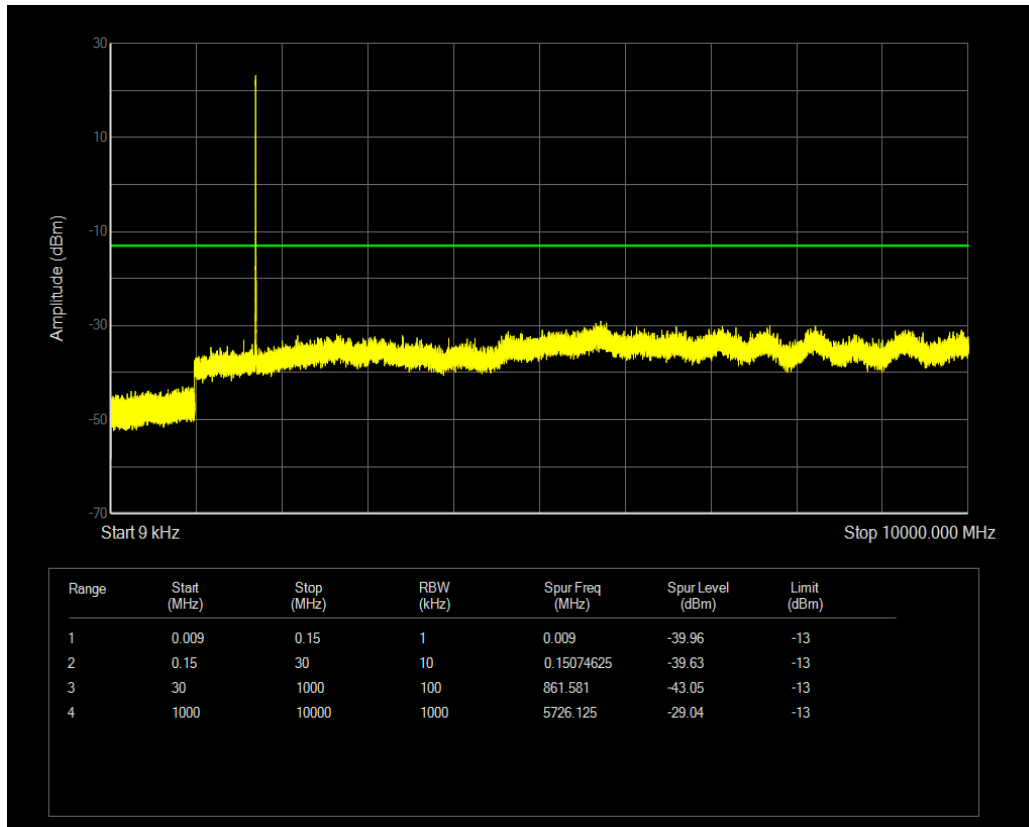
Band4 16QAM BW=1.4MHz Channel=20393 RB Size=6 Position=#0



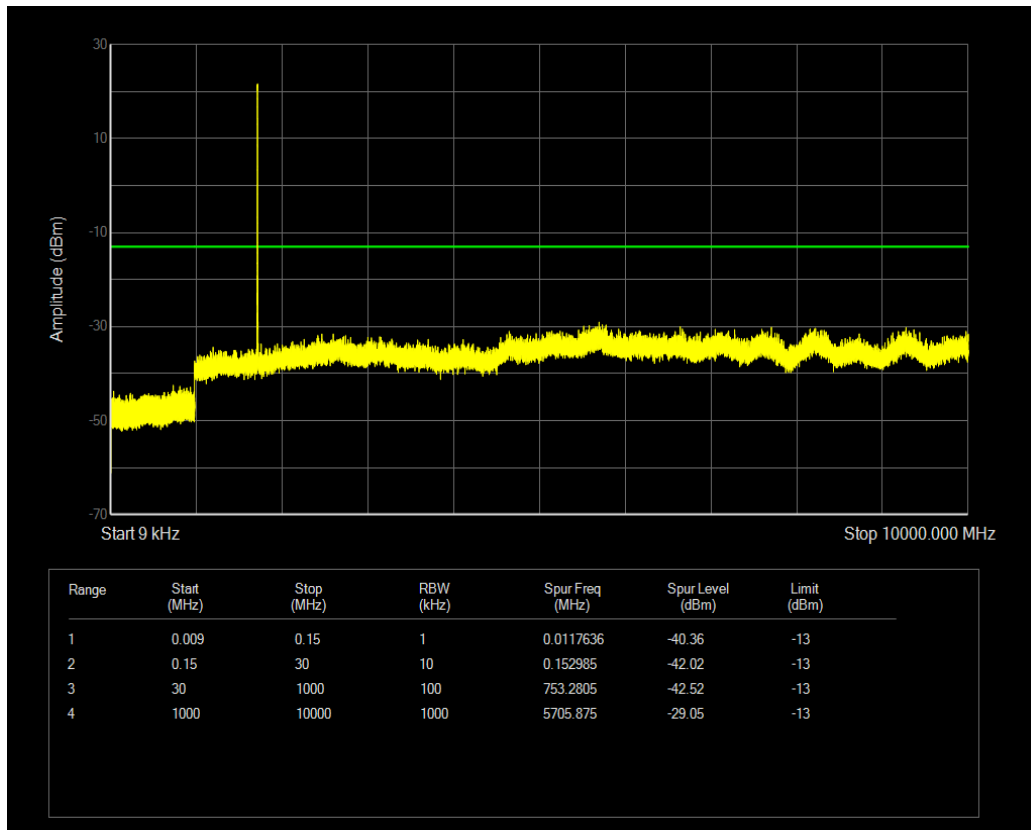
Band4 QPSK BW=3MHz Channel=19965 RB Size=15 Position=#0



