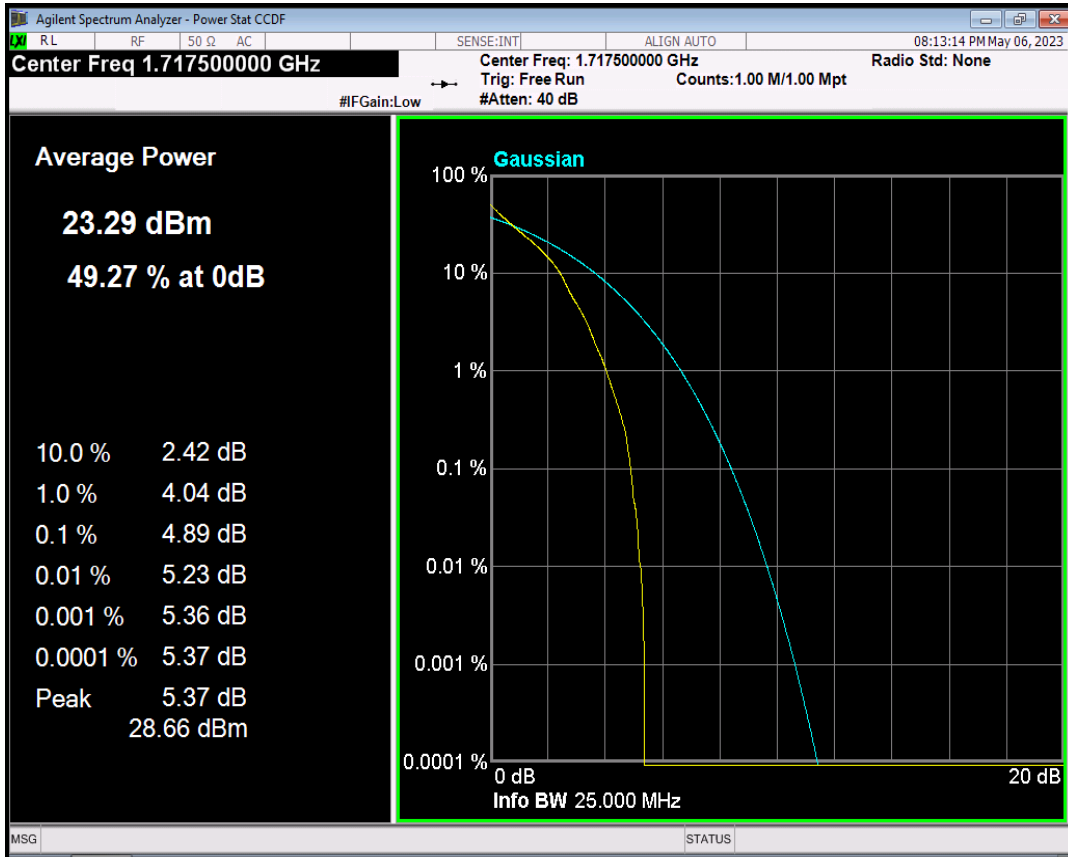
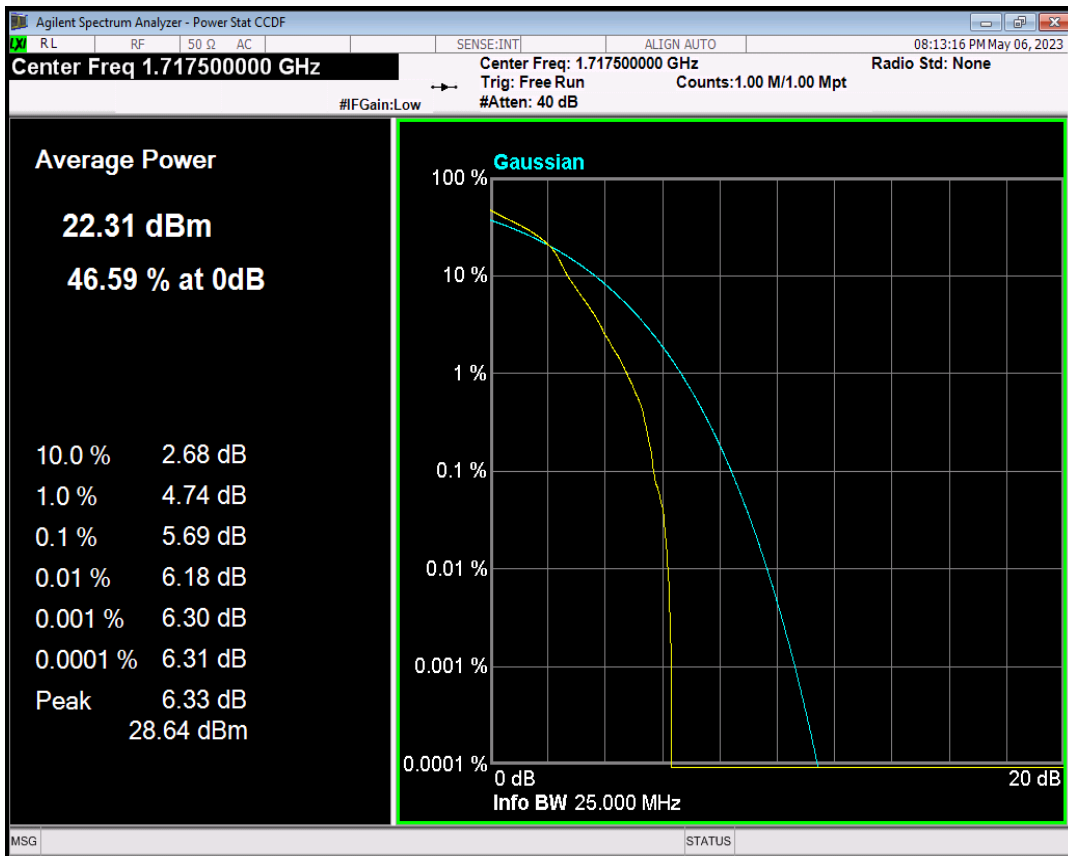
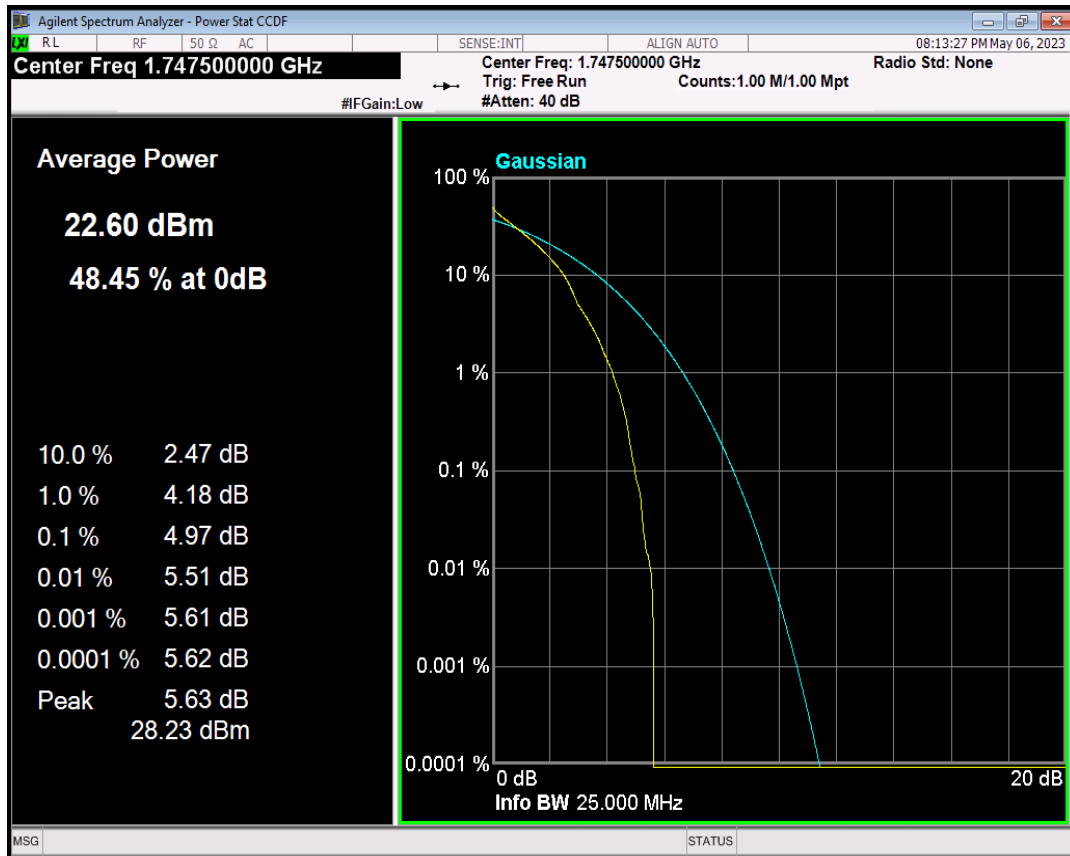




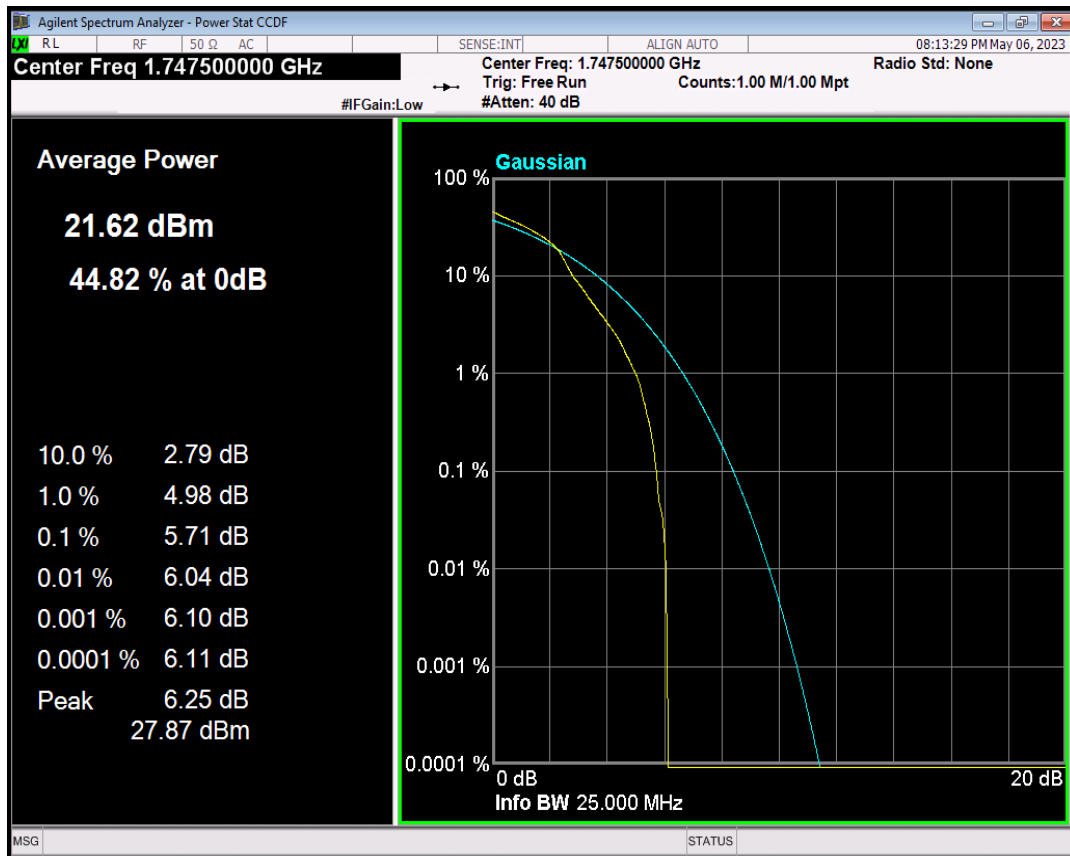
Band4 16QAM BW=15MHz Channel=20025 RB Size=1 Position=#0



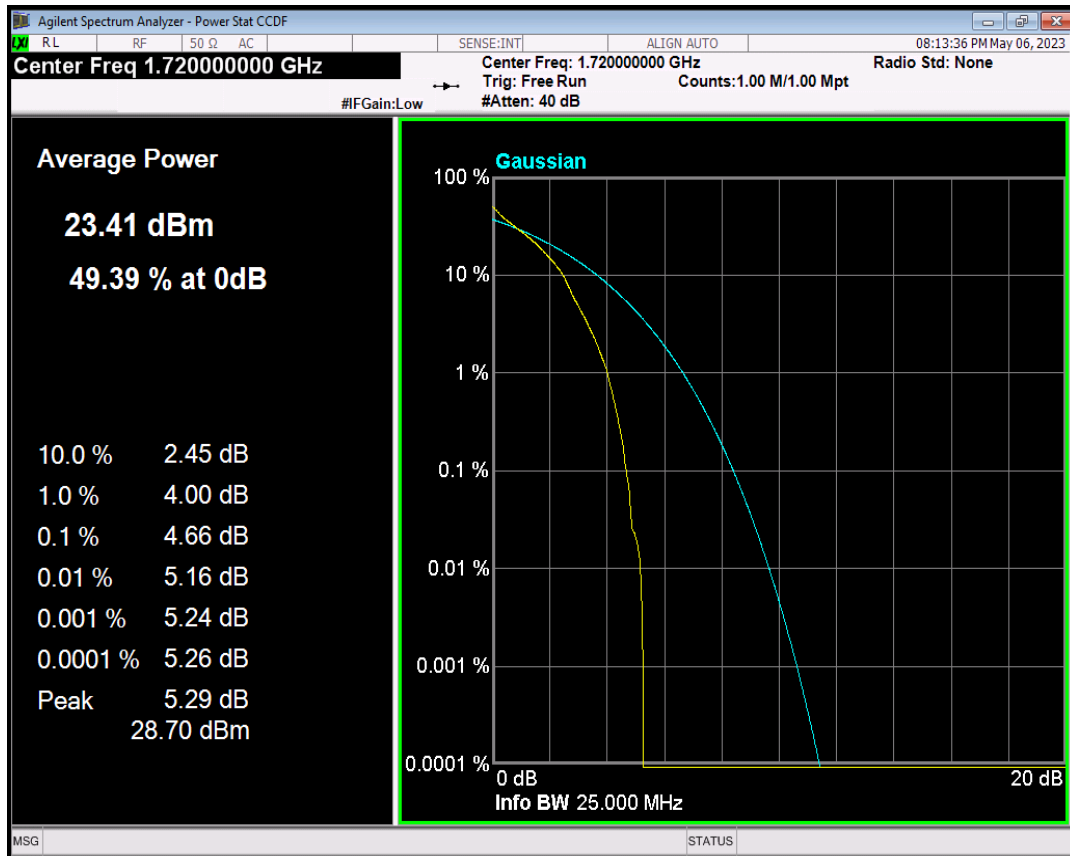
Band4 QPSK BW=15MHz Channel=20325 RB Size=1 Position=#0



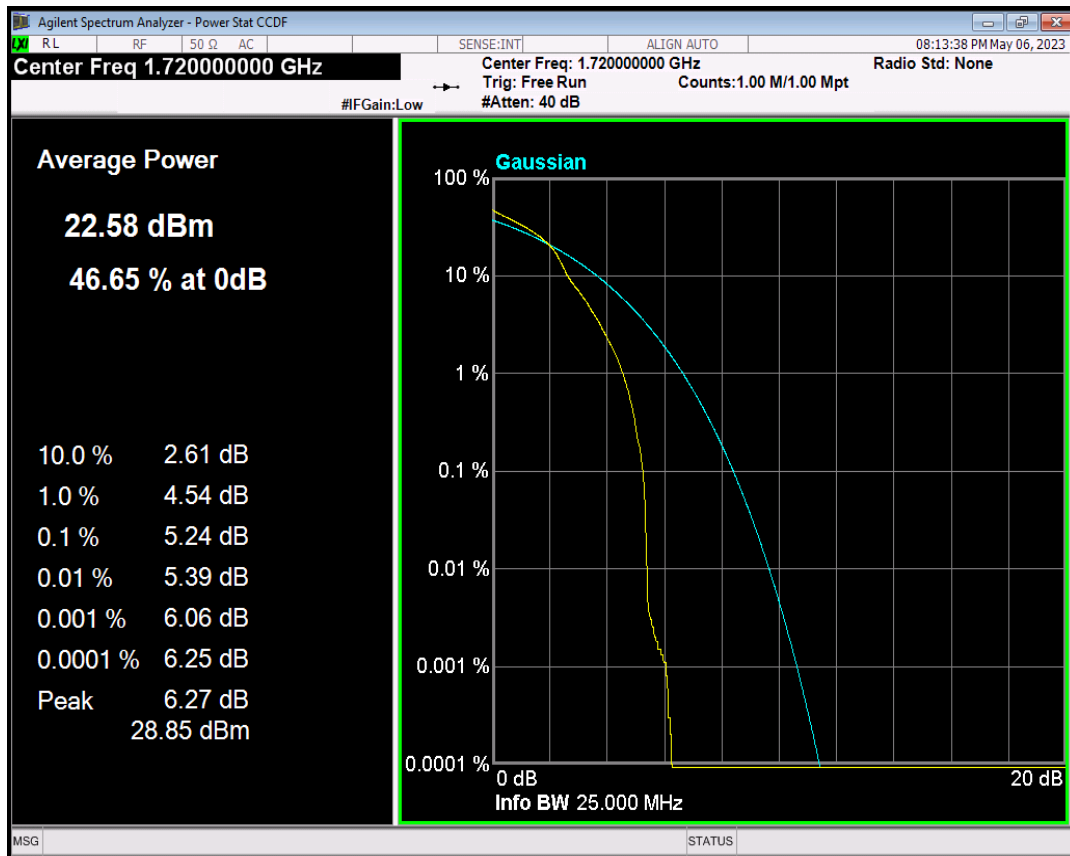
Band4 16QAM BW=15MHz Channel=20325 RB Size=1 Position=#0



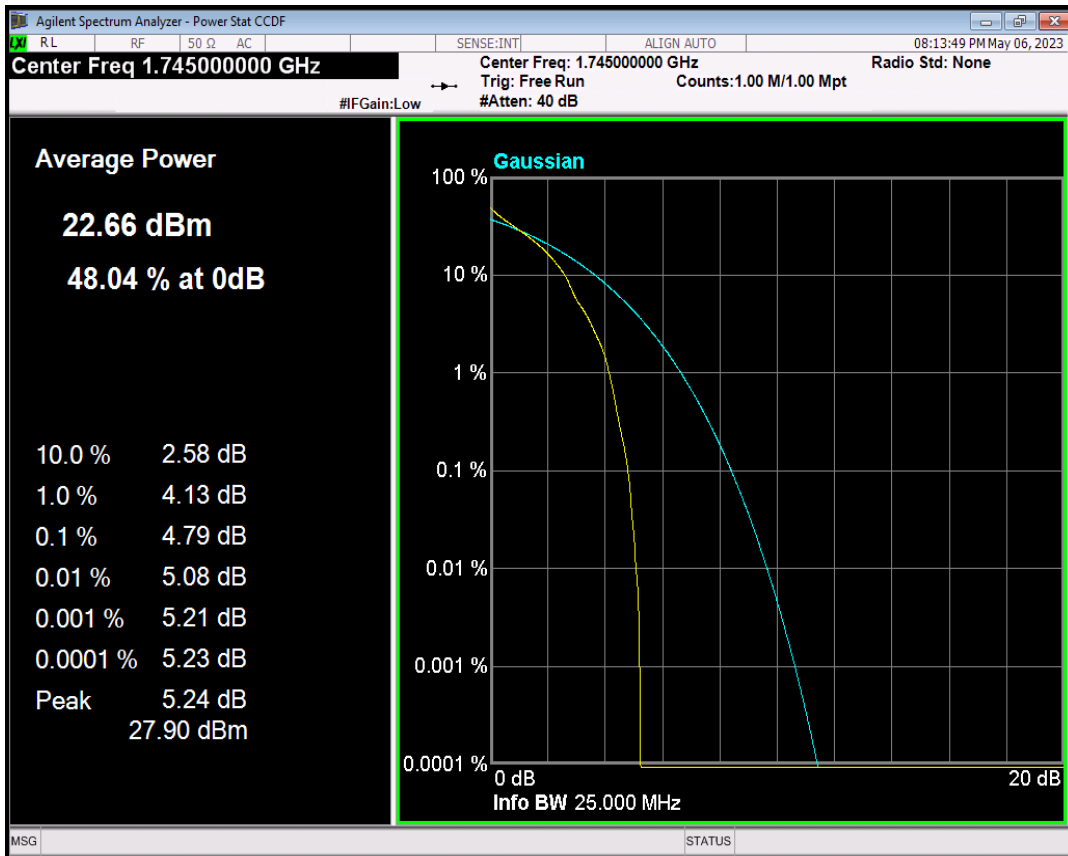
Band4 QPSK BW=20MHz Channel=20050 RB Size=1 Position=#0



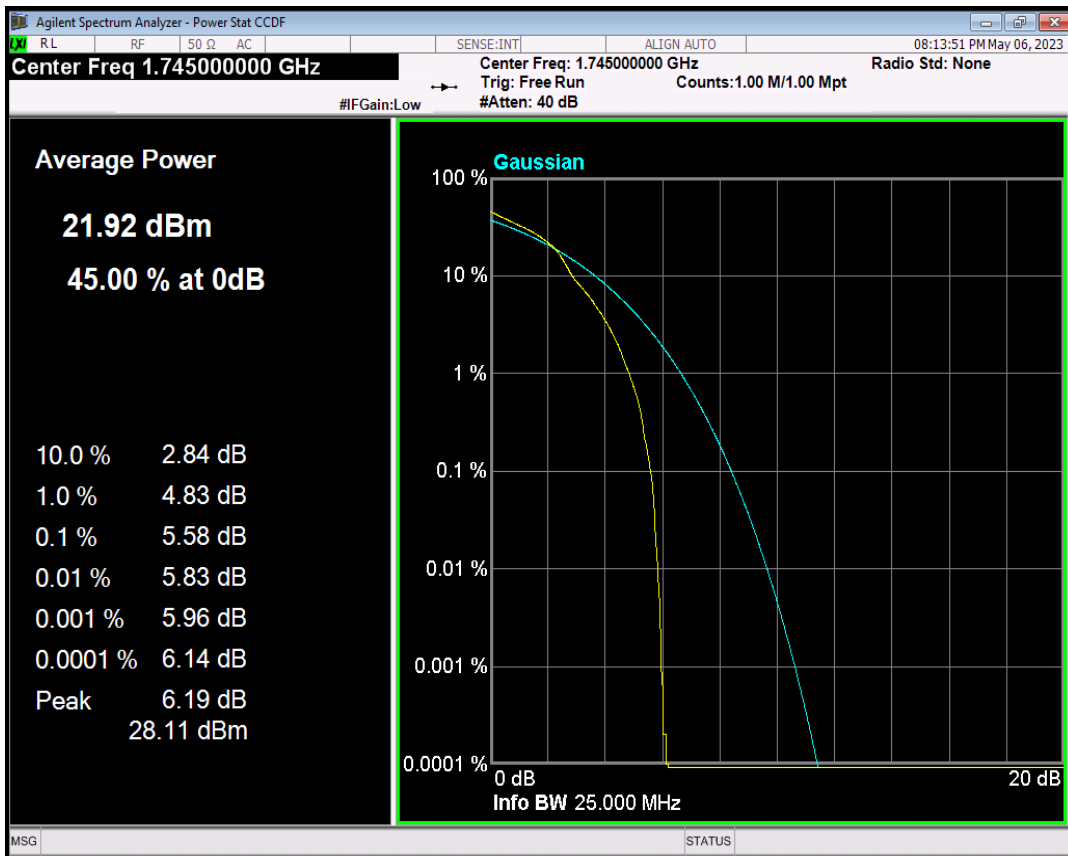
Band4 16QAM BW=20MHz Channel=20050 RB Size=1 Position=#0



Band4 QPSK BW=20MHz Channel=20300 RB Size=1 Position=#0



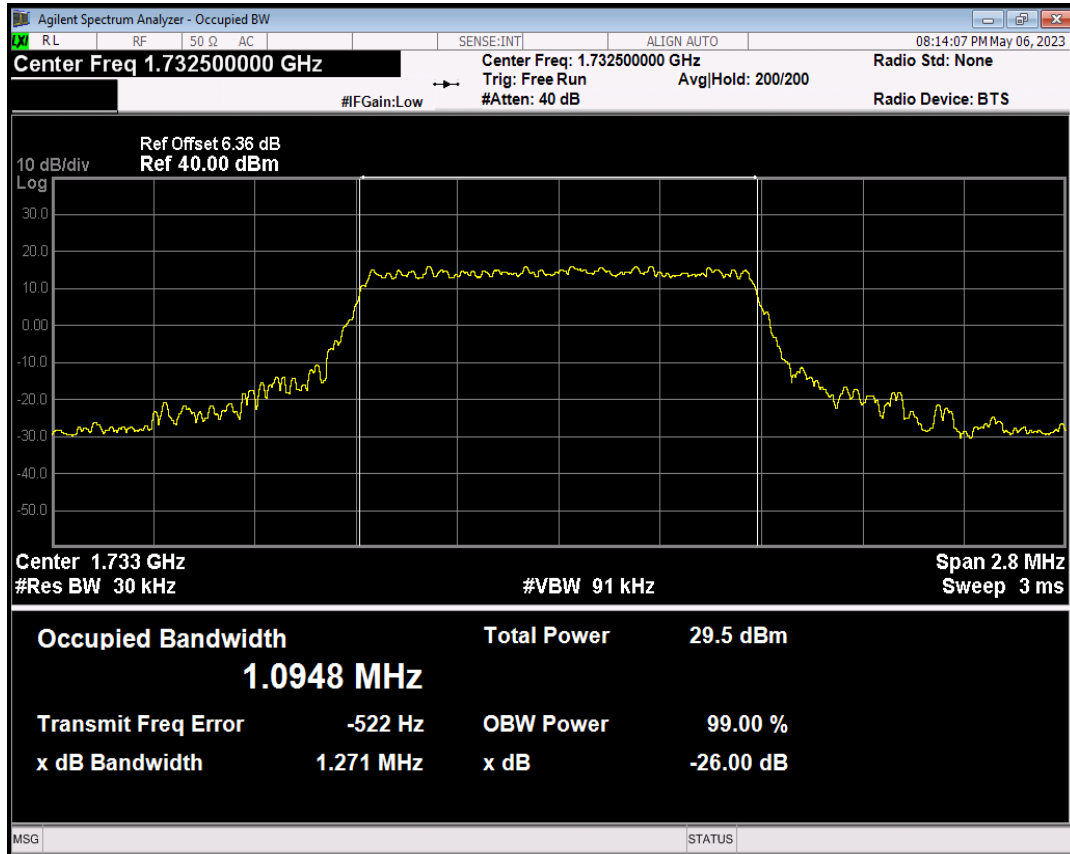
Band4 16QAM BW=20MHz Channel=20300 RB Size=1 Position=#0



