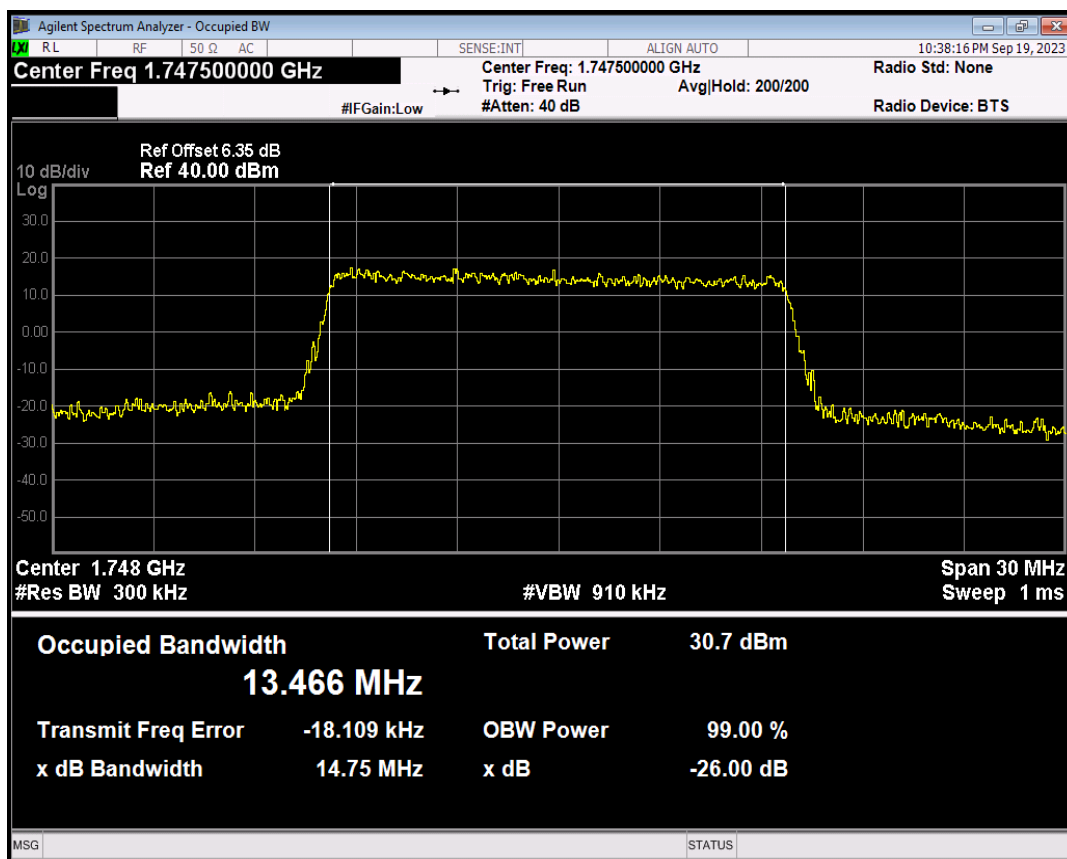
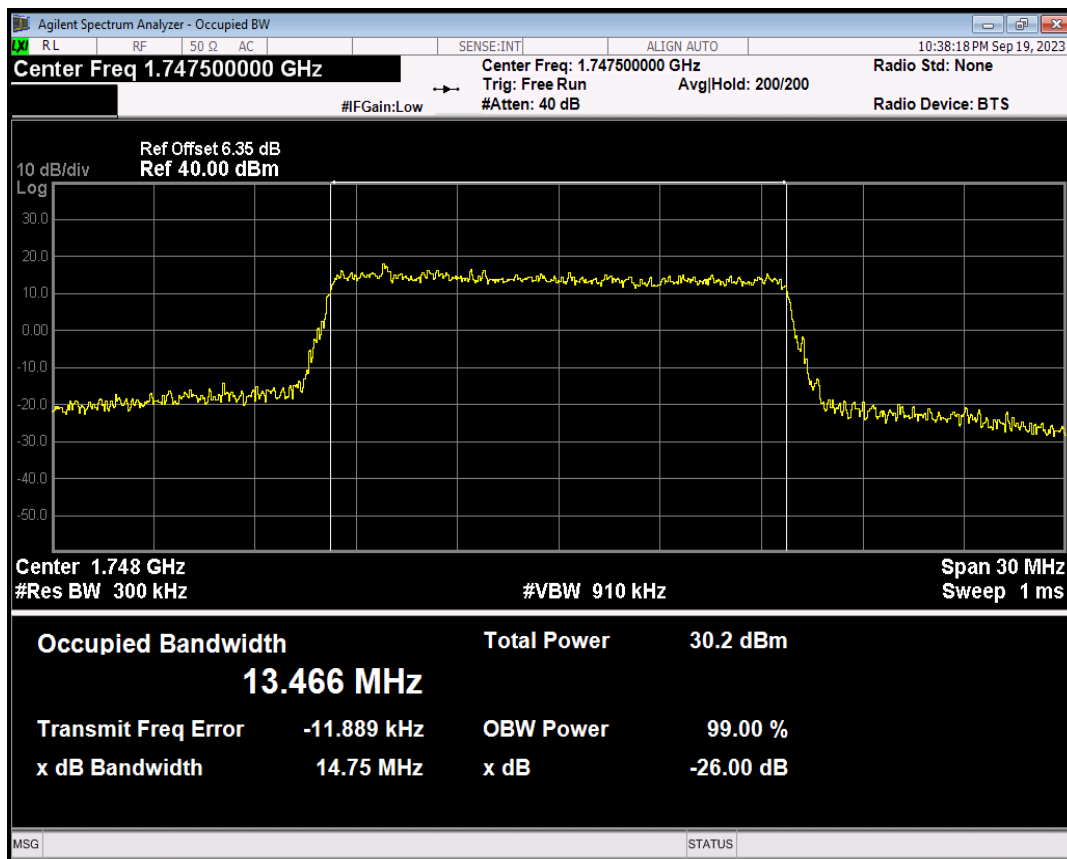