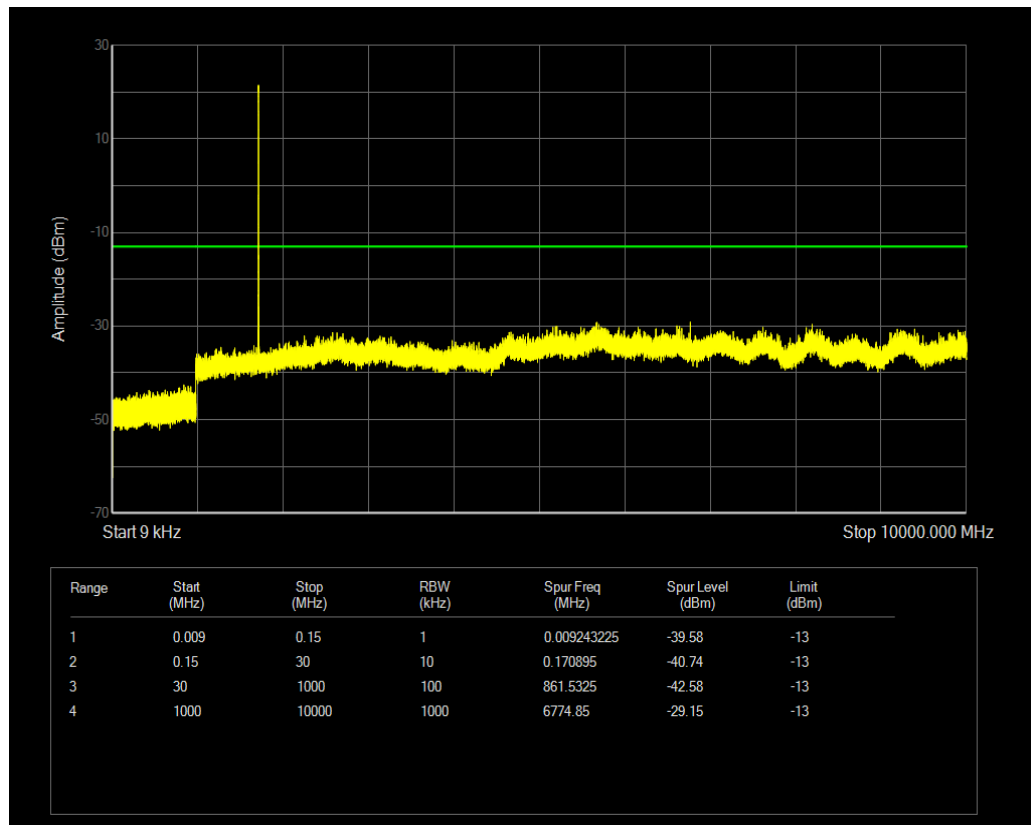
Band4 16QAM BW=3MHz Channel=19965 RB Size=15 Position=#0



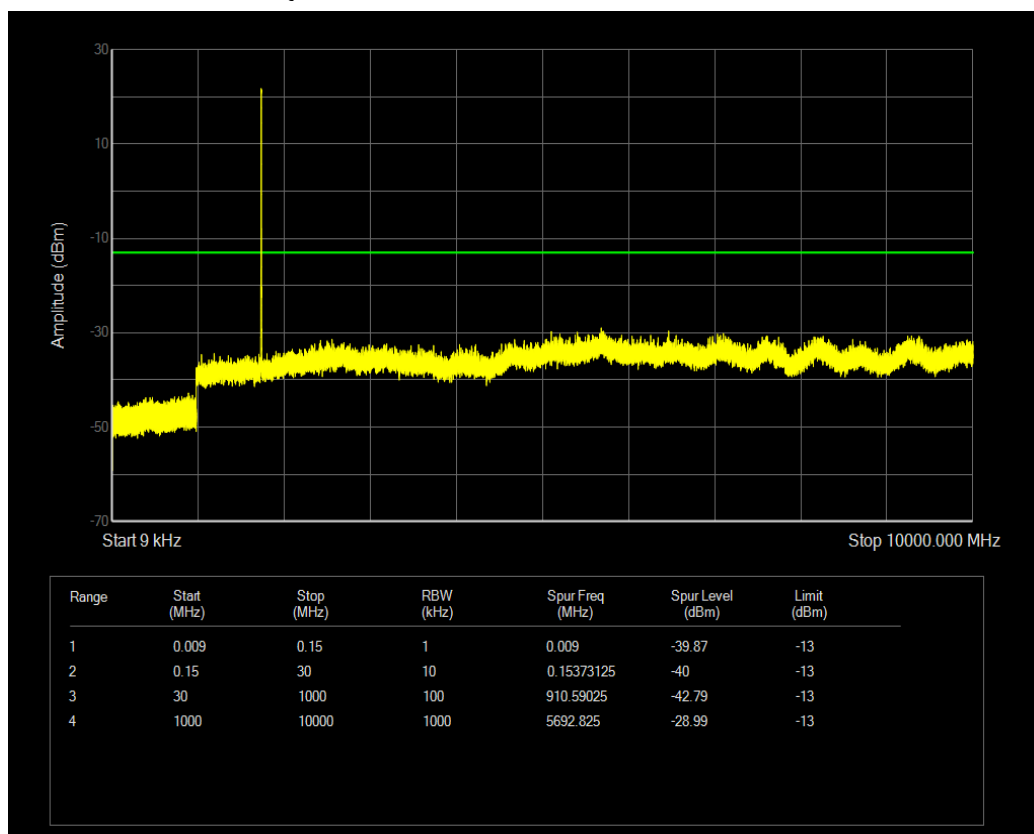
Band4 QPSK BW=3MHz Channel=20175 RB Size=15 Position=#0



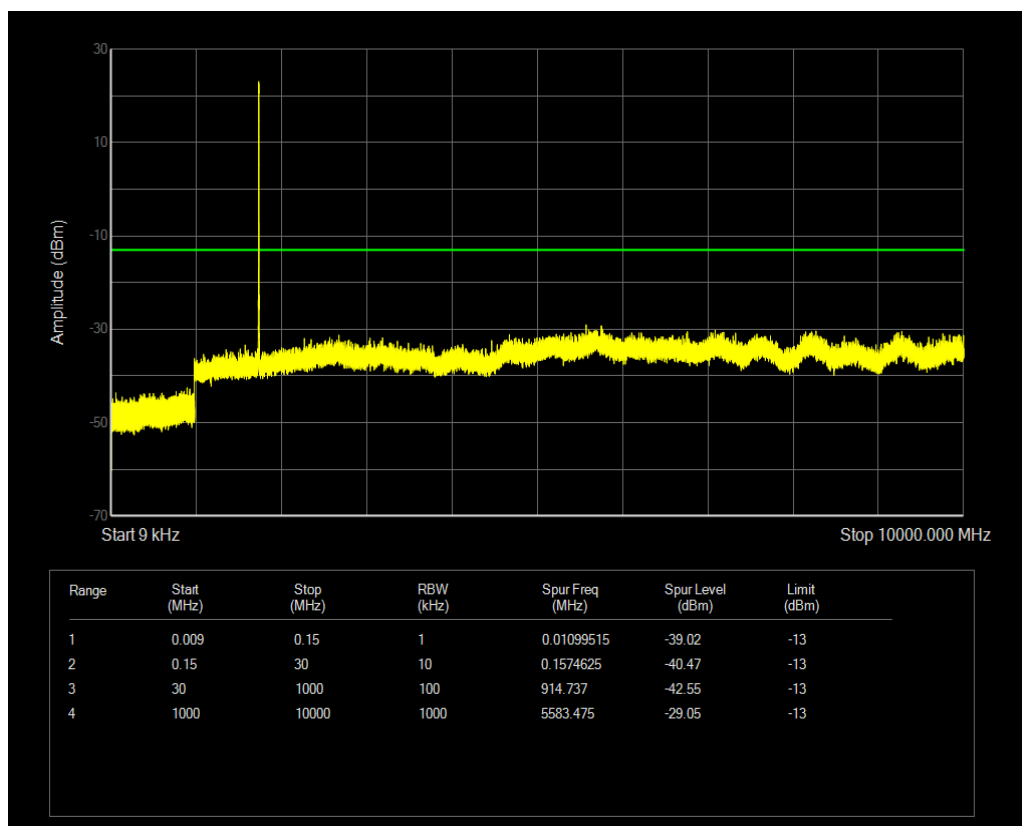
Band4 16QAM BW=3MHz Channel=20175 RB Size=15 Position=#0