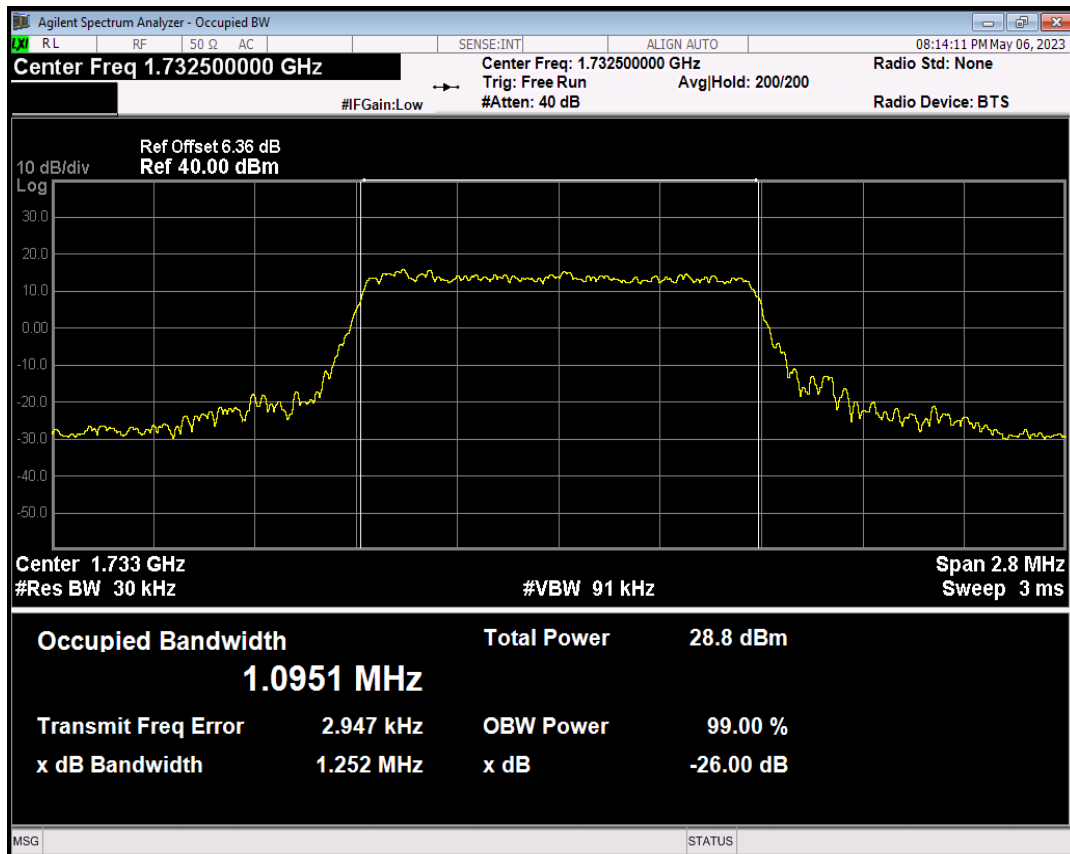
Appendix 4. Occupied bandwidth

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
Band4	1.4	19957	6	#0	QPSK	1.101	1.259	PASS
Band4	1.4	19957	6	#0	16QAM	1.101	1.266	PASS
Band4	1.4	20175	6	#0	QPSK	1.095	1.271	PASS
Band4	1.4	20175	6	#0	16QAM	1.095	1.252	PASS
Band4	1.4	20393	6	#0	QPSK	1.100	1.286	PASS
Band4	1.4	20393	6	#0	16QAM	1.101	1.264	PASS
Band4	3	19965	15	#0	QPSK	2.723	3.054	PASS
Band4	3	19965	15	#0	16QAM	2.708	3.074	PASS
Band4	3	20175	15	#0	QPSK	2.700	3.050	PASS
Band4	3	20175	15	#0	16QAM	2.710	3.038	PASS
Band4	3	20385	15	#0	QPSK	2.716	3.105	PASS
Band4	3	20385	15	#0	16QAM	2.721	3.180	PASS
Band4	5	19975	25	#0	QPSK	4.519	5.167	PASS
Band4	5	19975	25	#0	16QAM	4.523	5.115	PASS
Band4	5	20175	25	#0	QPSK	4.510	5.056	PASS
Band4	5	20175	25	#0	16QAM	4.533	5.080	PASS
Band4	5	20375	25	#0	QPSK	4.508	5.103	PASS
Band4	5	20375	25	#0	16QAM	4.504	5.063	PASS
Band4	10	20000	50	#0	QPSK	8.998	9.865	PASS
Band4	10	20000	50	#0	16QAM	8.992	9.820	PASS
Band4	10	20175	50	#0	QPSK	8.986	9.814	PASS
Band4	10	20175	50	#0	16QAM	8.975	9.785	PASS
Band4	10	20350	50	#0	QPSK	8.971	9.945	PASS
Band4	10	20350	50	#0	16QAM	9.002	10.233	PASS
Band4	15	20025	75	#0	QPSK	13.447	14.844	PASS
Band4	15	20025	75	#0	16QAM	13.504	14.642	PASS
Band4	15	20175	75	#0	QPSK	13.448	14.793	PASS
Band4	15	20175	75	#0	16QAM	13.498	14.941	PASS
Band4	15	20325	75	#0	QPSK	13.500	15.274	PASS
Band4	15	20325	75	#0	16QAM	13.462	14.695	PASS
Band4	20	20050	100	#0	QPSK	17.929	19.727	PASS
Band4	20	20050	100	#0	16QAM	17.927	19.776	PASS
Band4	20	20175	100	#0	QPSK	17.932	19.520	PASS
Band4	20	20175	100	#0	16QAM	17.956	20.188	PASS
Band4	20	20300	100	#0	QPSK	18.032	20.080	PASS
Band4	20	20300	100	#0	16QAM	18.007	19.544	PASS

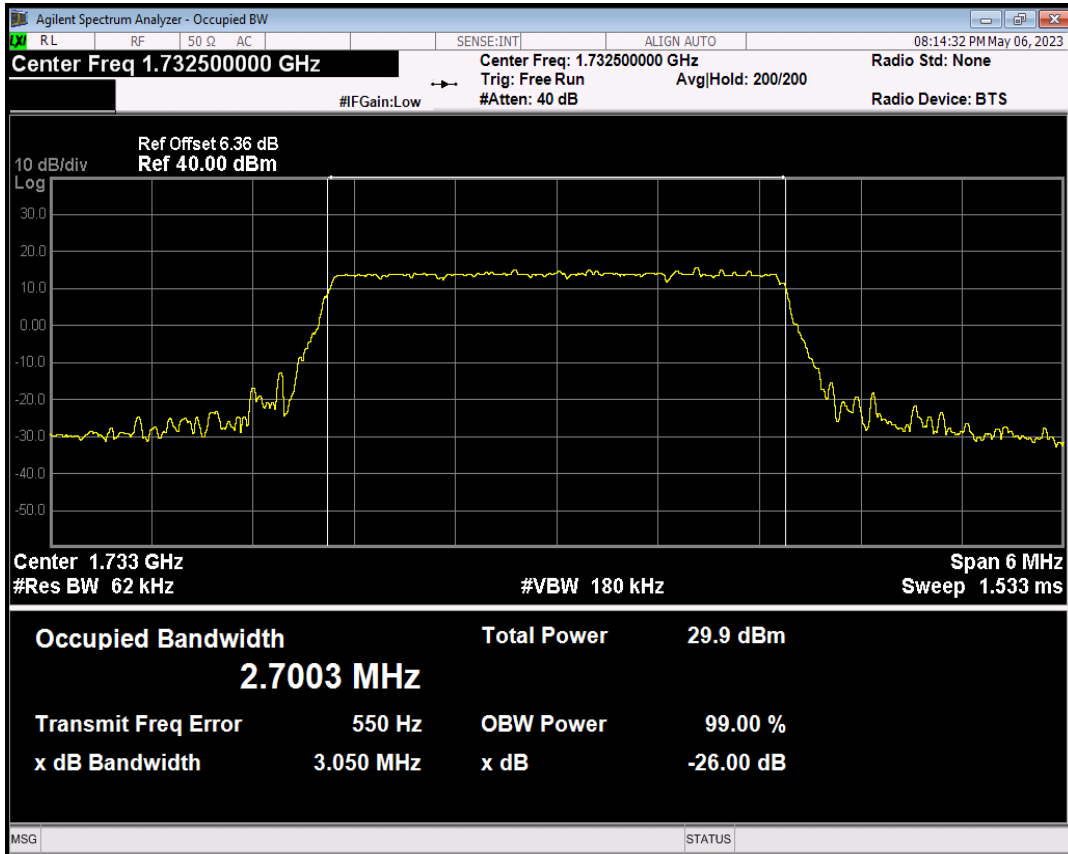
Band4 QPSK BW=1.4MHz Channel=20175 RB Size=6 Position=#0



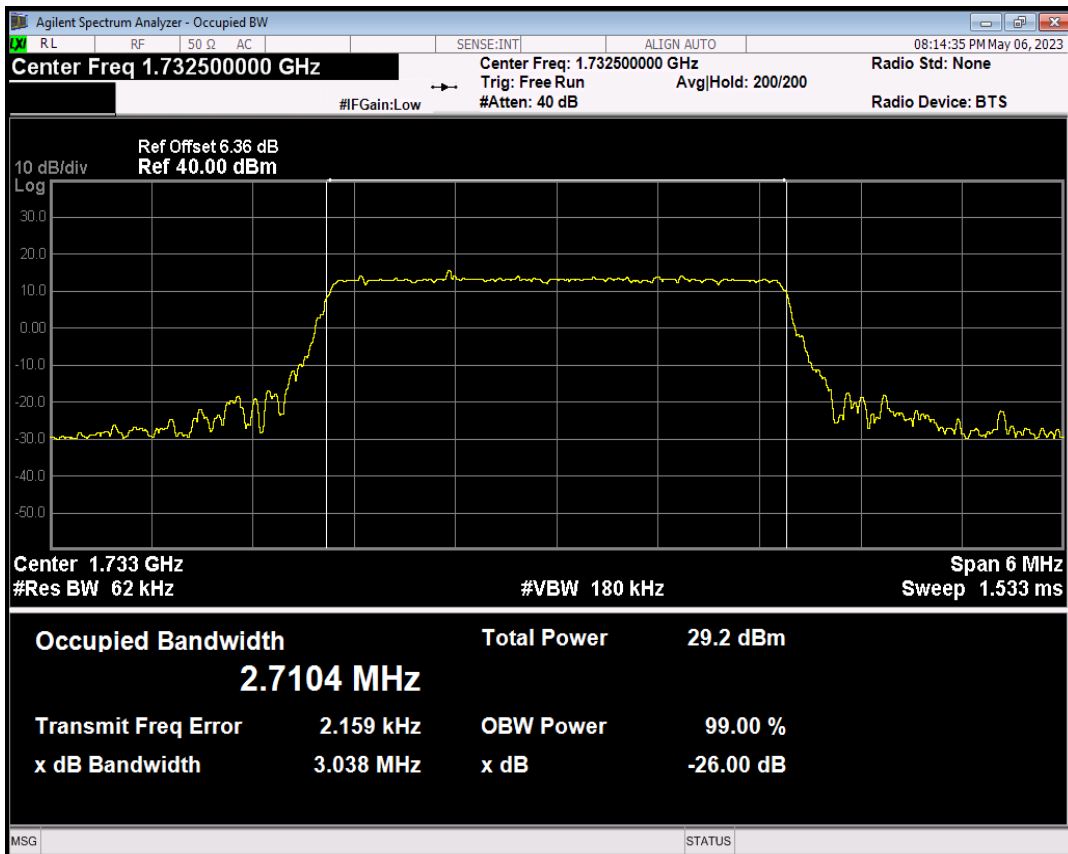
Band4 16QAM BW=1.4MHz Channel=20175 RB Size=6 Position=#0



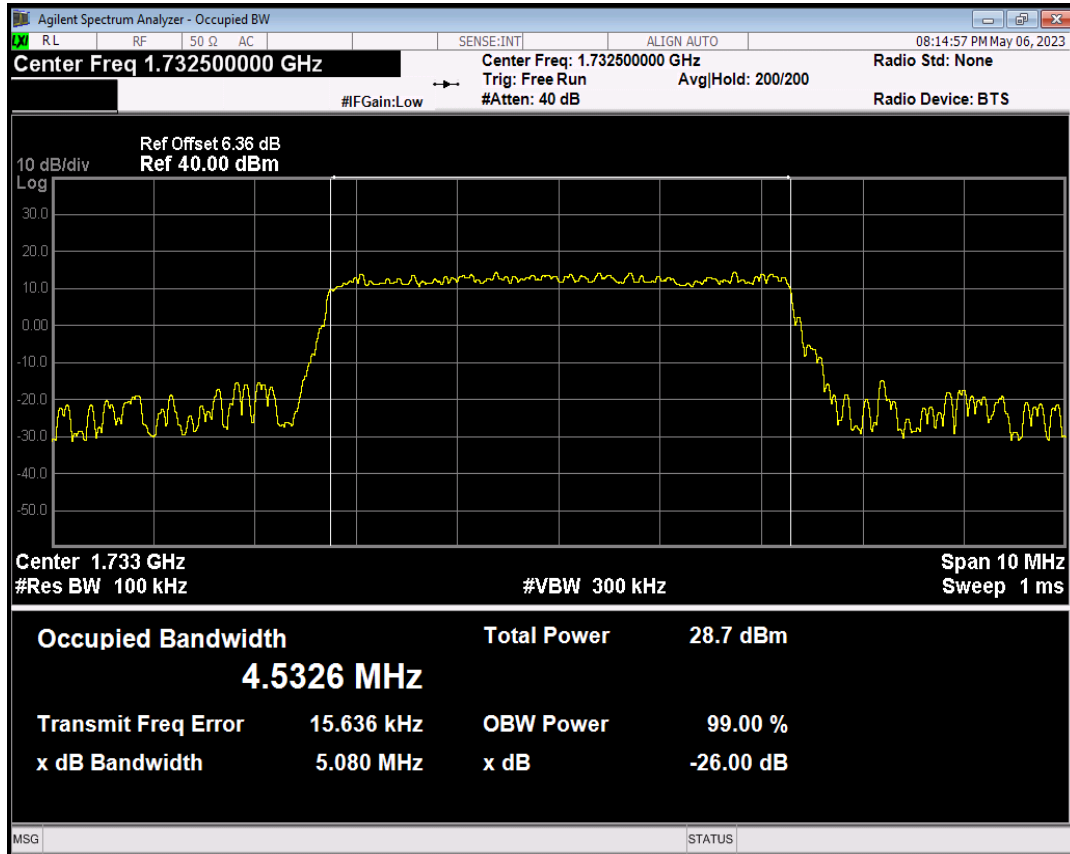
Band4 QPSK BW=3MHz Channel=20175 RB Size=15 Position=#0



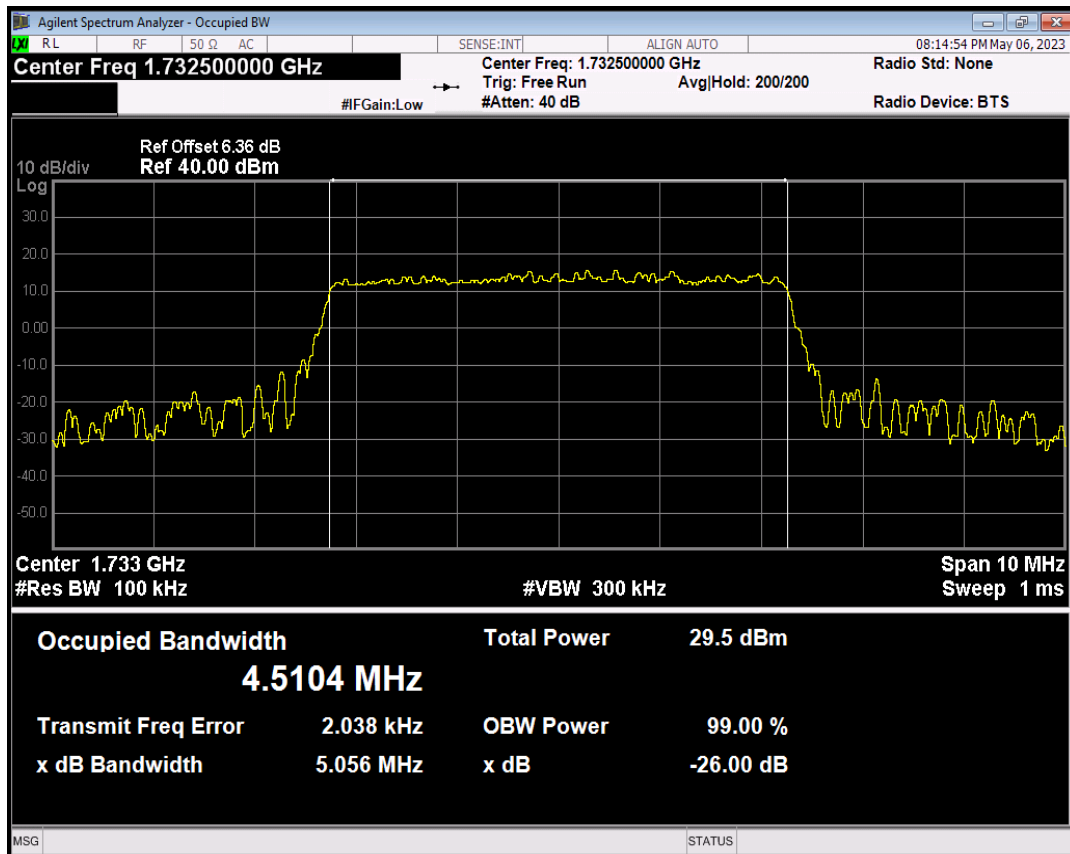
Band4 16QAM BW=3MHz Channel=20175 RB Size=15 Position=#0



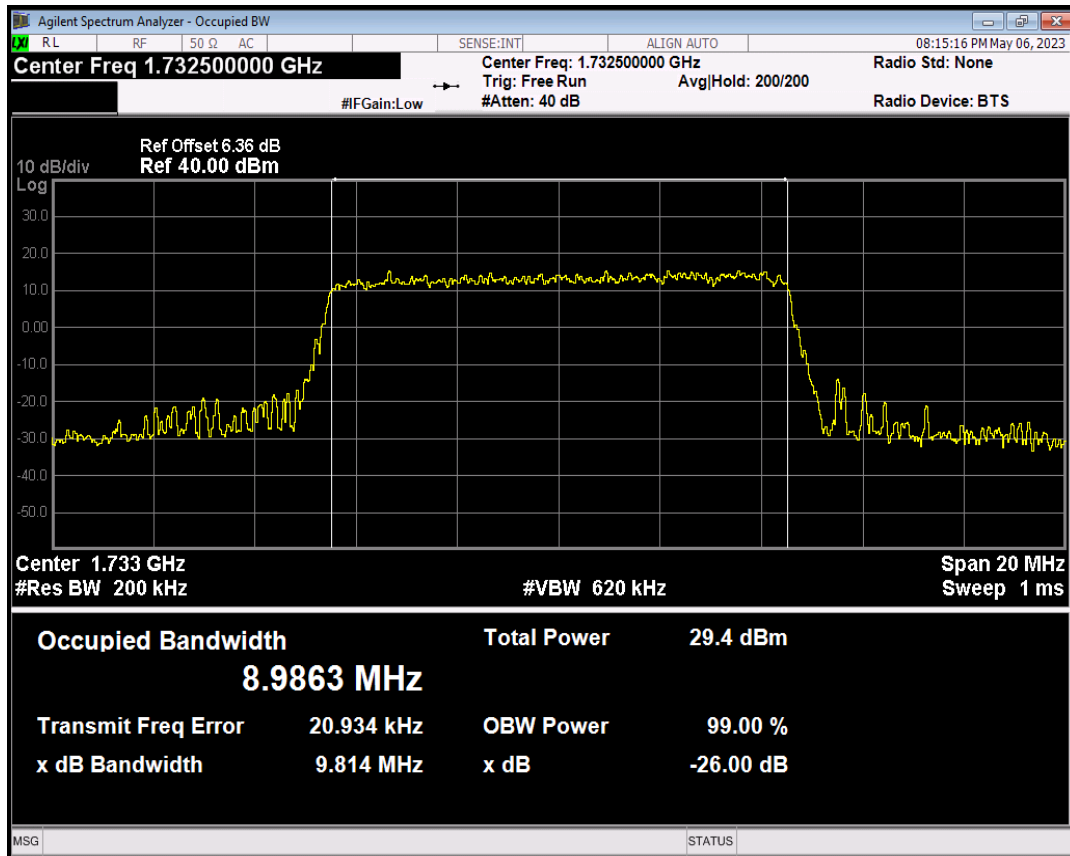
Band4 16QAM BW=5MHz Channel=20175 RB Size=25 Position=#0



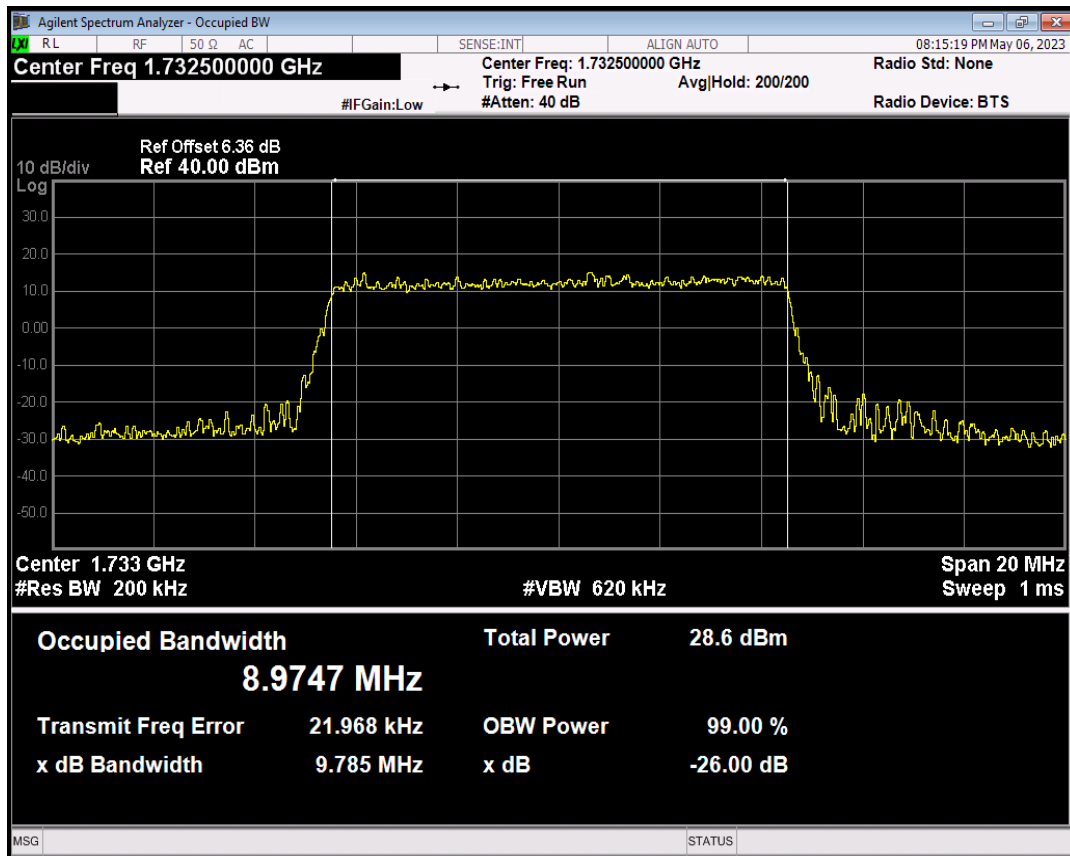
Band4 QPSK BW=5MHz Channel=20175 RB Size=25 Position=#0



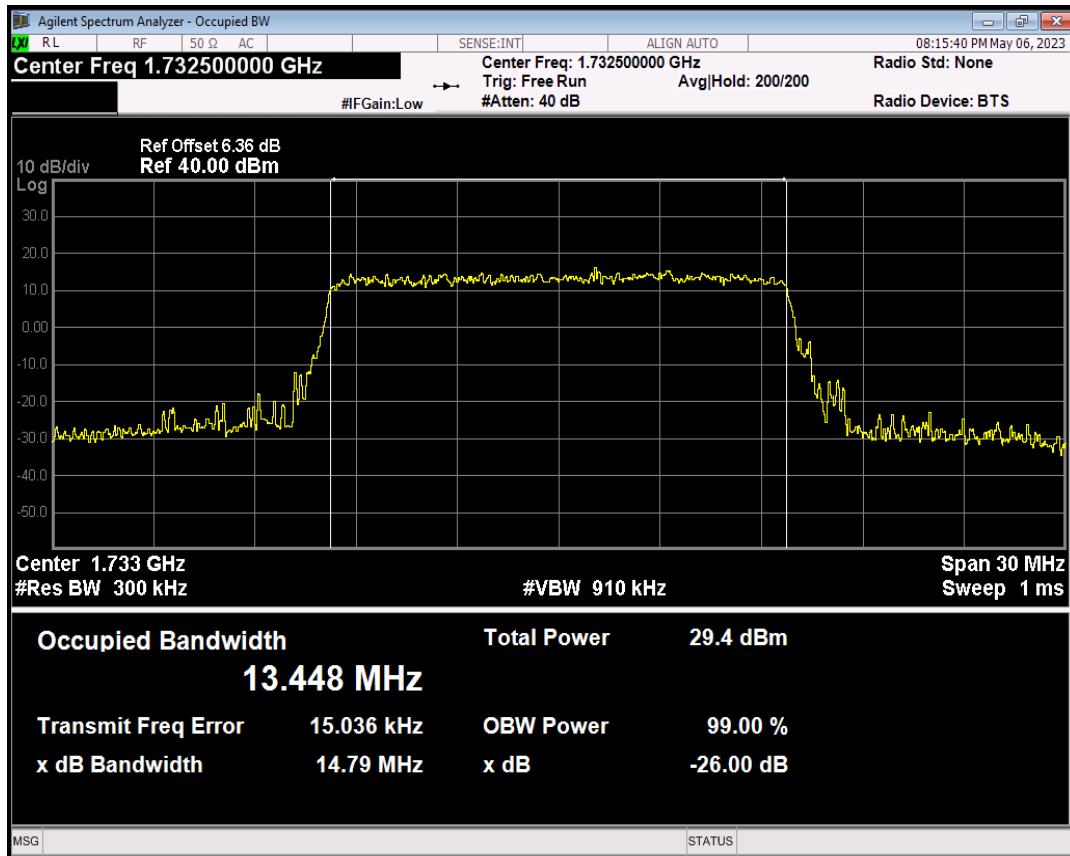
Band4 QPSK BW=10MHz Channel=20175 RB Size=50 Position=#0



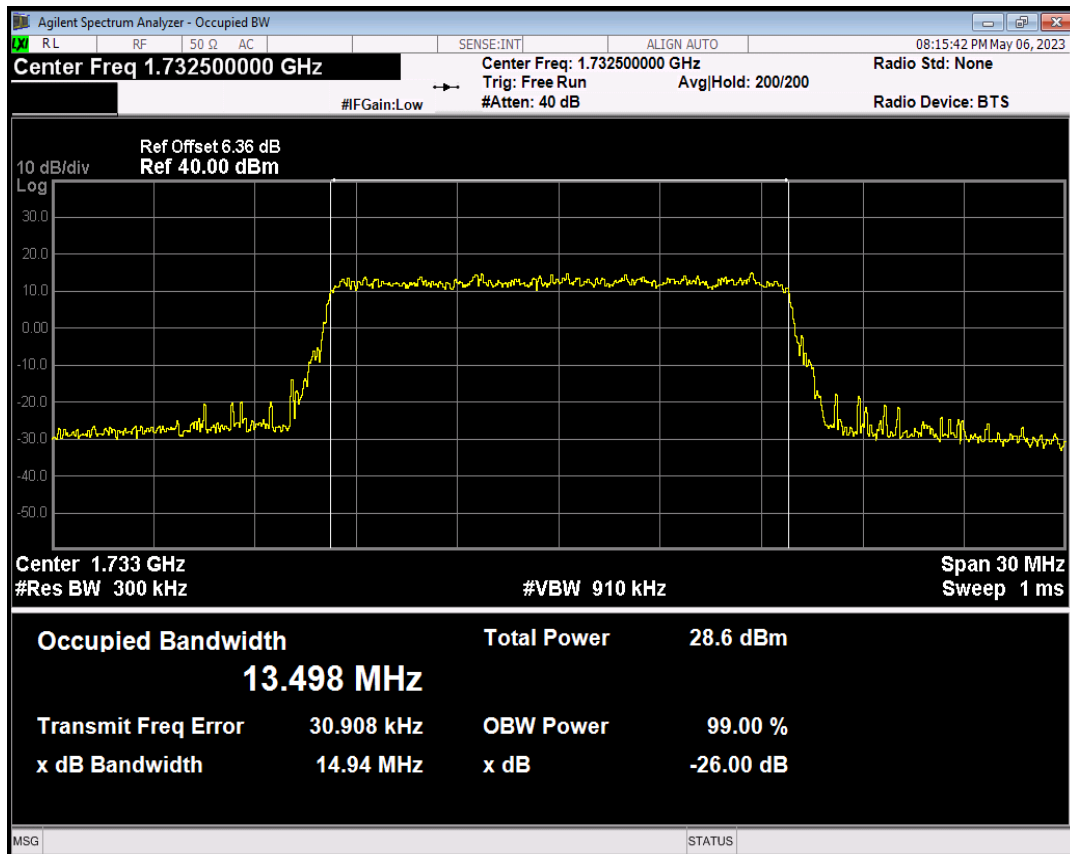
Band4 16QAM BW=10MHz Channel=20175 RB Size=50 Position=#0