Band4 QPSK BW=15MHz Channel=20325 RB Size=75 Position=#0

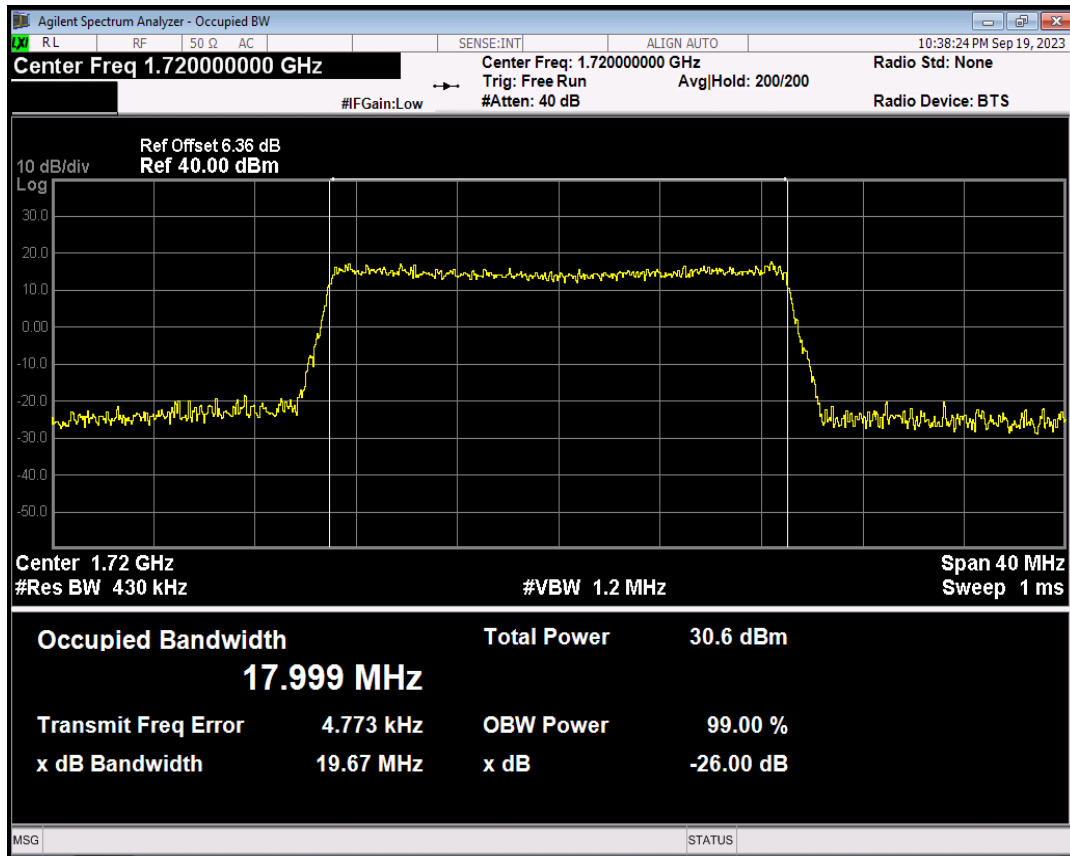


Band4 16QAM BW=15MHz Channel=20325 RB Size=75 Position=#0

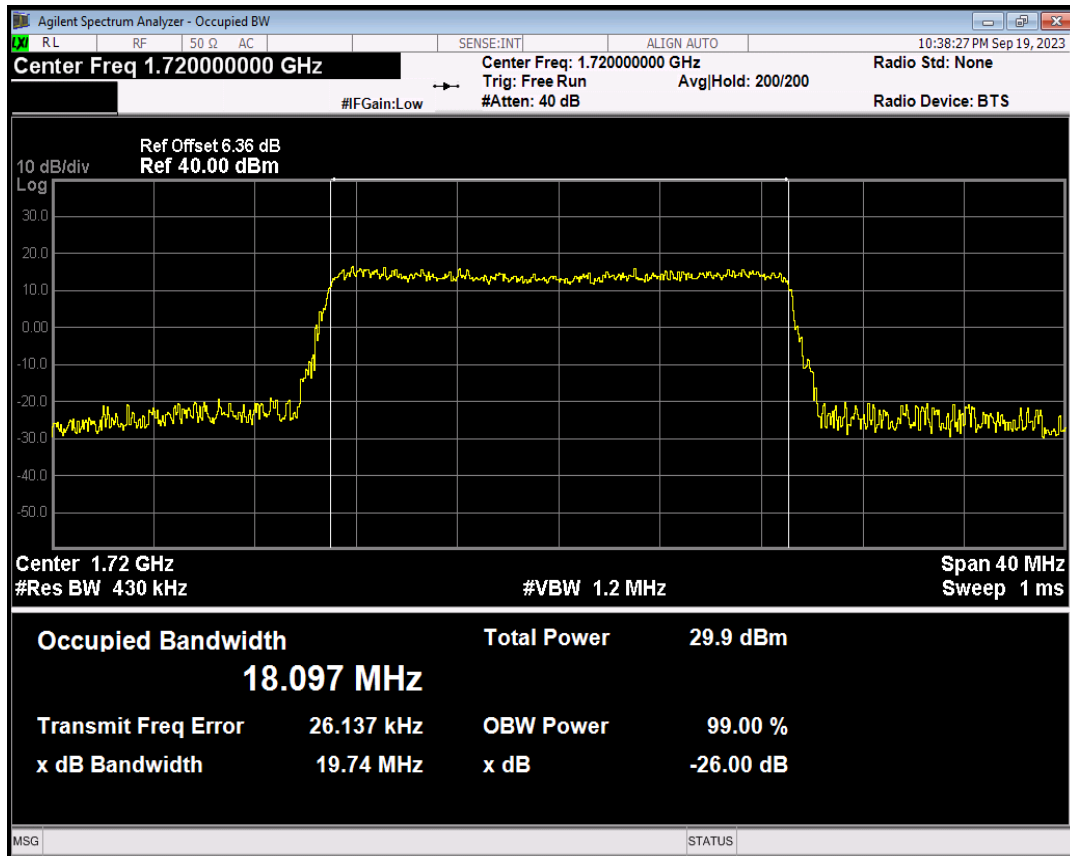




Band4 QPSK BW=20MHz Channel=20050 RB Size=100 Position=#0

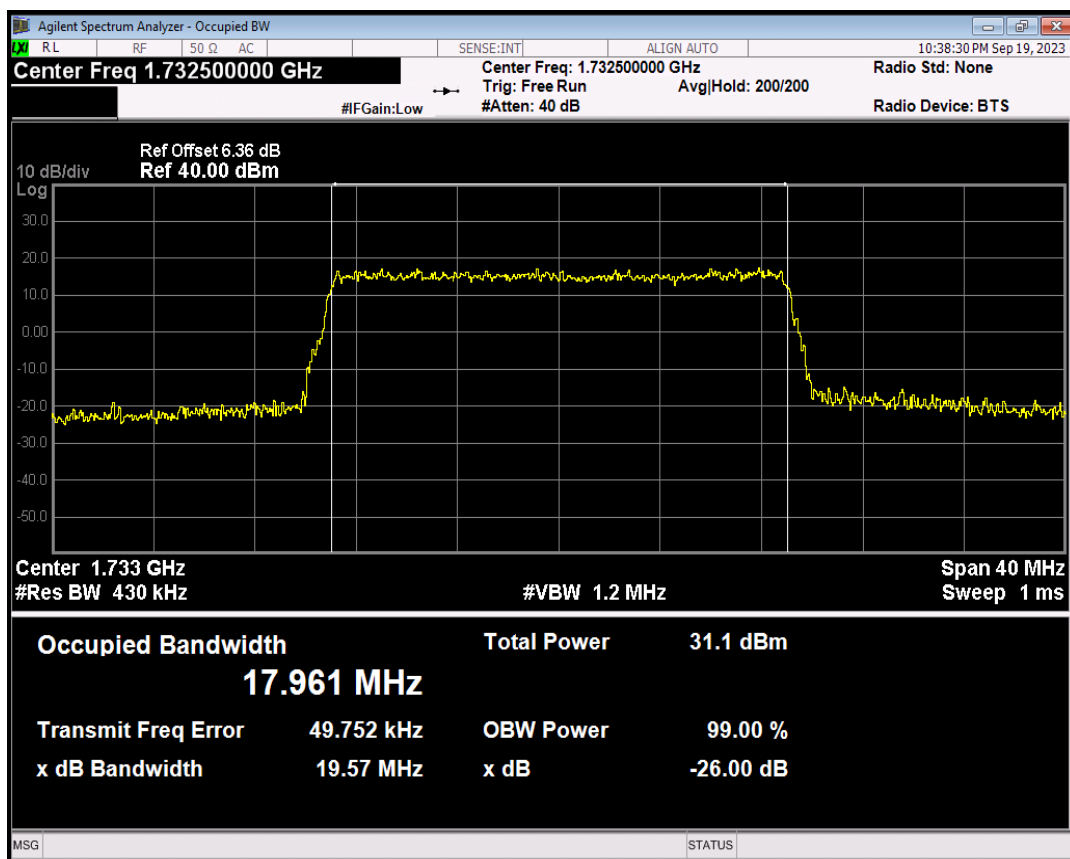


Band4 16QAM BW=20MHz Channel=20050 RB Size=100 Position=#0

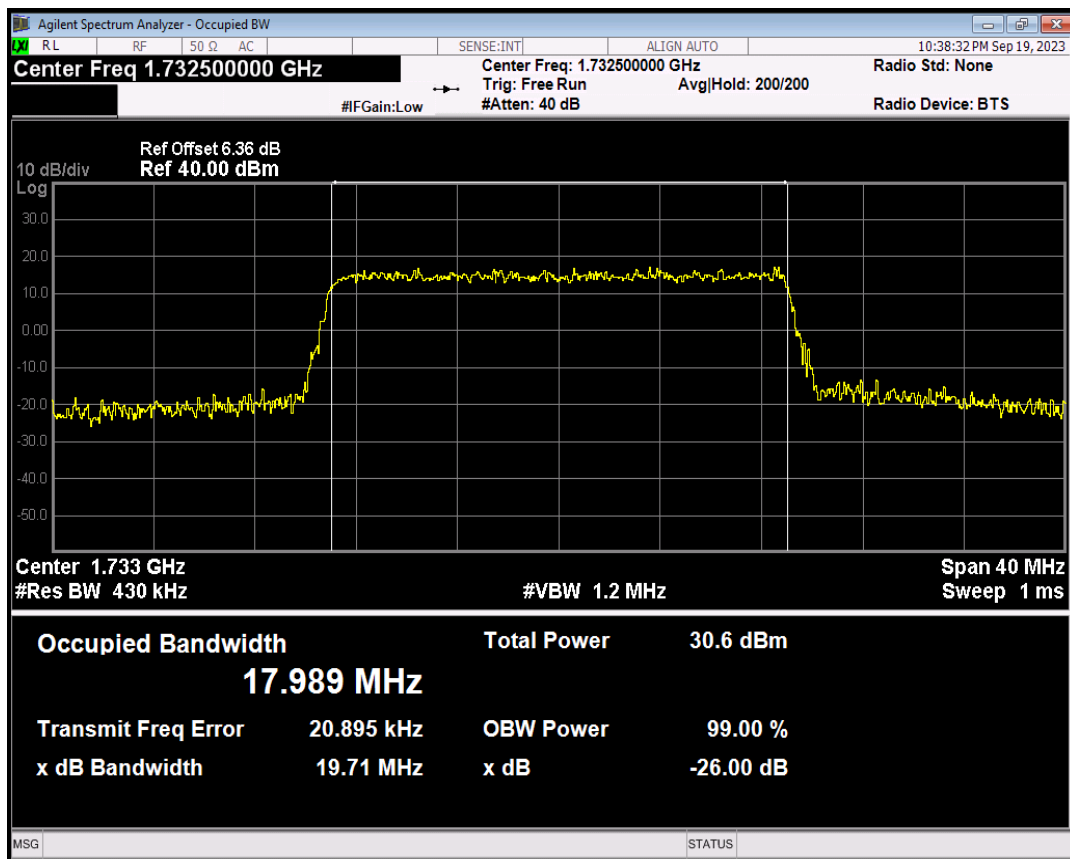




Band4 QPSK BW=20MHz Channel=20175 RB Size=100 Position=#0

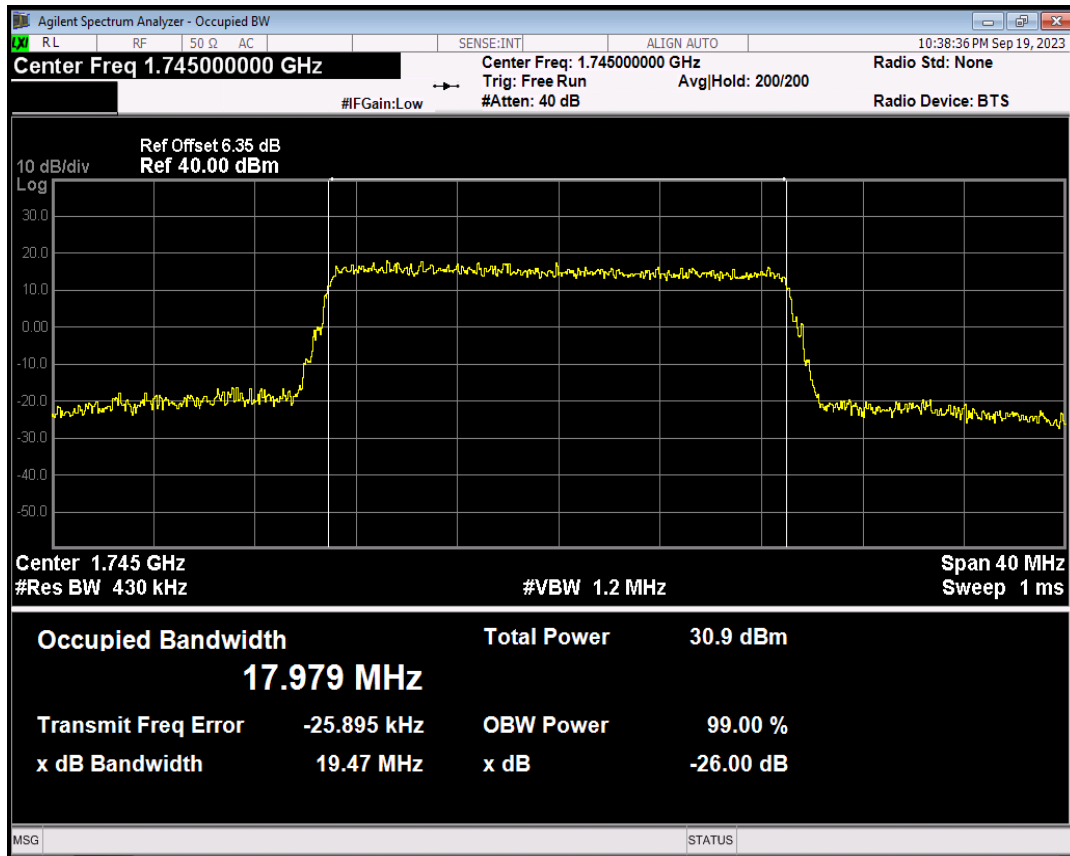


Band4 16QAM BW=20MHz Channel=20175 RB Size=100 Position=#0

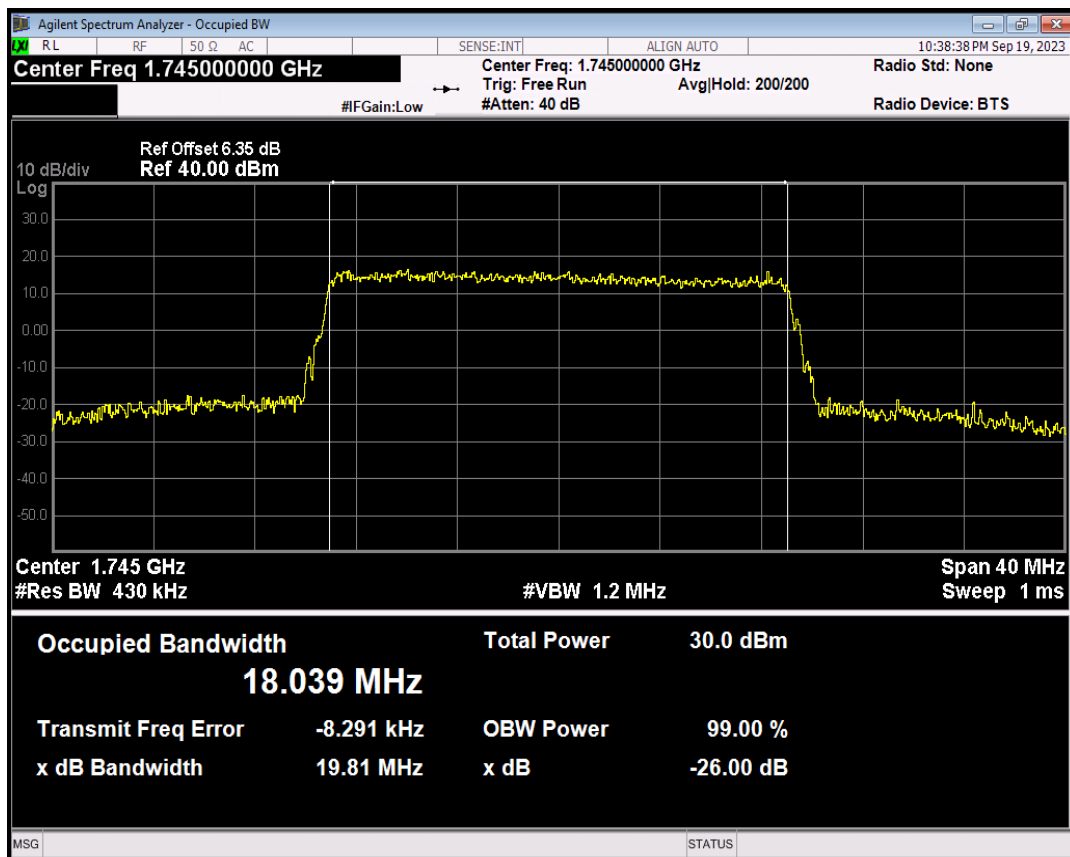




Band4 QPSK BW=20MHz Channel=20300 RB Size=100 Position=#0



Band4 16QAM BW=20MHz Channel=20300 RB Size=100 Position=#0



Appendix 5. Band edge

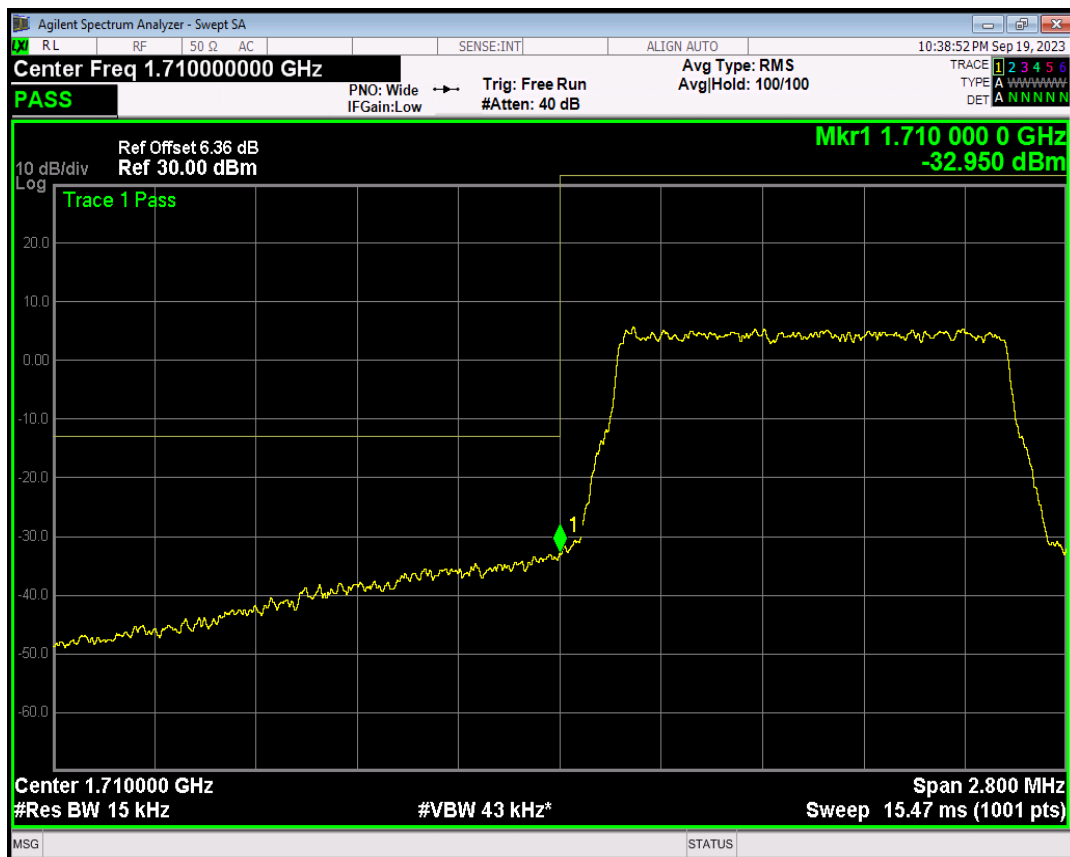
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band4	1.4	19957	6	#0	QPSK	1710.00	-30.52	-13	PASS
Band4	1.4	19957	6	#0	16QAM	1710.00	-32.94	-13	PASS
Band4	1.4	20393	6	#0	QPSK	1755.01	-35.01	-13	PASS
Band4	1.4	20393	6	#0	16QAM	1755.01	-35.11	-13	PASS
Band4	3	19965	15	#0	QPSK	1710.00	-22.93	-13	PASS
Band4	3	19965	15	#0	16QAM	1710.00	-24.68	-13	PASS
Band4	3	20385	15	#0	QPSK	1755.00	-25.98	-13	PASS
Band4	3	20385	15	#0	16QAM	1755.00	-26.46	-13	PASS
Band4	5	19975	25	#0	QPSK	1710.00	-30.28	-13	PASS
Band4	5	19975	25	#0	16QAM	1710.00	-28.51	-13	PASS
Band4	5	20375	25	#0	QPSK	1755.01	-31.82	-13	PASS
Band4	5	20375	25	#0	16QAM	1755.00	-32.13	-13	PASS
Band4	10	20000	50	#0	QPSK	1710.00	-32.23	-13	PASS
Band4	10	20000	50	#0	16QAM	1710.00	-31.93	-13	PASS
Band4	10	20350	50	#0	QPSK	1755.00	-35.24	-13	PASS
Band4	10	20350	50	#0	16QAM	1755.00	-35.98	-13	PASS
Band4	15	20025	75	#0	QPSK	1707.90	-32.42	-13	PASS
Band4	15	20025	75	#0	16QAM	1710.00	-33.76	-13	PASS
Band4	15	20325	75	#0	QPSK	1755.12	-32.80	-13	PASS
Band4	15	20325	75	#0	16QAM	1755.00	-31.85	-13	PASS
Band4	20	20050	100	#0	QPSK	1709.92	-33.14	-13	PASS
Band4	20	20050	100	#0	16QAM	1710.00	-34.90	-13	PASS
Band4	20	20300	100	#0	QPSK	1755.20	-32.81	-13	PASS
Band4	20	20300	100	#0	16QAM	1755.00	-34.72	-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