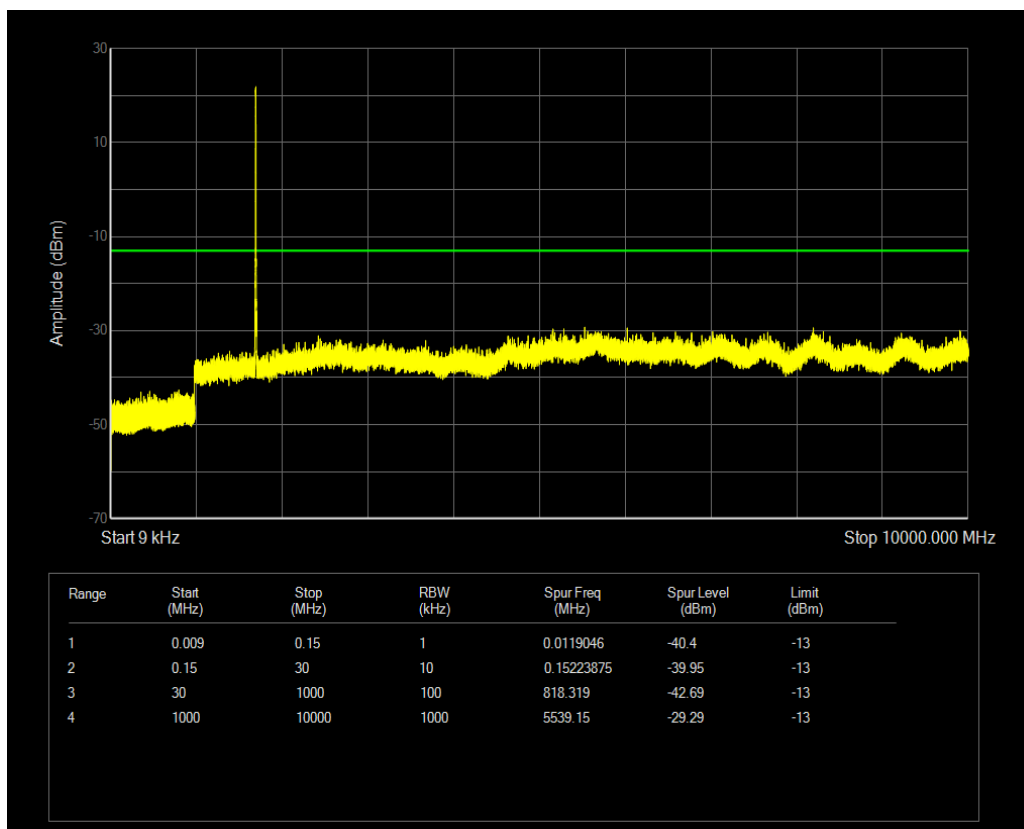
Band4 QPSK BW=3MHz Channel=20385 RB Size=15 Position=#0



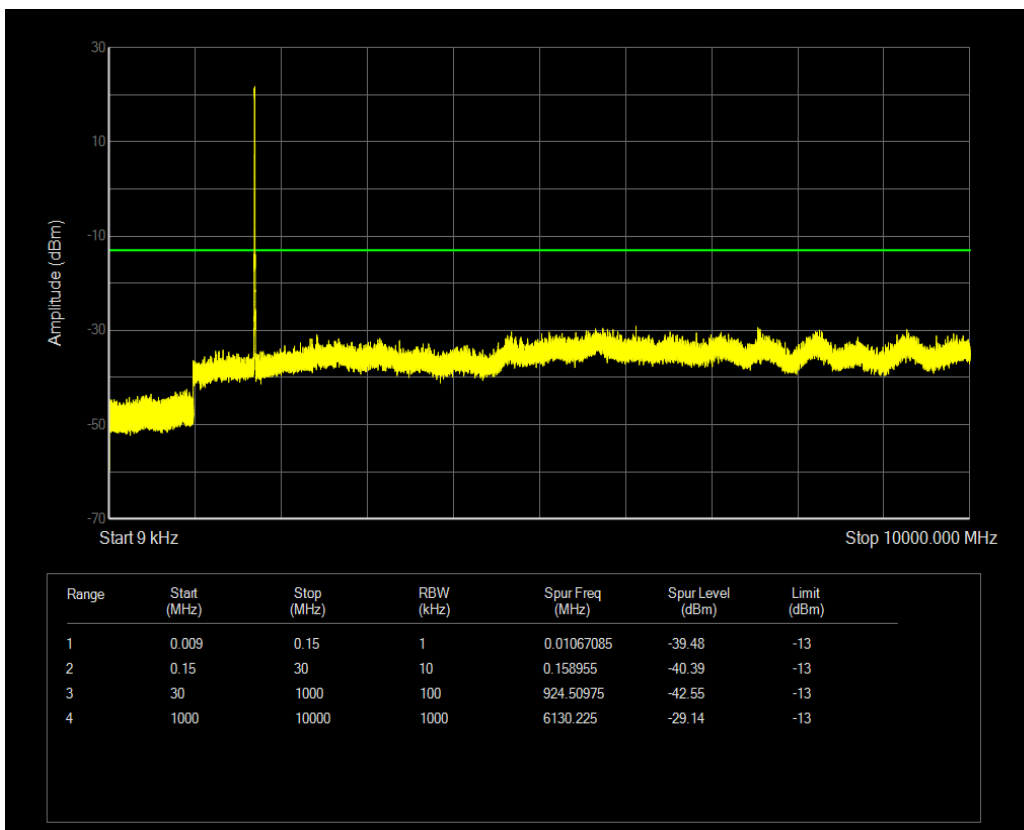
Band4 16QAM BW=3MHz Channel=20385 RB Size=15 Position=#0