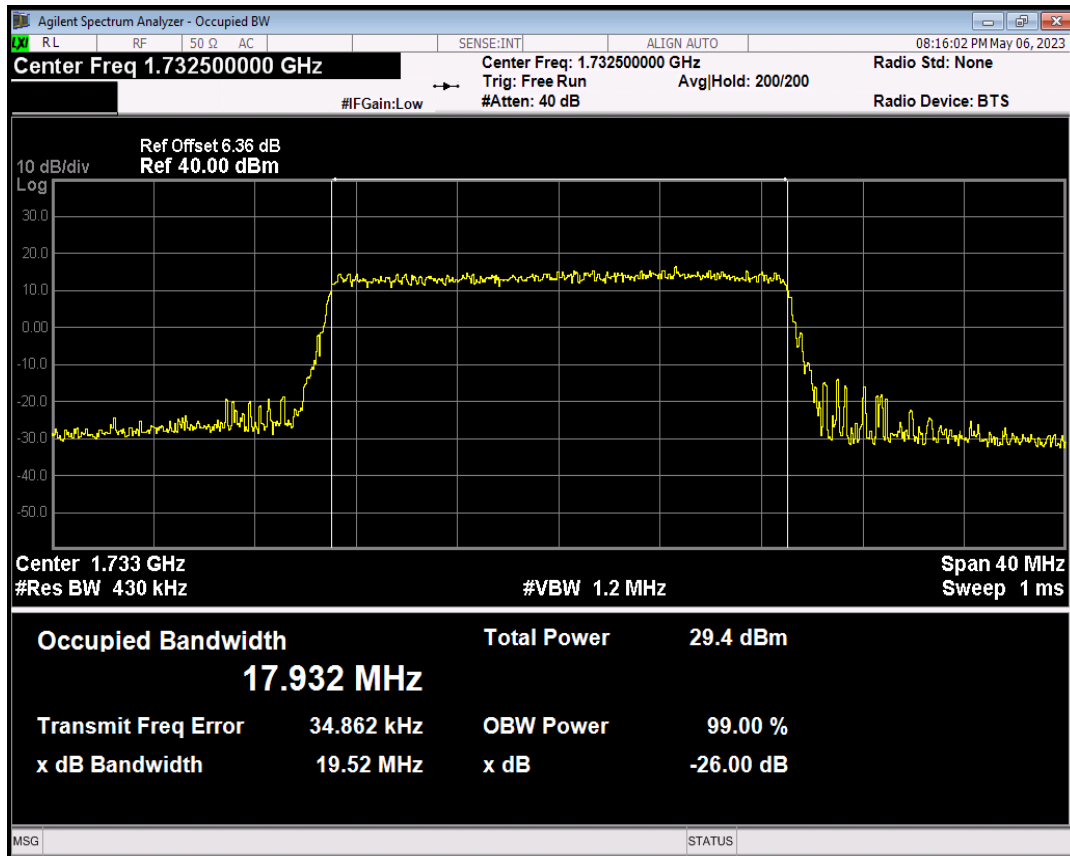
Band4 QPSK BW=15MHz Channel=20175 RB Size=75 Position=#0



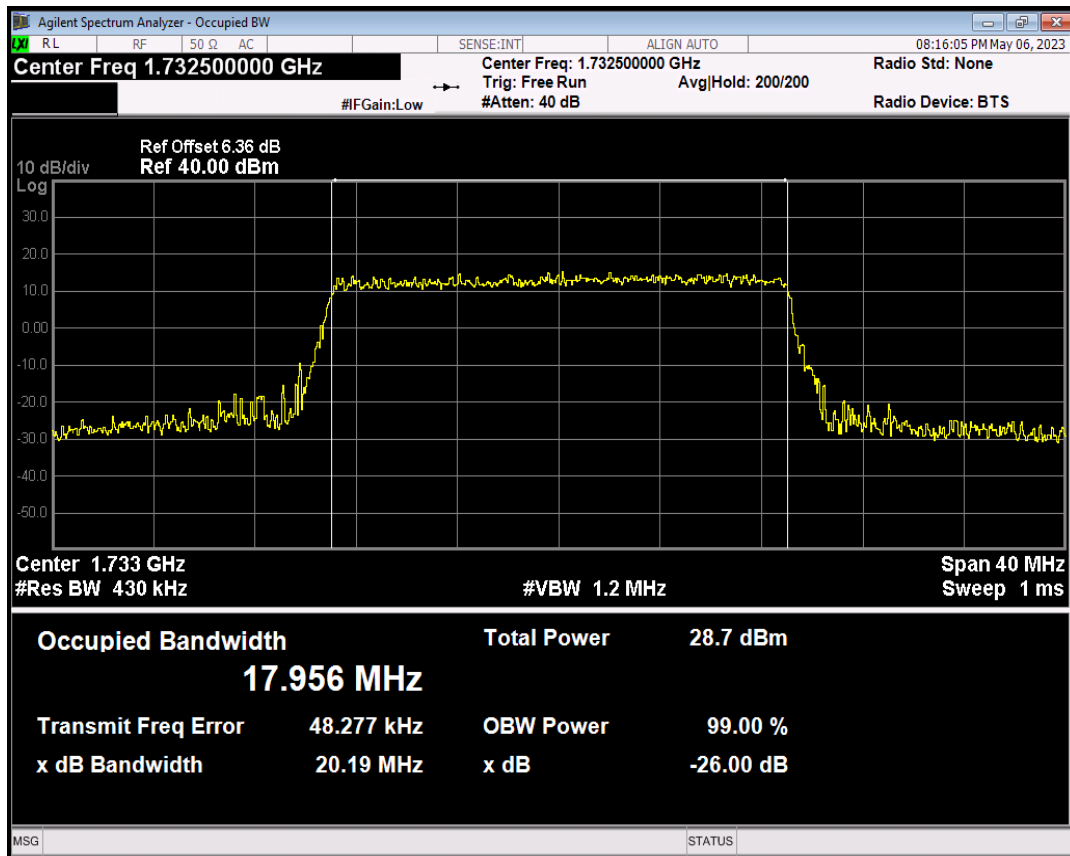
Band4 16QAM BW=15MHz Channel=20175 RB Size=75 Position=#0



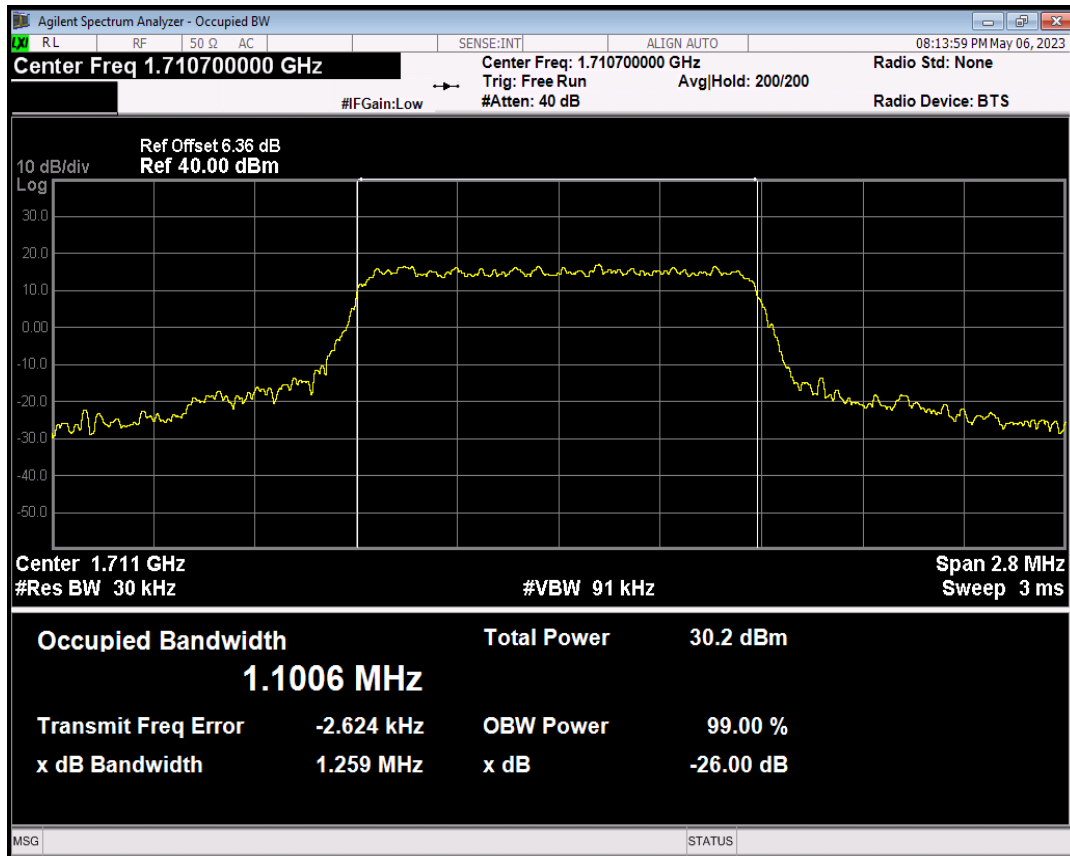
Band4 QPSK BW=20MHz Channel=20175 RB Size=100 Position=#0



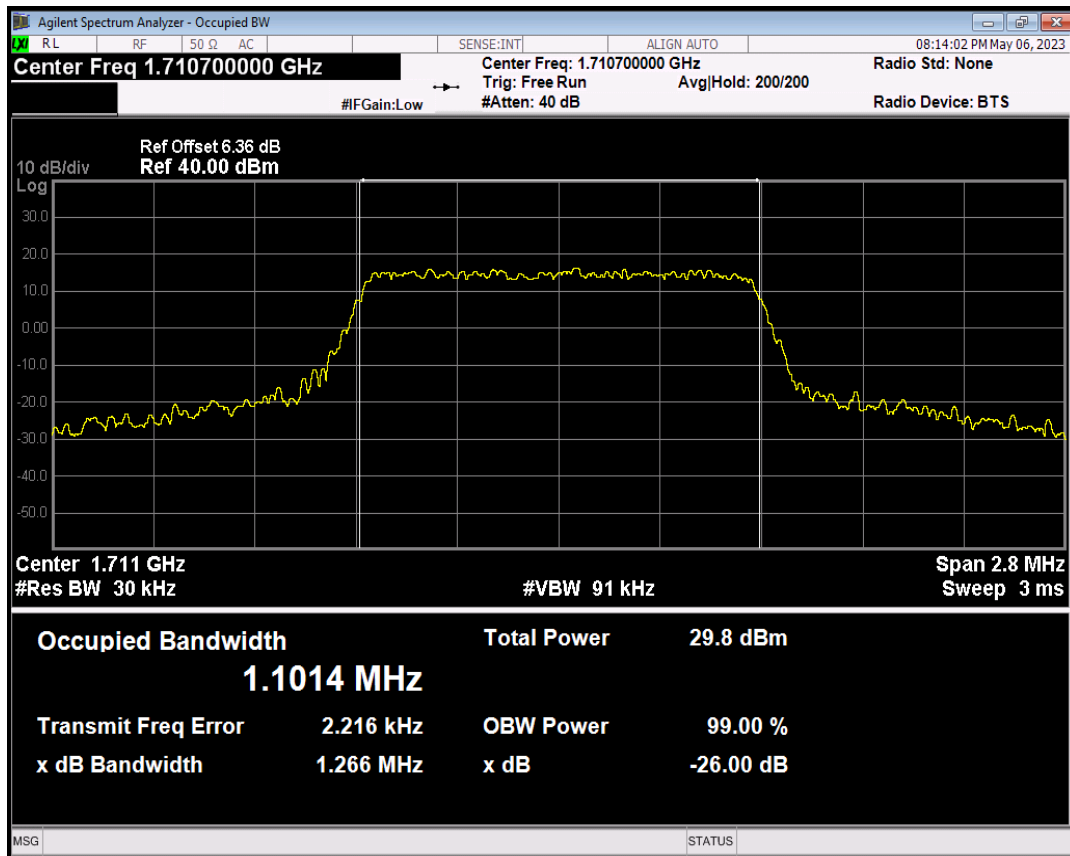
Band4 16QAM BW=20MHz Channel=20175 RB Size=100 Position=#0



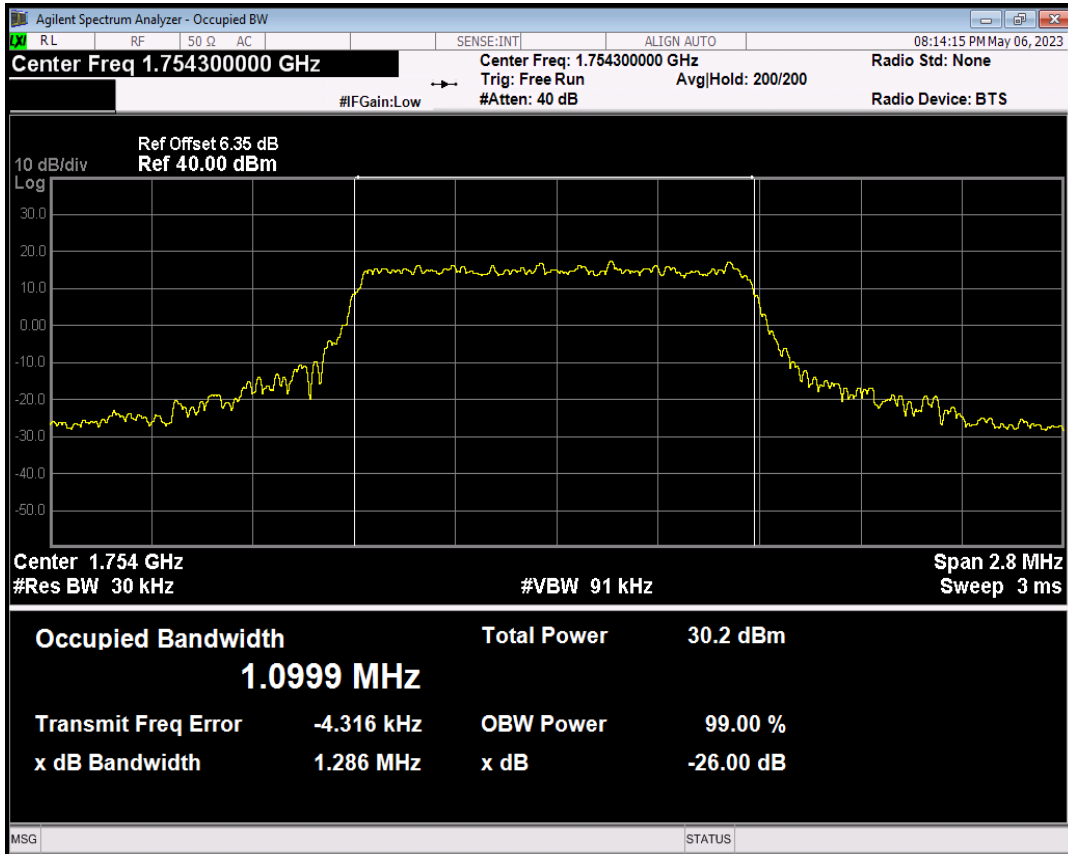
Band4 QPSK BW=1.4MHz Channel=19957 RB Size=6 Position=#0



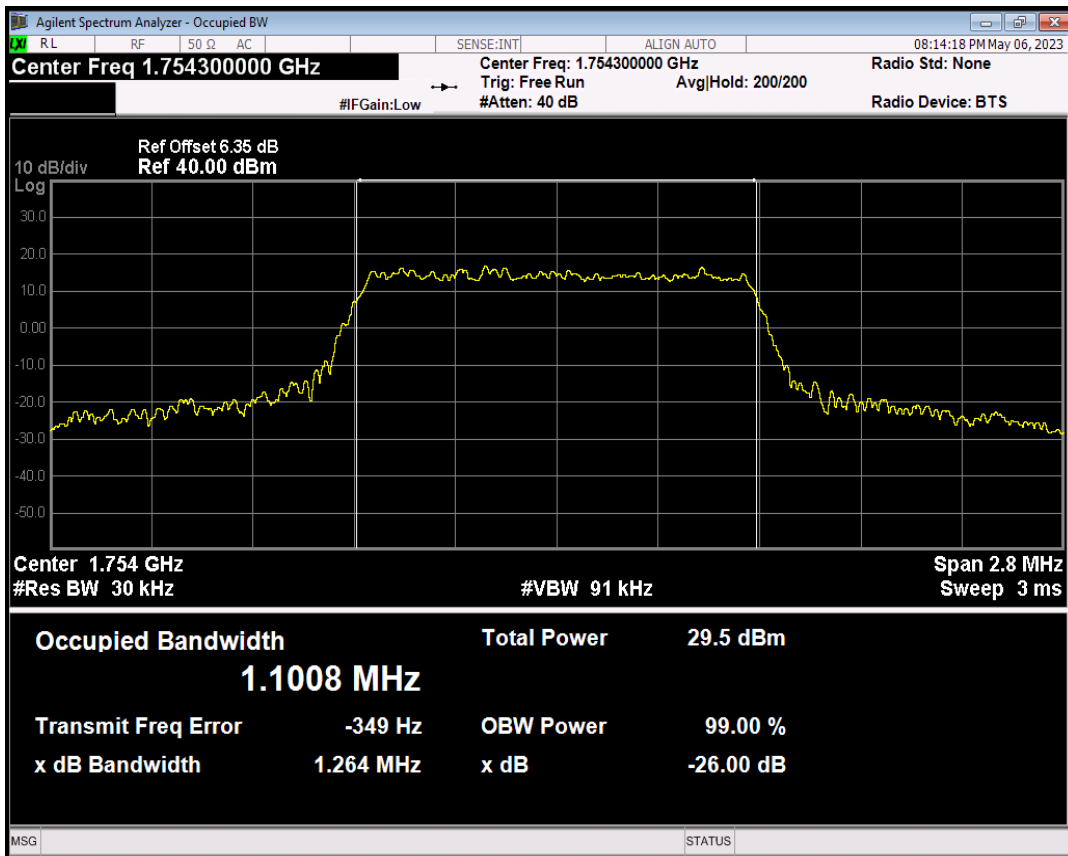
Band4 16QAM BW=1.4MHz Channel=19957 RB Size=6 Position=#0



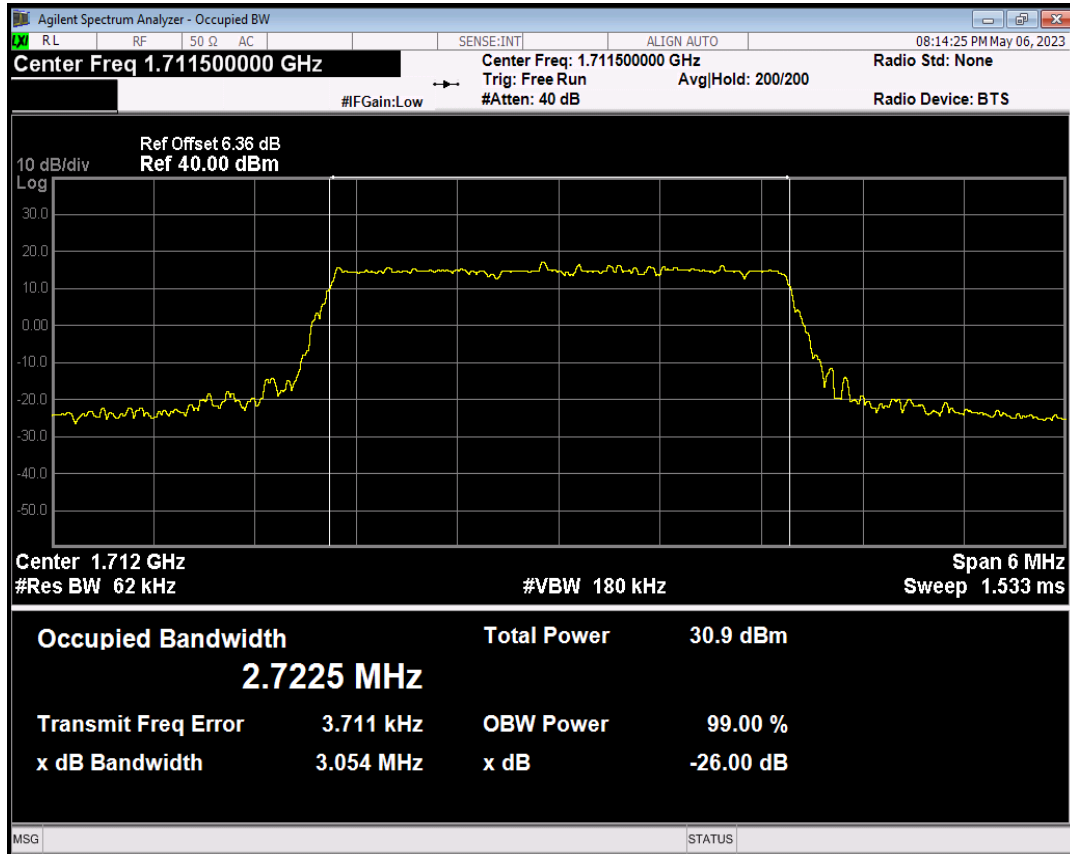
Band4 QPSK BW=1.4MHz Channel=20393 RB Size=6 Position=#0



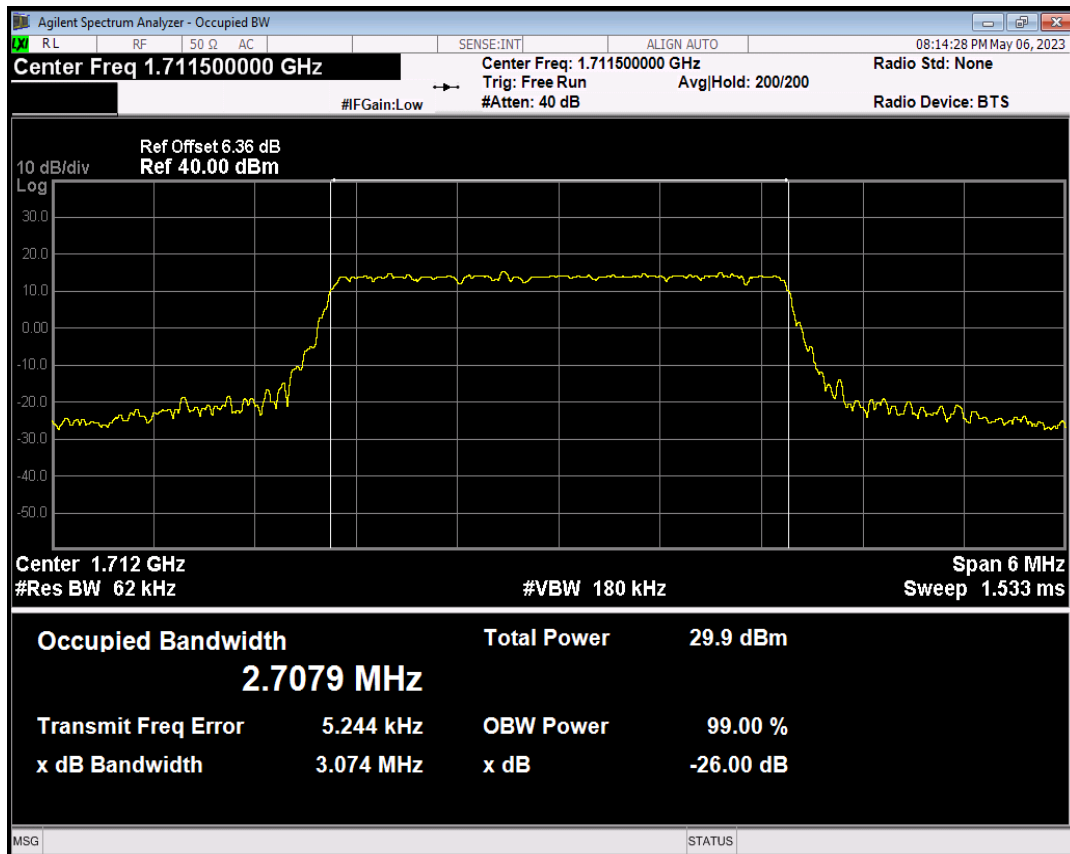
Band4 16QAM BW=1.4MHz Channel=20393 RB Size=6 Position=#0



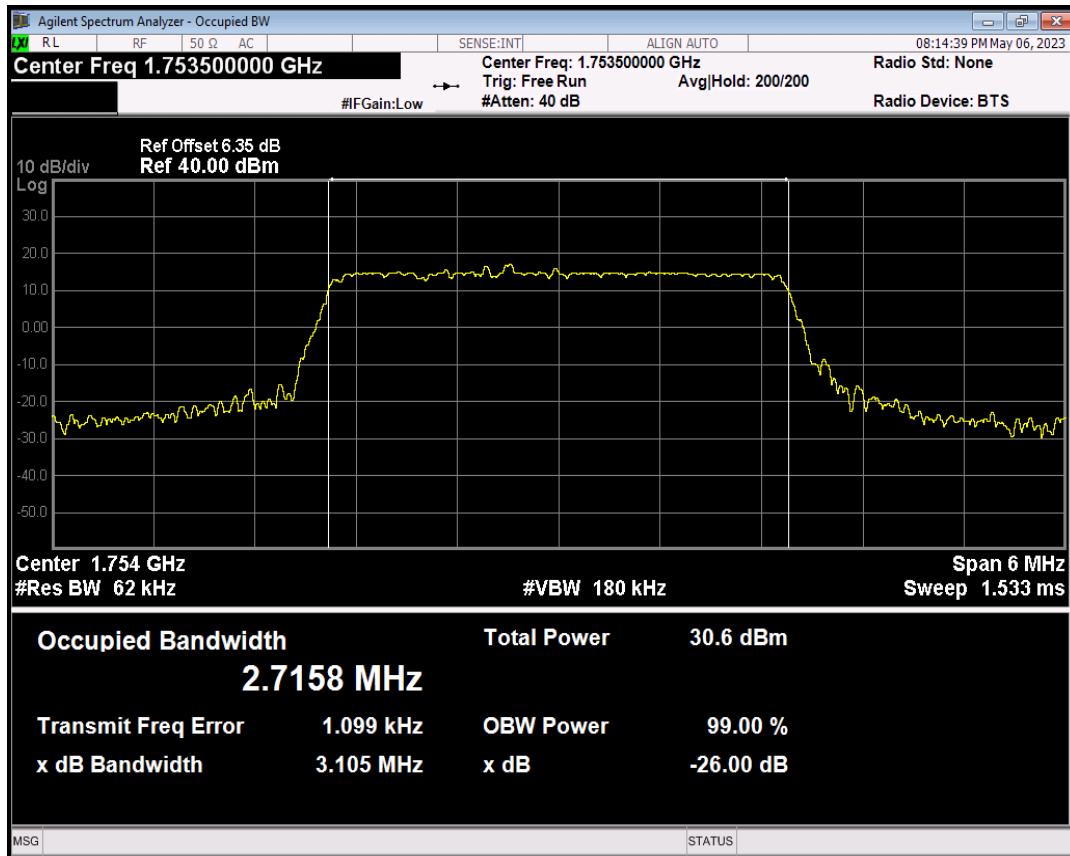
Band4 QPSK BW=3MHz Channel=19965 RB Size=15 Position=#0