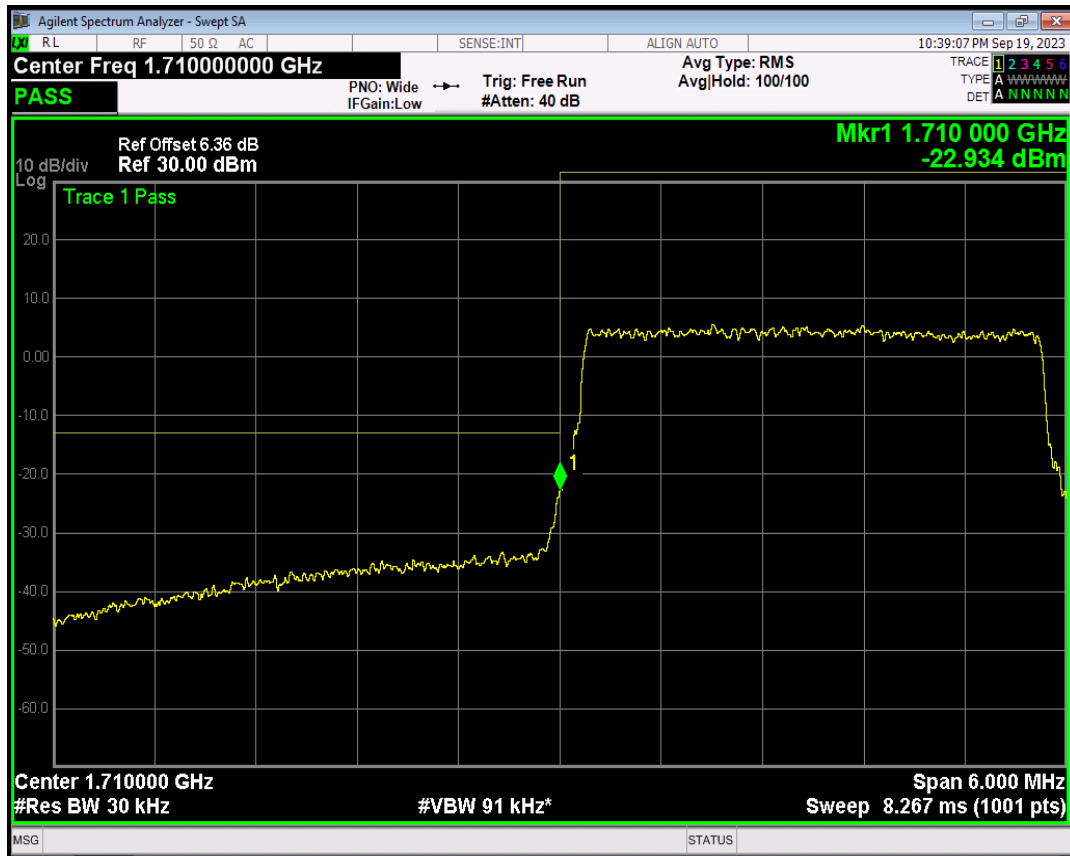


Band4 16QAM BW=1.4MHz Channel=20393 RB Size=6 Position=#0

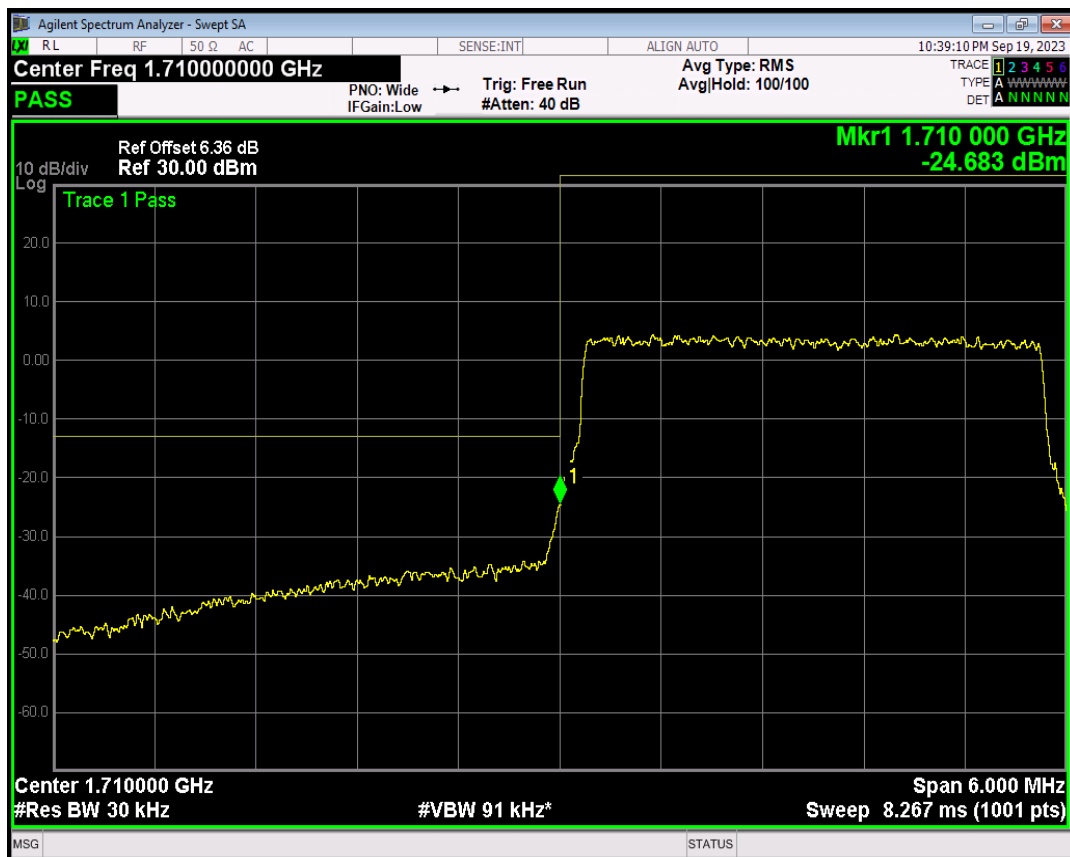




Band4 QPSK BW=3MHz Channel=19965 RB Size=15 Position=#0



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

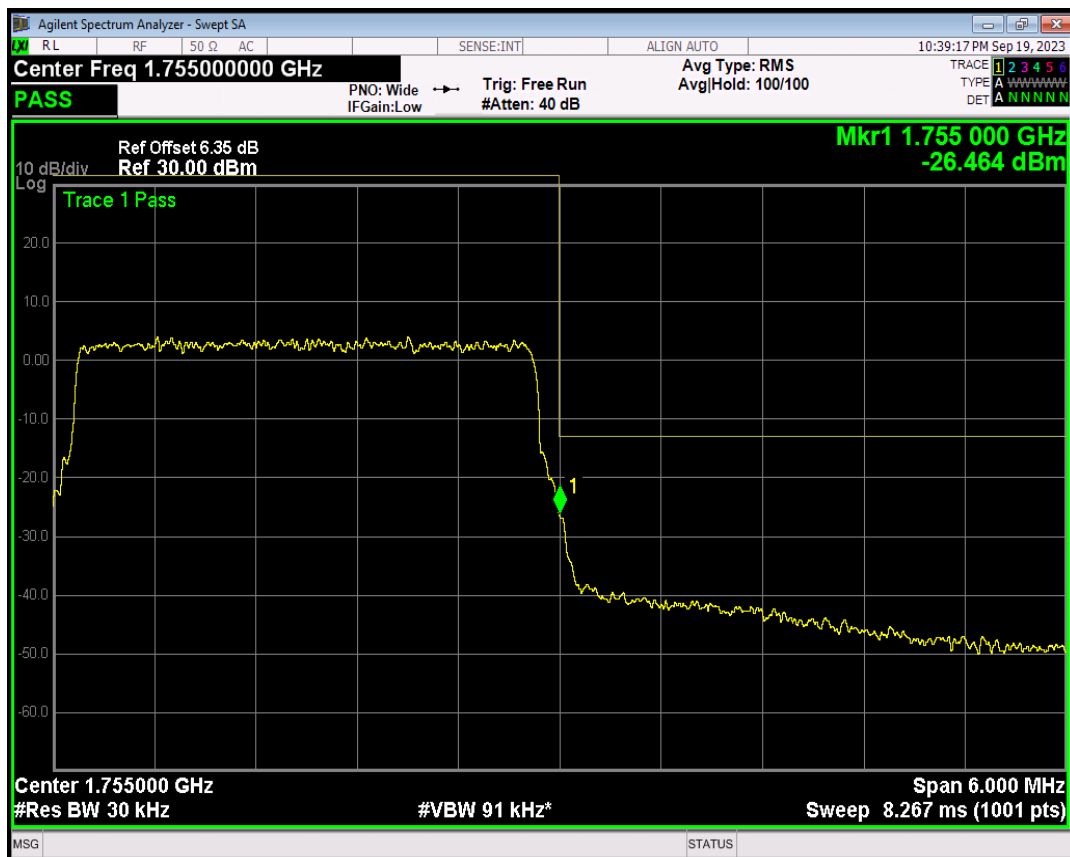




Band4 QPSK BW=3MHz Channel=20385 RB Size=15 Position=#0

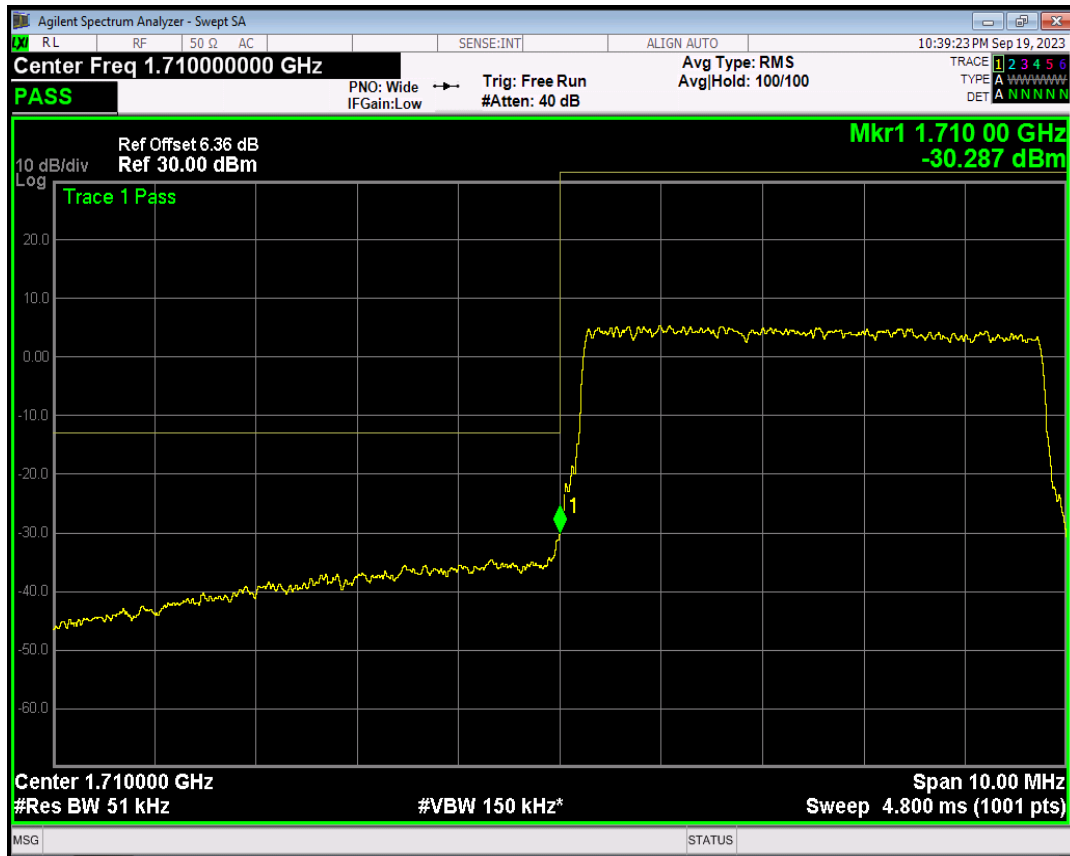


Band4 16QAM BW=3MHz Channel=20385 RB Size=15 Position=#0

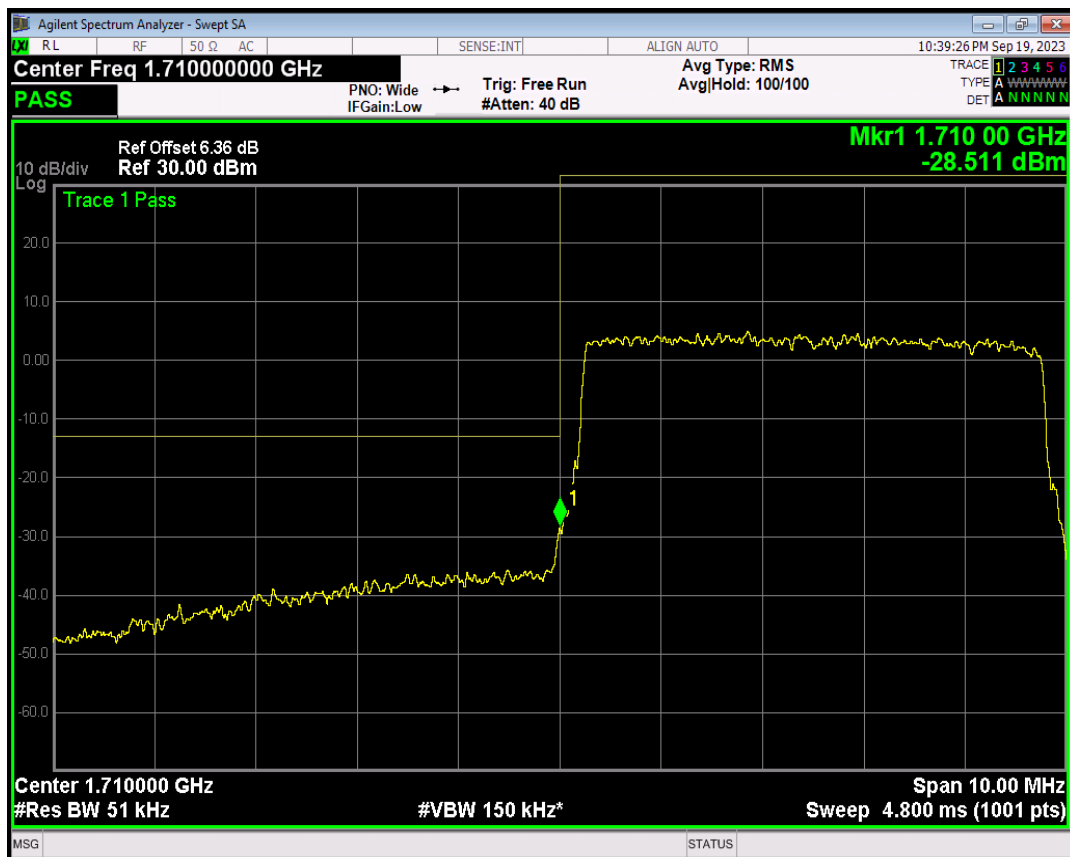




Band4 QPSK BW=5MHz Channel=19975 RB Size=25 Position=#0

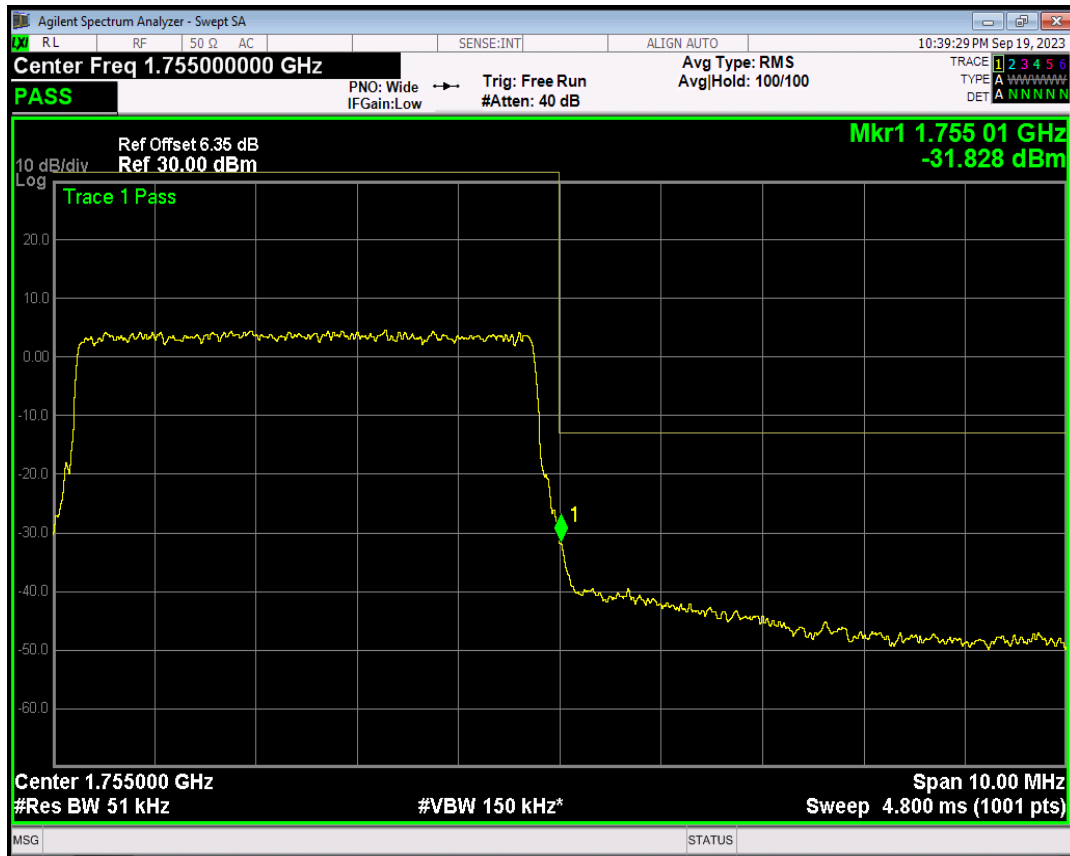


Band4 16QAM BW=5MHz Channel=19975 RB Size=25 Position=#0

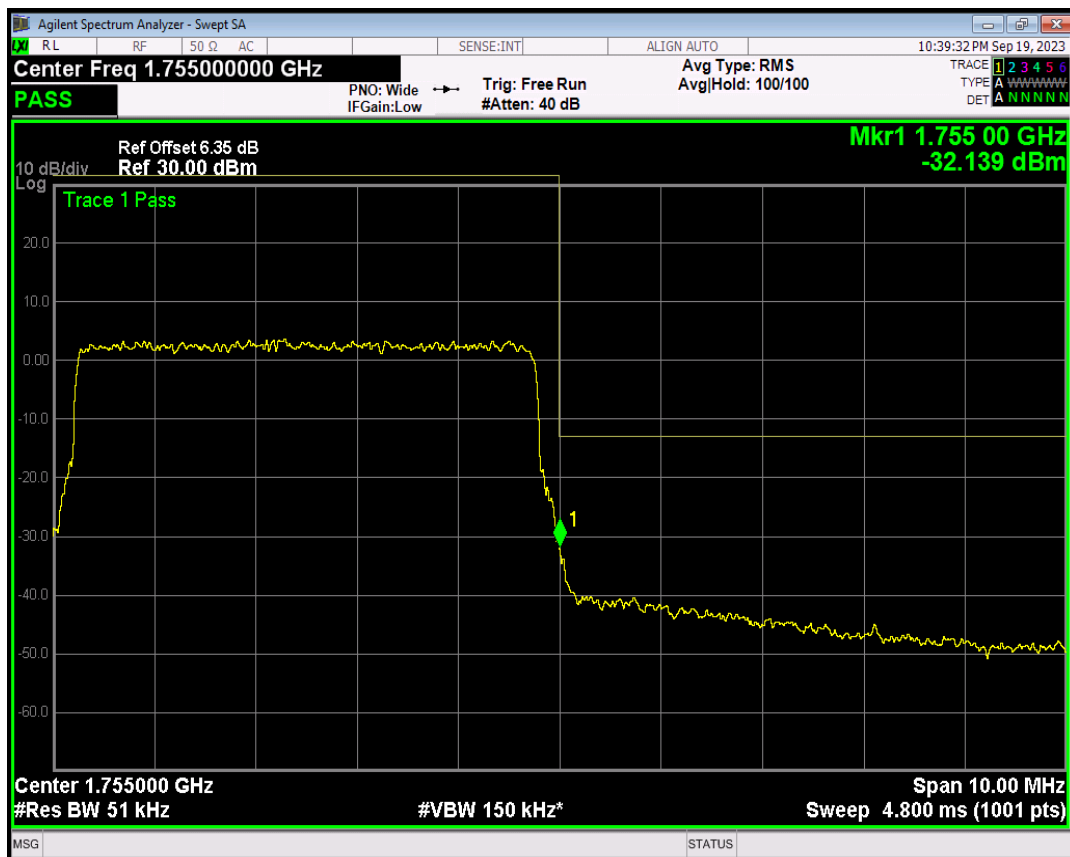




Band4 QPSK BW=5MHz Channel=20375 RB Size=25 Position=#0

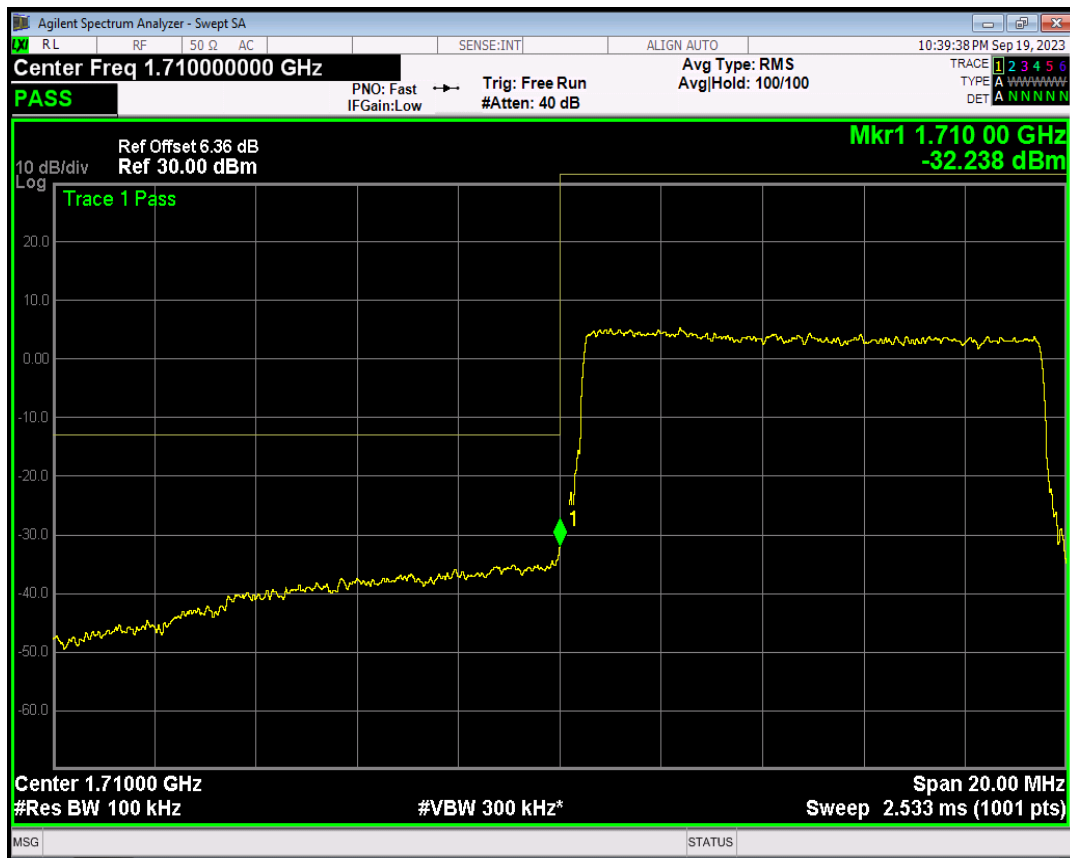


Band4 16QAM BW=5MHz Channel=20375 RB Size=25 Position=#0

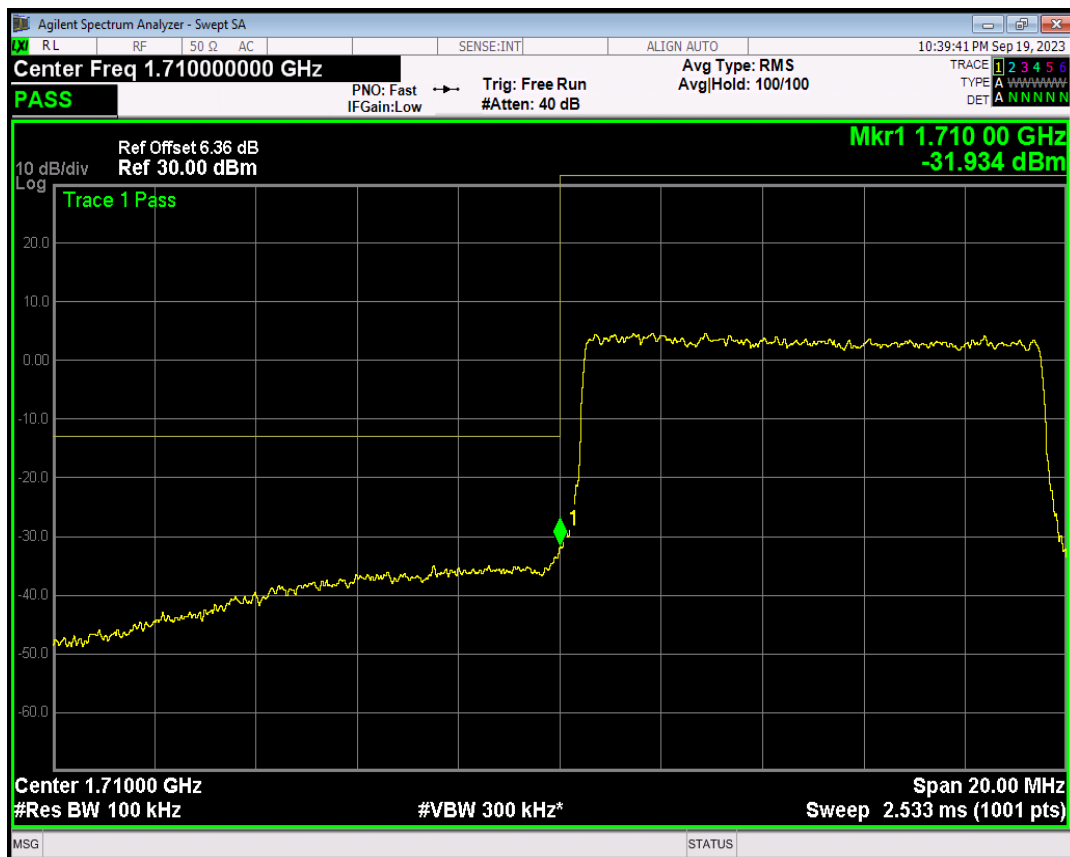




Band4 QPSK BW=10MHz Channel=20000 RB Size=50 Position=#0



Band4 16QAM BW=10MHz Channel=20000 RB Size=50 Position=#0





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

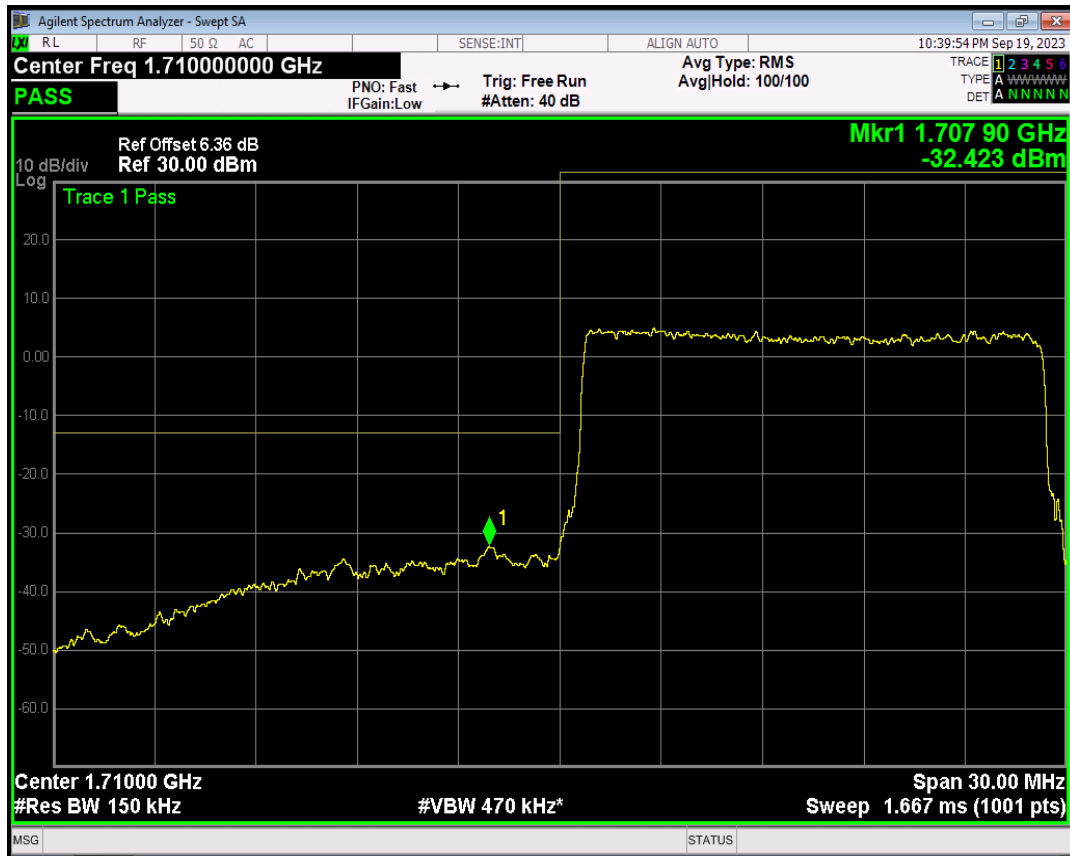


Band4 16QAM BW=10MHz Channel=20350 RB Size=50 Position=#0

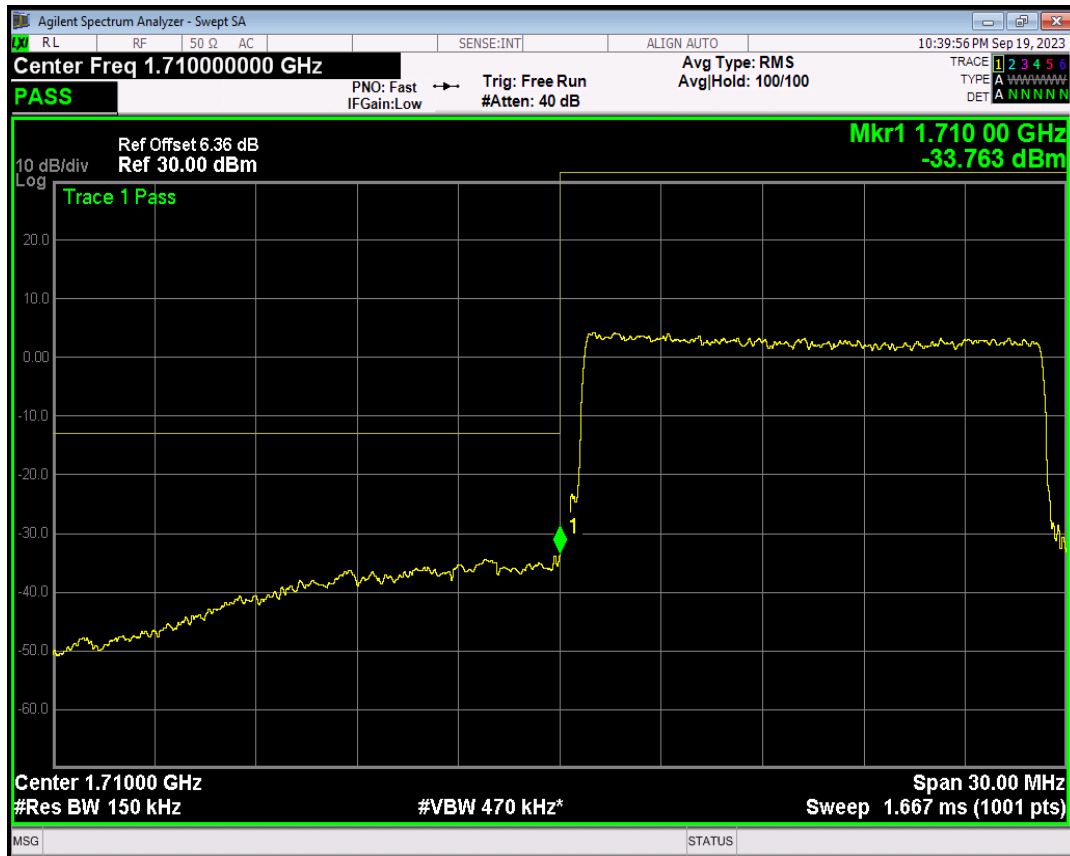




Band4 QPSK BW=15MHz Channel=20025 RB Size=75 Position=#0



Band4 16QAM BW=15MHz Channel=20025 RB Size=75 Position=#0





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

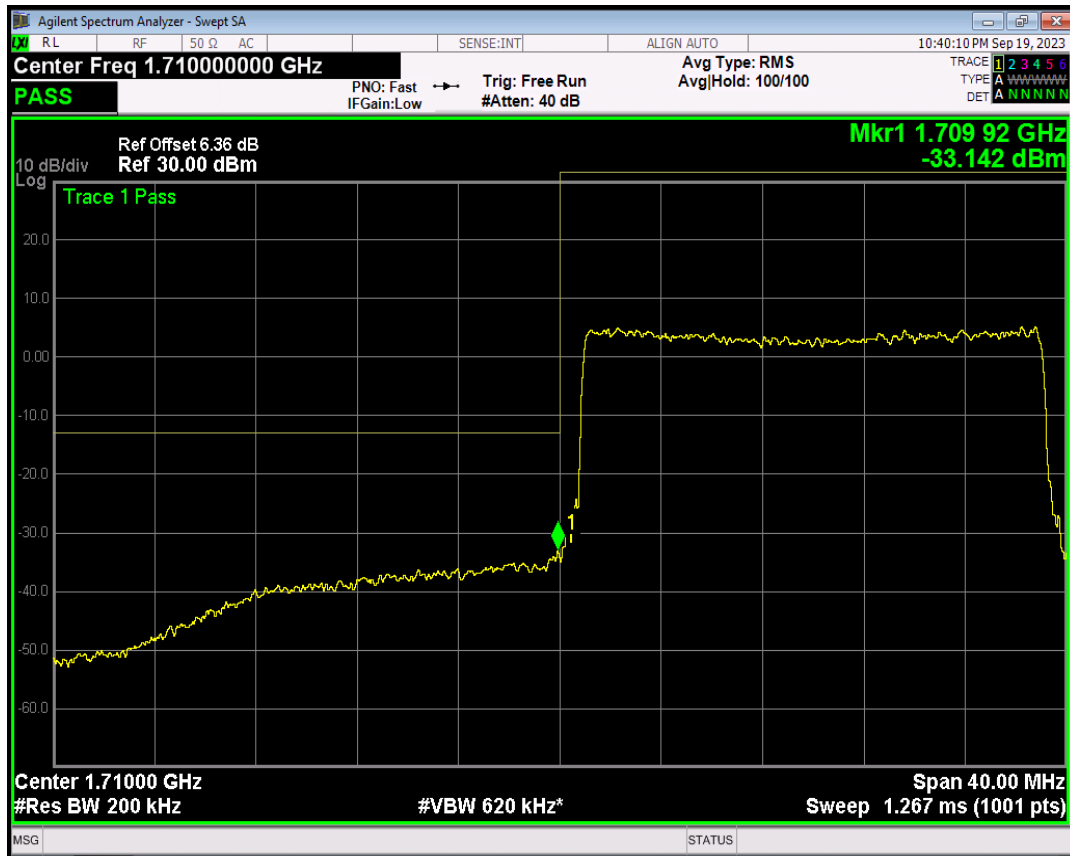


Band4 16QAM BW=15MHz Channel=20325 RB Size=75 Position=#0

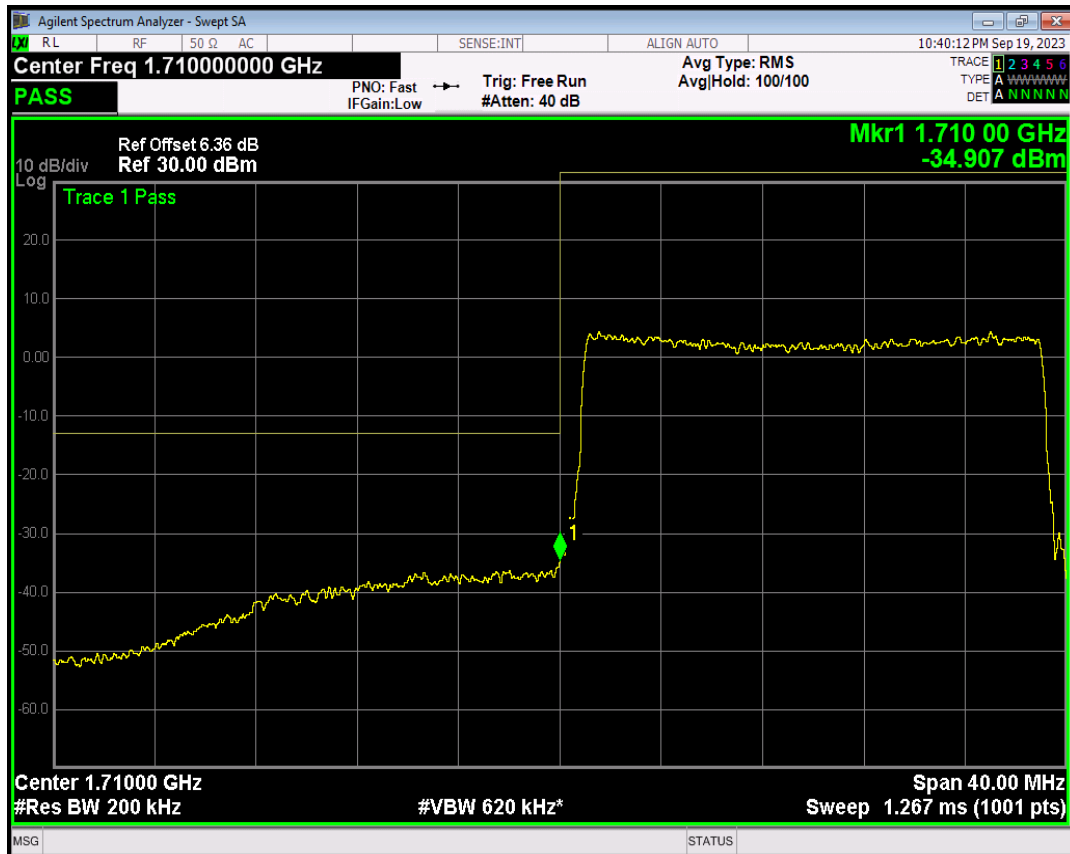




Band4 QPSK BW=20MHz Channel=20050 RB Size=100 Position=#0



Band4 16QAM BW=20MHz Channel=20050 RB Size=100 Position=#0

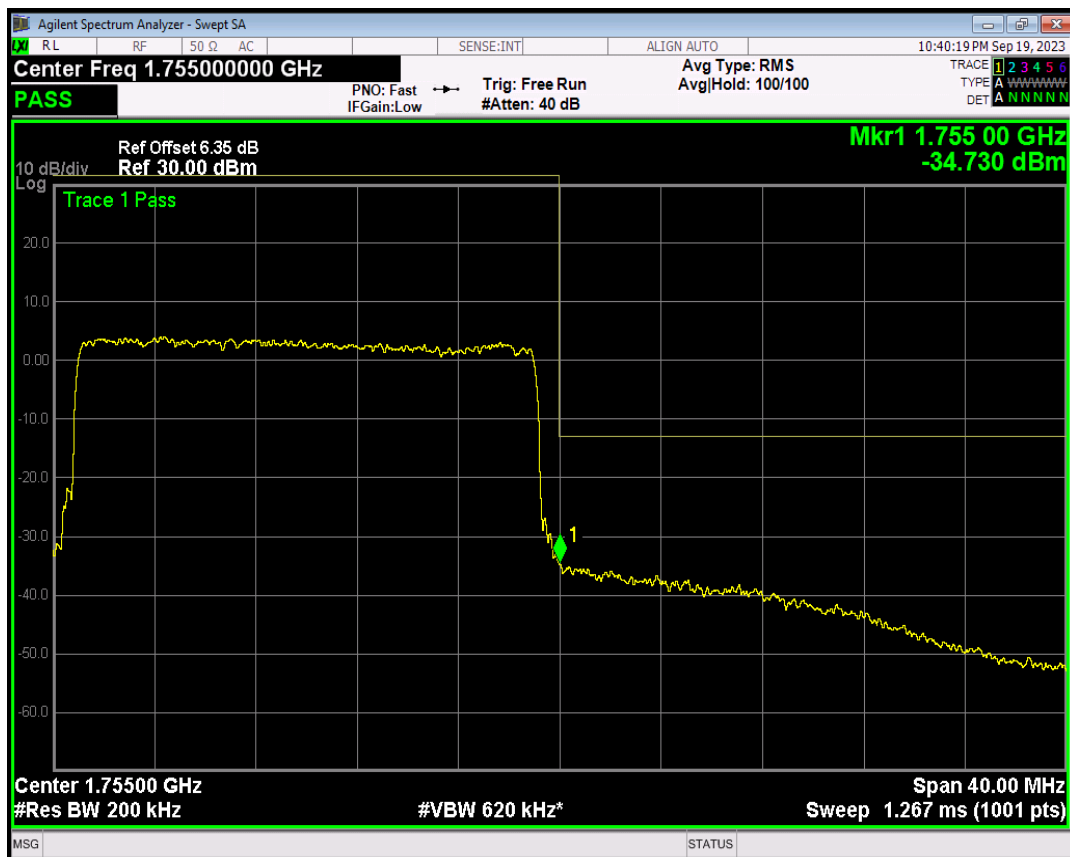




Band4 QPSK BW=20MHz Channel=20300 RB Size=100 Position=#0



Band4 16QAM BW=20MHz Channel=20300 RB Size=100 Position=#0

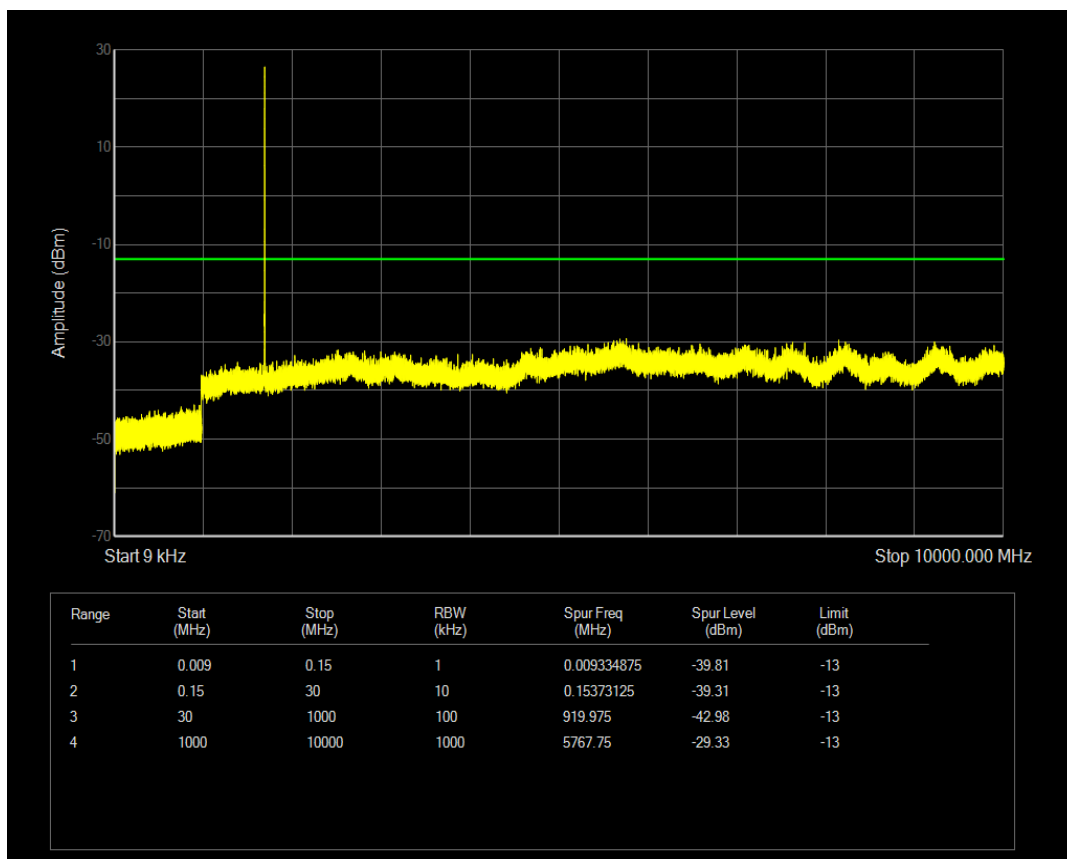


Appendix 6. Out-of-band emissions

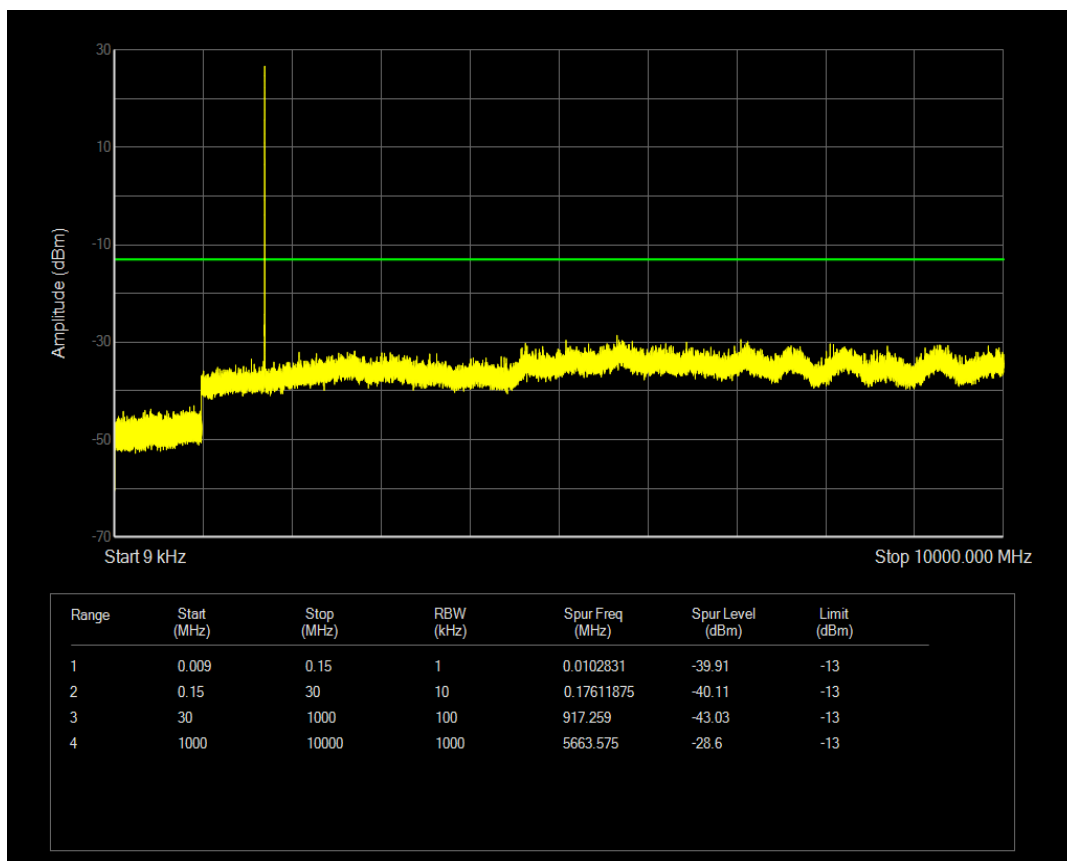
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band4	1.4	19957	6	#0	QPSK	5767.75	-29.33	-13	PASS