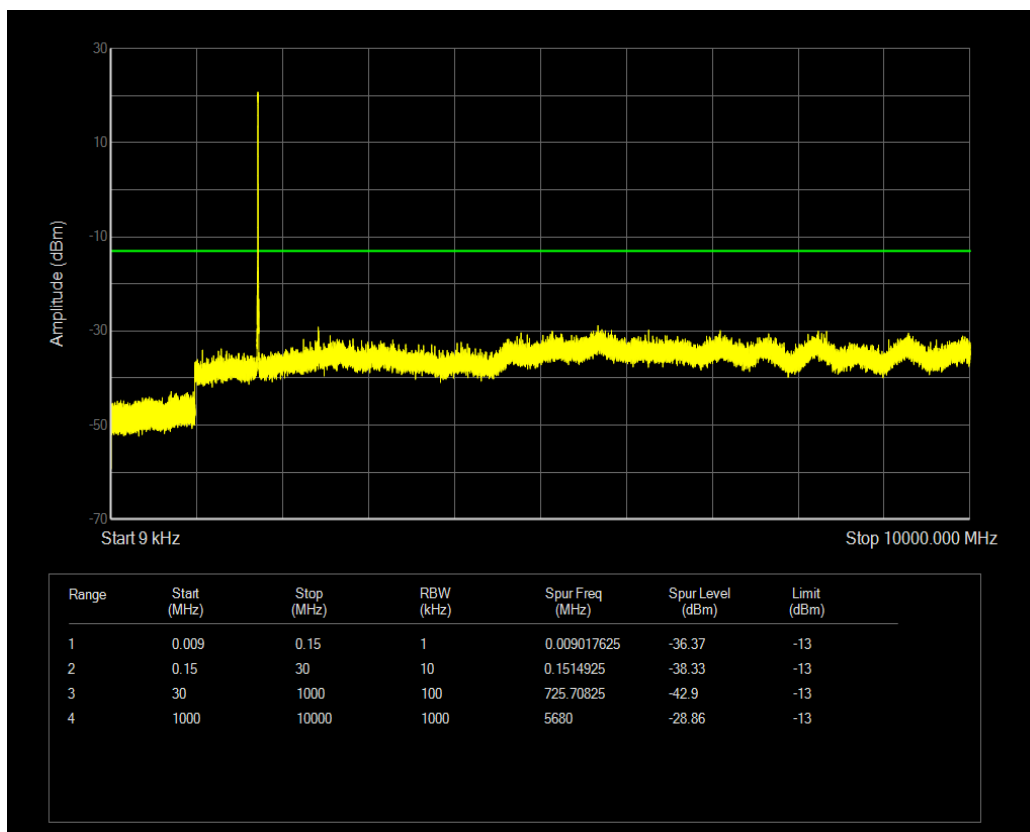
Band4 QPSK BW=5MHz Channel=19975 RB Size=25 Position=#0



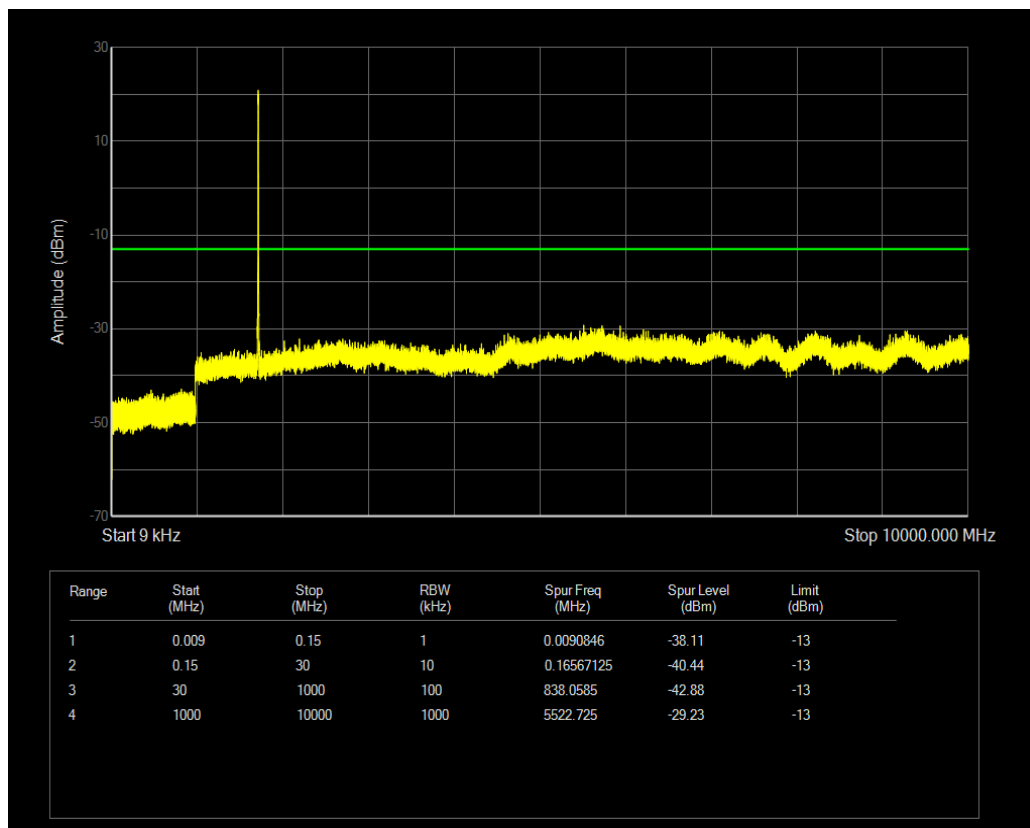
Band4 16QAM BW=5MHz Channel=19975 RB Size=25 Position=#0