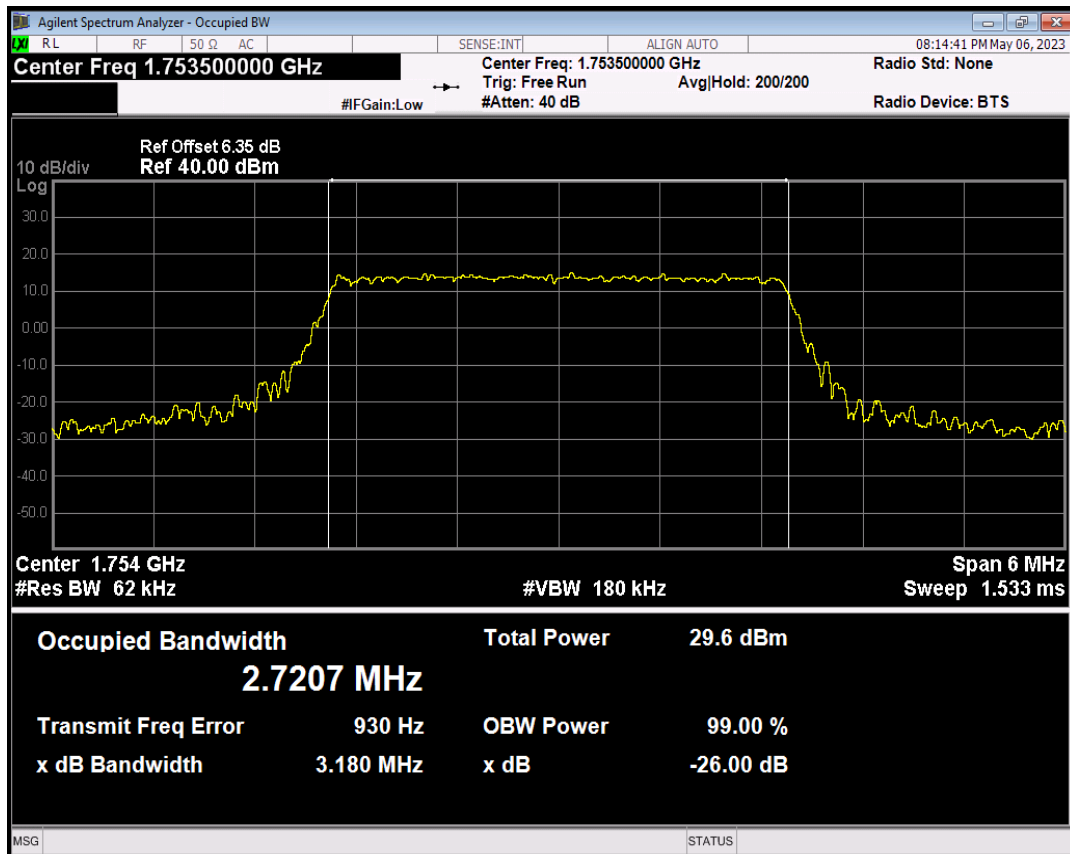
Band4 16QAM BW=3MHz Channel=19965 RB Size=15 Position=#0



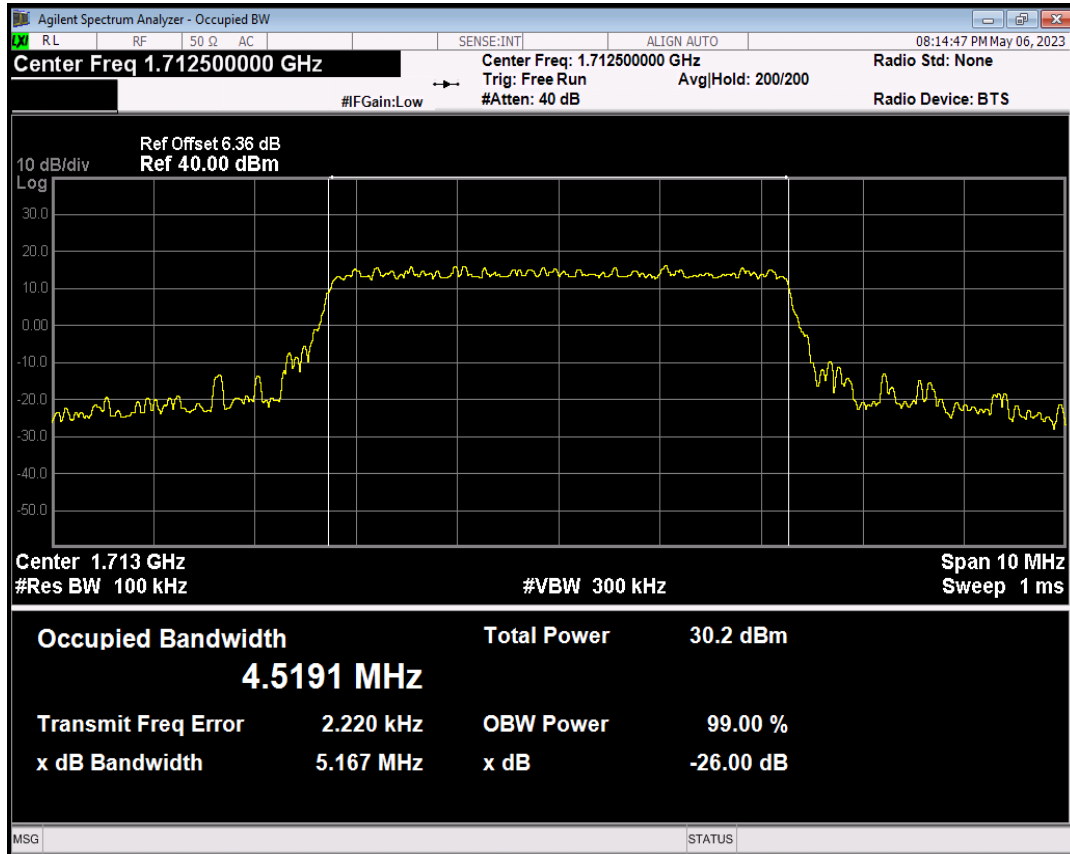
Band4 QPSK BW=3MHz Channel=20385 RB Size=15 Position=#0



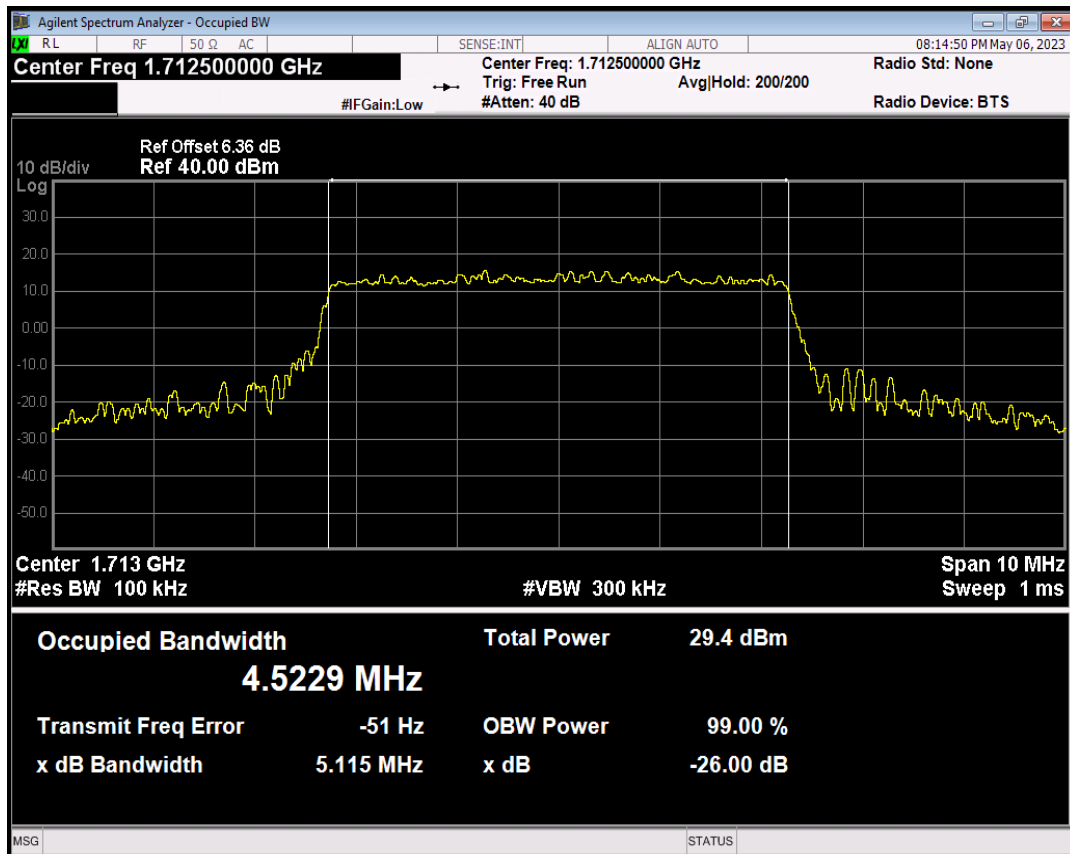
Band4 16QAM BW=3MHz Channel=20385 RB Size=15 Position=#0



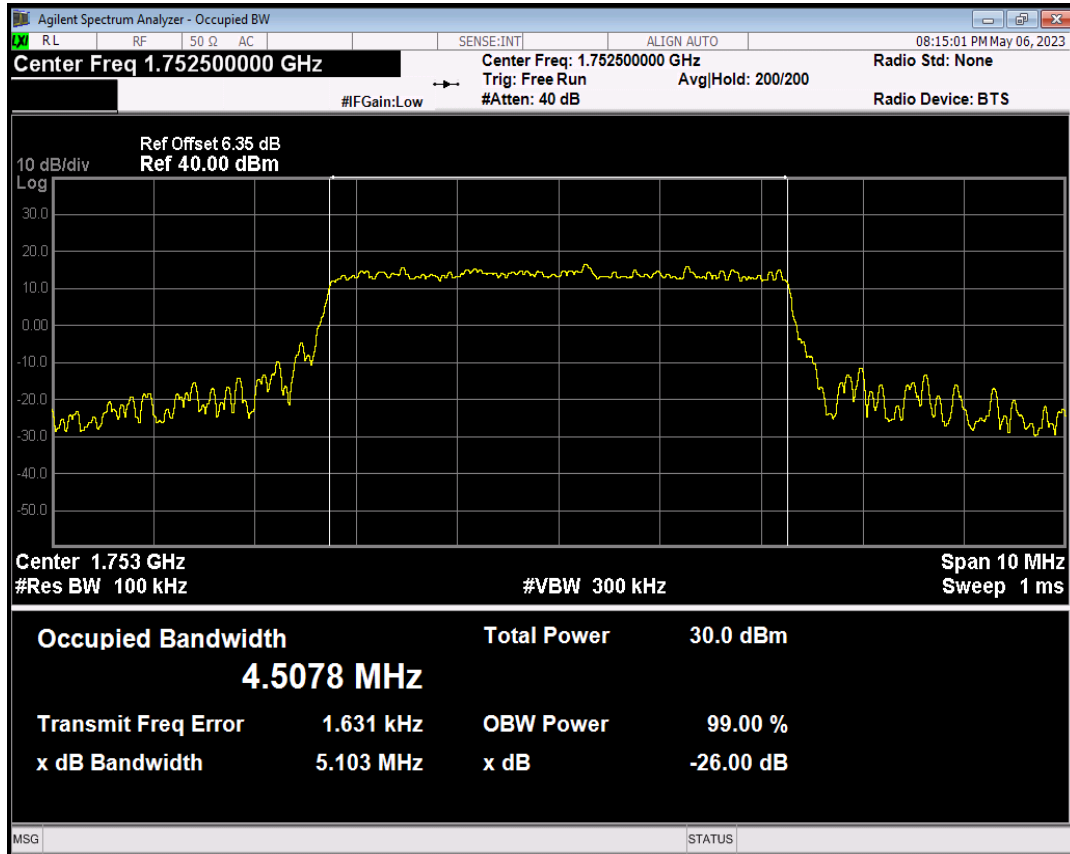
Band4 QPSK BW=5MHz Channel=19975 RB Size=25 Position=#0



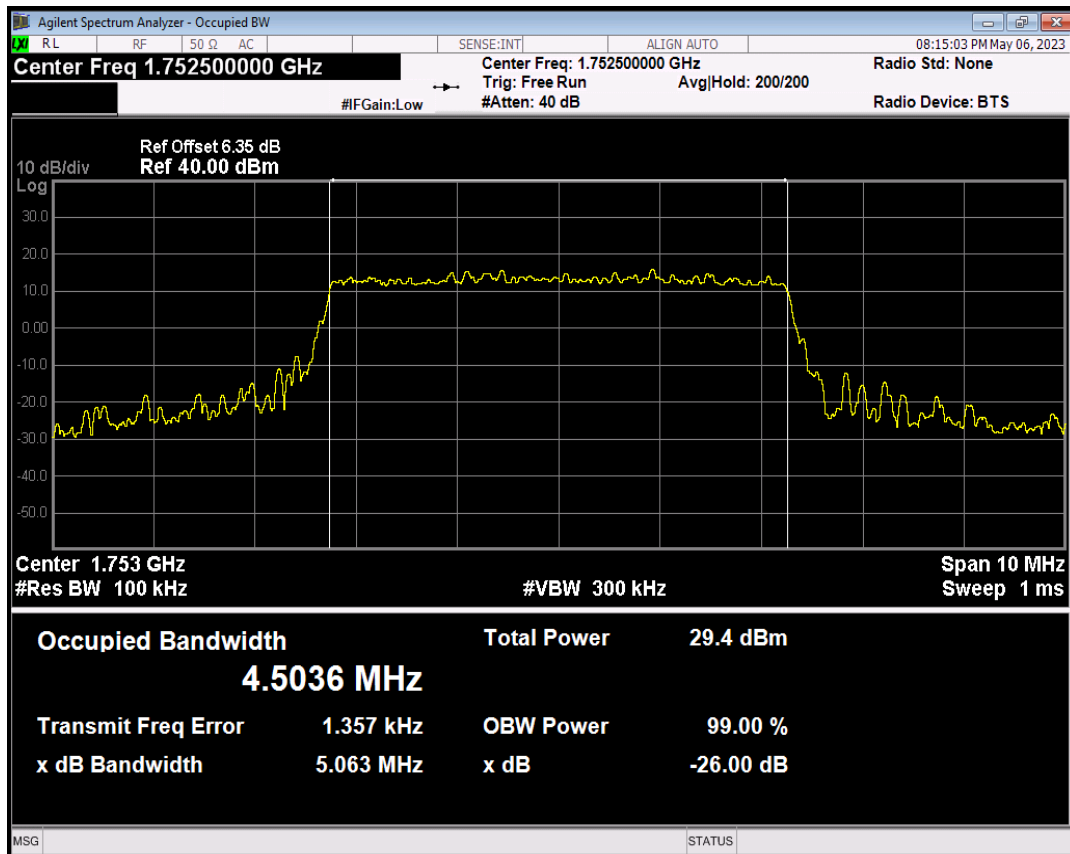
Band4 16QAM BW=5MHz Channel=19975 RB Size=25 Position=#0



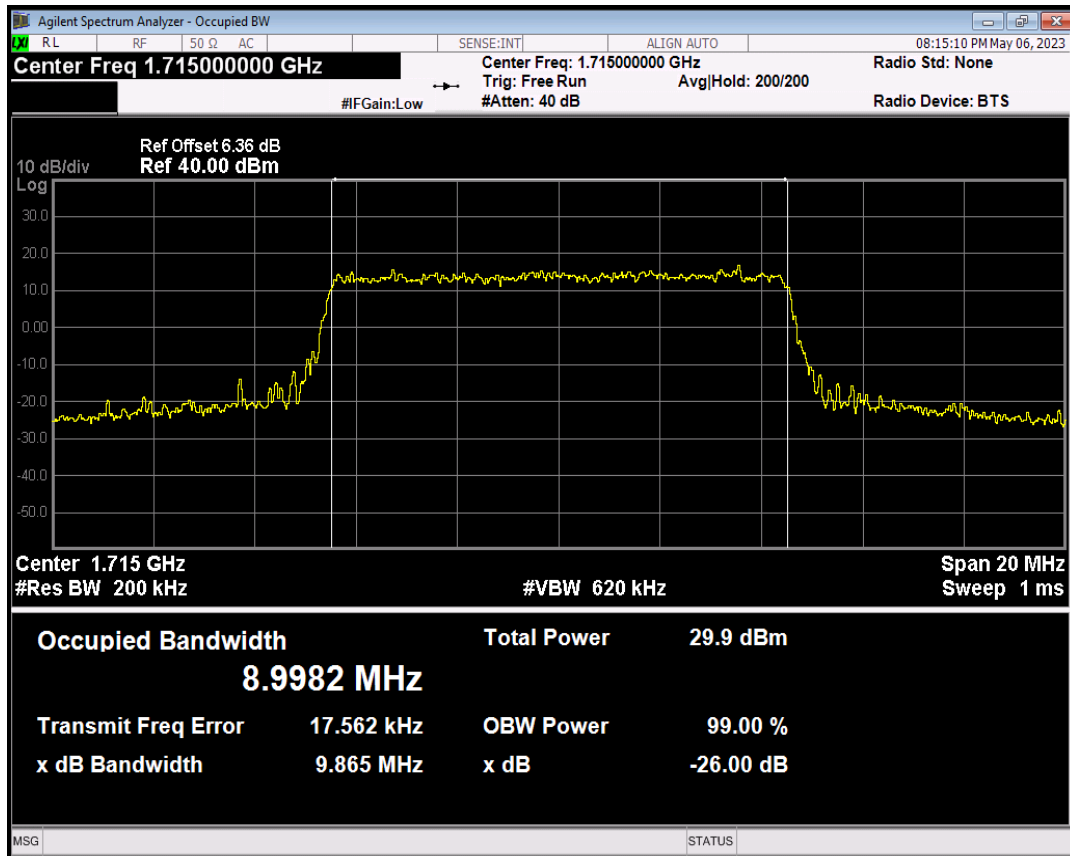
Band4 QPSK BW=5MHz Channel=20375 RB Size=25 Position=#0



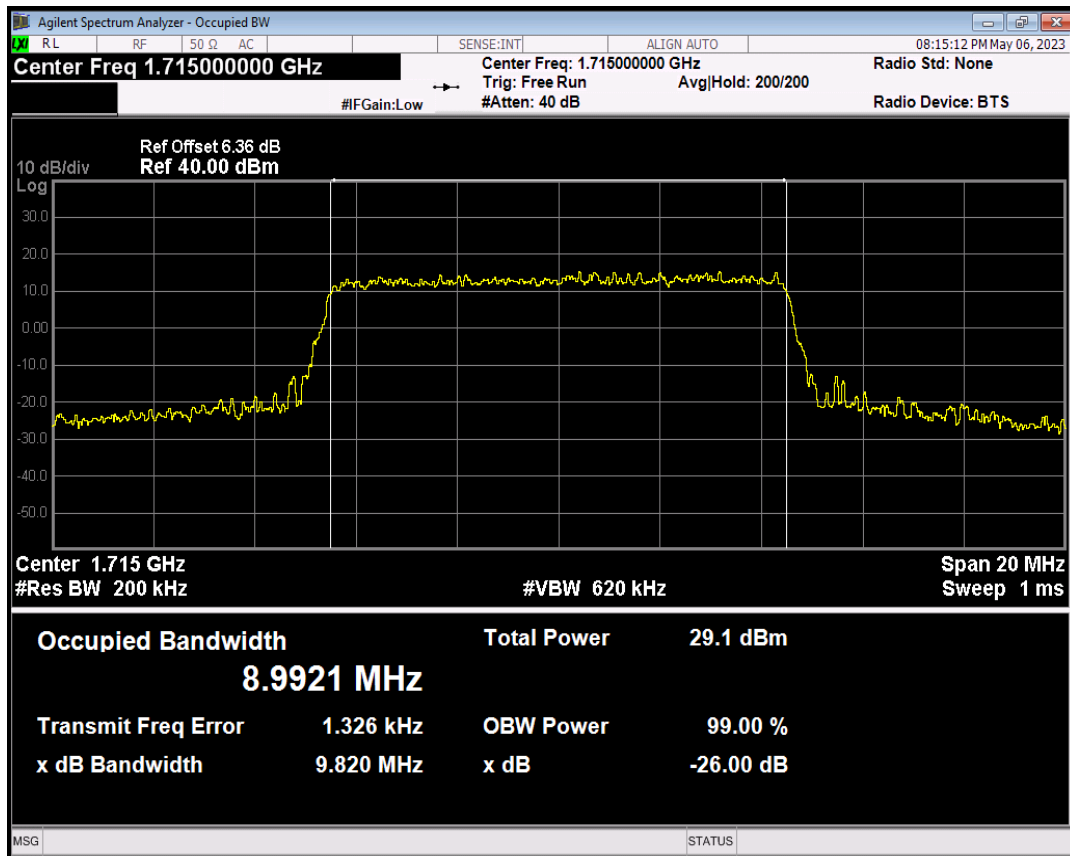
Band4 16QAM BW=5MHz Channel=20375 RB Size=25 Position=#0



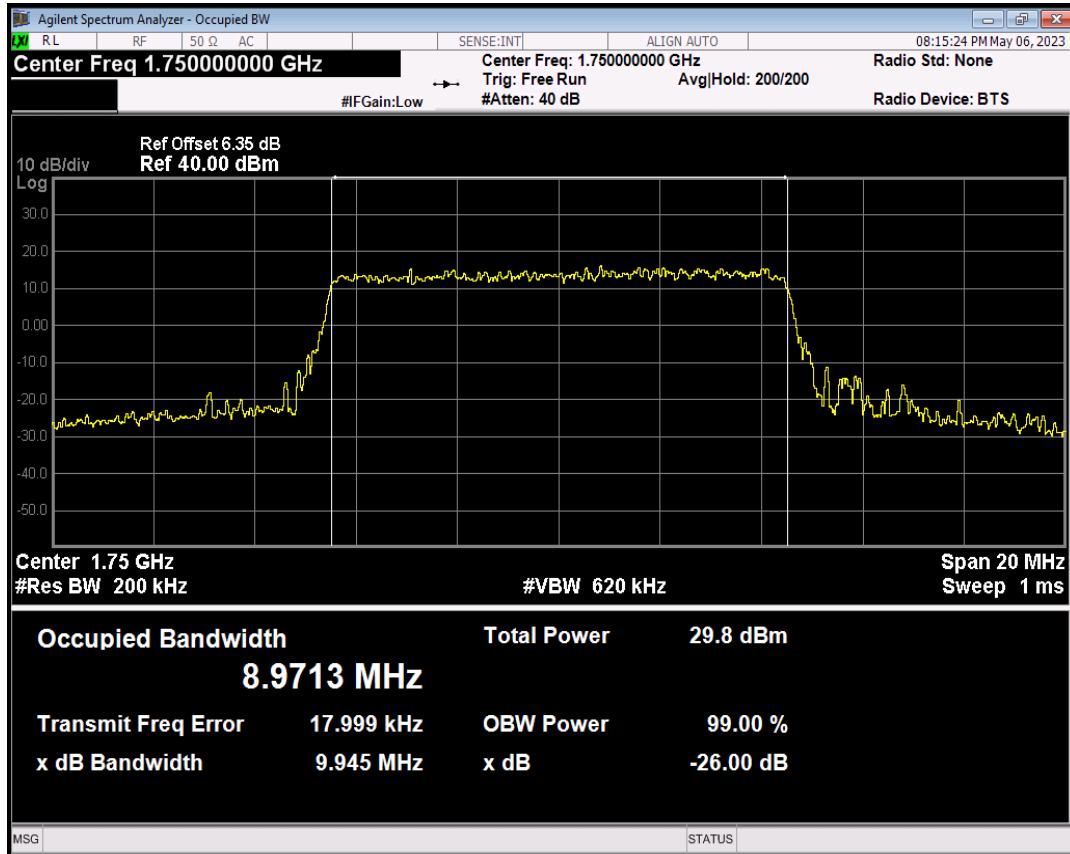
Band4 QPSK BW=10MHz Channel=20000 RB Size=50 Position=#0



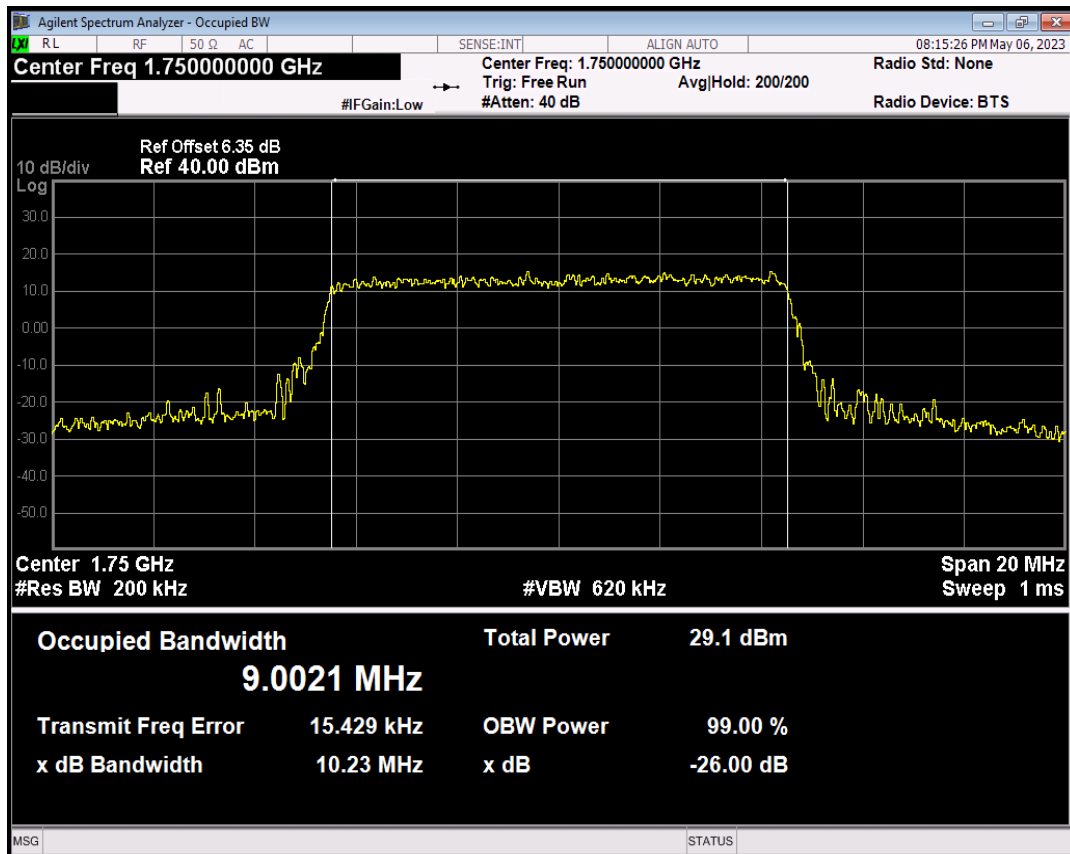
Band4 16QAM BW=10MHz Channel=20000 RB Size=50 Position=#0