Band4	1.4	19957	6	#0	16QAM	5663.58	-28.60	-13	PASS
Band4	1.4	20175	6	#0	QPSK	5747.05	-28.13	-13	PASS
Band4	1.4	20175	6	#0	16QAM	5725.90	-29.09	-13	PASS
Band4	1.4	20393	6	#0	QPSK	7687.90	-28.96	-13	PASS
Band4	1.4	20393	6	#0	16QAM	5720.50	-29.03	-13	PASS
Band4	3	19965	15	#0	QPSK	5678.88	-28.72	-13	PASS
Band4	3	19965	15	#0	16QAM	5674.15	-28.53	-13	PASS
Band4	3	20175	15	#0	QPSK	5725.90	-28.88	-13	PASS
Band4	3	20175	15	#0	16QAM	5747.50	-28.91	-13	PASS
Band4	3	20385	15	#0	QPSK	5755.83	-29.21	-13	PASS
Band4	3	20385	15	#0	16QAM	5680.45	-29.40	-13	PASS
Band4	5	19975	25	#0	QPSK	5573.58	-29.45	-13	PASS
Band4	5	19975	25	#0	16QAM	6500.58	-29.22	-13	PASS
Band4	5	20175	25	#0	QPSK	5659.53	-29.50	-13	PASS
Band4	5	20175	25	#0	16QAM	5708.80	-29.26	-13	PASS
Band4	5	20375	25	#0	QPSK	5691.48	-28.45	-13	PASS
Band4	5	20375	25	#0	16QAM	5675.05	-28.49	-13	PASS
Band4	10	20000	50	#0	QPSK	5711.05	-28.87	-13	PASS
Band4	10	20000	50	#0	16QAM	5693.50	-29.50	-13	PASS
Band4	10	20175	50	#0	QPSK	5705.20	-28.84	-13	PASS
Band4	10	20175	50	#0	16QAM	5713.98	-29.36	-13	PASS
Band4	10	20350	50	#0	QPSK	5835.25	-29.32	-13	PASS
Band4	10	20350	50	#0	16QAM	7631.88	-29.33	-13	PASS
Band4	15	20025	75	#0	QPSK	5680.90	-28.56	-13	PASS
Band4	15	20025	75	#0	16QAM	5675.73	-28.00	-13	PASS
Band4	15	20175	75	#0	QPSK	5712.40	-29.21	-13	PASS
Band4	15	20175	75	#0	16QAM	5755.15	-29.24	-13	PASS
Band4	15	20325	75	#0	QPSK	5633.20	-28.88	-13	PASS
Band4	15	20325	75	#0	16QAM	5715.55	-29.23	-13	PASS
Band4	20	20050	100	#0	QPSK	5644.23	-28.74	-13	PASS
Band4	20	20050	100	#0	16QAM	5670.10	-29.68	-13	PASS
Band4	20	20175	100	#0	QPSK	5698.00	-28.50	-13	PASS
Band4	20	20175	100	#0	16QAM	5169.93	-29.41	-13	PASS
Band4	20	20300	100	#0	QPSK	8204.73	-28.03	-13	PASS
Band4	20	20300	100	#0	16QAM	5717.58	-28.52	-13	PASS



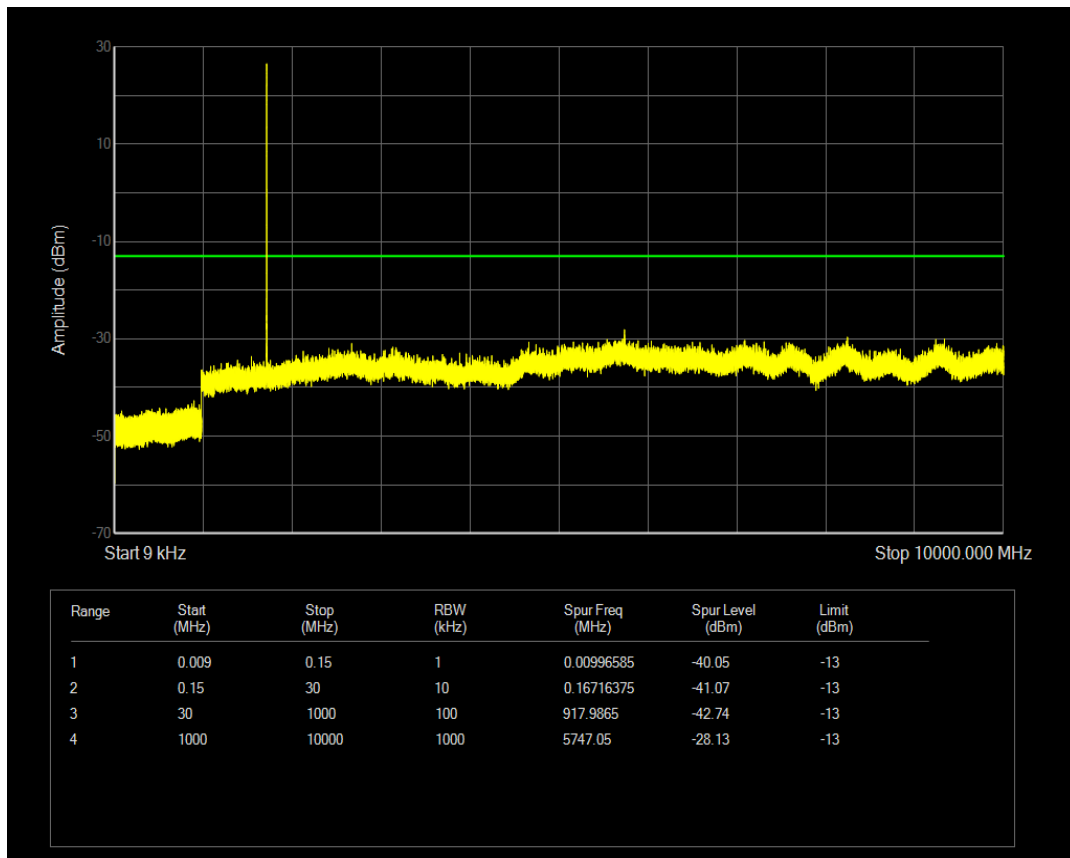
Band4 QPSK BW=1.4MHz Channel=19957 RB Size=6 Position=#0



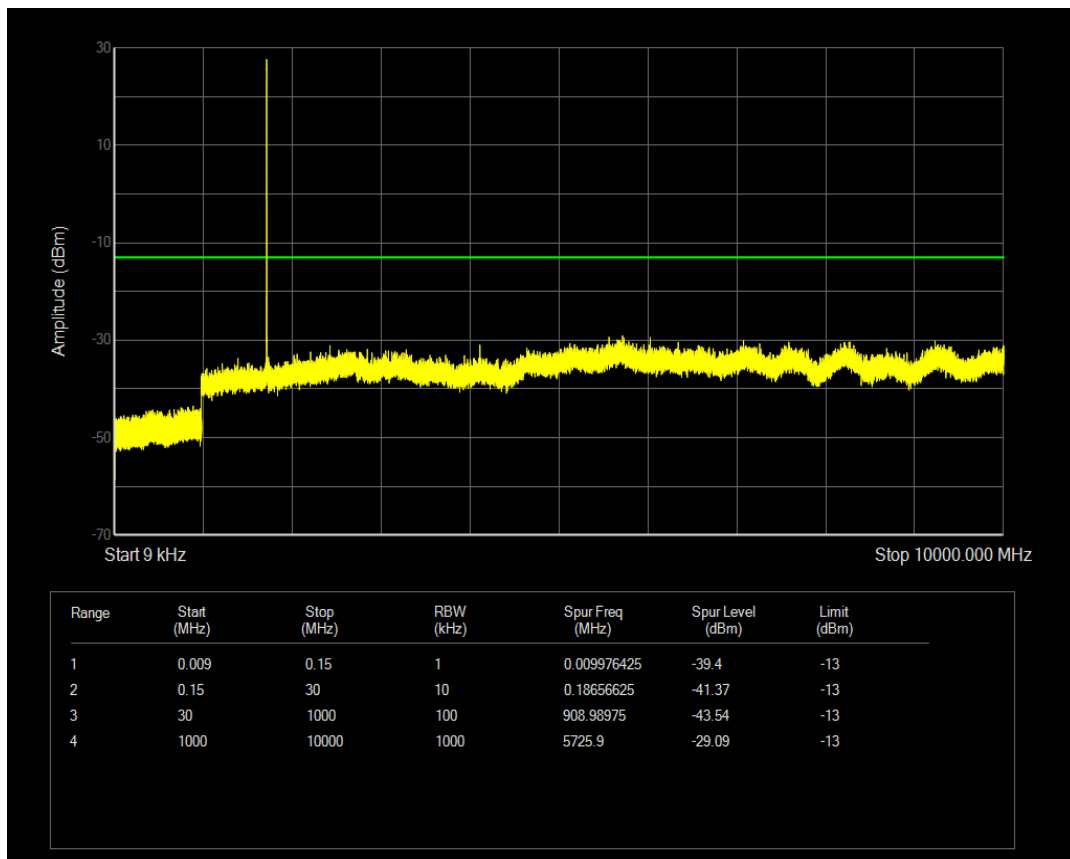
Band4 16QAM BW=1.4MHz Channel=19957 RB Size=6 Position=#0



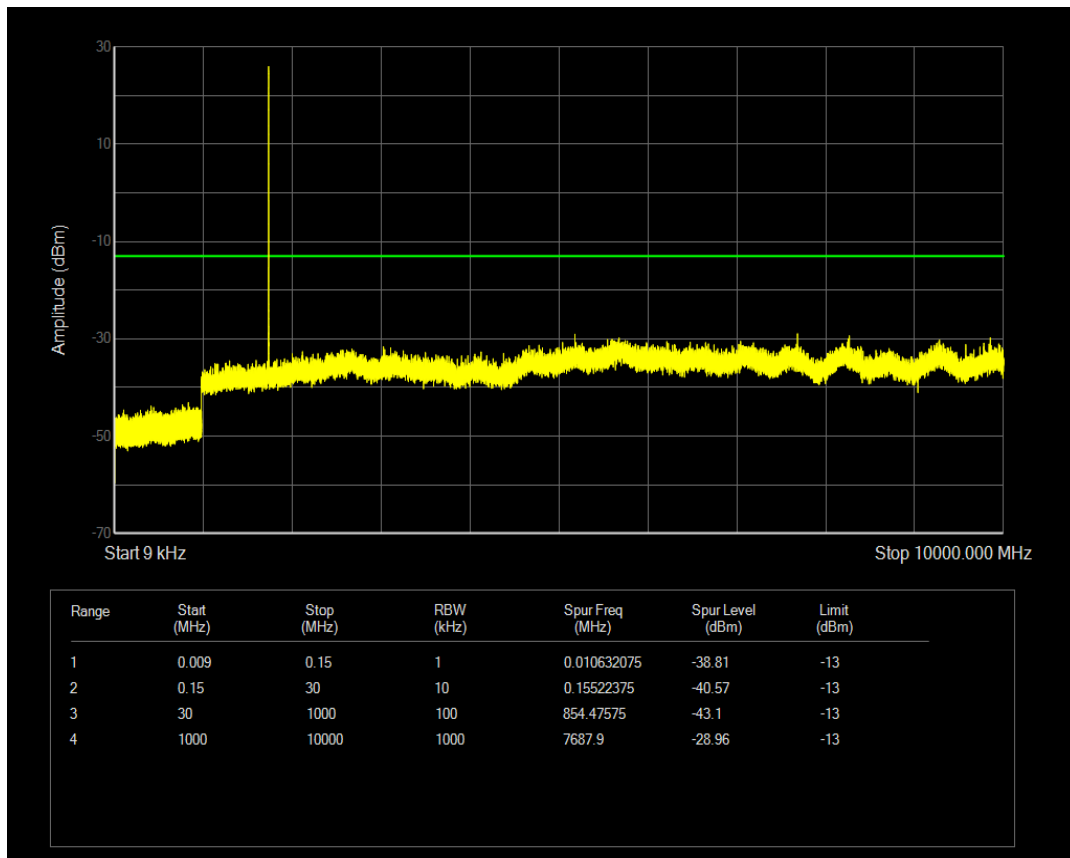
Band4 QPSK BW=1.4MHz Channel=20175 RB Size=6 Position=#0