Band4 QPSK BW=5MHz Channel=20175 RB Size=25 Position=#0

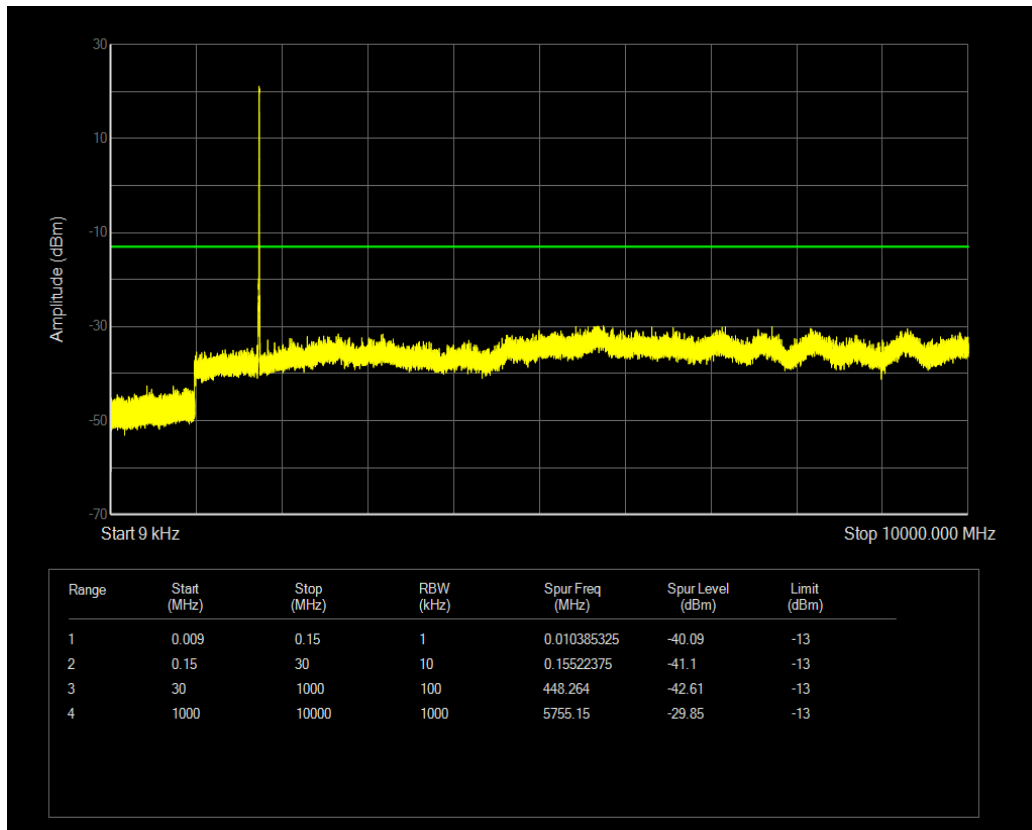


Band4 16QAM BW=5MHz Channel=20175 RB Size=25 Position=#0

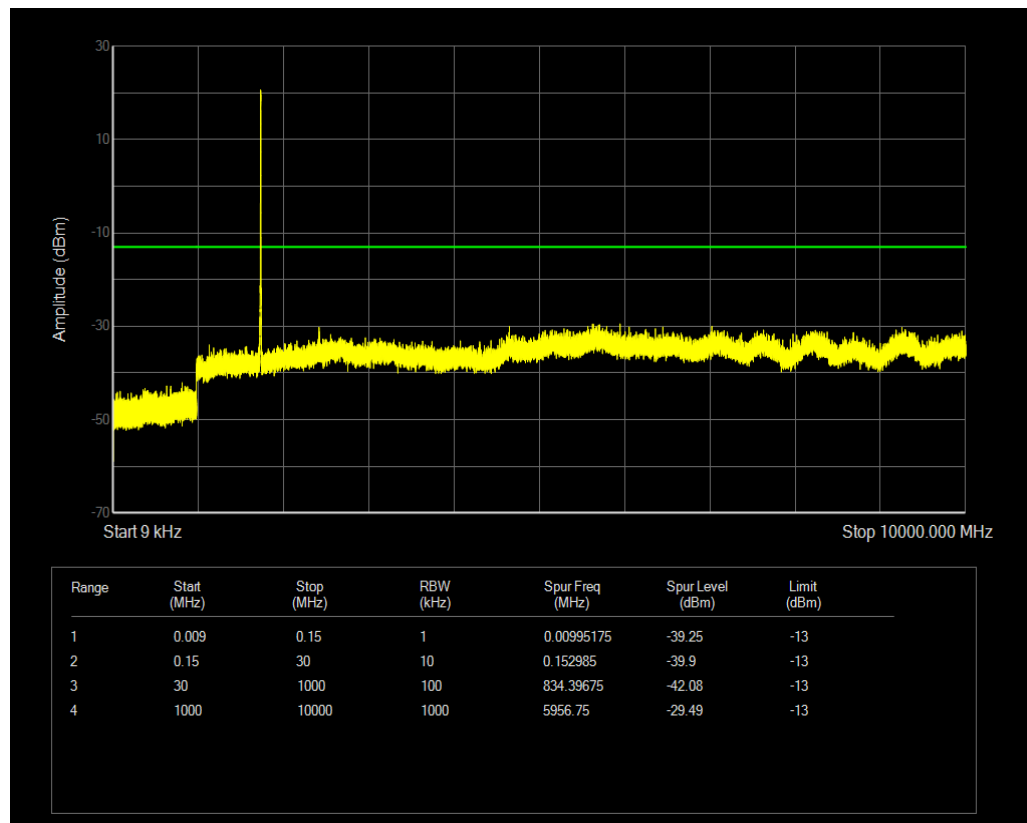




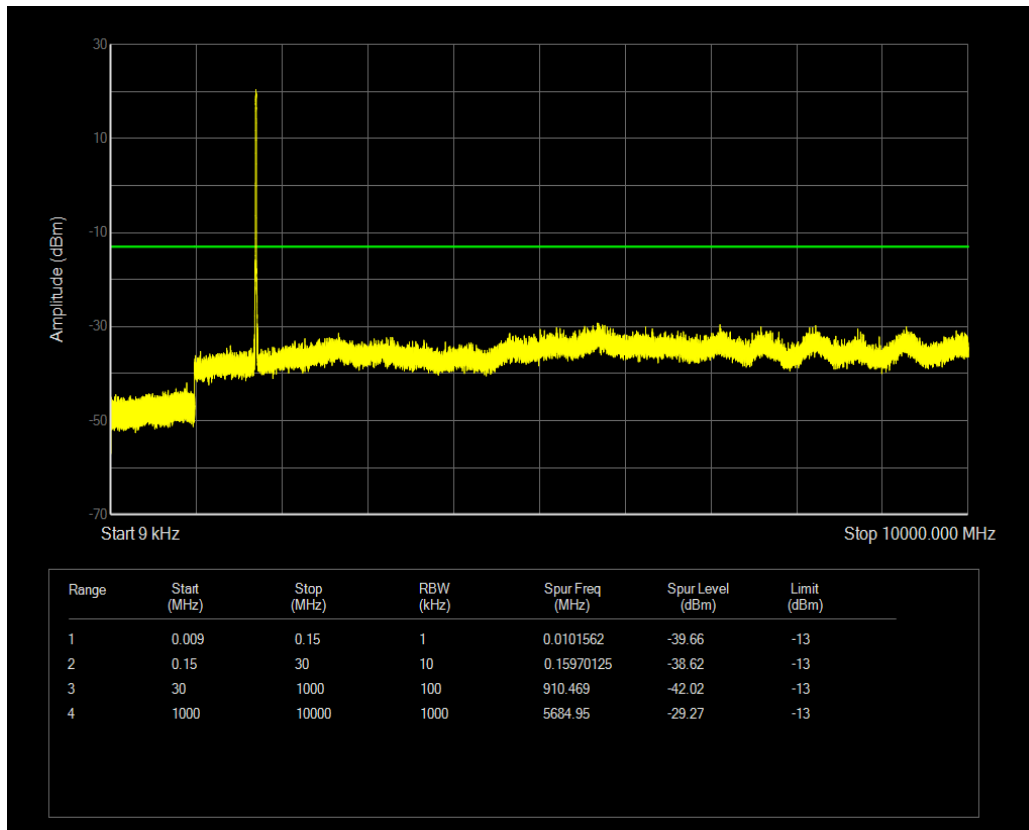
Band4 QPSK BW=5MHz Channel=20375 RB Size=25 Position=#0