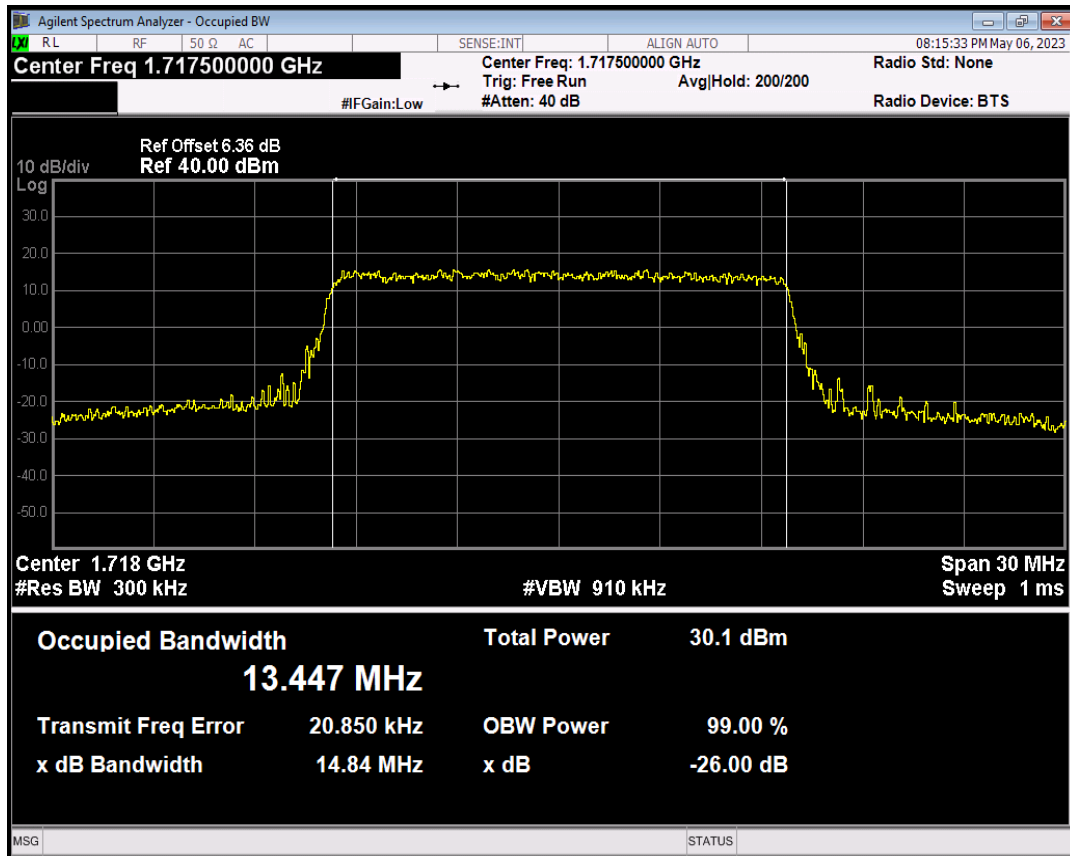
Band4 QPSK BW=10MHz Channel=20350 RB Size=50 Position=#0



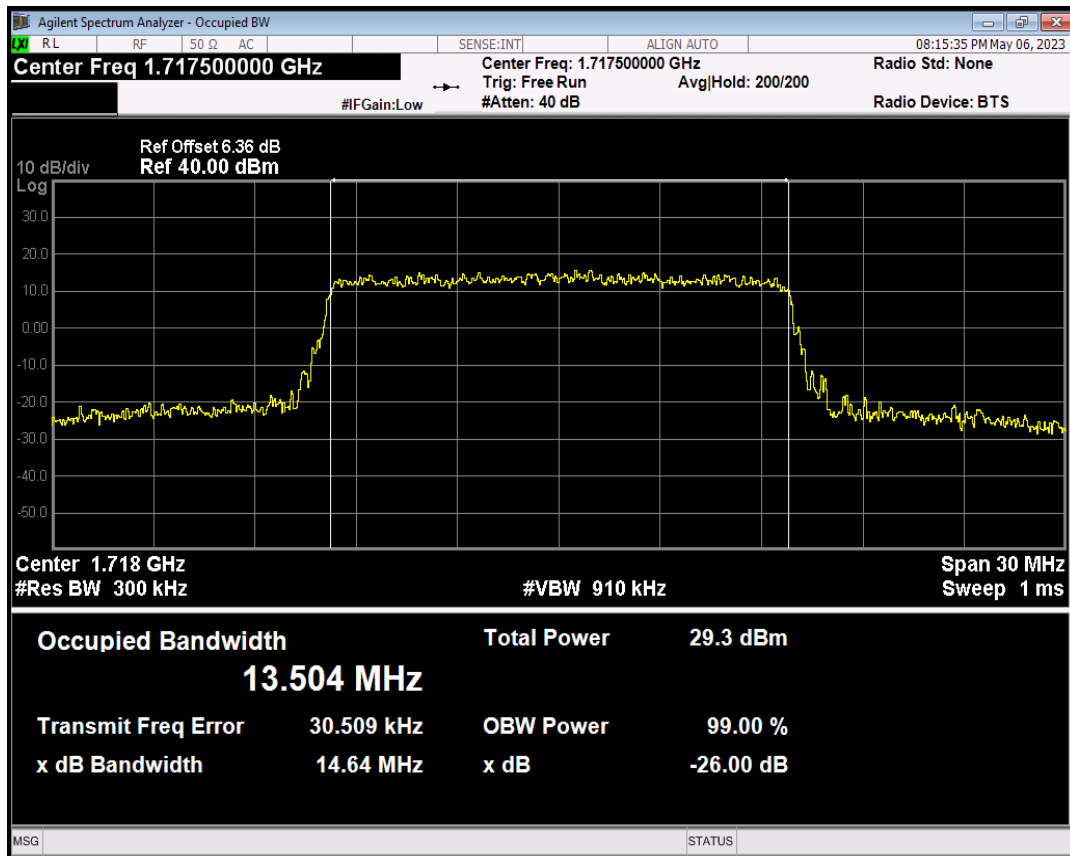
Band4 16QAM BW=10MHz Channel=20350 RB Size=50 Position=#0



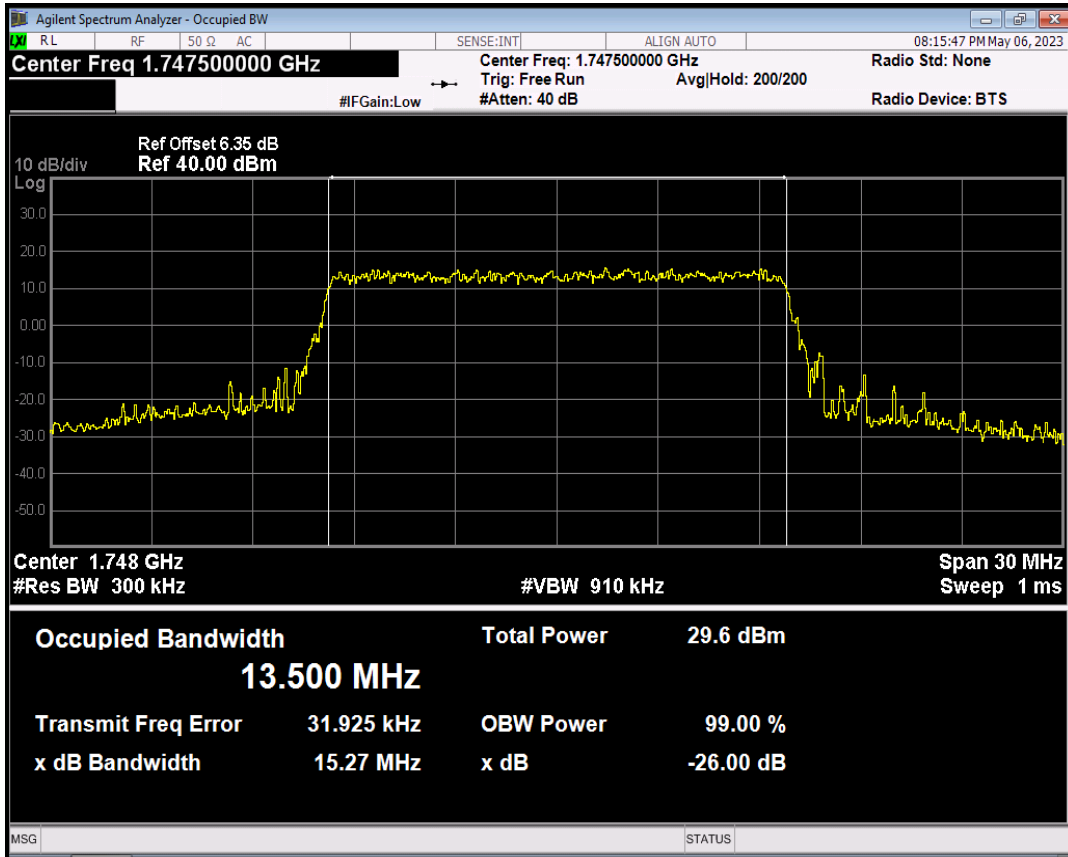
Band4 QPSK BW=15MHz Channel=20025 RB Size=75 Position=#0



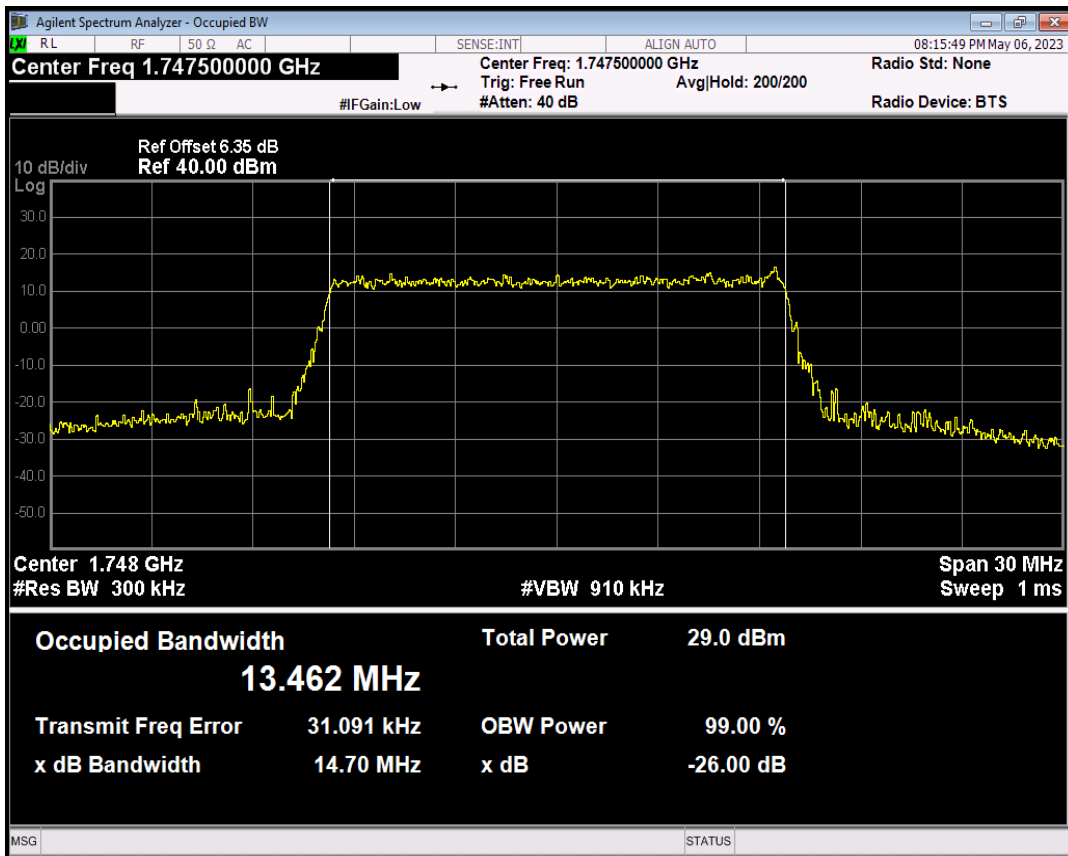
Band4 16QAM BW=15MHz Channel=20025 RB Size=75 Position=#0



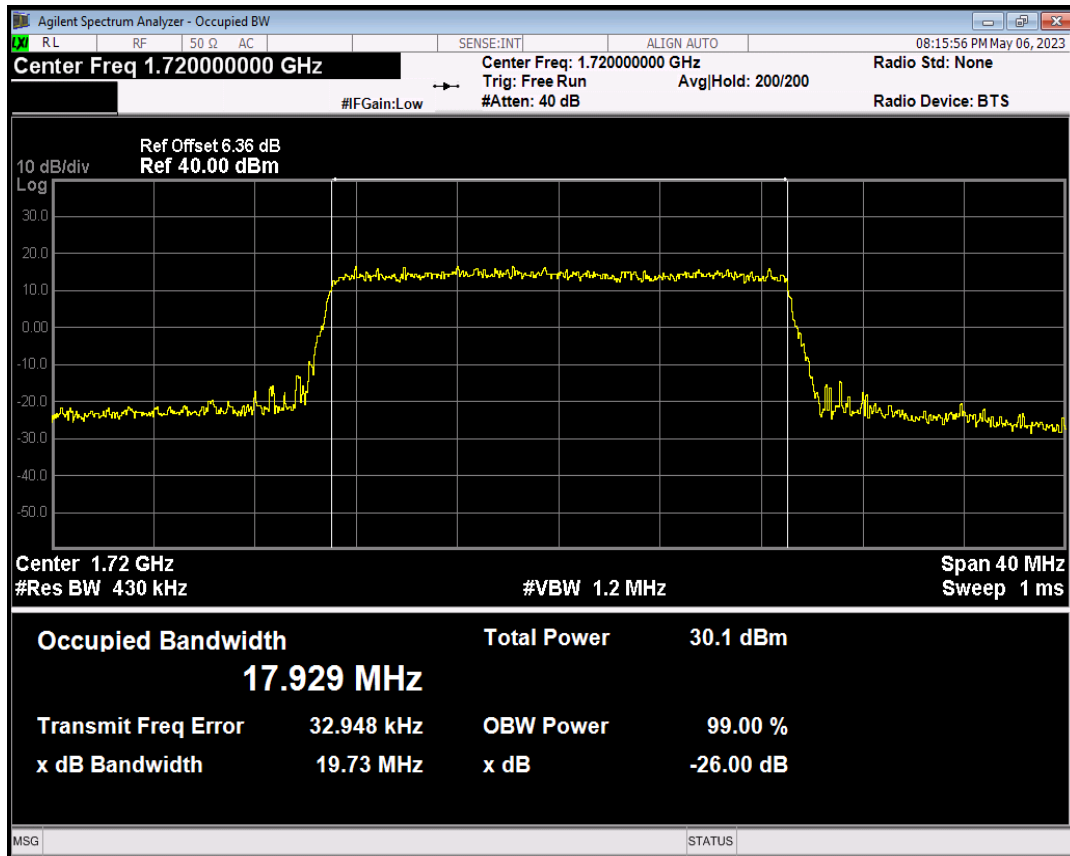
Band4 QPSK BW=15MHz Channel=20325 RB Size=75 Position=#0



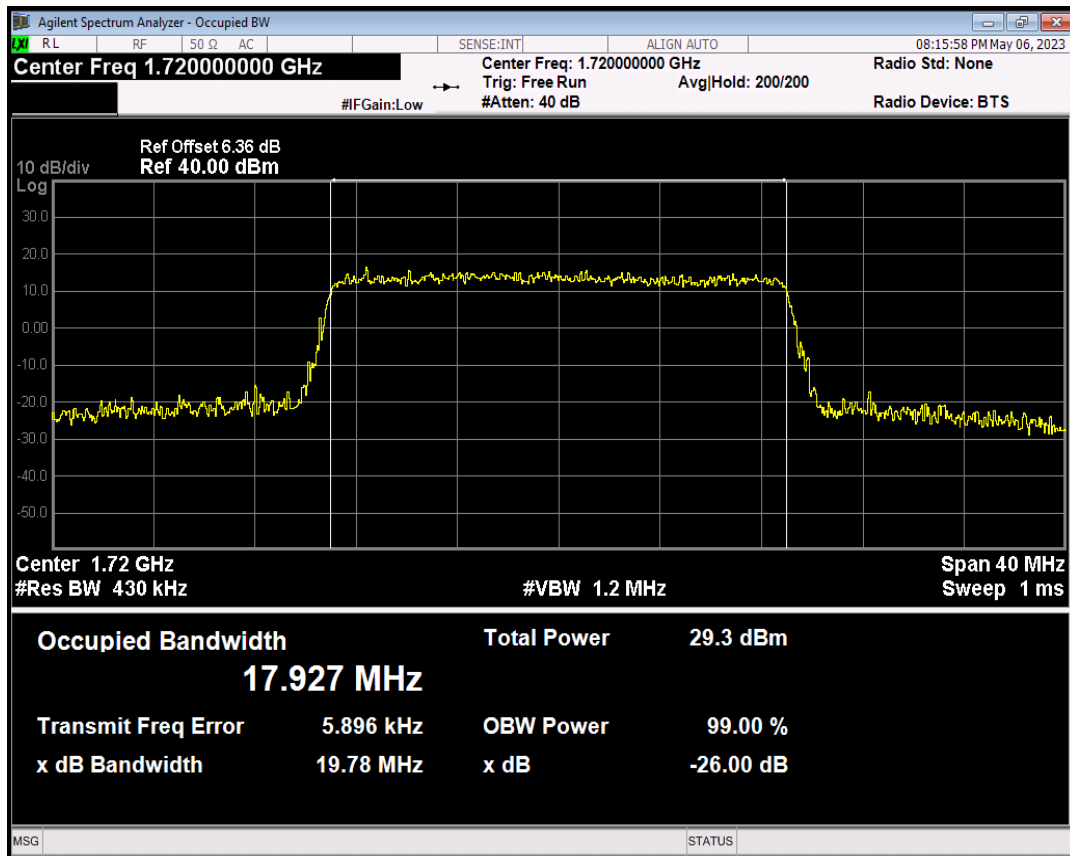
Band4 16QAM BW=15MHz Channel=20325 RB Size=75 Position=#0



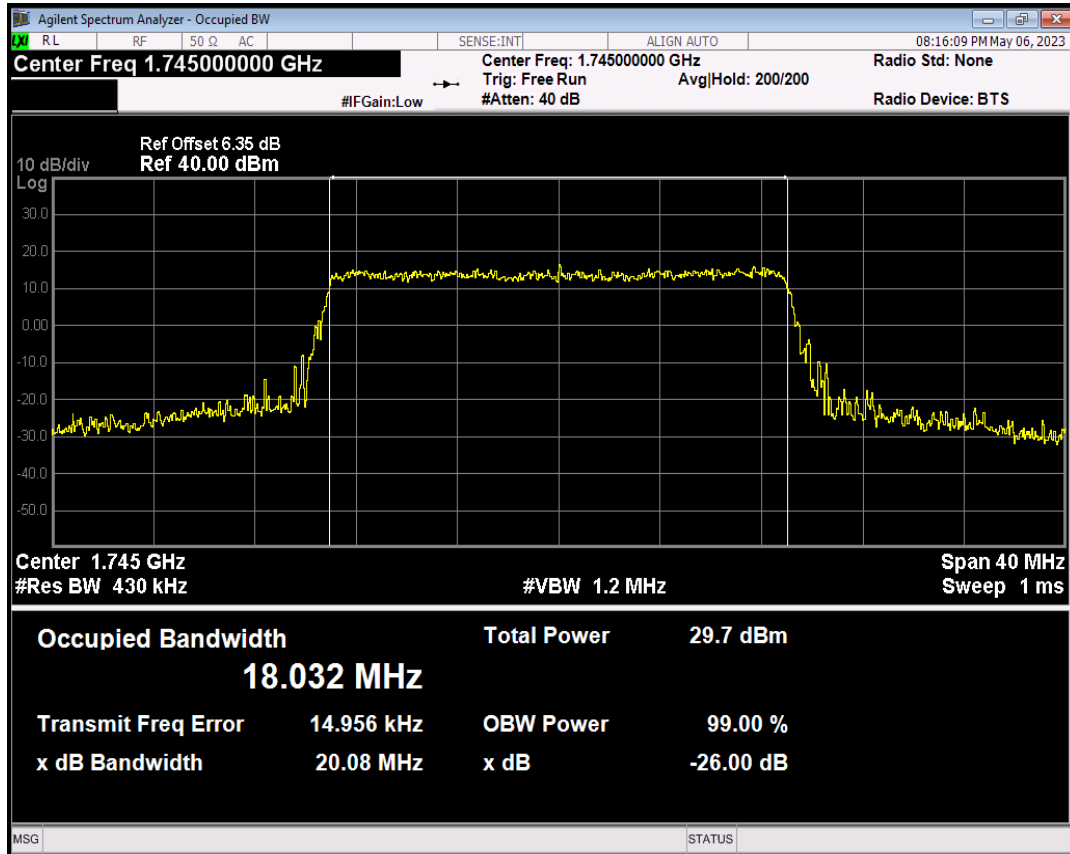
Band4 QPSK BW=20MHz Channel=20050 RB Size=100 Position=#0



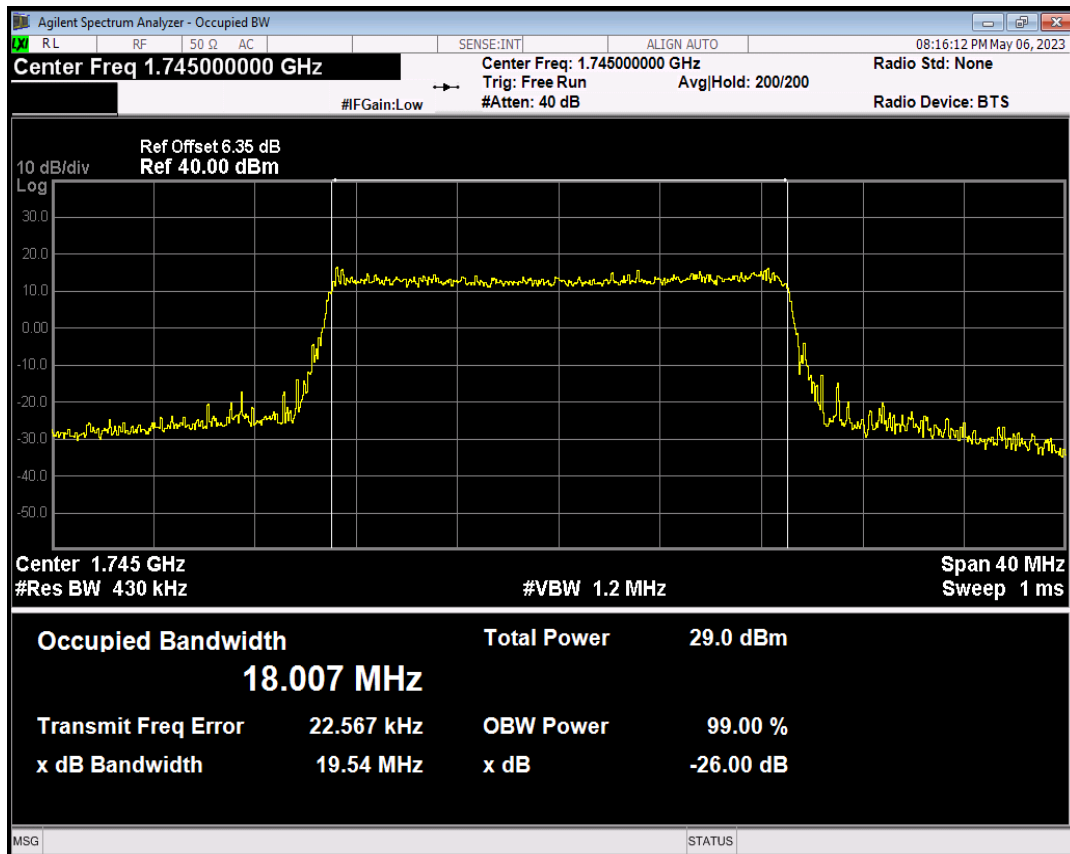
Band4 16QAM BW=20MHz Channel=20050 RB Size=100 Position=#0



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



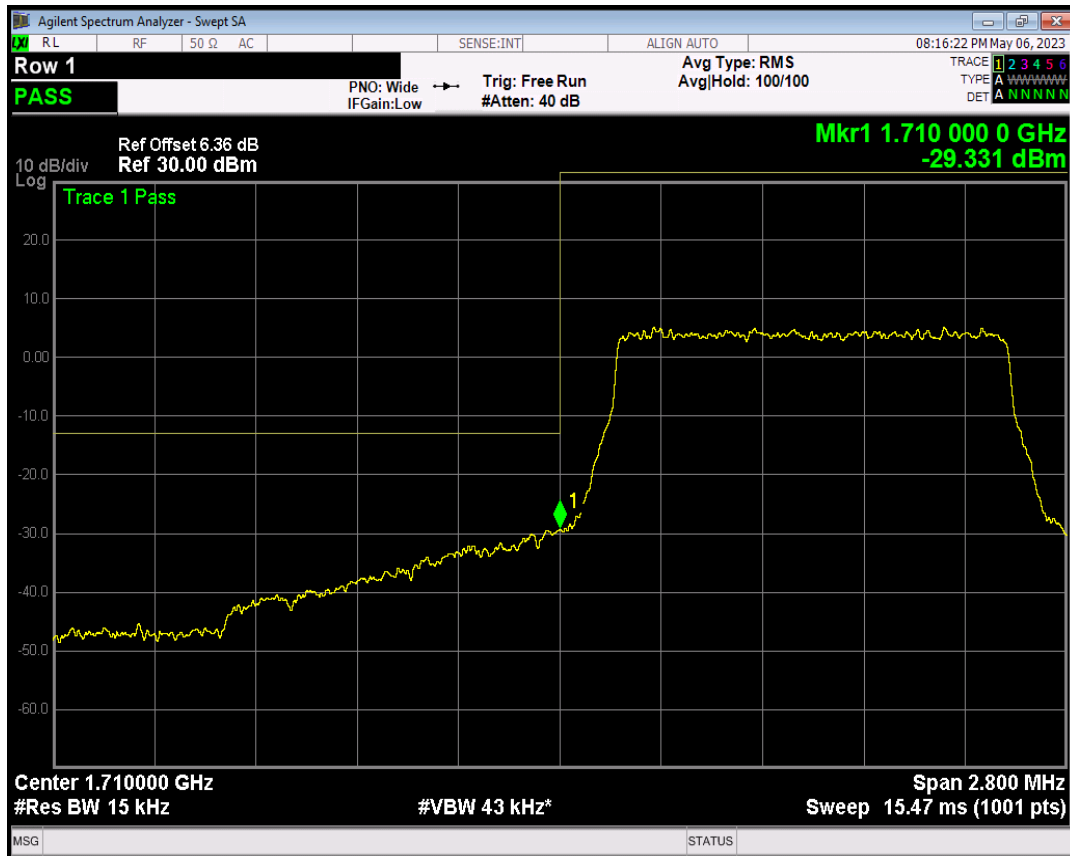
Band4 16QAM BW=20MHz Channel=20300 RB Size=100 Position=#0