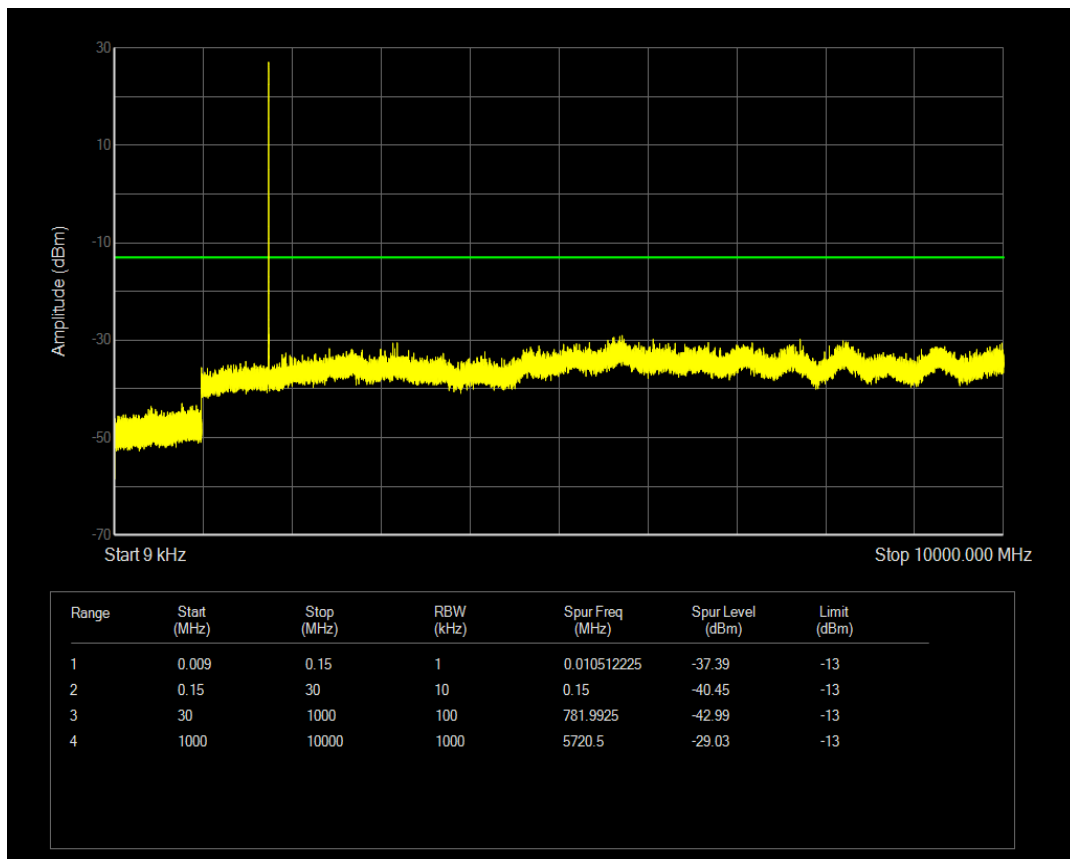
Band4 16QAM BW=1.4MHz Channel=20175 RB Size=6 Position=#0



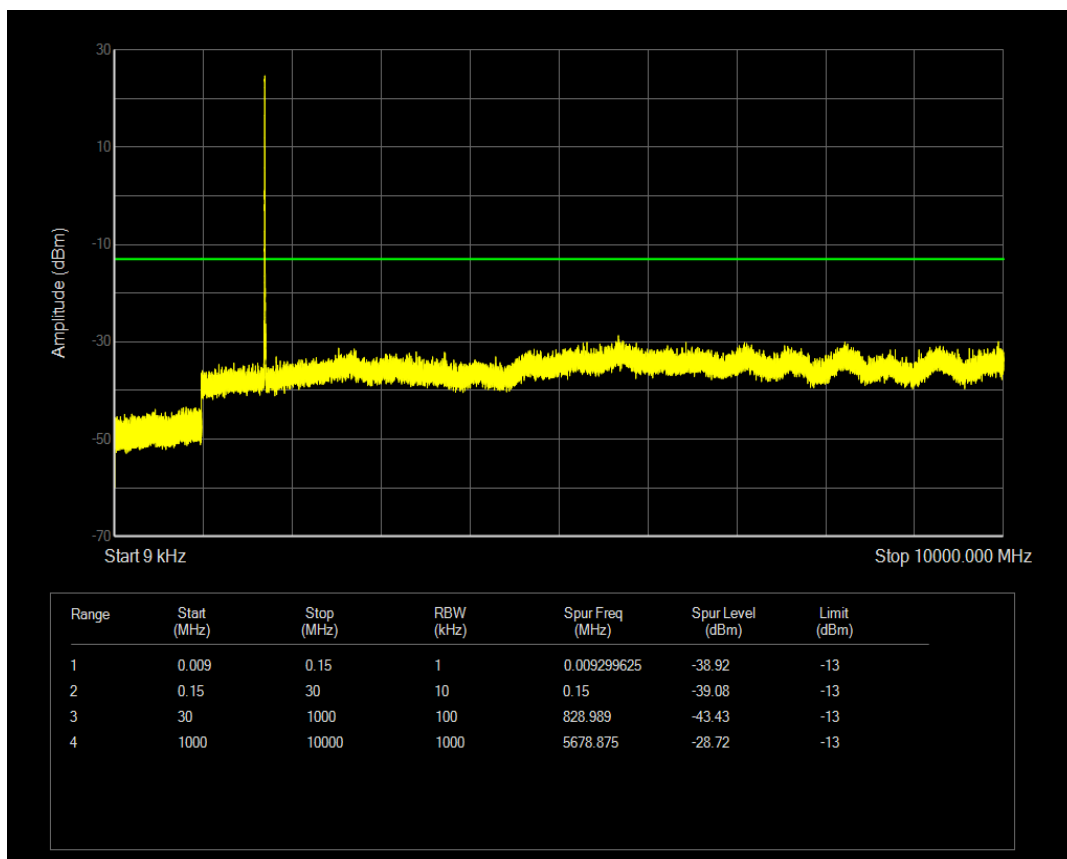
Band4 QPSK BW=1.4MHz Channel=20393 RB Size=6 Position=#0



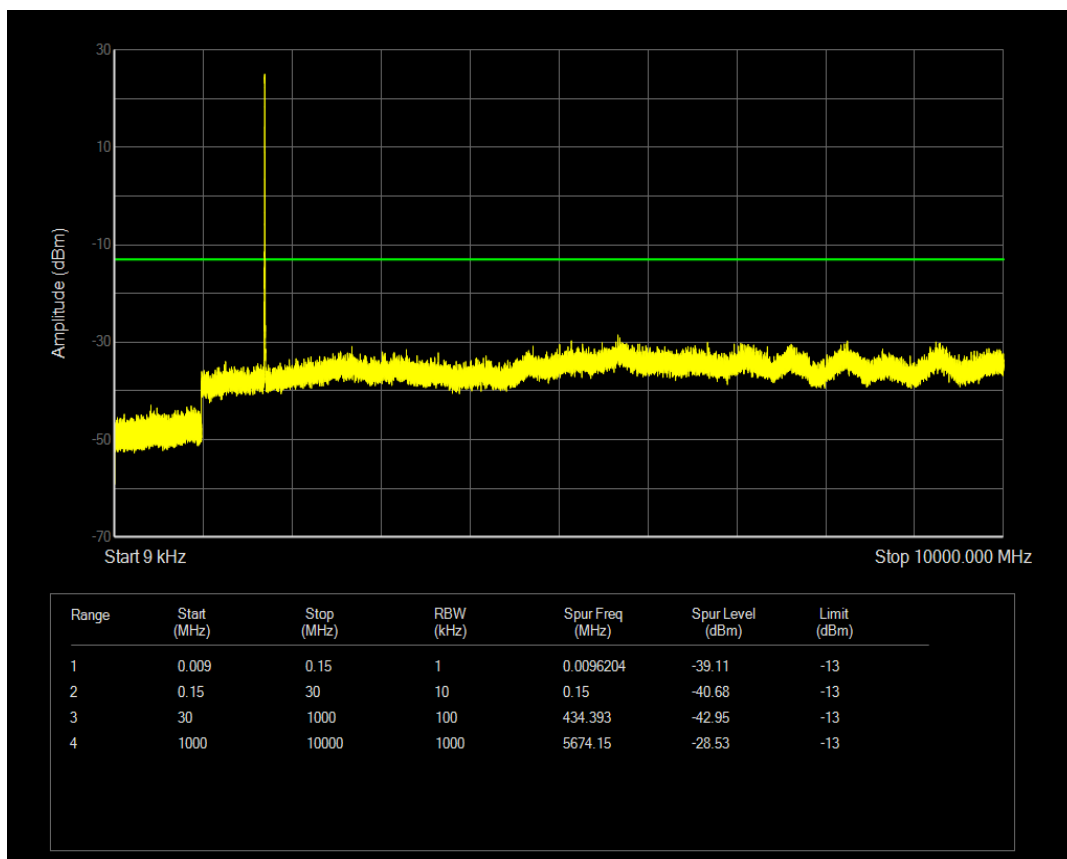
Band4 16QAM BW=1.4MHz Channel=20393 RB Size=6 Position=#0



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

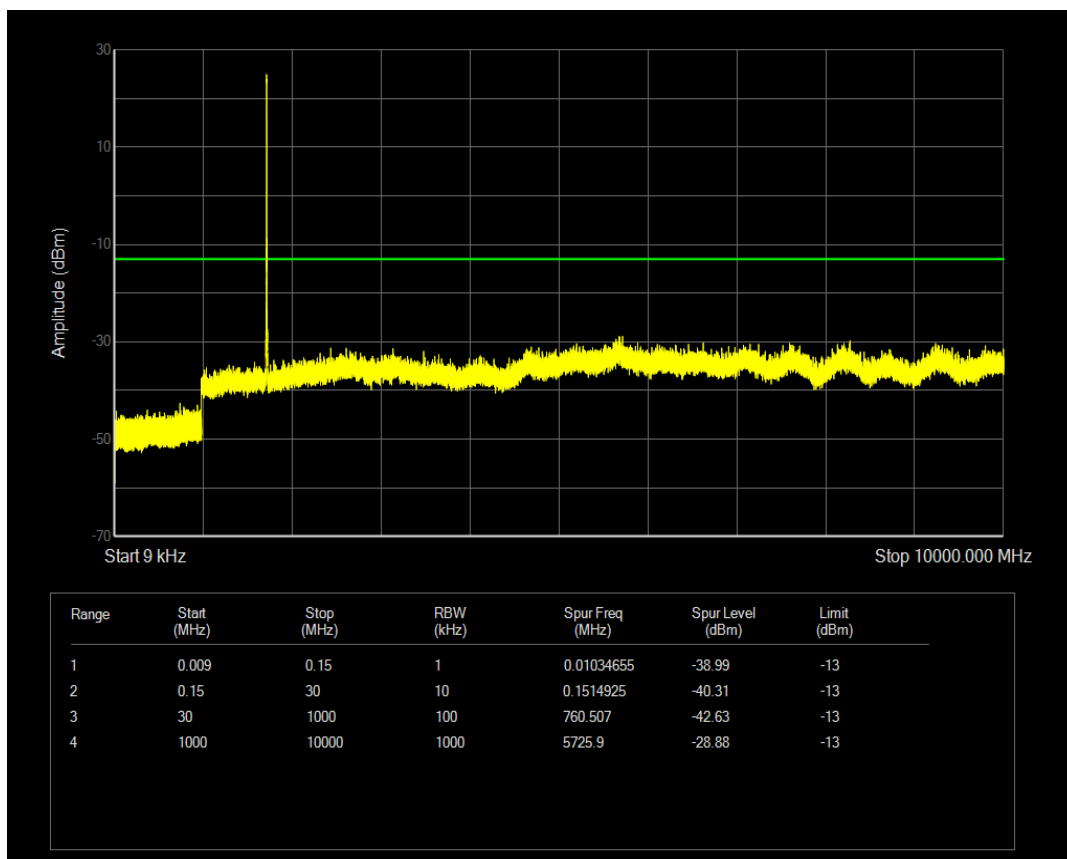


Band4 16QAM BW=3MHz Channel=19965 RB Size=15 Position=#0

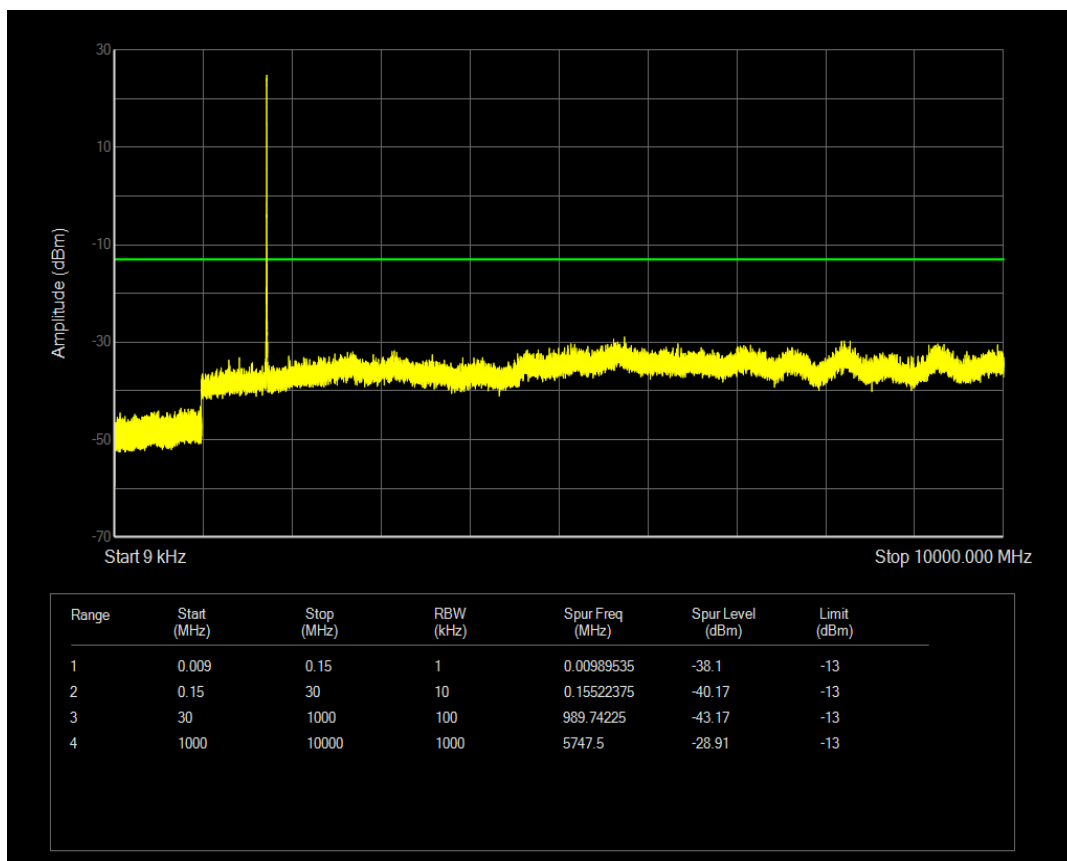




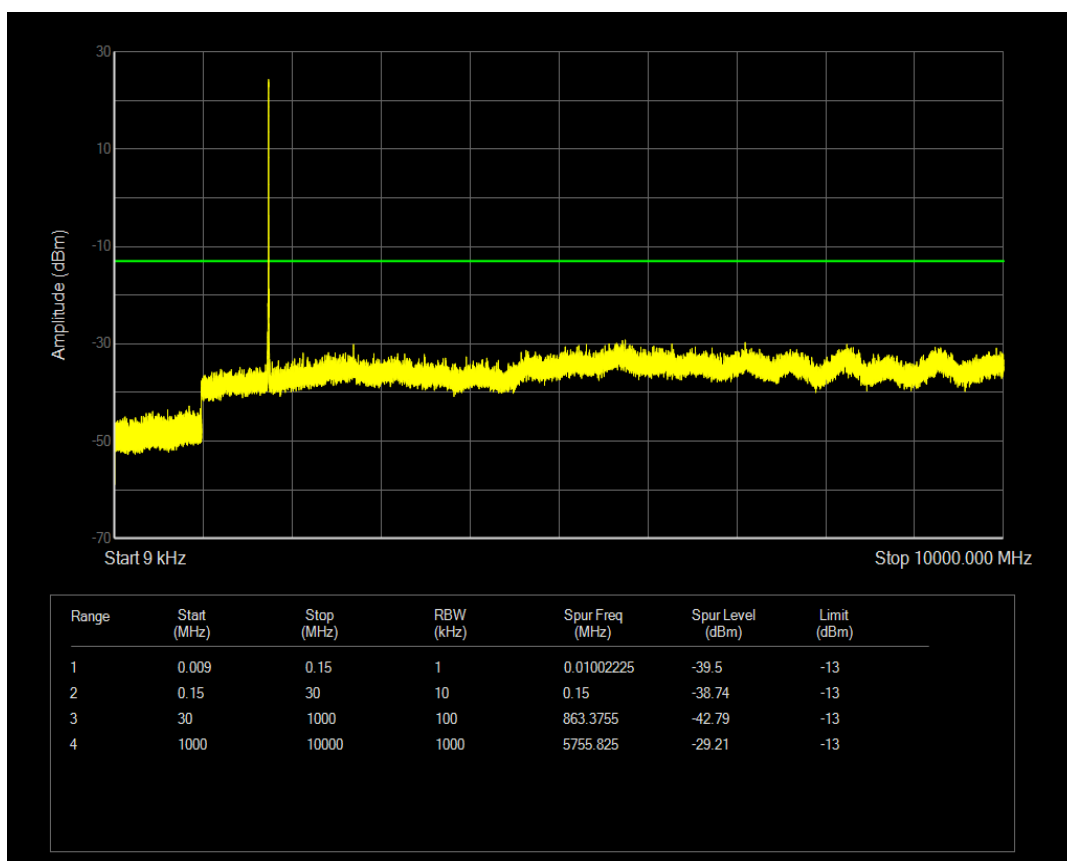
Band4 QPSK BW=3MHz Channel=20175 RB Size=15 Position=#0



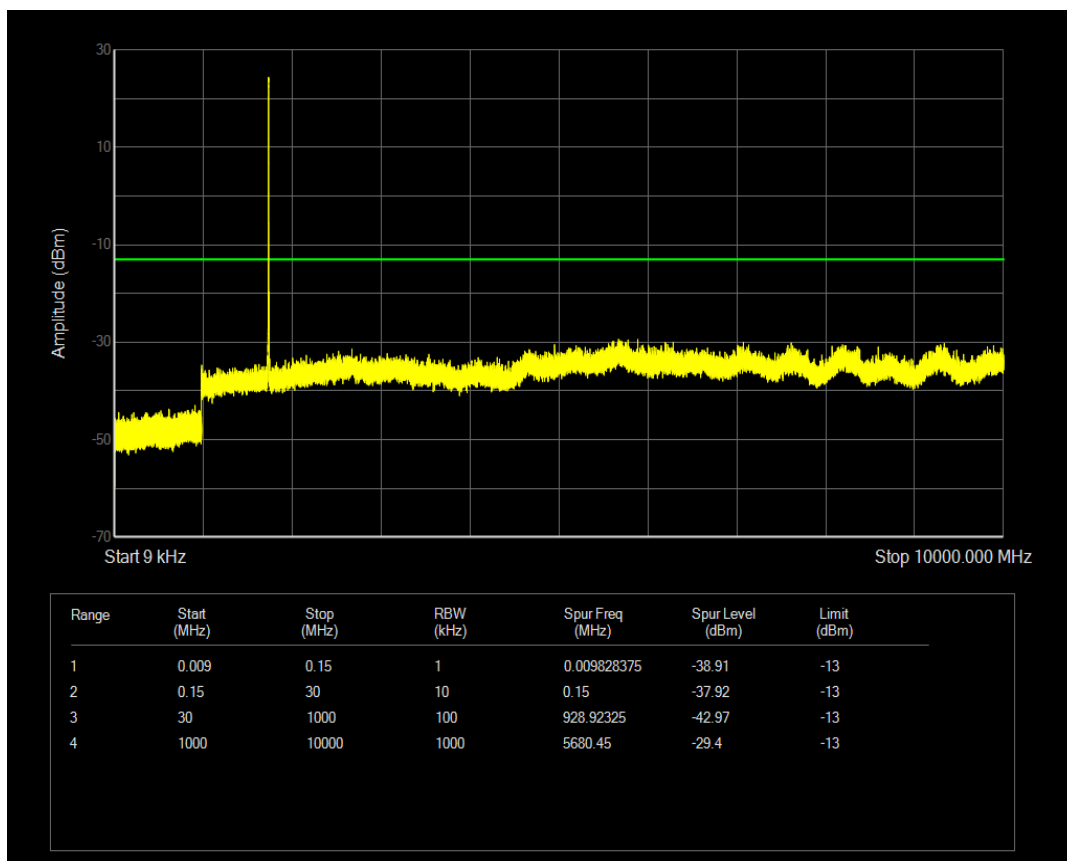
Band4 16QAM BW=3MHz Channel=20175 RB Size=15 Position=#0



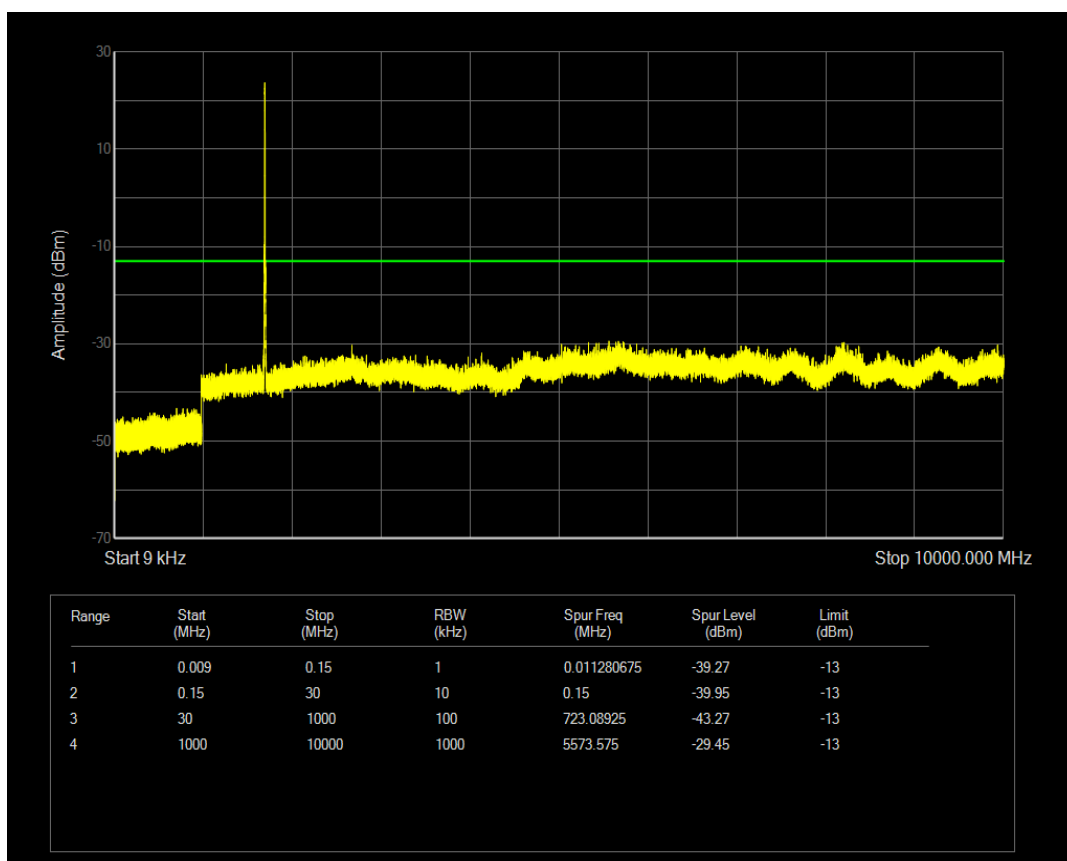
Band4 QPSK BW=3MHz Channel=20385 RB Size=15 Position=#0