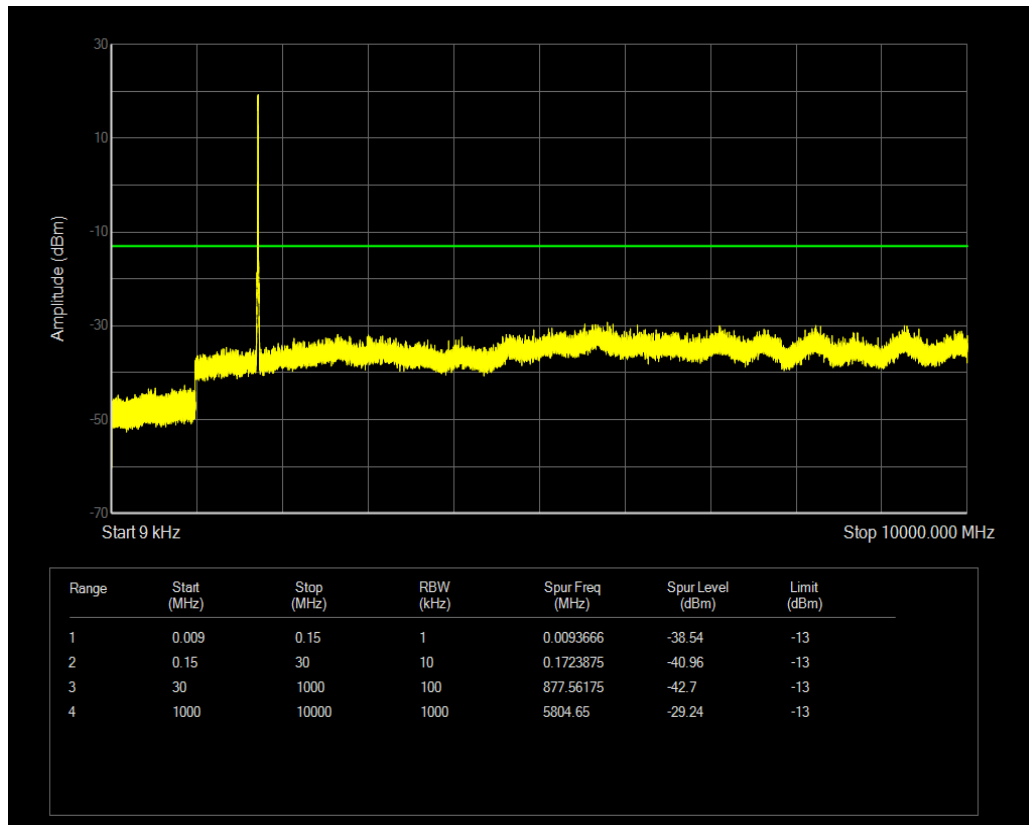
Band4 16QAM BW=5MHz Channel=20375 RB Size=25 Position=#0