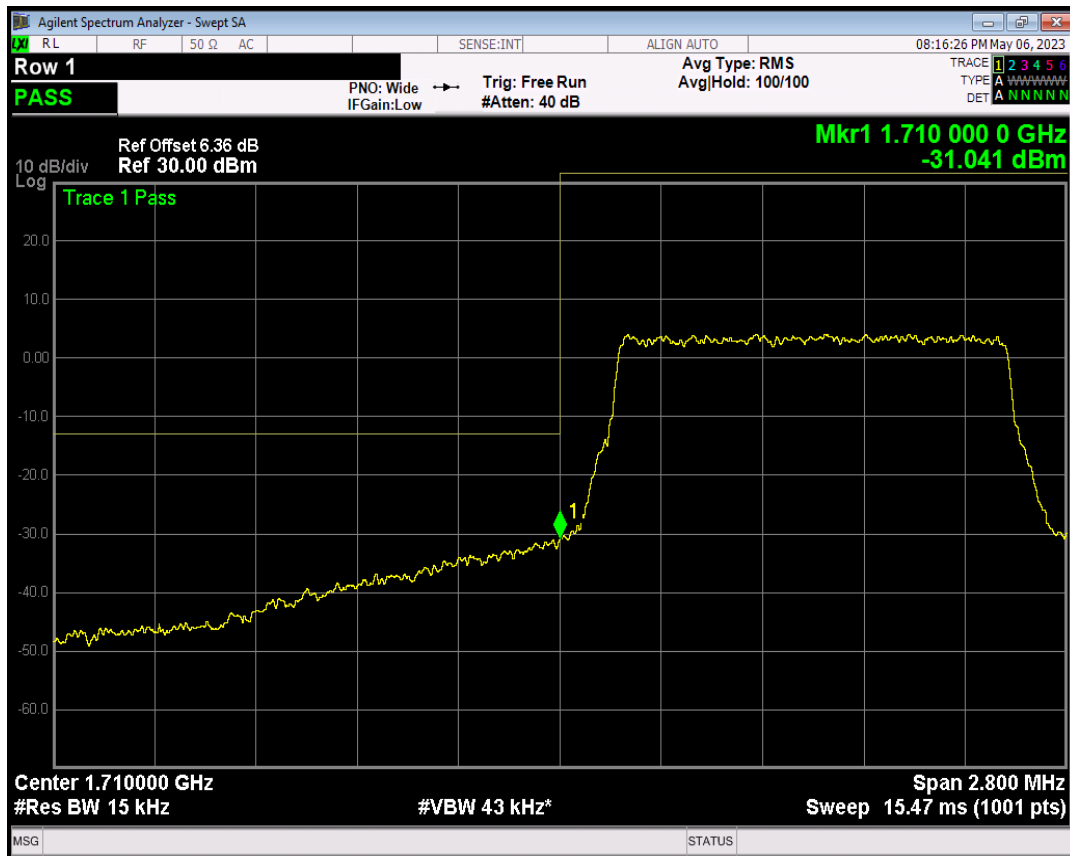
Appendix 5. Band edge

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	-29.33	-13	PASS
Band4	1.4	19957	6	#0	16QAM	1710.00	-31.04	-13	PASS
Band4	1.4	20393	6	#0	QPSK	1755.04	-32.88	-13	PASS
Band4	1.4	20393	6	#0	16QAM	1755.00	-32.45	-13	PASS
Band4	3	19965	15	#0	QPSK	1710.00	-23.75	-13	PASS
Band4	3	19965	15	#0	16QAM	1710.00	-25.11	-13	PASS
Band4	3	20385	15	#0	QPSK	1755.00	-26.90	-13	PASS
Band4	3	20385	15	#0	16QAM	1755.00	-24.90	-13	PASS
Band4	5	19975	25	#0	QPSK	1709.99	-26.78	-13	PASS
Band4	5	19975	25	#0	16QAM	1709.99	-28.84	-13	PASS
Band4	5	20375	25	#0	QPSK	1755.00	-27.81	-13	PASS
Band4	5	20375	25	#0	16QAM	1755.03	-29.75	-13	PASS
Band4	10	20000	50	#0	QPSK	1709.72	-30.40	-13	PASS
Band4	10	20000	50	#0	16QAM	1710.00	-30.72	-13	PASS
Band4	10	20350	50	#0	QPSK	1755.02	-31.85	-13	PASS
Band4	10	20350	50	#0	16QAM	1755.00	-33.72	-13	PASS
Band4	15	20025	75	#0	QPSK	1709.79	-30.05	-13	PASS
Band4	15	20025	75	#0	16QAM	1710.00	-31.99	-13	PASS
Band4	15	20325	75	#0	QPSK	1755.06	-31.23	-13	PASS
Band4	15	20325	75	#0	16QAM	1755.00	-35.20	-13	PASS
Band4	20	20050	100	#0	QPSK	1709.96	-30.76	-13	PASS
Band4	20	20050	100	#0	16QAM	1709.16	-33.97	-13	PASS
Band4	20	20300	100	#0	QPSK	1755.16	-35.21	-13	PASS
Band4	20	20300	100	#0	16QAM	1755.00	-35.77	-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



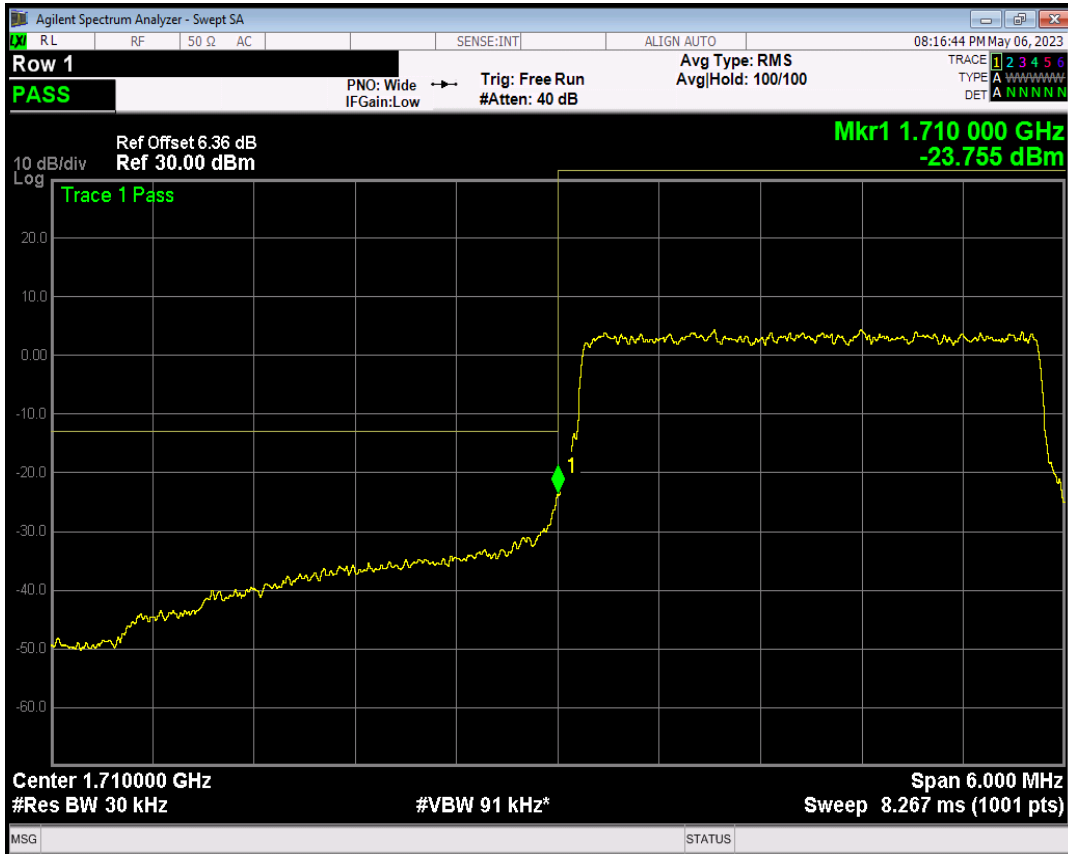
Band4 QPSK BW=1.4MHz Channel=20393 RB Size=6 Position=#0



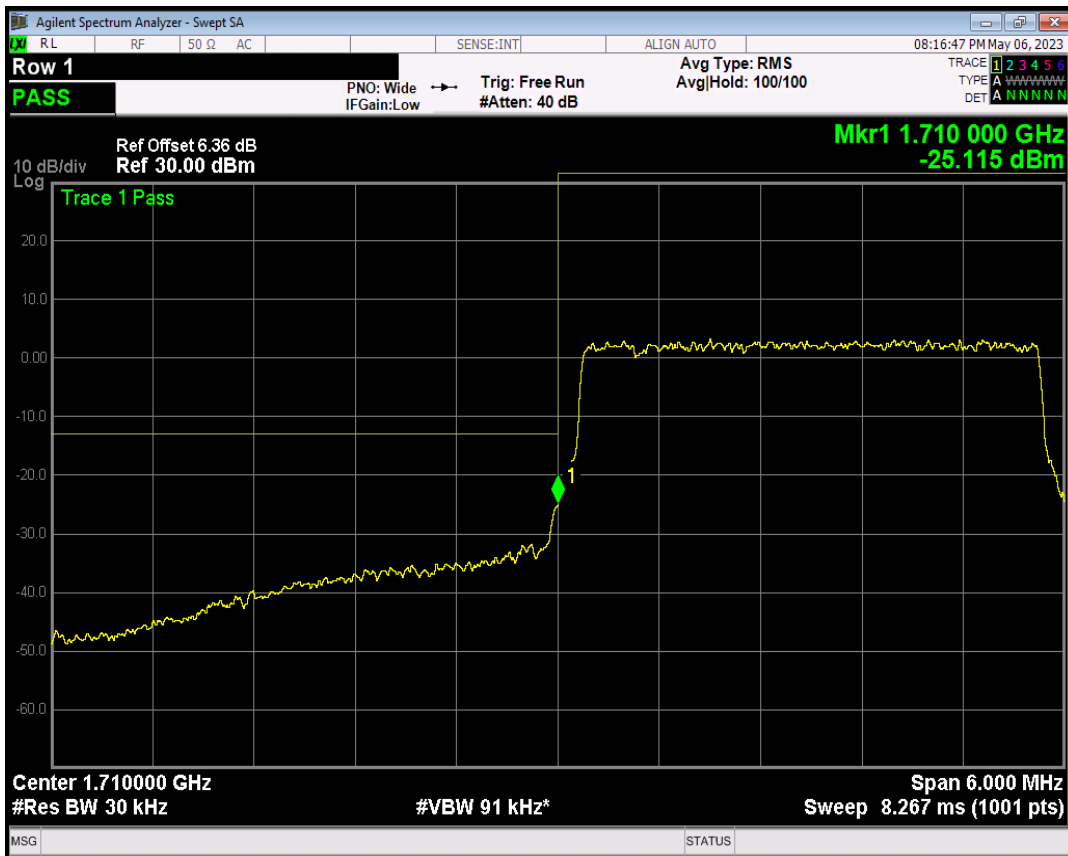
Band4 16QAM BW=1.4MHz Channel=20393 RB Size=6 Position=#0



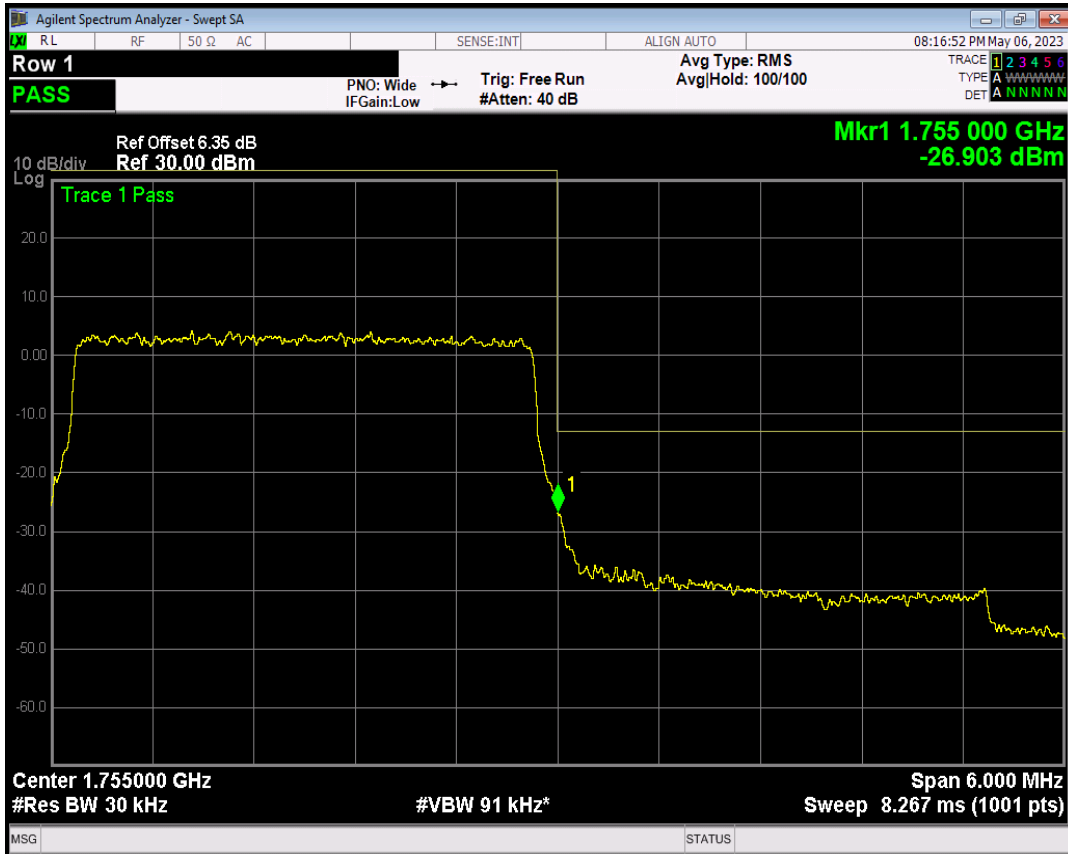
Band4 QPSK BW=3MHz Channel=19965 RB Size=15 Position=#0



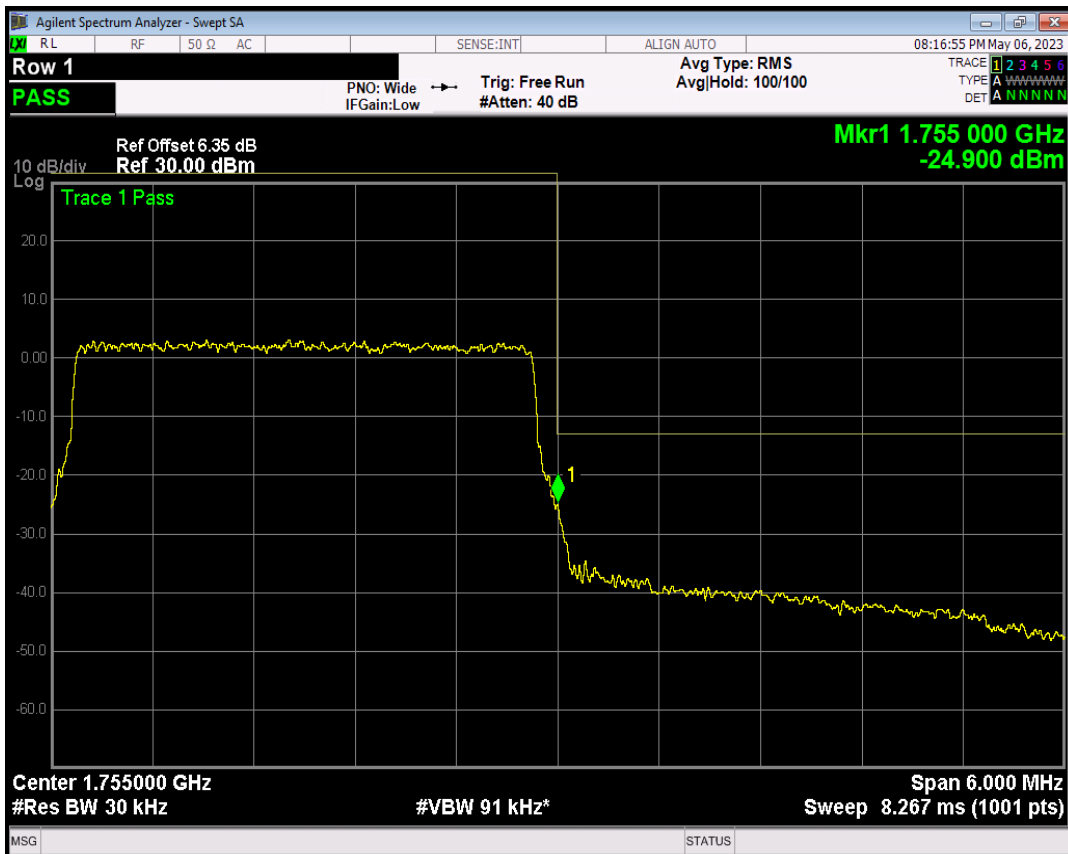
Band4 16QAM BW=3MHz Channel=19965 RB Size=15 Position=#0



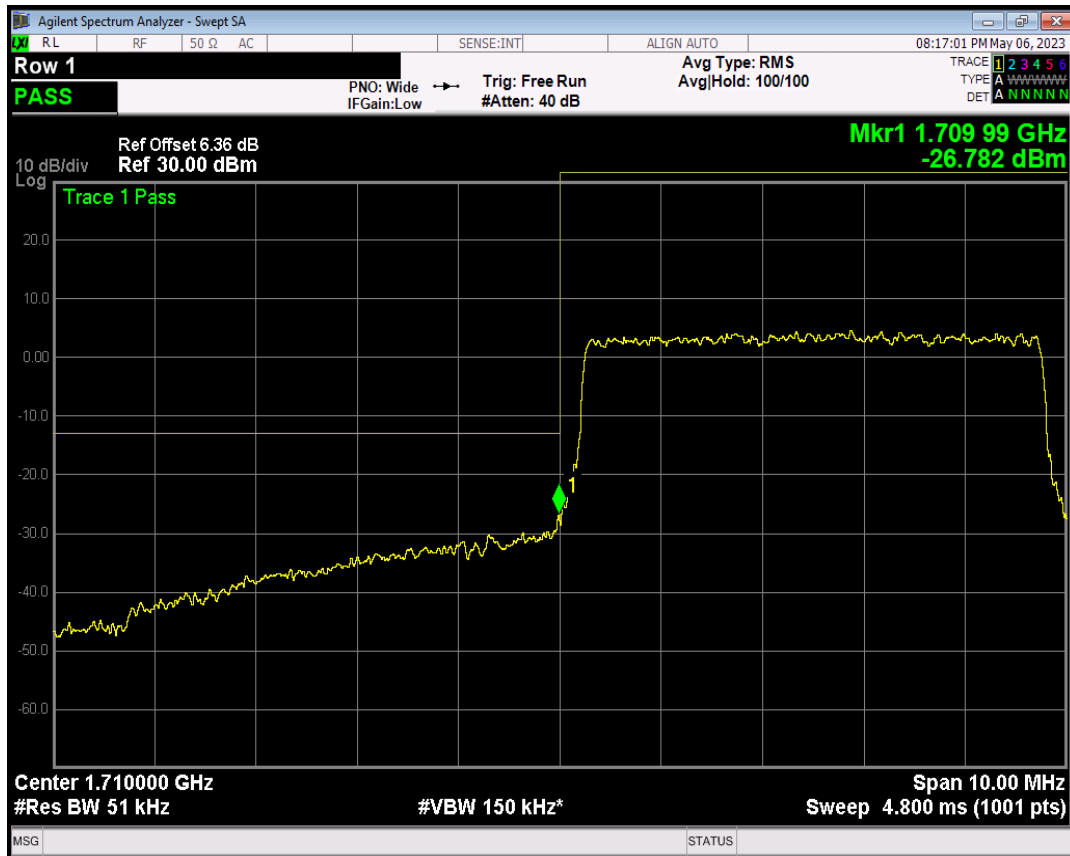
Band4 QPSK BW=3MHz Channel=20385 RB Size=15 Position=#0



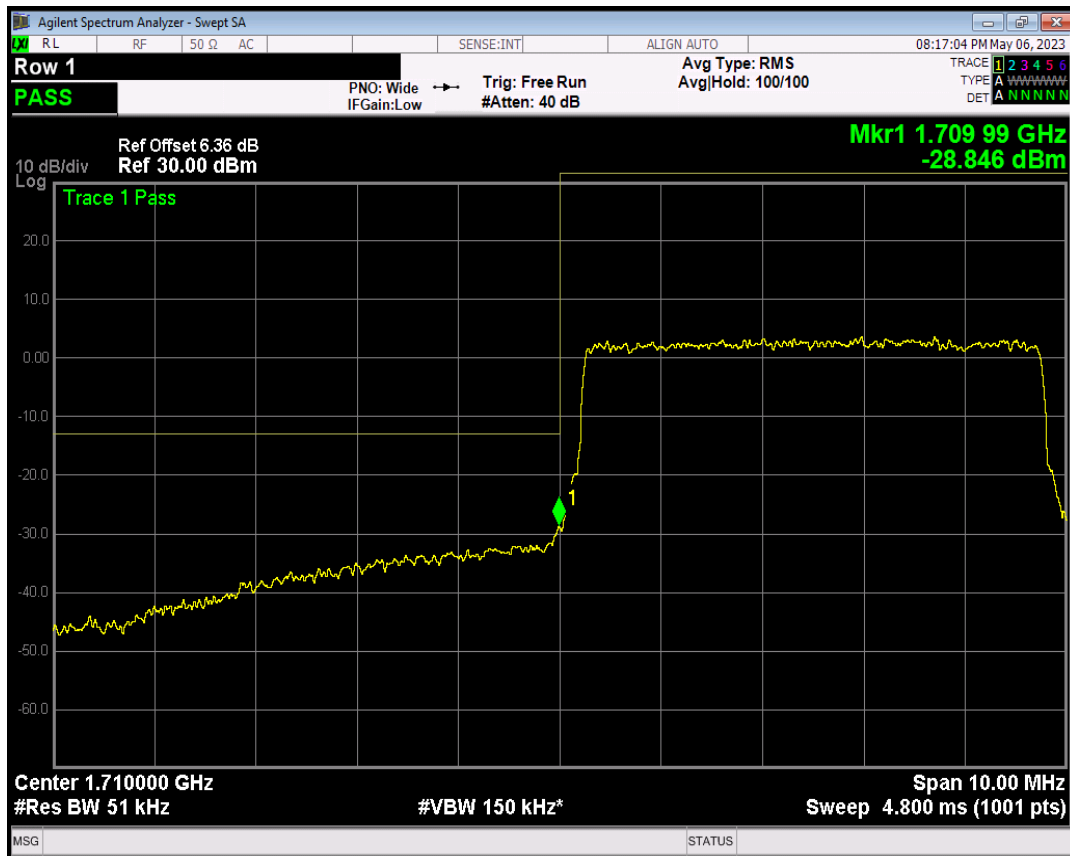
Band4 16QAM BW=3MHz Channel=20385 RB Size=15 Position=#0



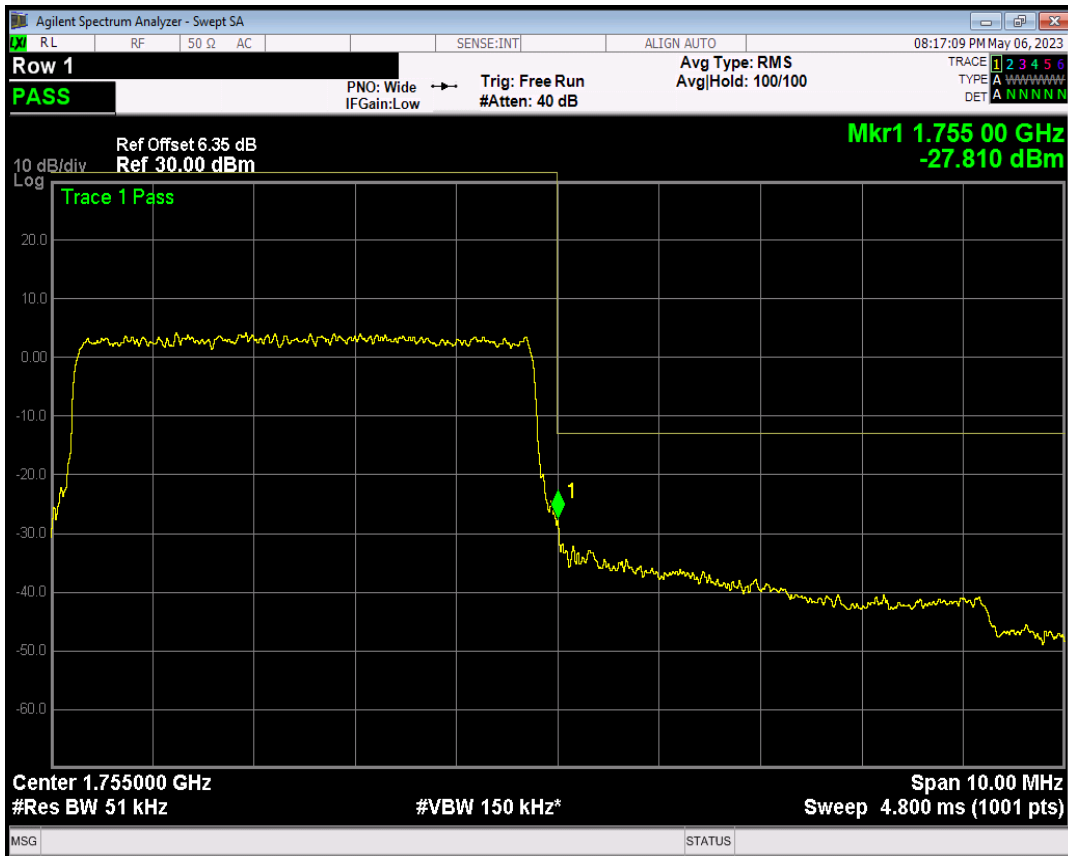
Band4 QPSK BW=5MHz Channel=19975 RB Size=25 Position=#0



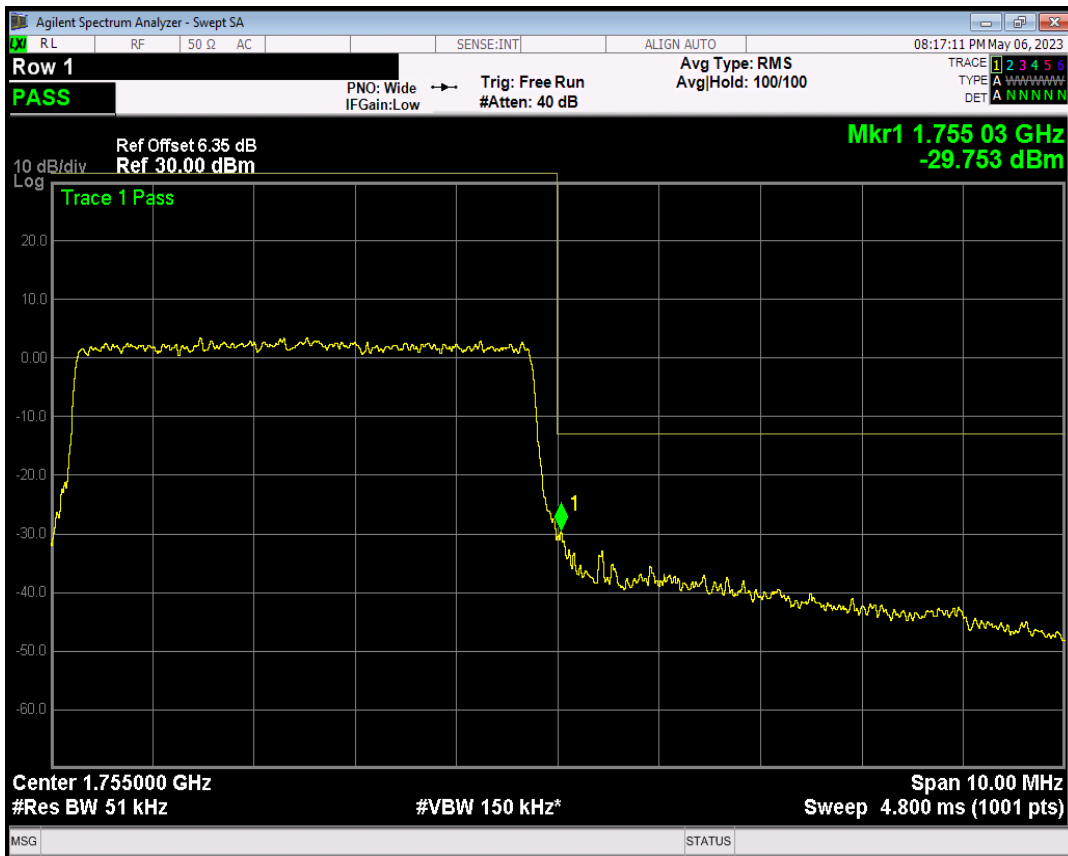
Band4 16QAM BW=5MHz Channel=19975 RB Size=25 Position=#0