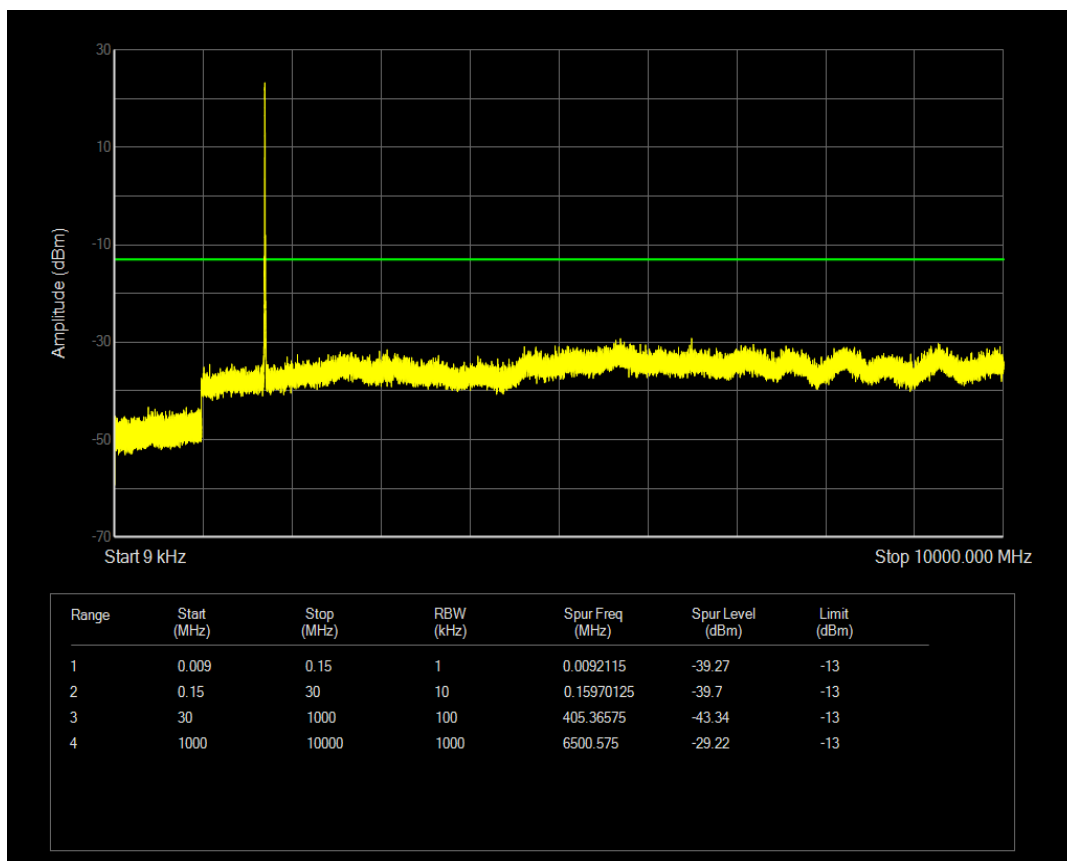
Band4 16QAM BW=3MHz Channel=20385 RB Size=15 Position=#0



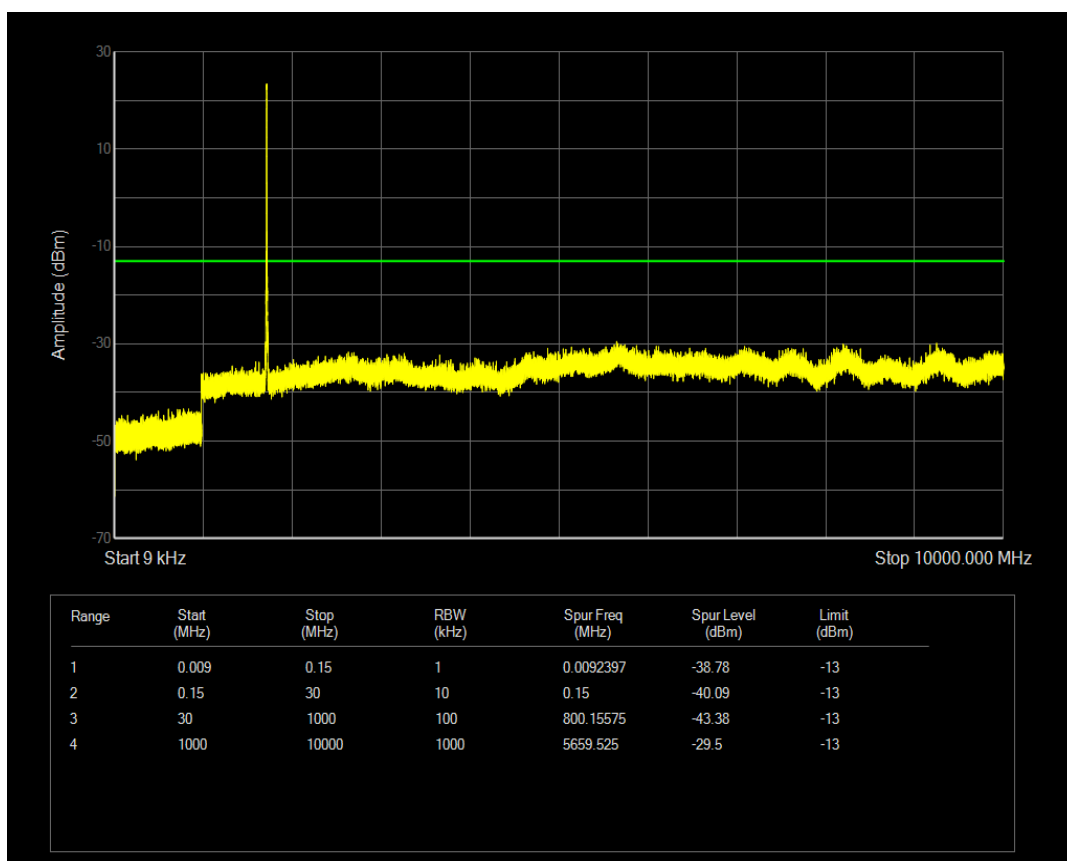
Band4 QPSK BW=5MHz Channel=19975 RB Size=25 Position=#0



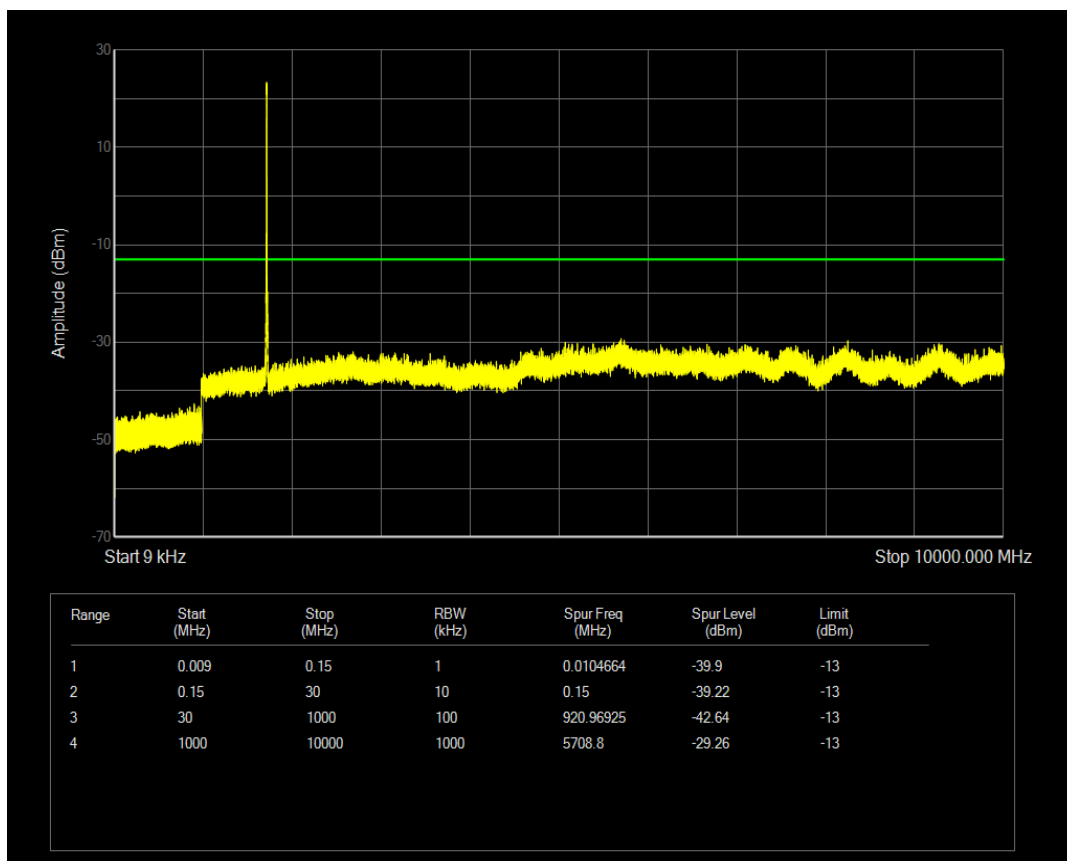
Band4 16QAM BW=5MHz Channel=19975 RB Size=25 Position=#0



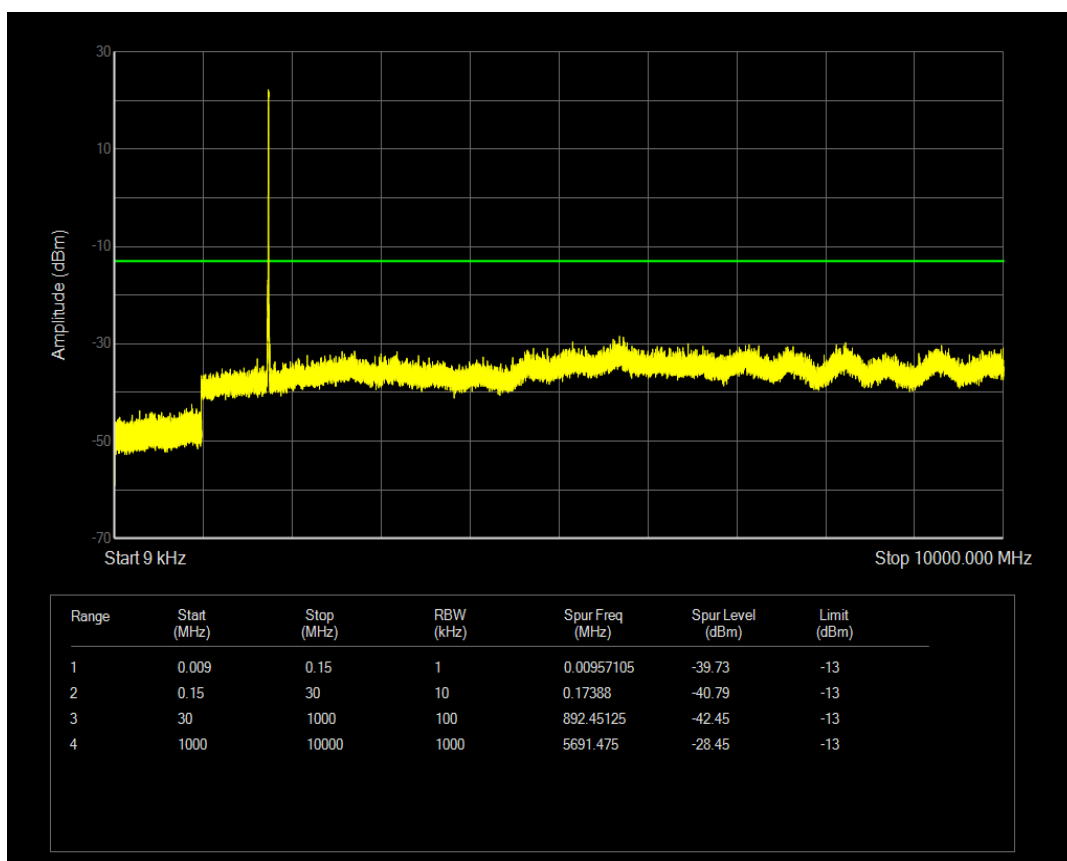
Band4 QPSK BW=5MHz Channel=20175 RB Size=25 Position=#0



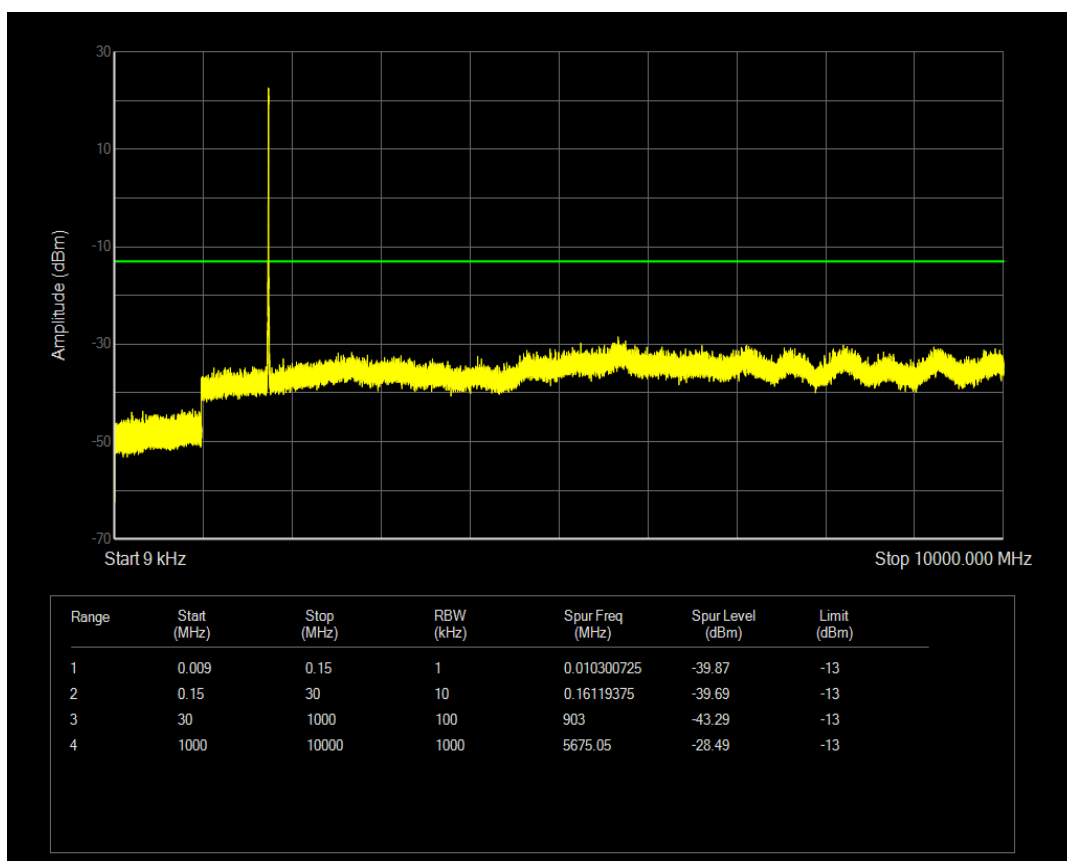
Band4 16QAM BW=5MHz Channel=20175 RB Size=25 Position=#0



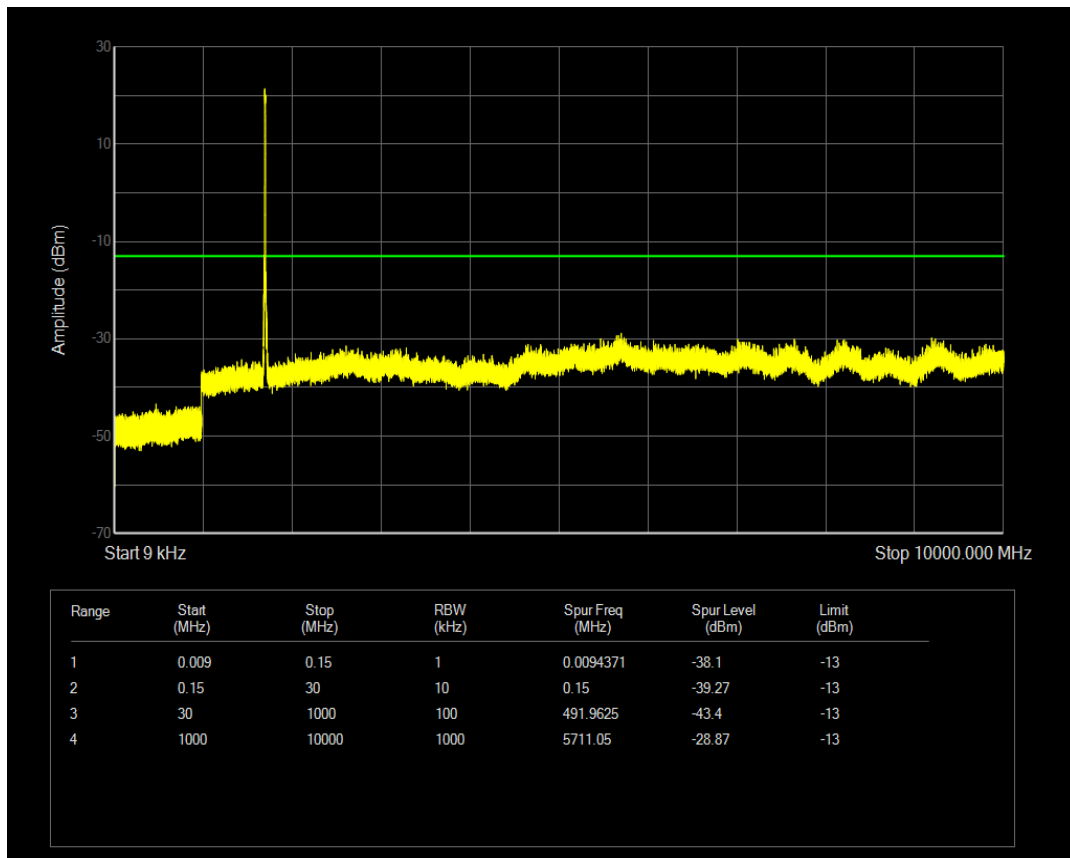
Band4 QPSK BW=5MHz Channel=20375 RB Size=25 Position=#0



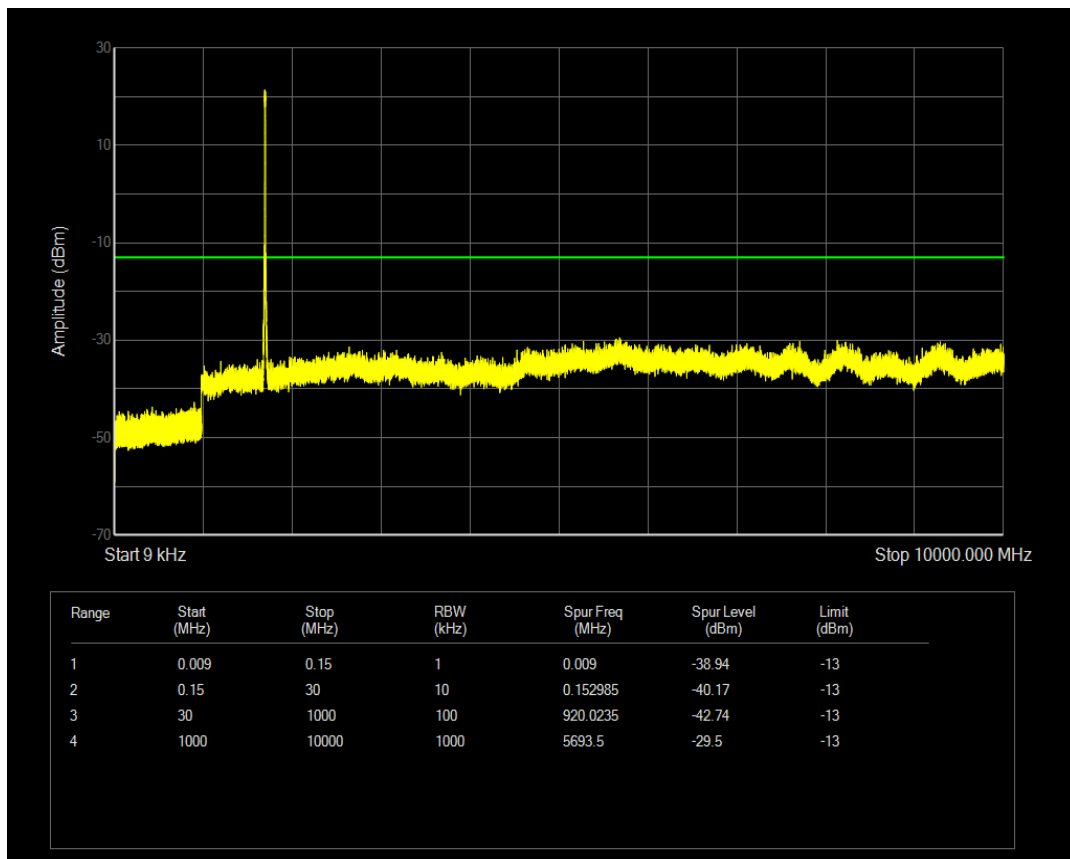
Band4 16QAM BW=5MHz Channel=20375 RB Size=25 Position=#0