Band4 QPSK BW=10MHz Channel=20000 RB Size=50 Position=#0

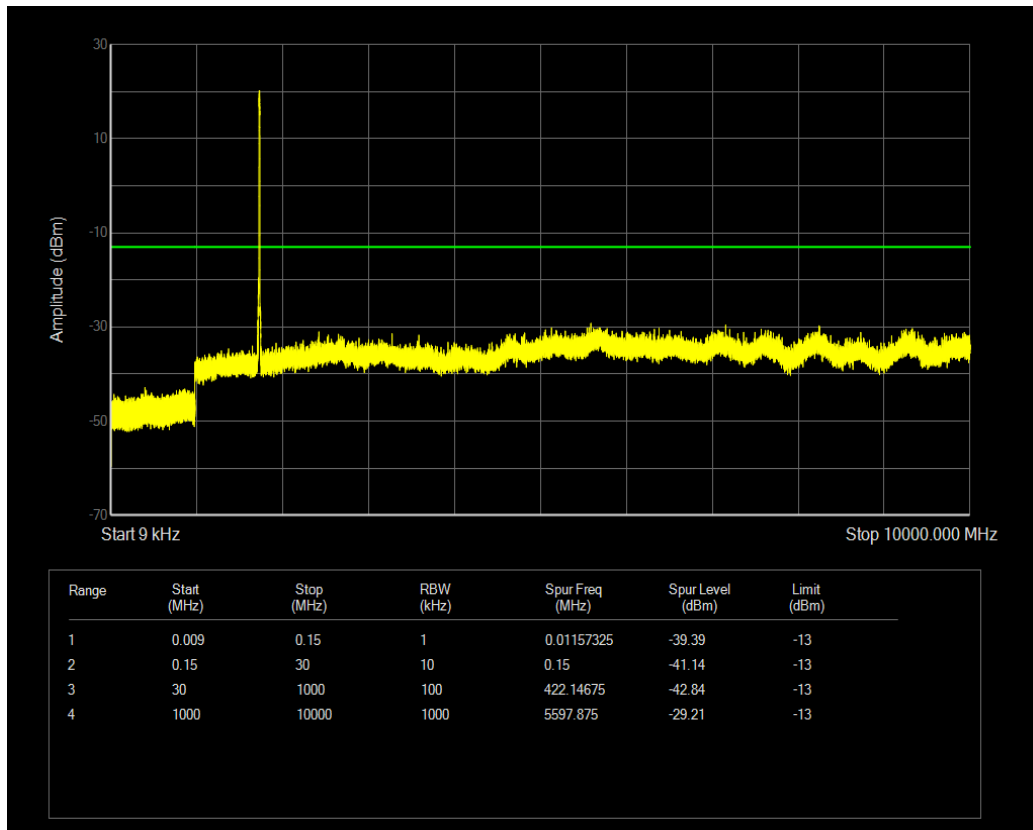


Band4 QPSK BW=10MHz Channel=20175 RB Size=50 Position=#0

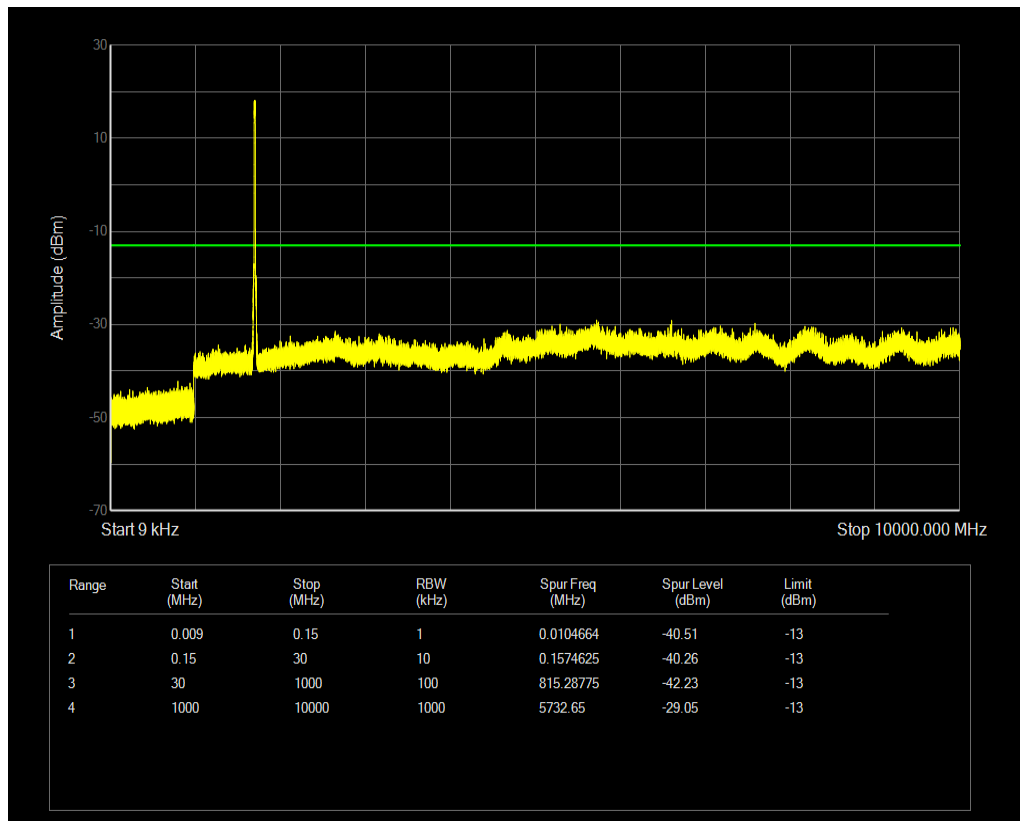




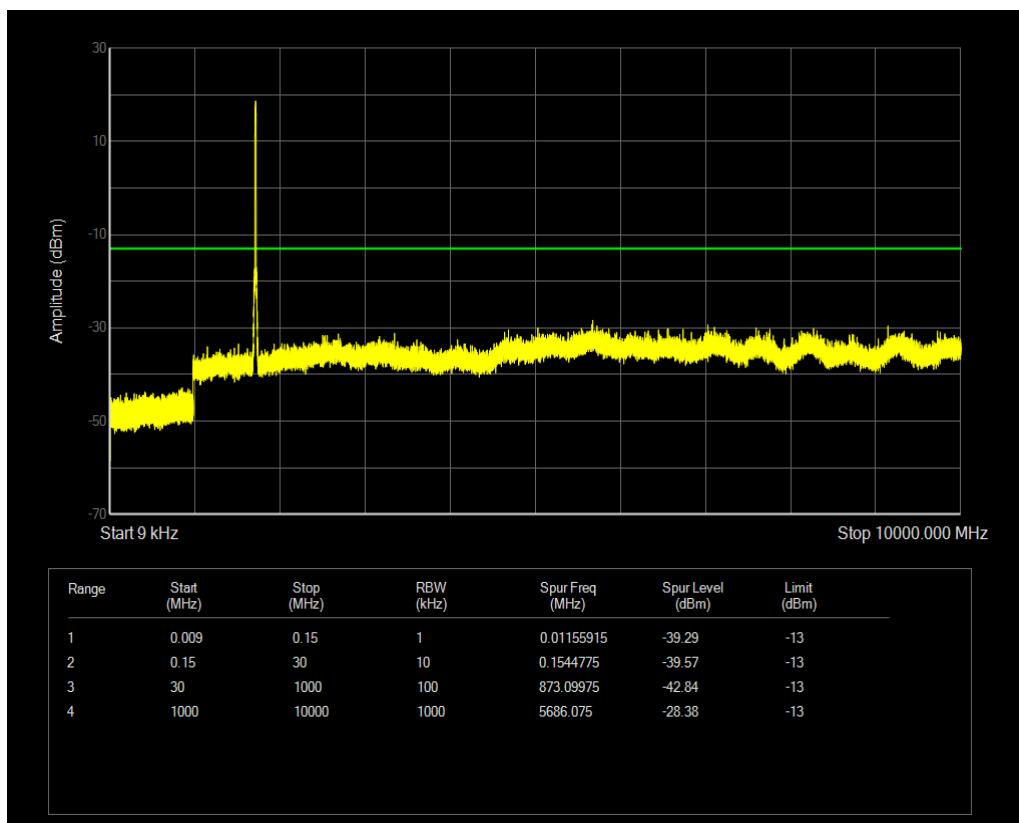
Band4 QPSK BW=10MHz Channel=20350 RB Size=50 Position=#0



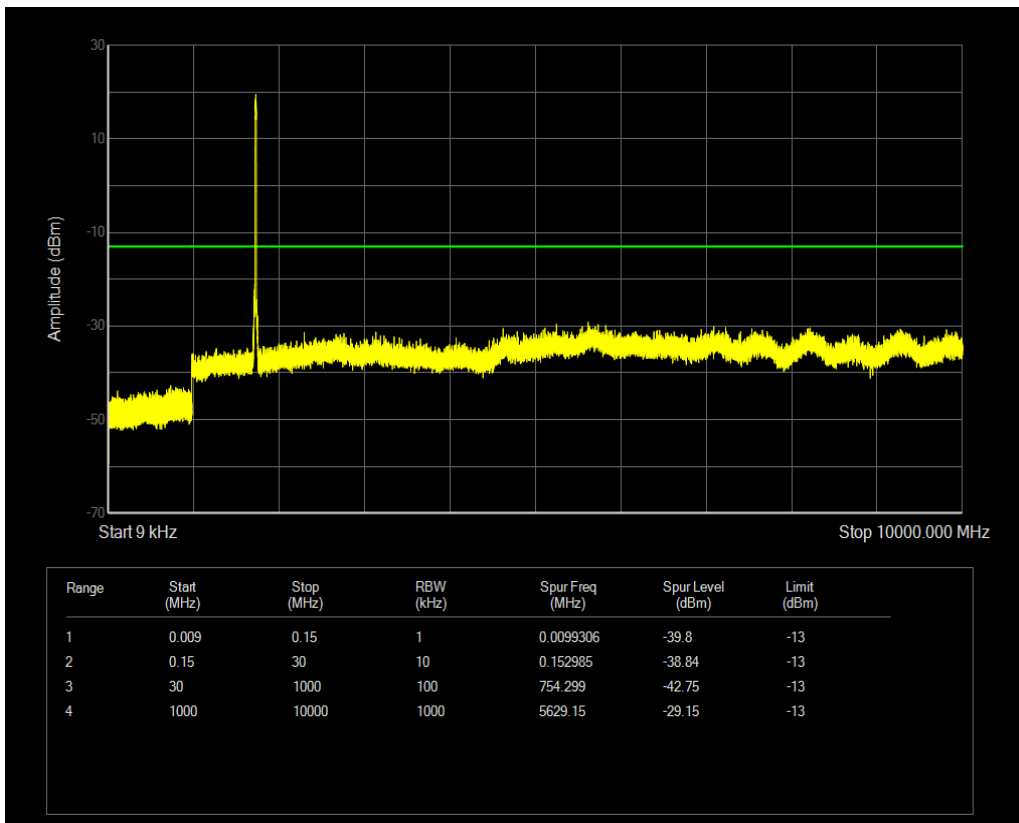
Band4 QPSK BW=15MHz Channel=20025 RB Size=75 Position=#0