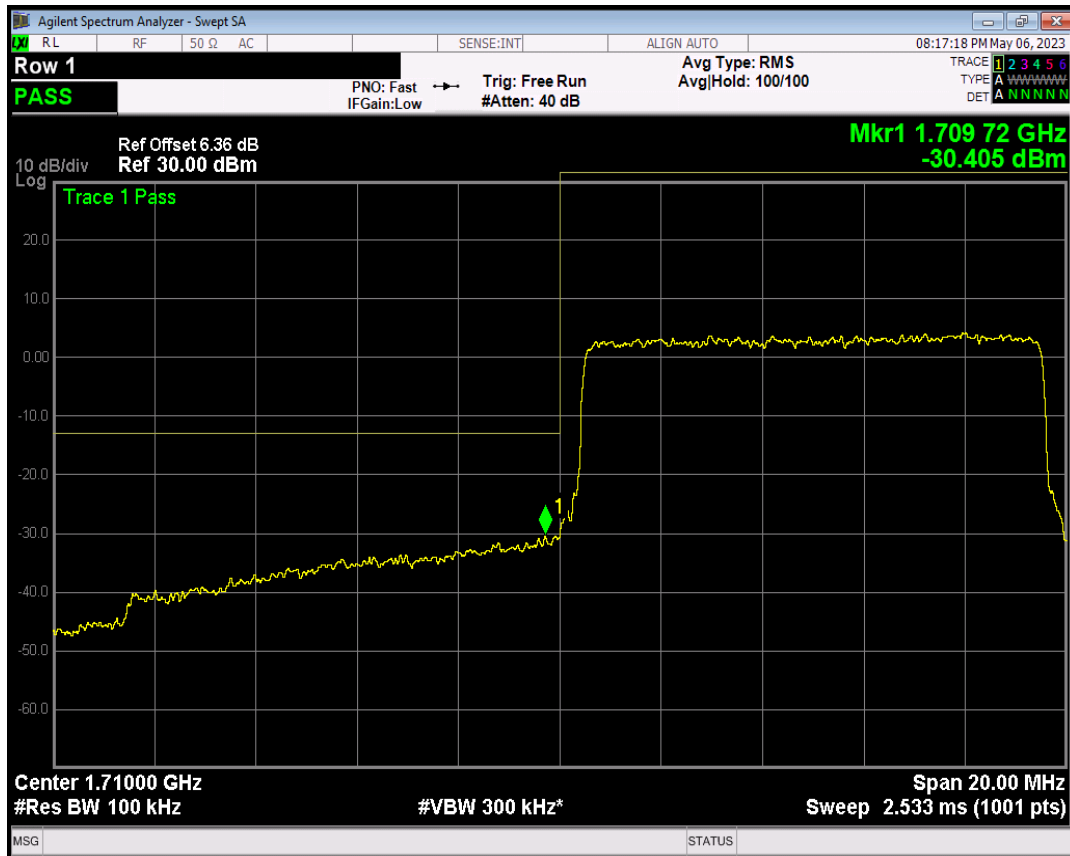
Band4 QPSK BW=5MHz Channel=20375 RB Size=25 Position=#0



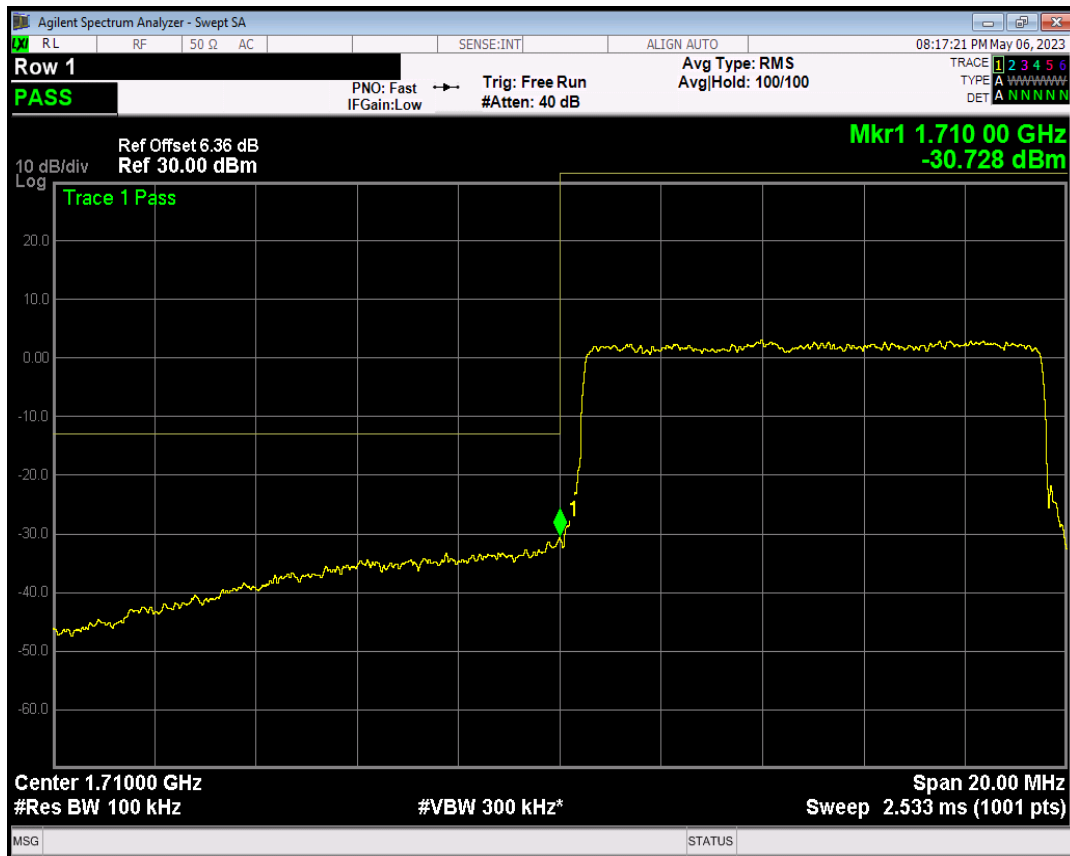
Band4 16QAM BW=5MHz Channel=20375 RB Size=25 Position=#0



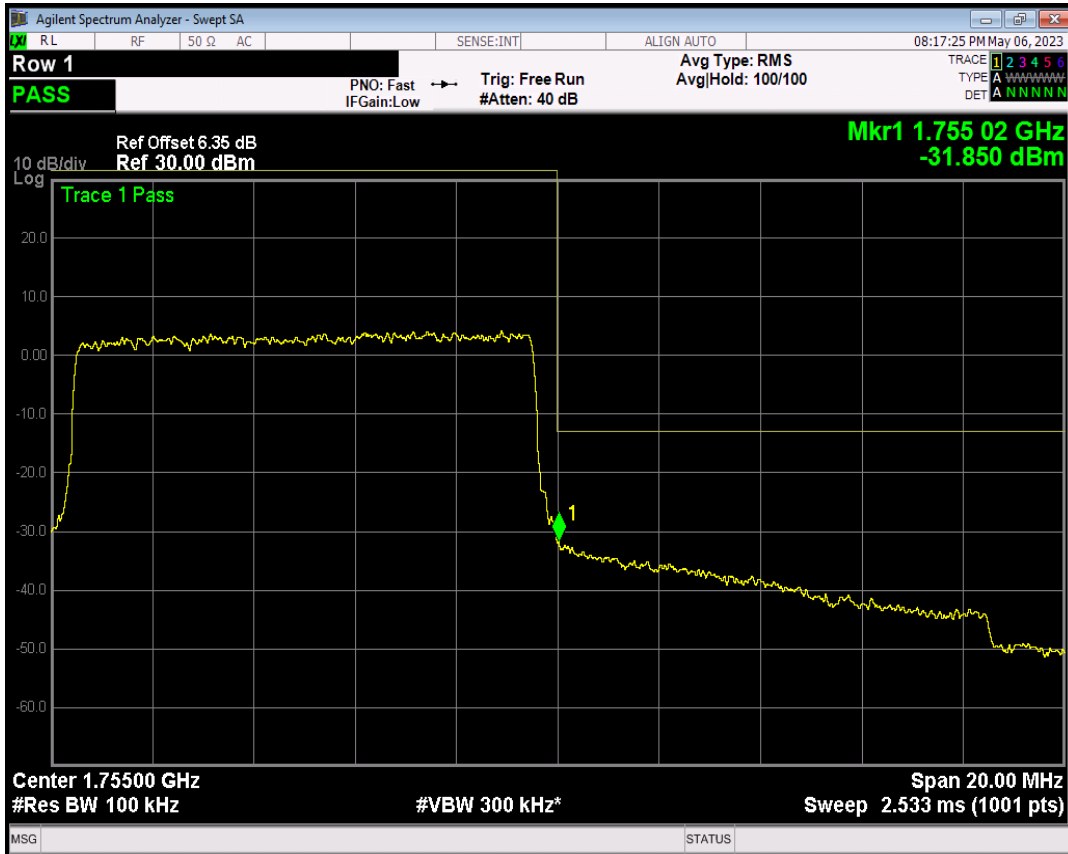
Band4 QPSK BW=10MHz Channel=20000 RB Size=50 Position=#0



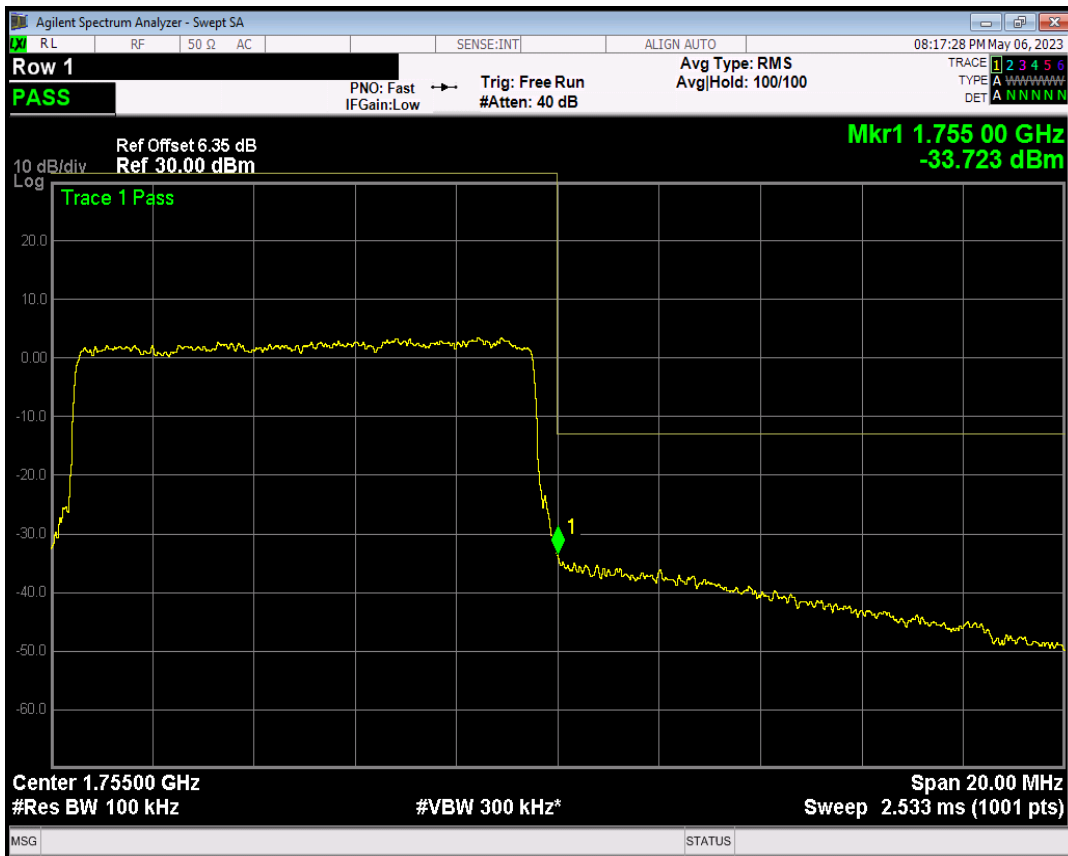
Band4 16QAM BW=10MHz Channel=20000 RB Size=50 Position=#0



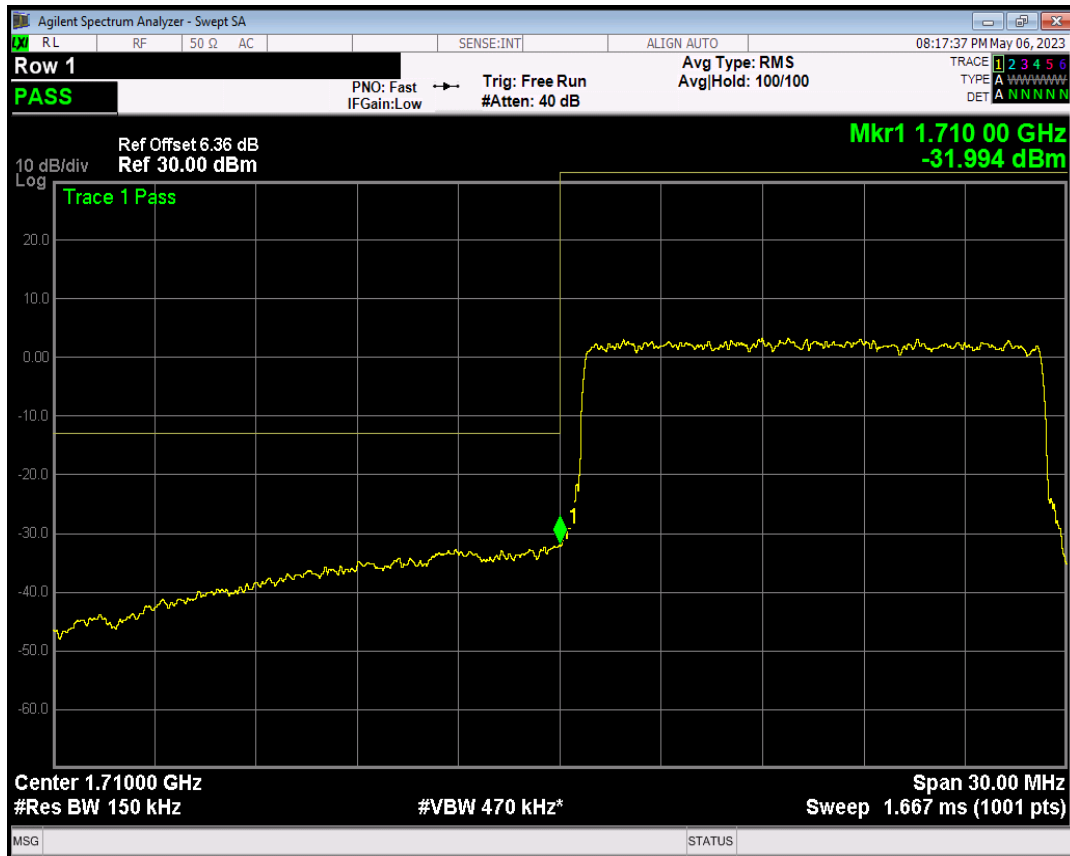
Band4 QPSK BW=10MHz Channel=20350 RB Size=50 Position=#0



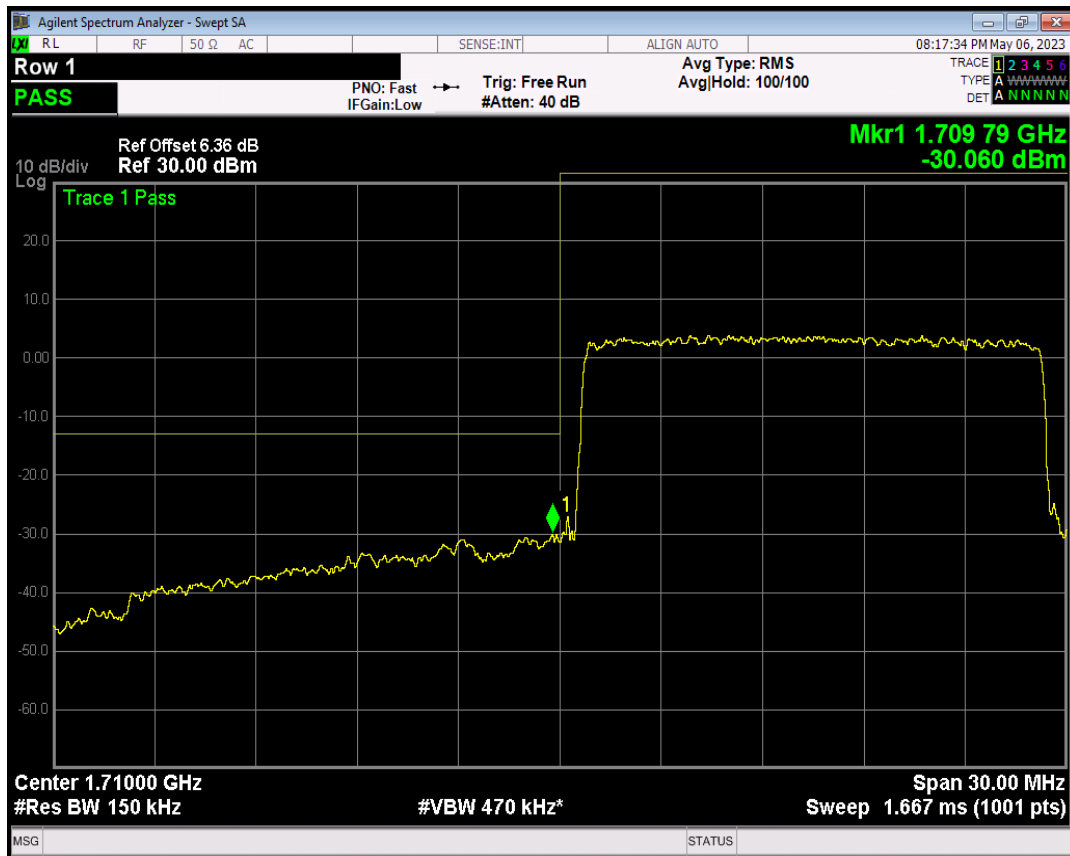
Band4 16QAM BW=10MHz Channel=20350 RB Size=50 Position=#0



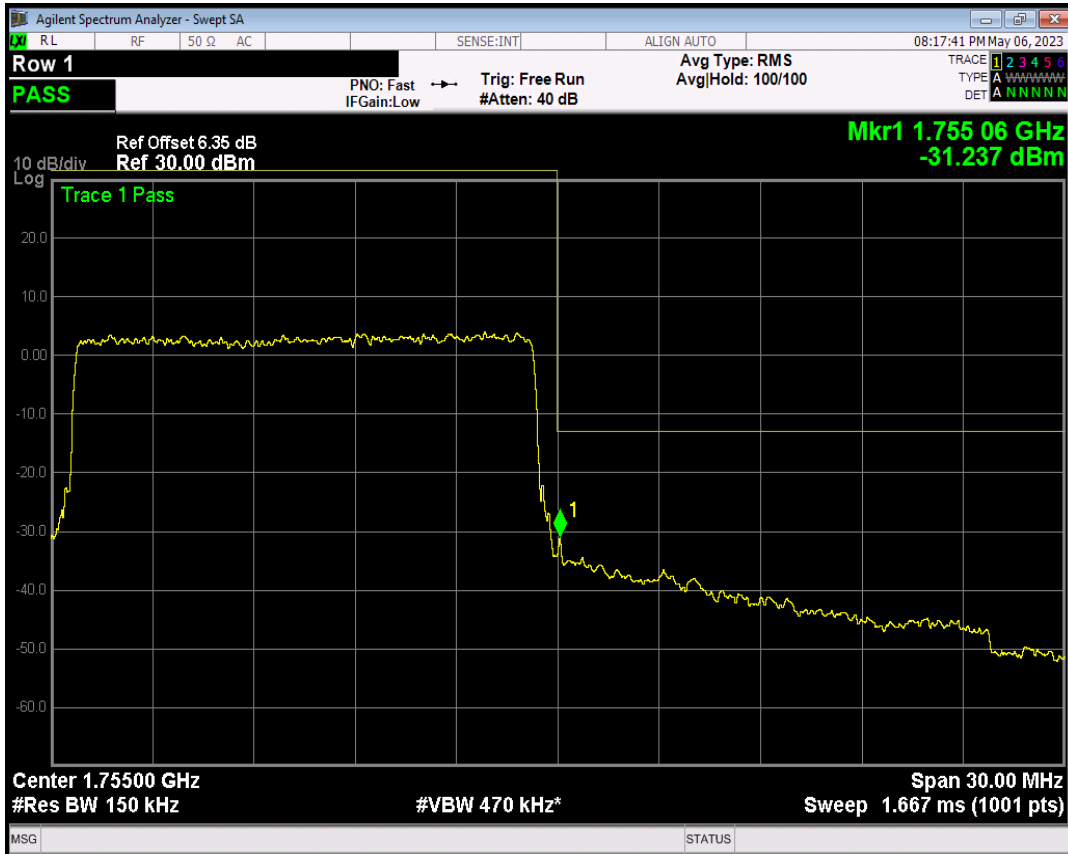
Band4 16QAM BW=15MHz Channel=20025 RB Size=75 Position=#0



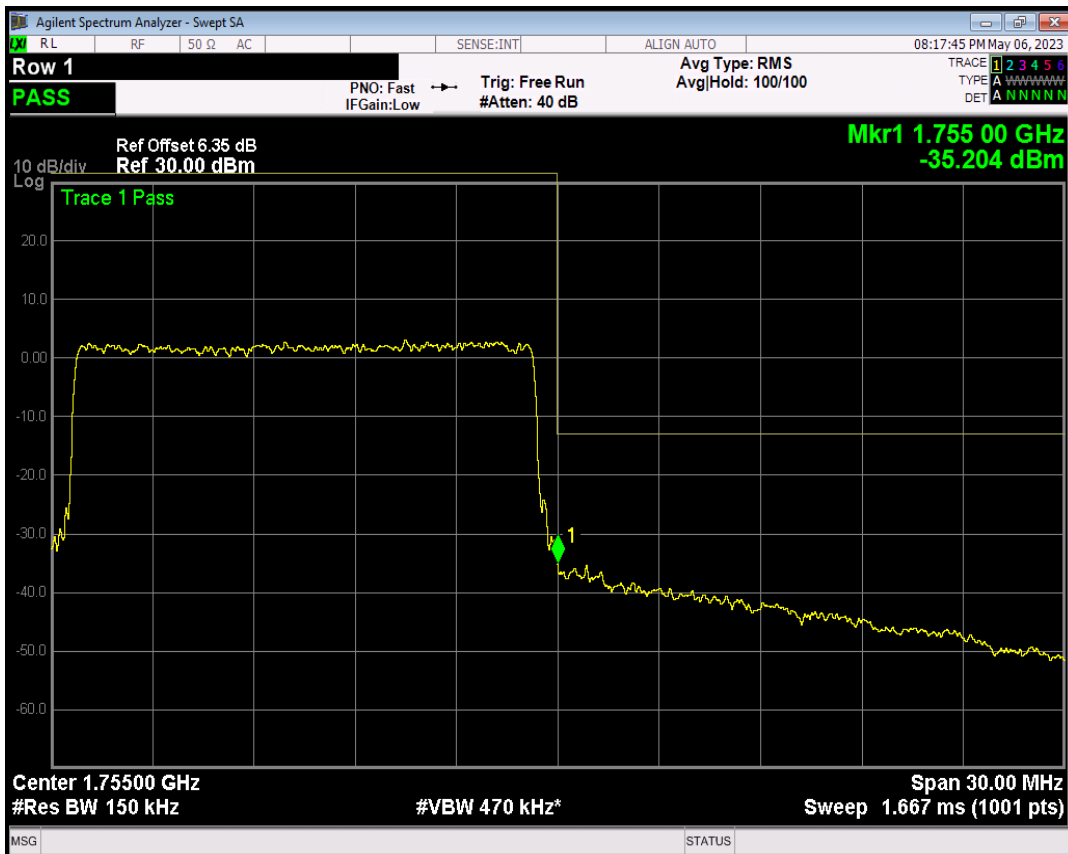
Band4 QPSK BW=15MHz Channel=20025 RB Size=75 Position=#0



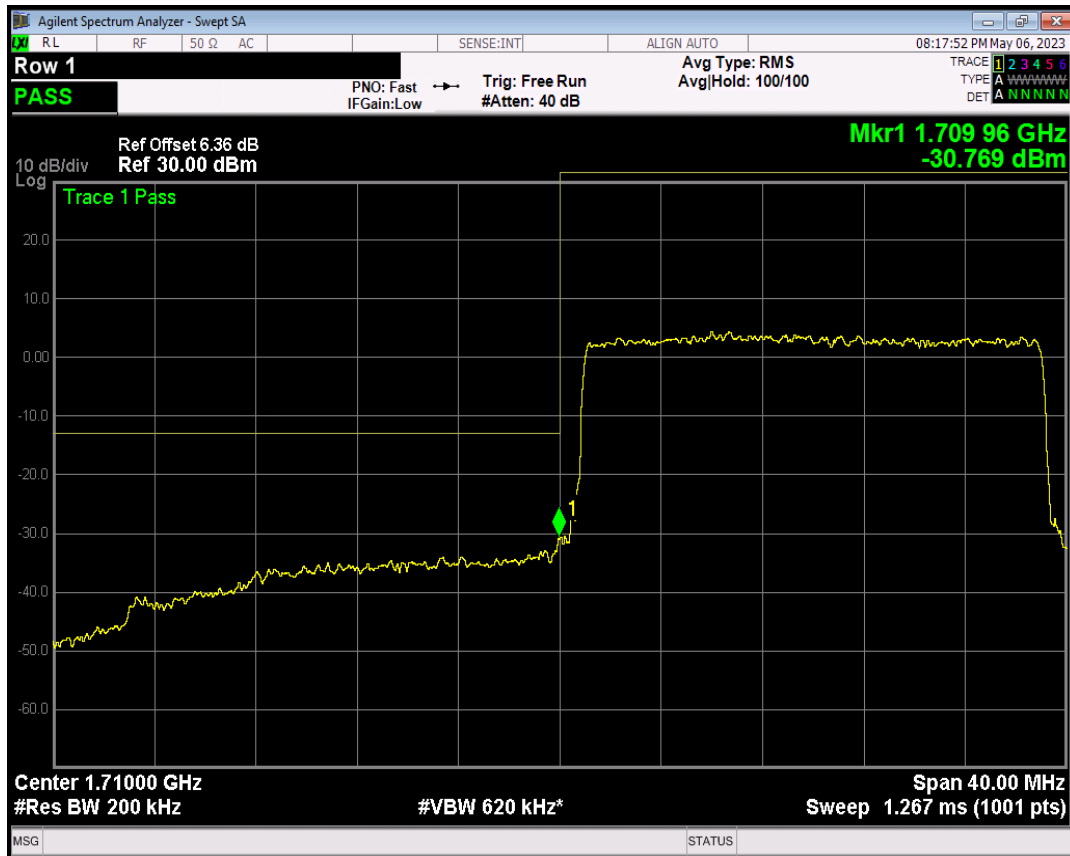
Band4 QPSK BW=15MHz Channel=20325 RB Size=75 Position=#0