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

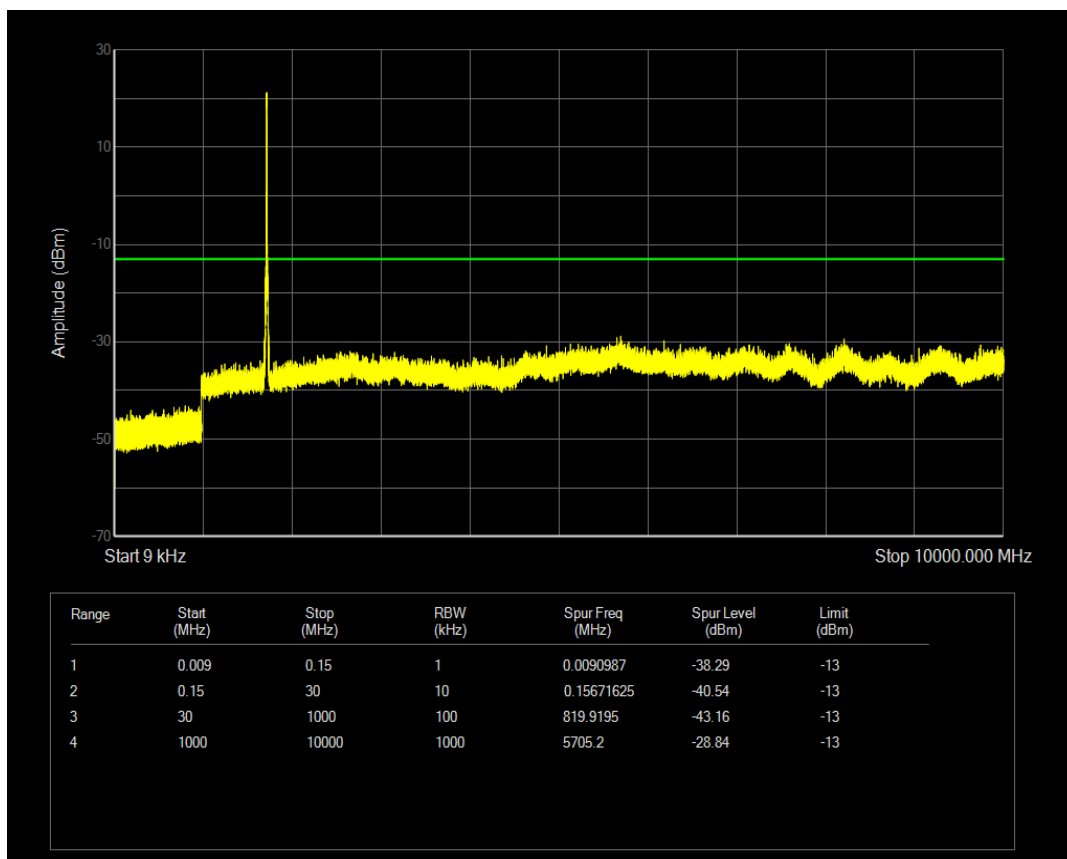


Band4 16QAM BW=10MHz Channel=20000 RB Size=50 Position=#0

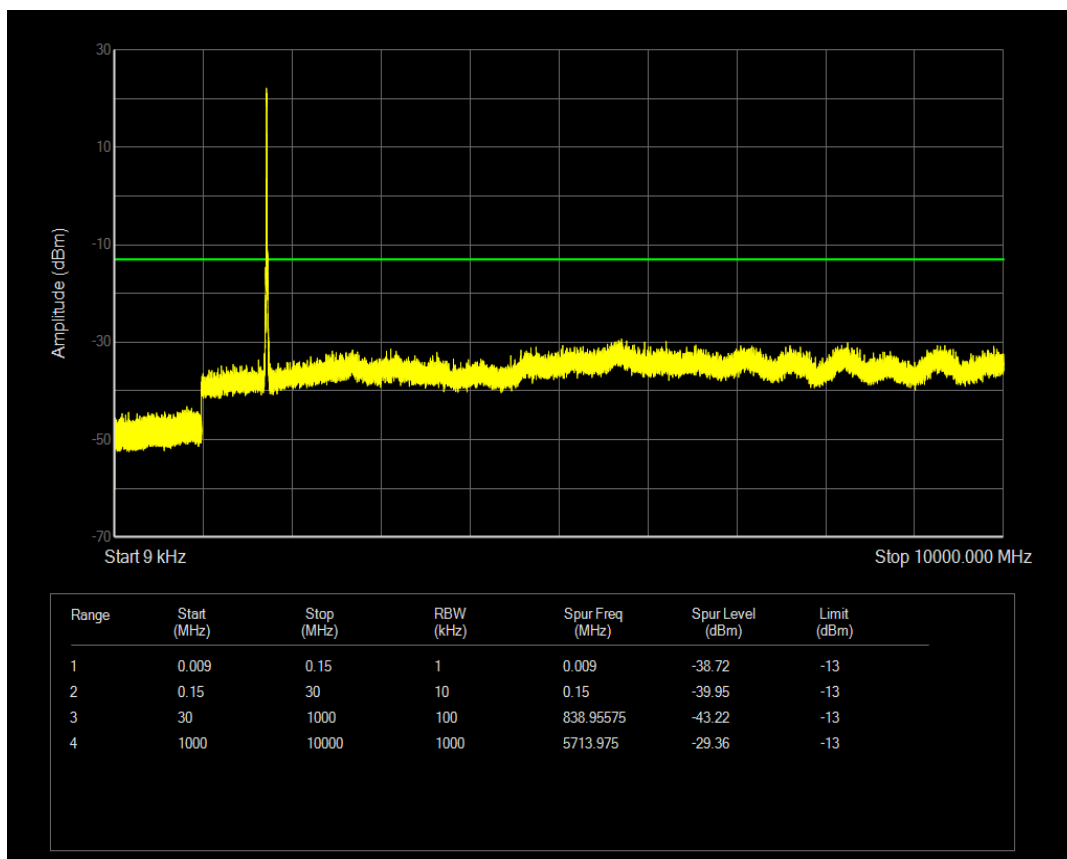




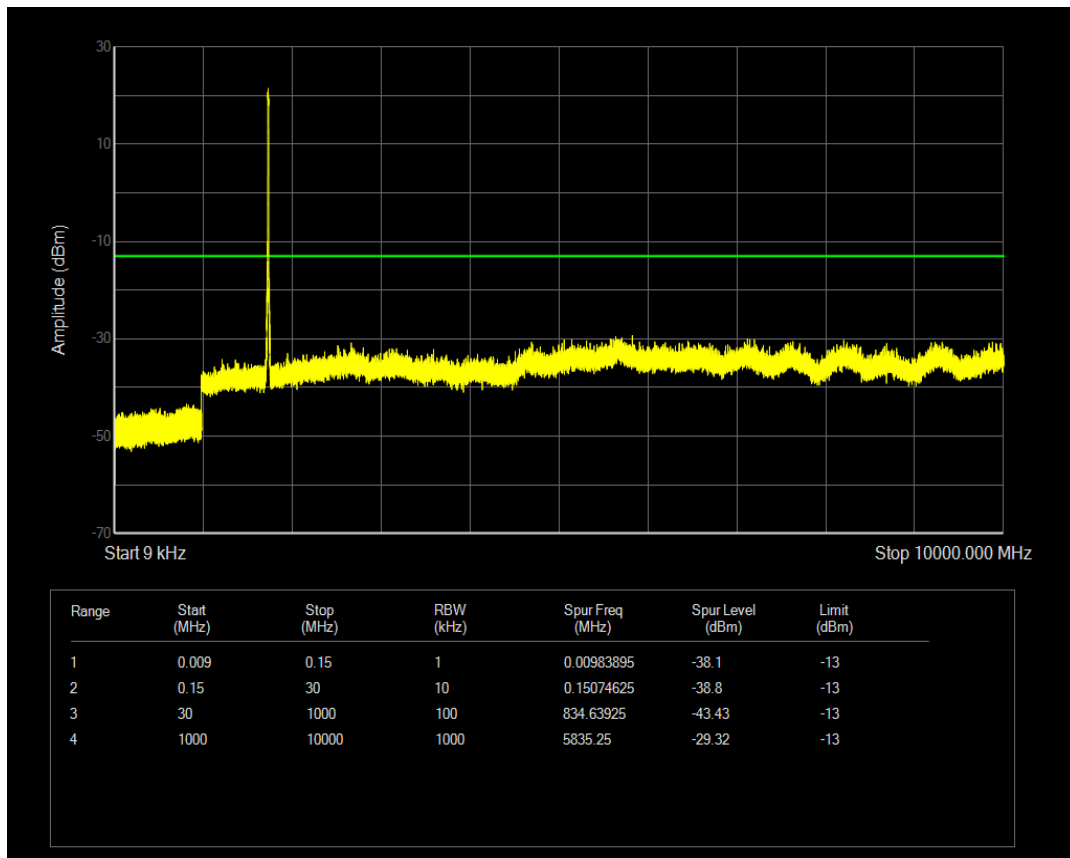
Band4 QPSK BW=10MHz Channel=20175 RB Size=50 Position=#0



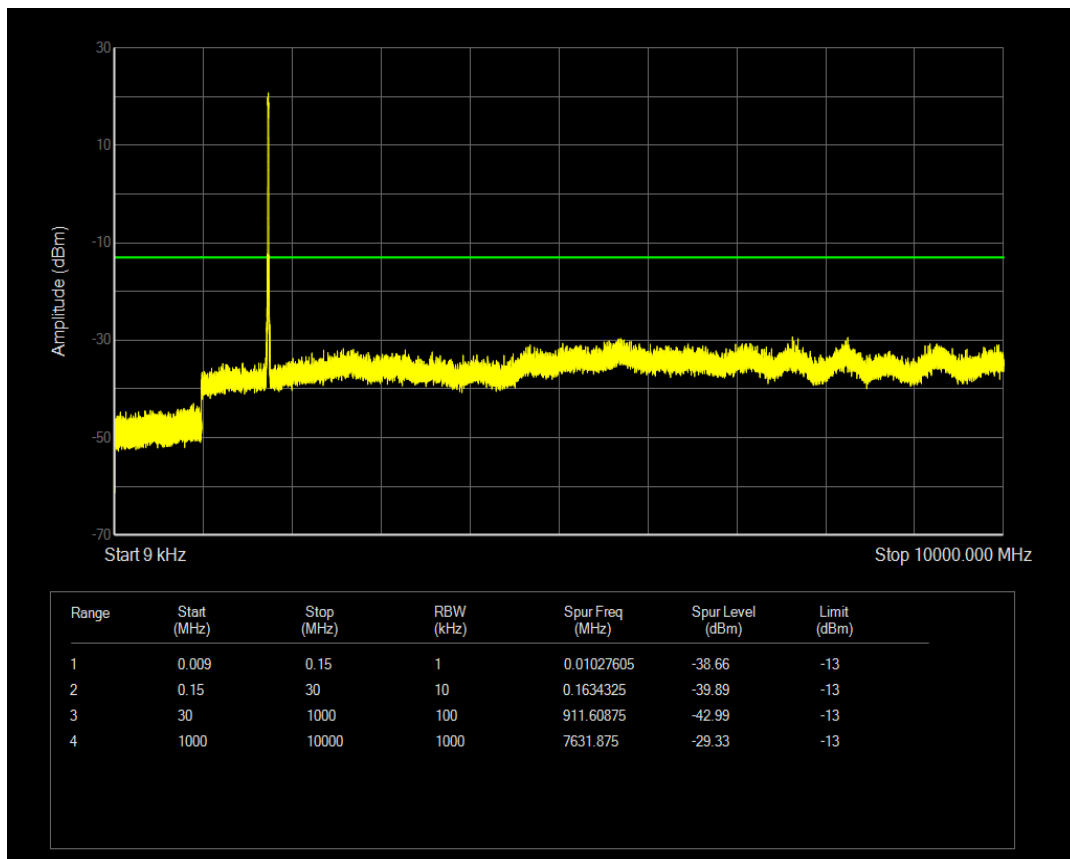
Band4 16QAM BW=10MHz Channel=20175 RB Size=50 Position=#0



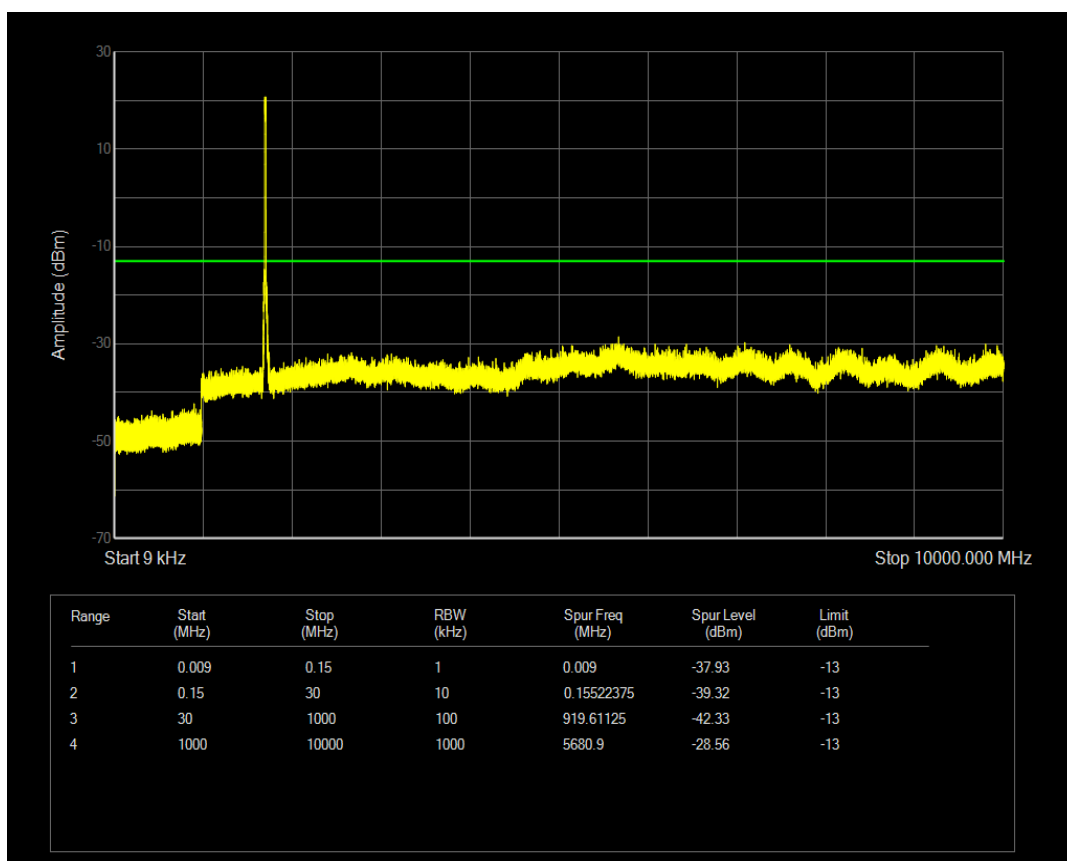
Band4 QPSK BW=10MHz Channel=20350 RB Size=50 Position=#0



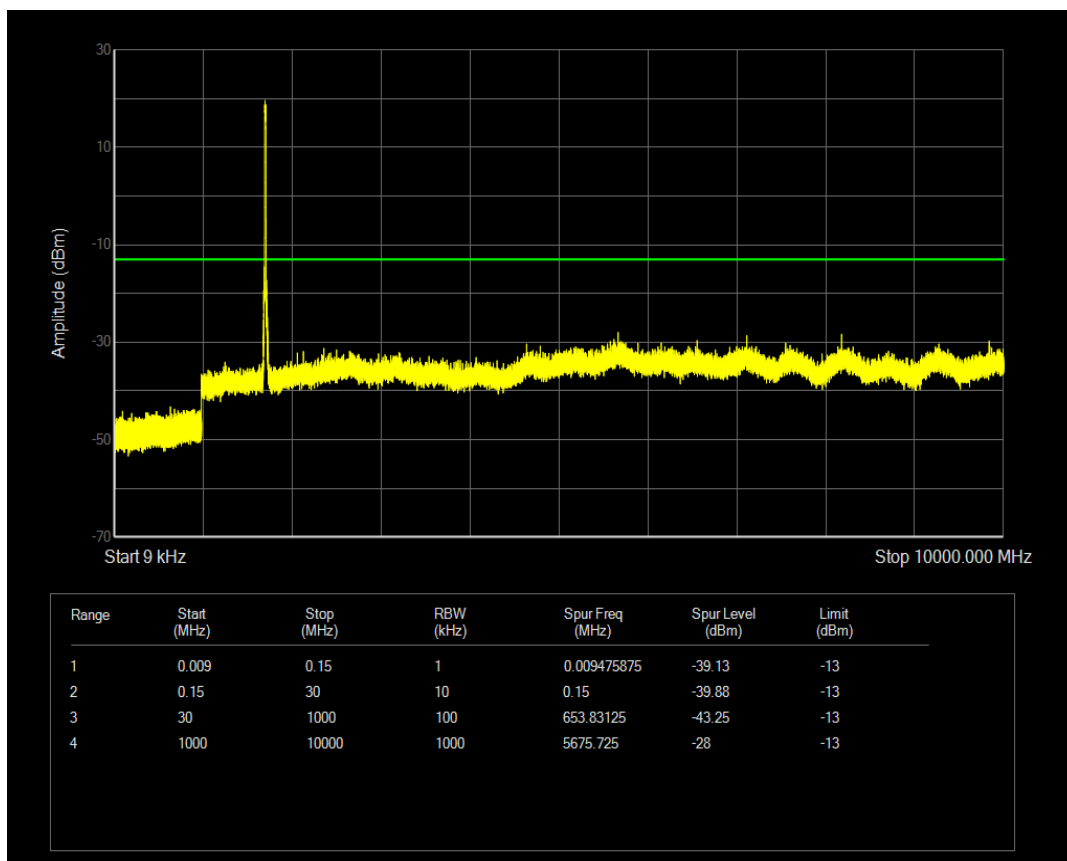
Band4 16QAM BW=10MHz Channel=20350 RB Size=50 Position=#0



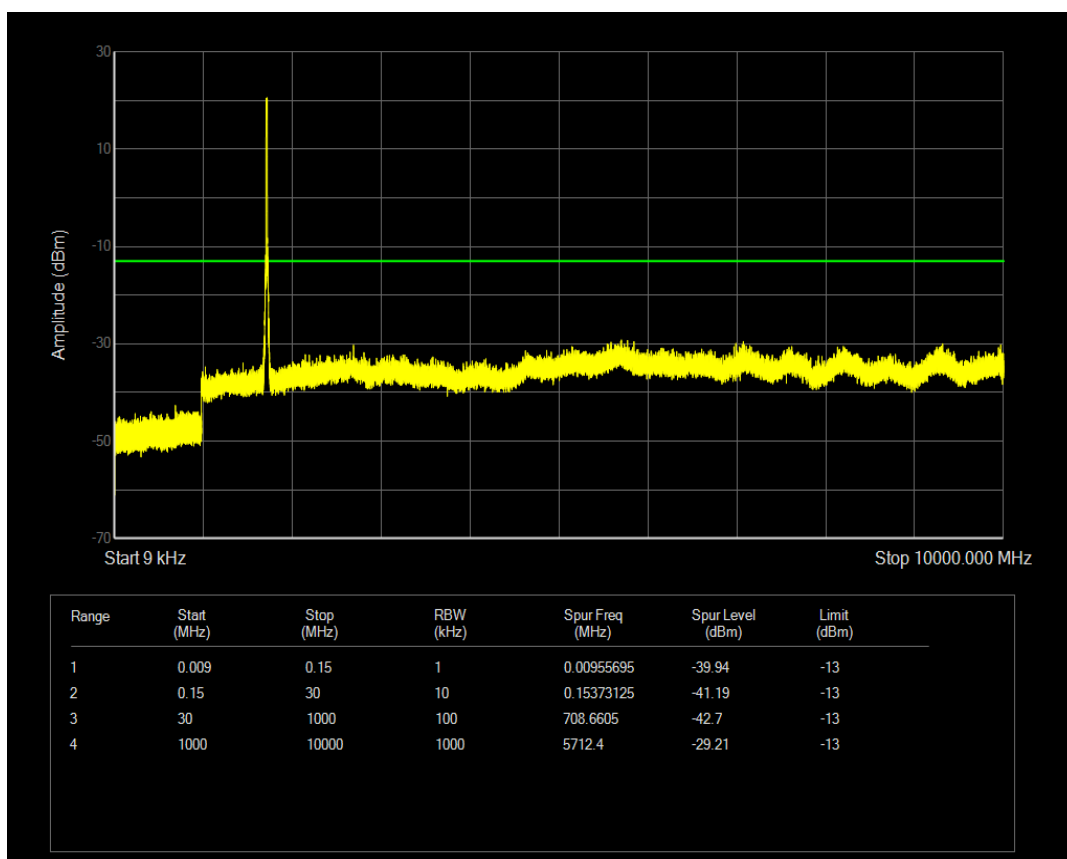
Band4 QPSK BW=15MHz Channel=20025 RB Size=75 Position=#0



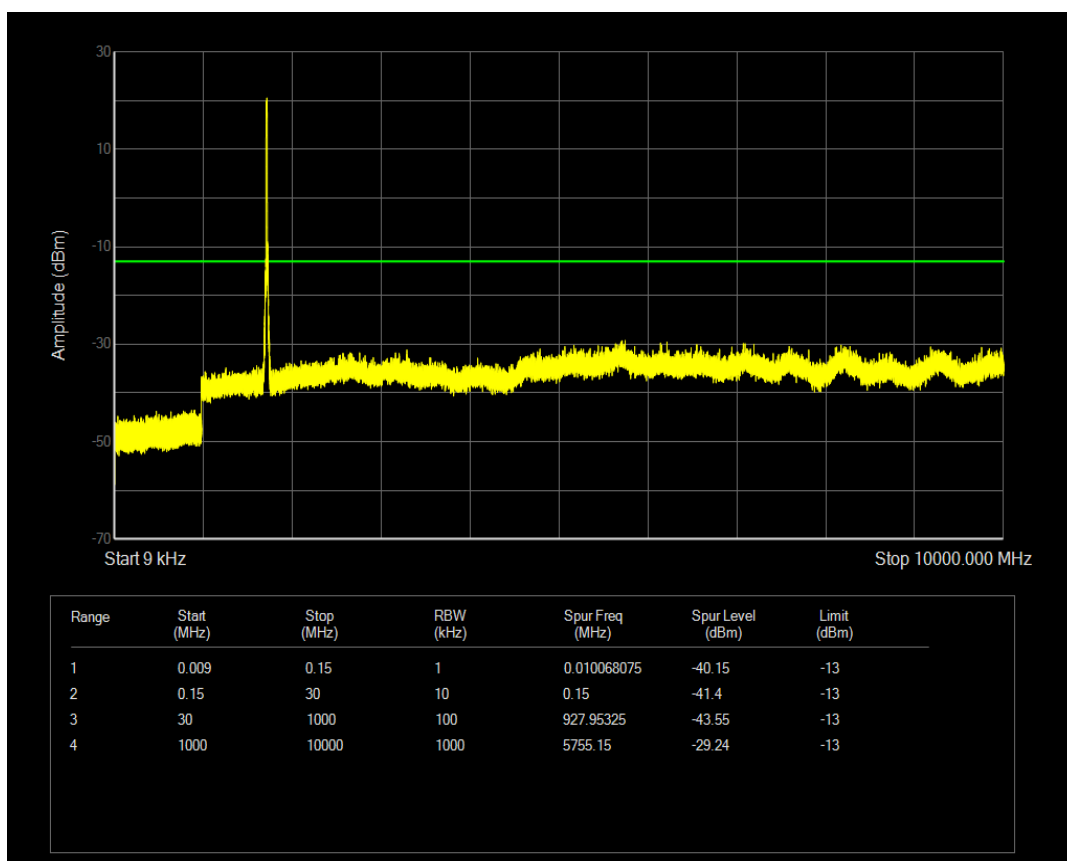
Band4 16QAM BW=15MHz Channel=20025 RB Size=75 Position=#0