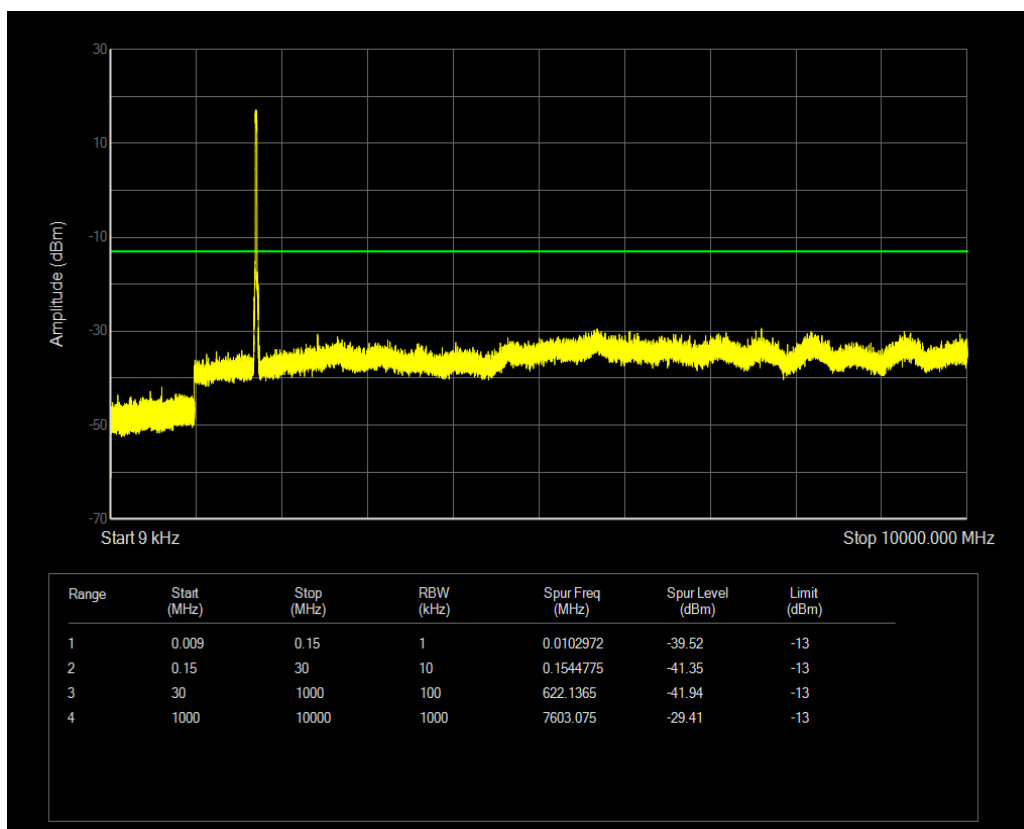
Band4 QPSK BW=15MHz Channel=20175 RB Size=75 Position=#0



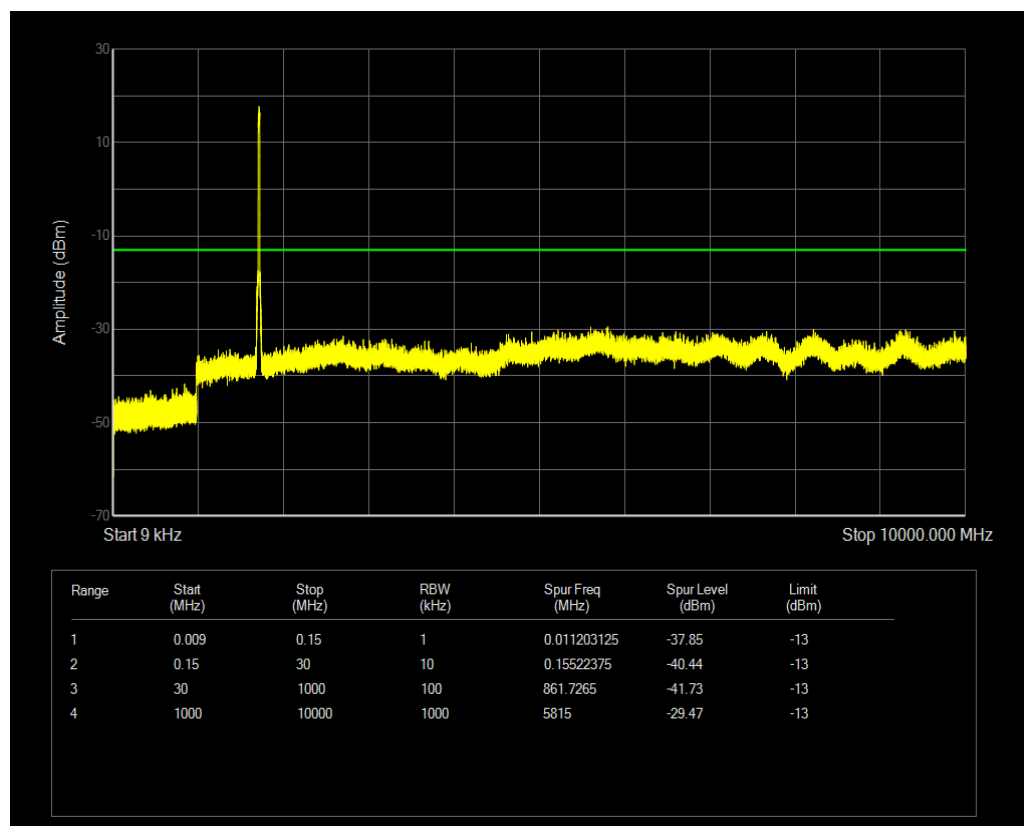
Band4 QPSK BW=15MHz Channel=20325 RB Size=75 Position=#0



Band4 QPSK BW=20MHz Channel=20050 RB Size=100 Position=#0



Band4 QPSK BW=20MHz Channel=20175 RB Size=100 Position=#0



Band4 QPSK BW=20MHz Channel=20300 RB Size=100 Position=#0