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

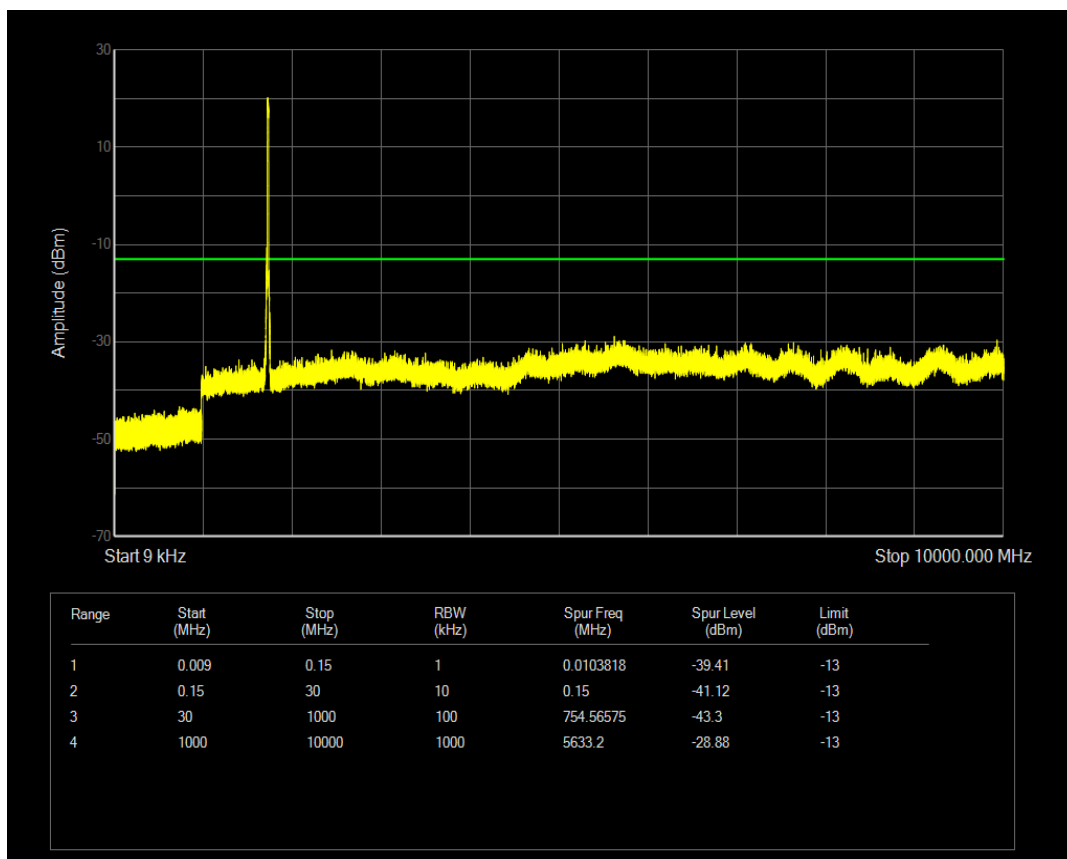


Band4 16QAM BW=15MHz Channel=20175 RB Size=75 Position=#0

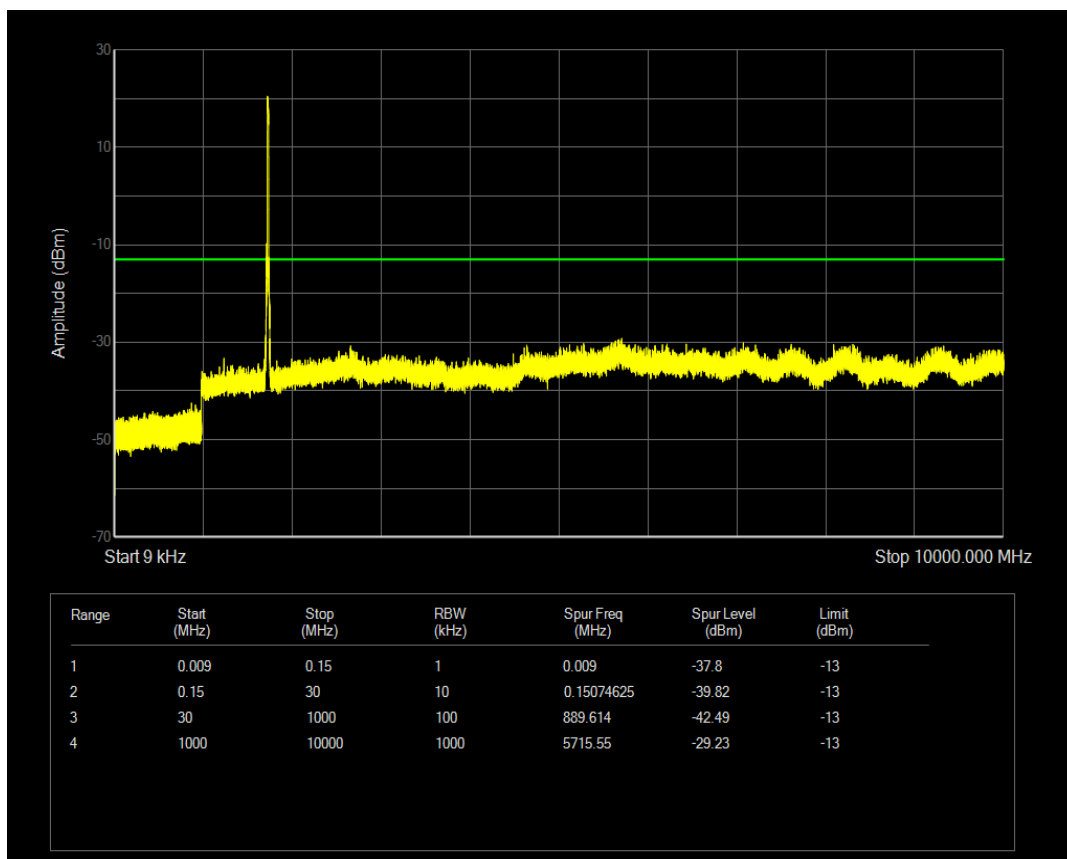




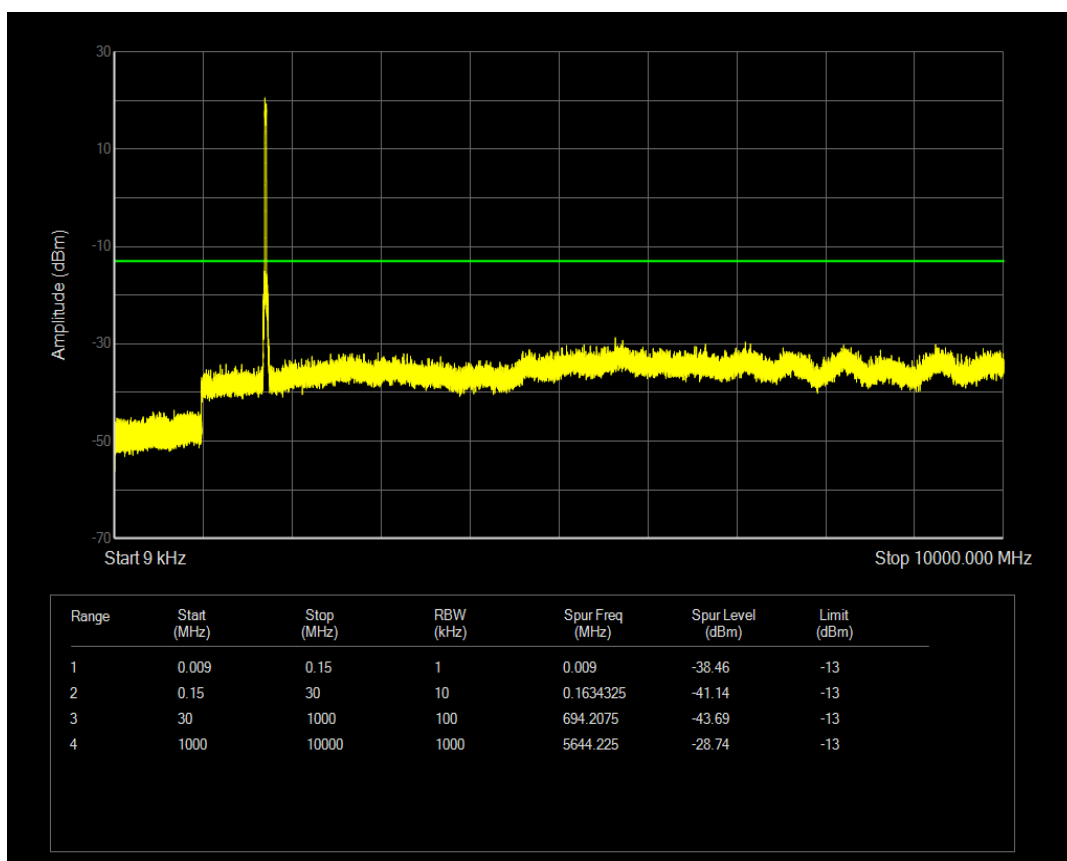
Band4 QPSK BW=15MHz Channel=20325 RB Size=75 Position=#0



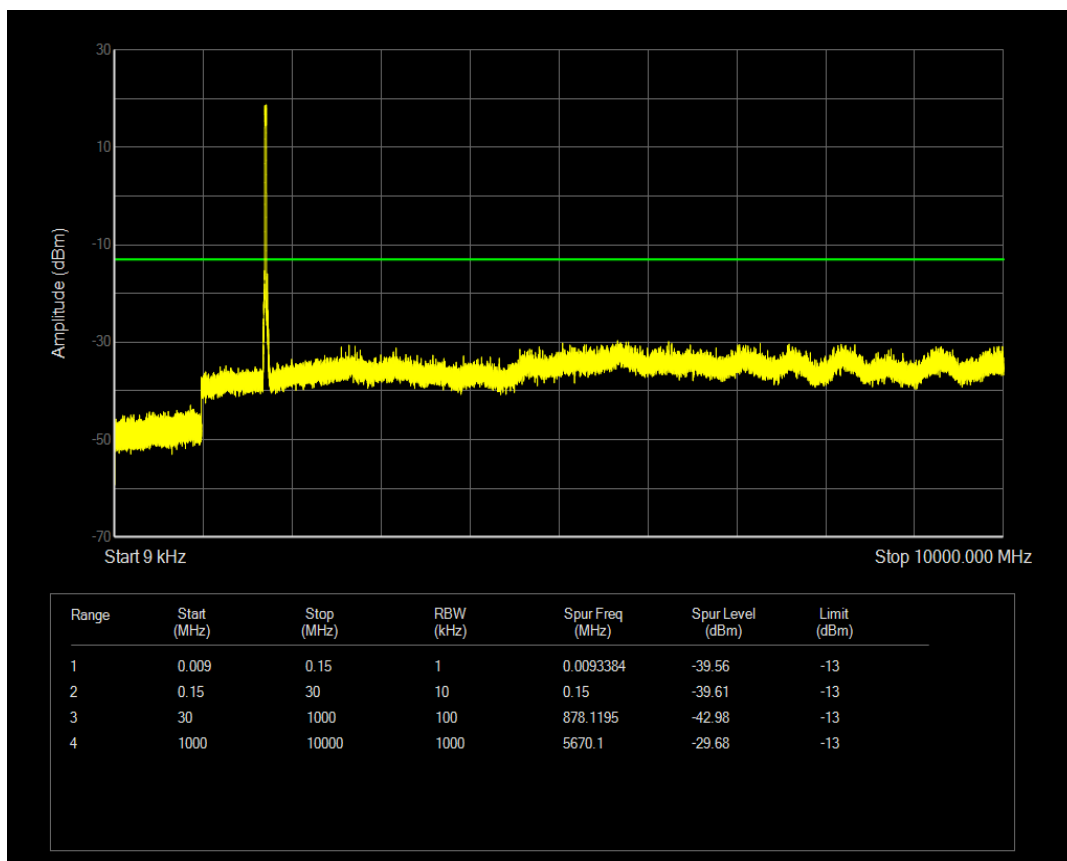
Band4 16QAM BW=15MHz Channel=20325 RB Size=75 Position=#0



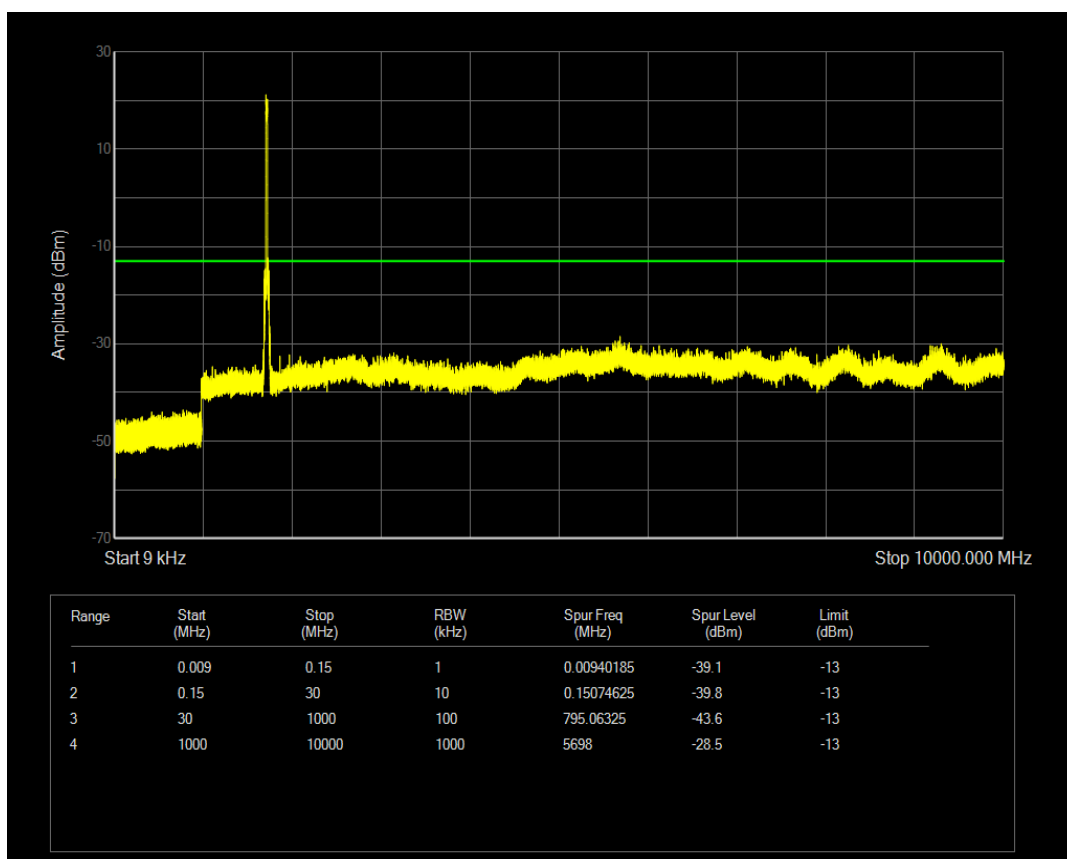
Band4 QPSK BW=20MHz Channel=20050 RB Size=100 Position=#0



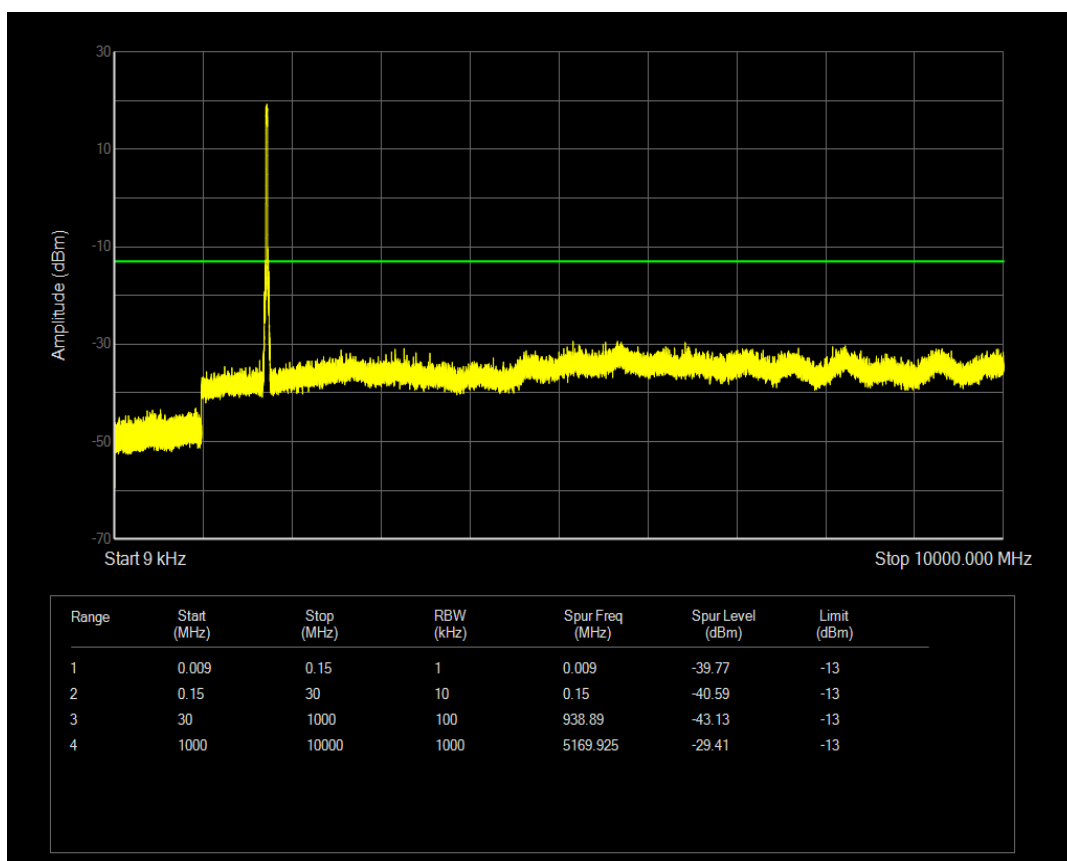
Band4 16QAM BW=20MHz Channel=20050 RB Size=100 Position=#0



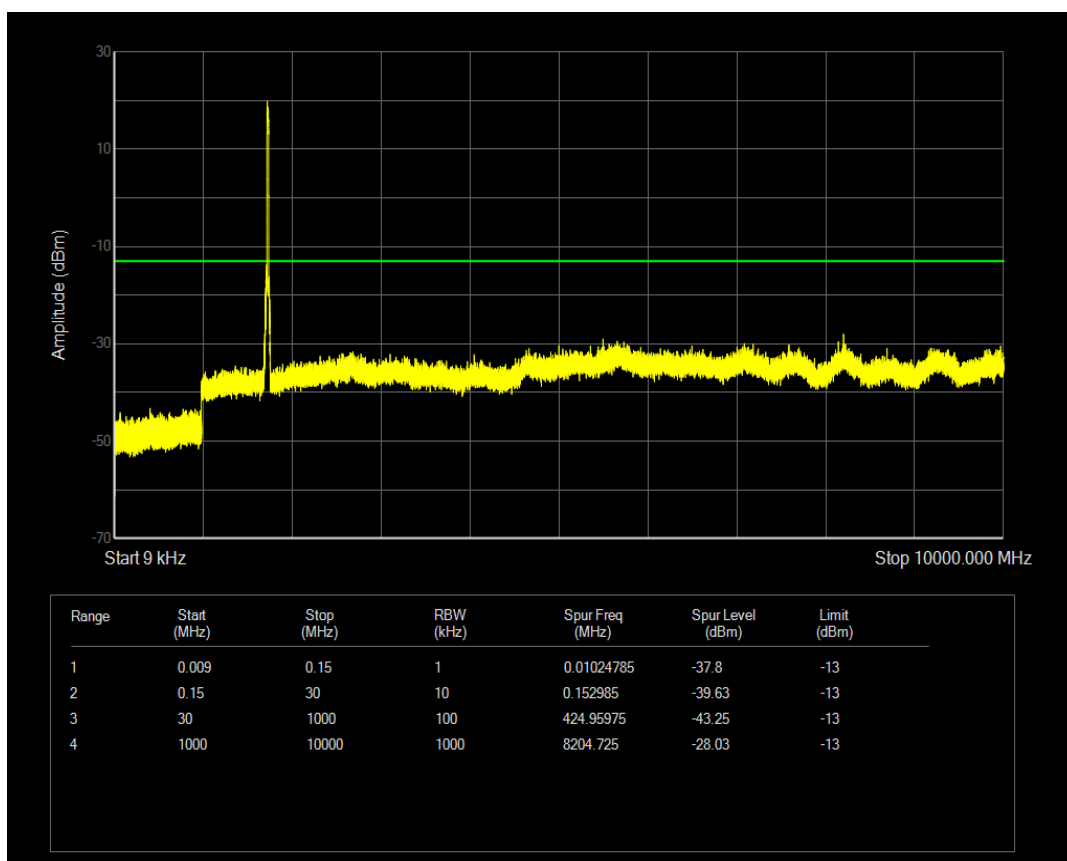
Band4 QPSK BW=20MHz Channel=20175 RB Size=100 Position=#0



Band4 16QAM BW=20MHz Channel=20175 RB Size=100 Position=#0



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



Band4 16QAM BW=20MHz Channel=20300 RB Size=100 Position=#0