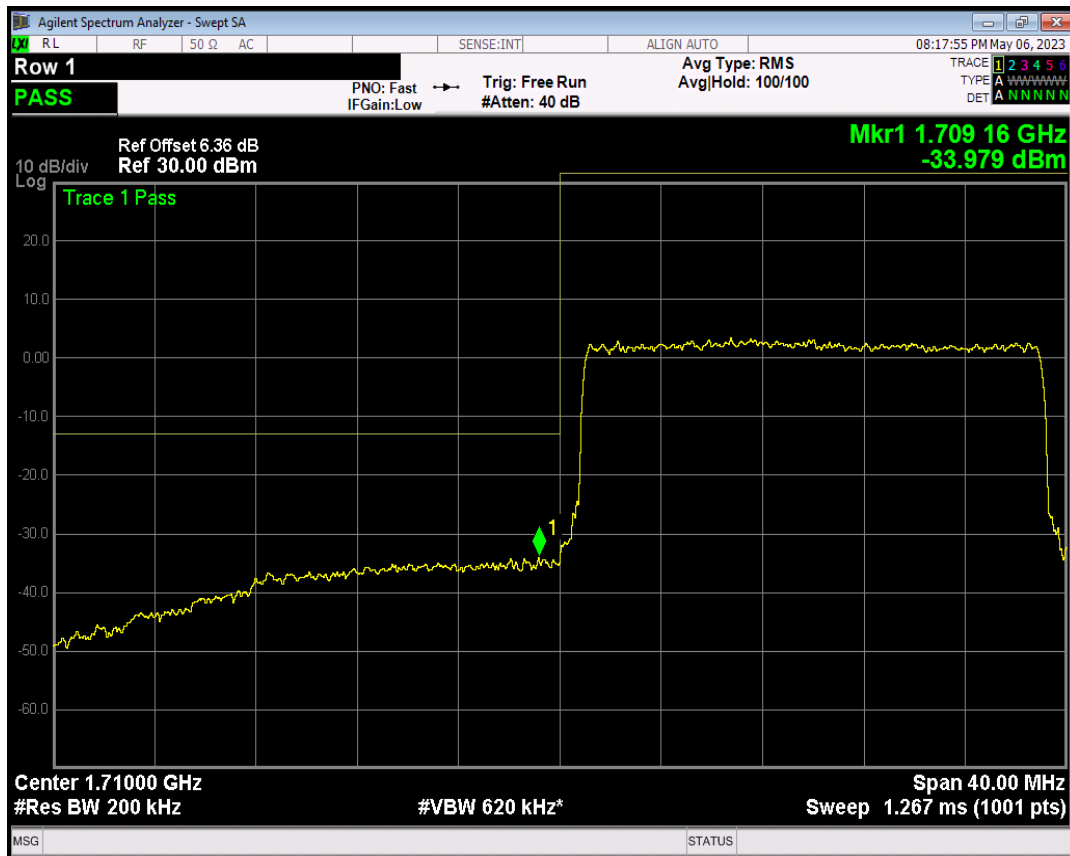
Band4 16QAM BW=15MHz Channel=20325 RB Size=75 Position=#0



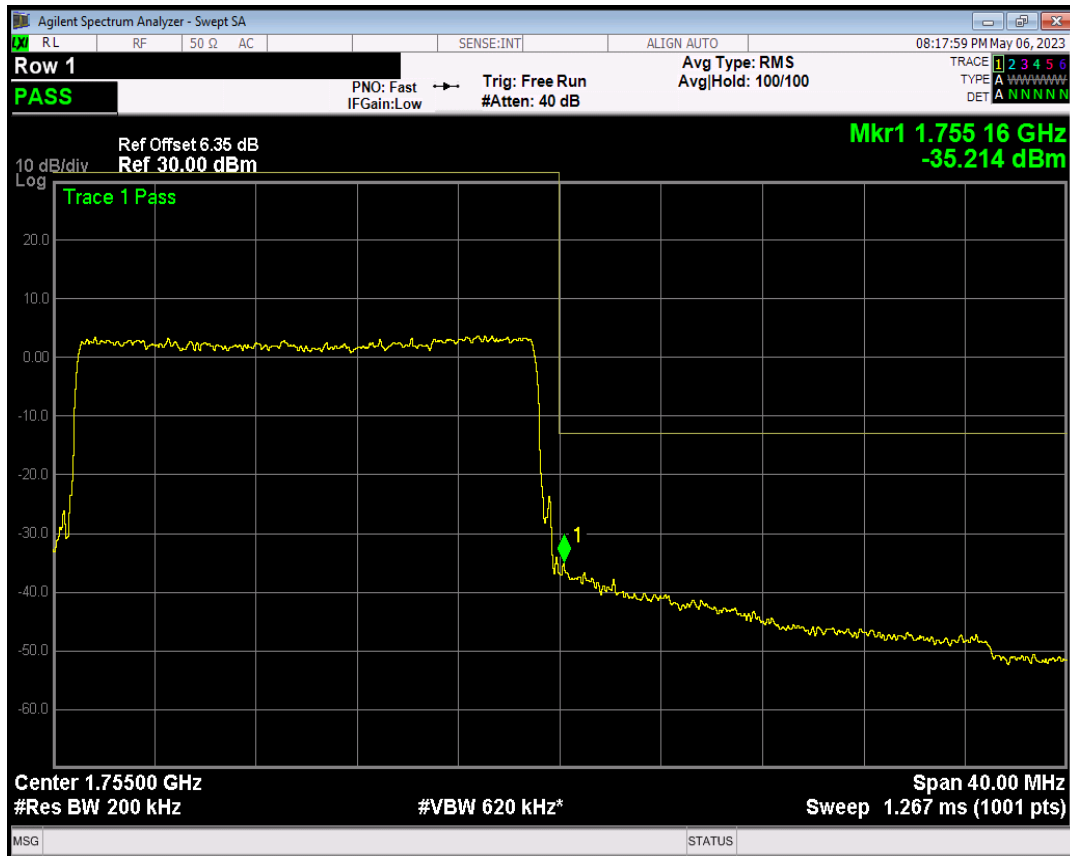
Band4 QPSK BW=20MHz Channel=20050 RB Size=100 Position=#0



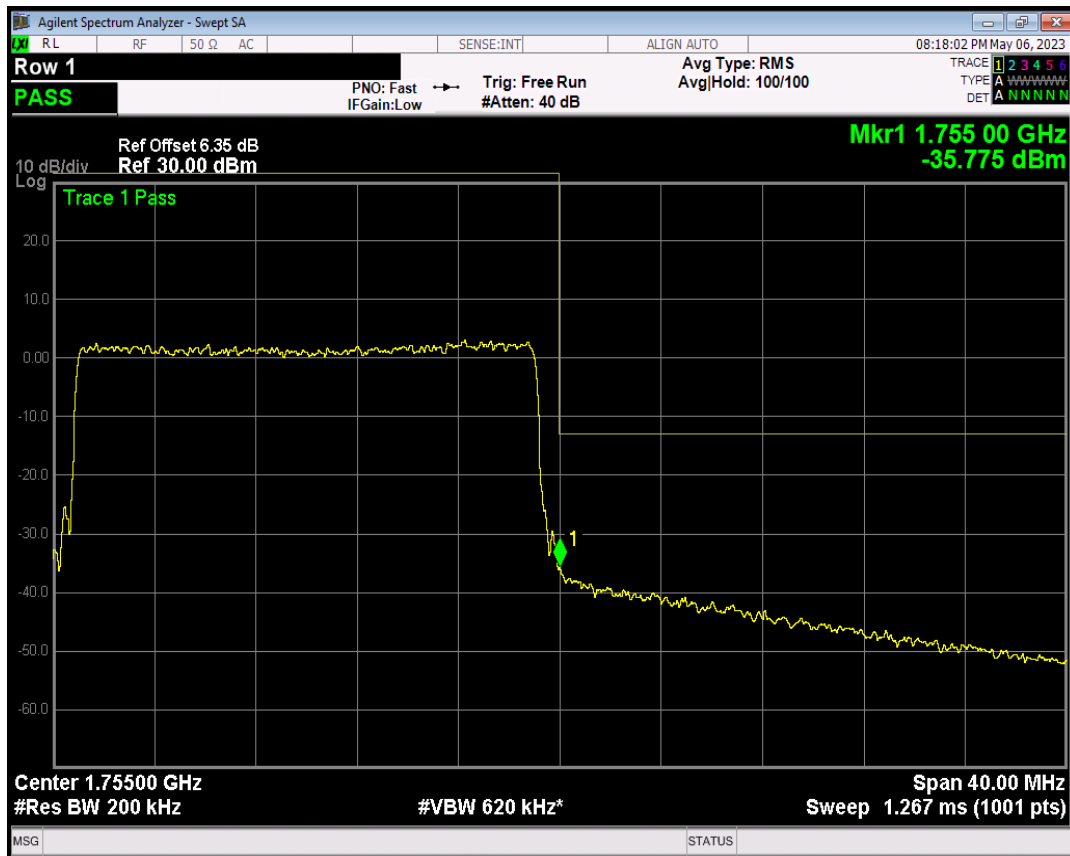
Band4 16QAM BW=20MHz Channel=20050 RB Size=100 Position=#0



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



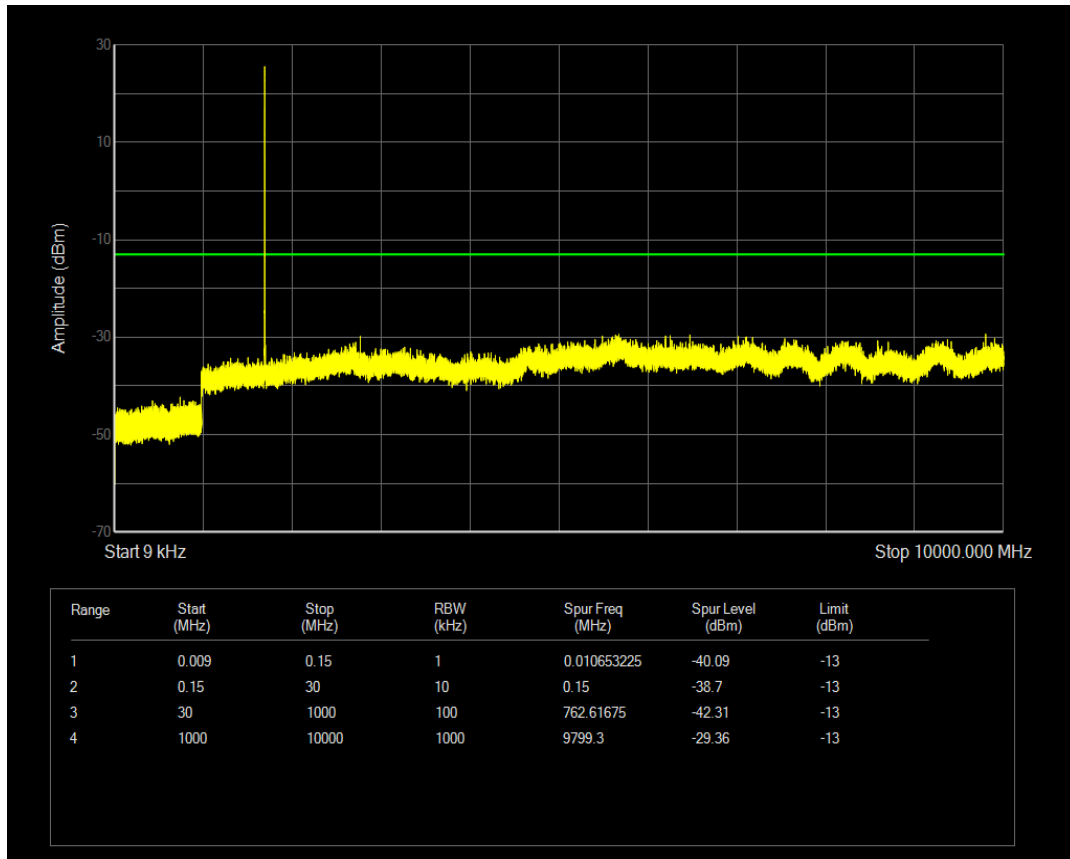
Band4 16QAM BW=20MHz Channel=20300 RB Size=100 Position=#0



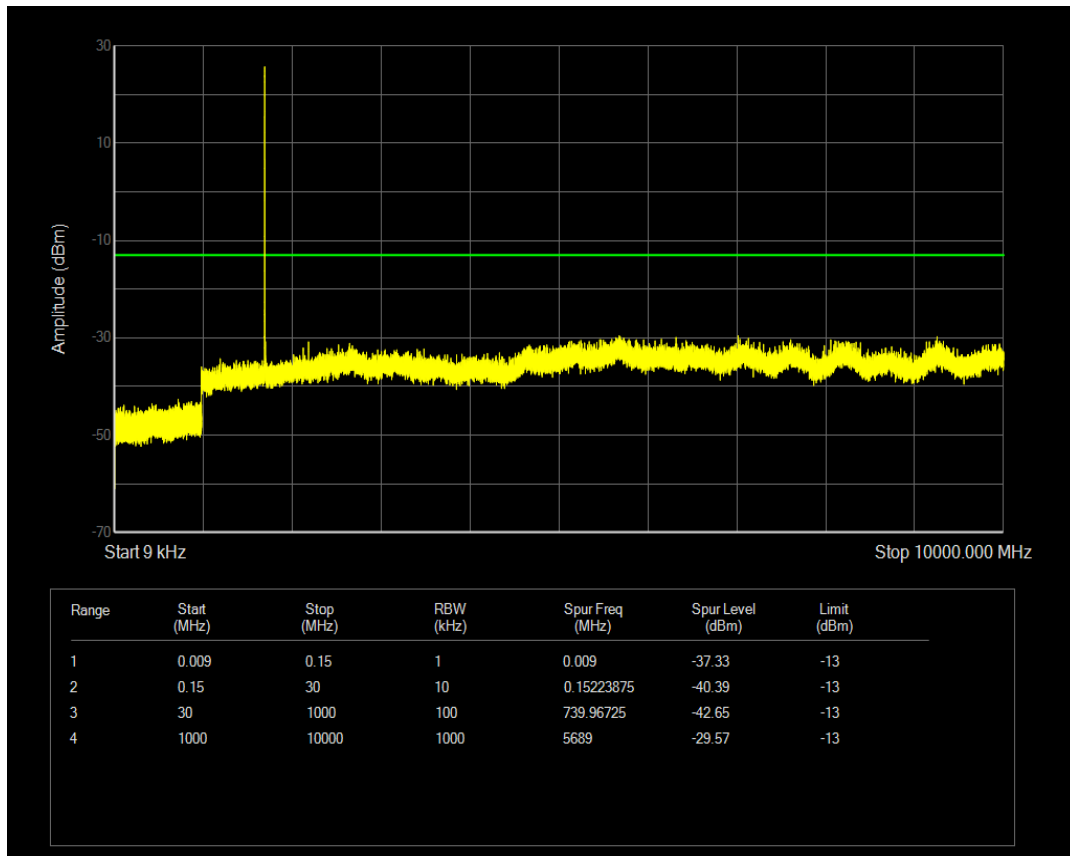
Appendix 6. Out-of-band emissions

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	9799.30	-29.36	-13	PASS
Band4	1.4	19957	6	#0	16QAM	5689.00	-29.57	-13	PASS
Band4	1.4	20175	6	#0	QPSK	5648.05	-28.57	-13	PASS
Band4	1.4	20175	6	#0	16QAM	5554.00	-28.52	-13	PASS
Band4	1.4	20393	6	#0	QPSK	5694.63	-28.10	-13	PASS
Band4	1.4	20393	6	#0	16QAM	7107.85	-28.75	-13	PASS
Band4	3	19965	15	#0	QPSK	5847.63	-29.17	-13	PASS
Band4	3	19965	15	#0	16QAM	9270.33	-28.50	-13	PASS
Band4	3	20175	15	#0	QPSK	5639.73	-28.99	-13	PASS
Band4	3	20175	15	#0	16QAM	5745.48	-29.35	-13	PASS
Band4	3	20385	15	#0	QPSK	5667.40	-28.83	-13	PASS
Band4	3	20385	15	#0	16QAM	5590.45	-29.21	-13	PASS
Band4	5	19975	25	#0	QPSK	5727.70	-29.52	-13	PASS
Band4	5	19975	25	#0	16QAM	5694.40	-28.87	-13	PASS
Band4	5	20175	25	#0	QPSK	9934.53	-29.60	-13	PASS
Band4	5	20175	25	#0	16QAM	5781.48	-29.17	-13	PASS
Band4	5	20375	25	#0	QPSK	5709.70	-28.88	-13	PASS
Band4	5	20375	25	#0	16QAM	5686.53	-29.29	-13	PASS
Band4	10	20000	50	#0	QPSK	5692.83	-28.30	-13	PASS
Band4	10	20000	50	#0	16QAM	5659.75	-28.85	-13	PASS
Band4	10	20175	50	#0	QPSK	5603.73	-29.29	-13	PASS
Band4	10	20175	50	#0	16QAM	5716.45	-28.80	-13	PASS
Band4	10	20350	50	#0	QPSK	5685.63	-29.22	-13	PASS
Band4	10	20350	50	#0	16QAM	5710.60	-28.44	-13	PASS
Band4	15	20025	75	#0	QPSK	5190.18	-28.89	-13	PASS
Band4	15	20025	75	#0	16QAM	5705.20	-28.51	-13	PASS
Band4	15	20175	75	#0	QPSK	5668.30	-29.52	-13	PASS
Band4	15	20175	75	#0	16QAM	5679.33	-29.24	-13	PASS
Band4	15	20325	75	#0	QPSK	5638.15	-28.73	-13	PASS
Band4	15	20325	75	#0	16QAM	7117.08	-29.21	-13	PASS
Band4	20	20050	100	#0	QPSK	5649.63	-28.58	-13	PASS
Band4	20	20050	100	#0	16QAM	5692.38	-29.18	-13	PASS
Band4	20	20175	100	#0	QPSK	5674.60	-28.72	-13	PASS
Band4	20	20175	100	#0	16QAM	5695.75	-28.26	-13	PASS
Band4	20	20300	100	#0	QPSK	5685.63	-28.89	-13	PASS
Band4	20	20300	100	#0	16QAM	5746.60	-29.28	-13	PASS

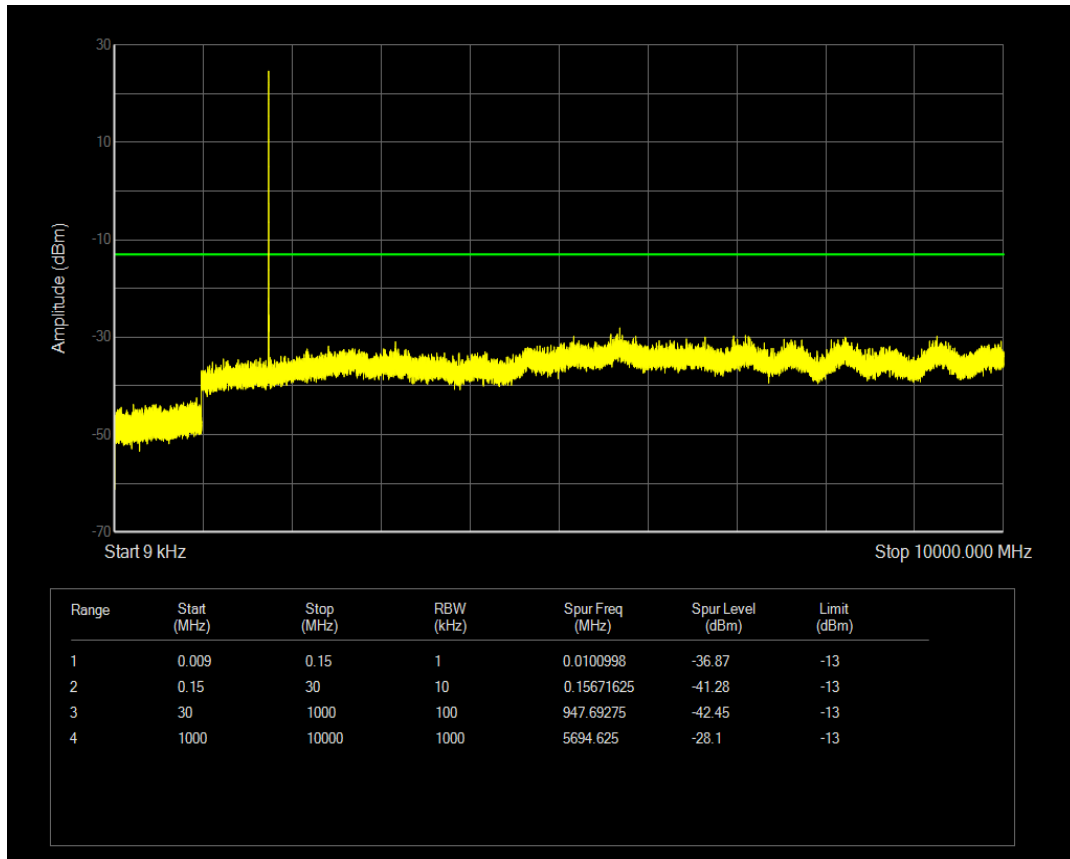
Band4 QPSK BW=1.4MHz Channel=19957 RB Size=6 Position=#0



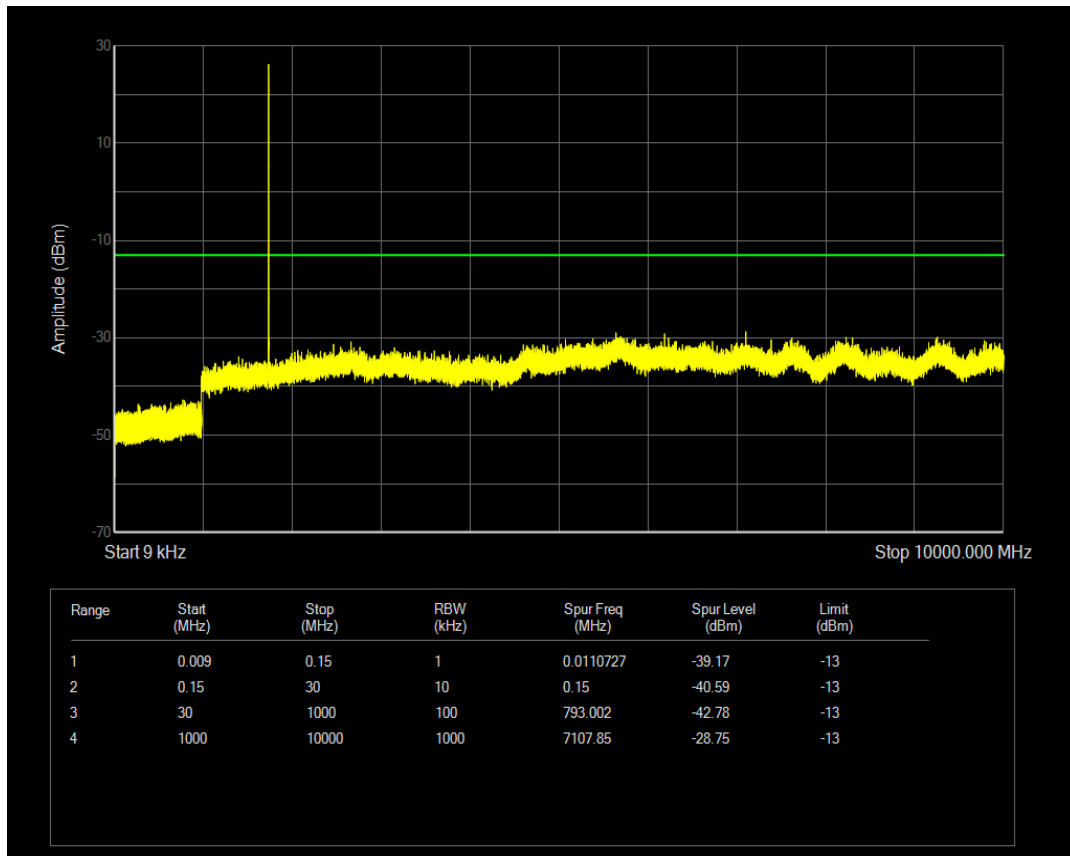
Band4 16QAM BW=1.4MHz Channel=19957 RB Size=6 Position=#0



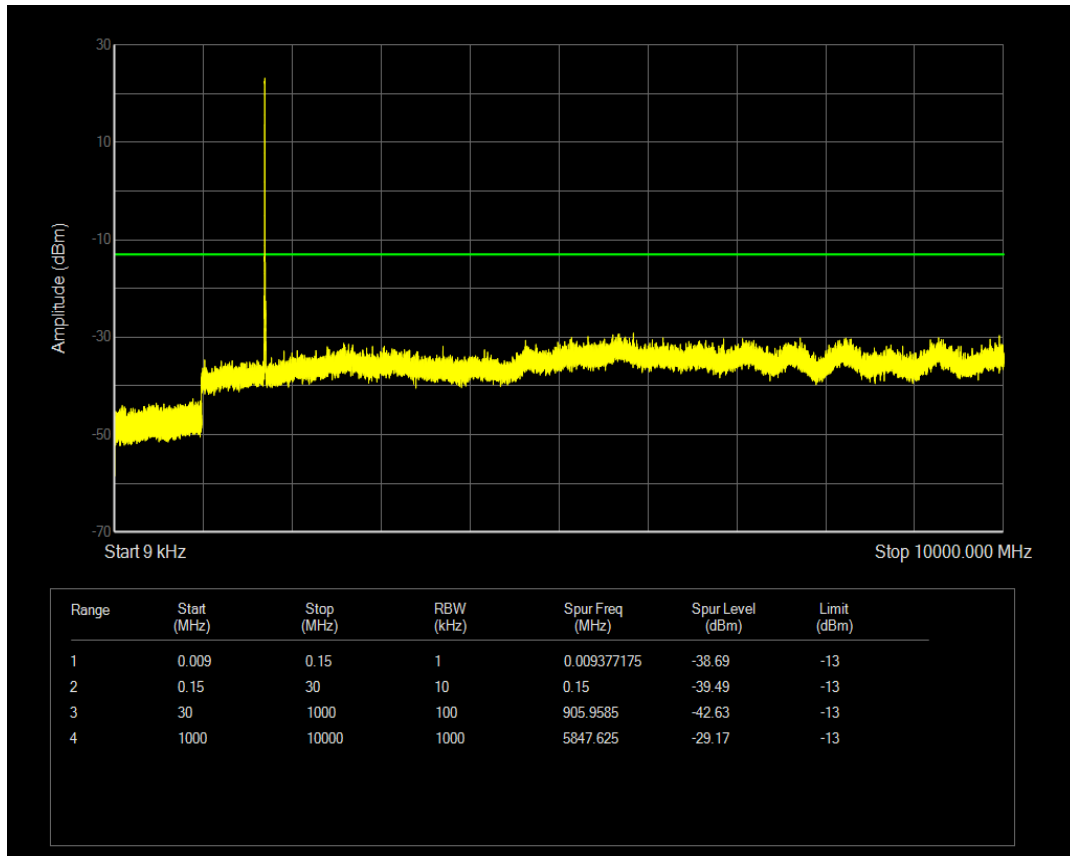
Band4 QPSK BW=1.4MHz Channel=20393 RB Size=6 Position=#0



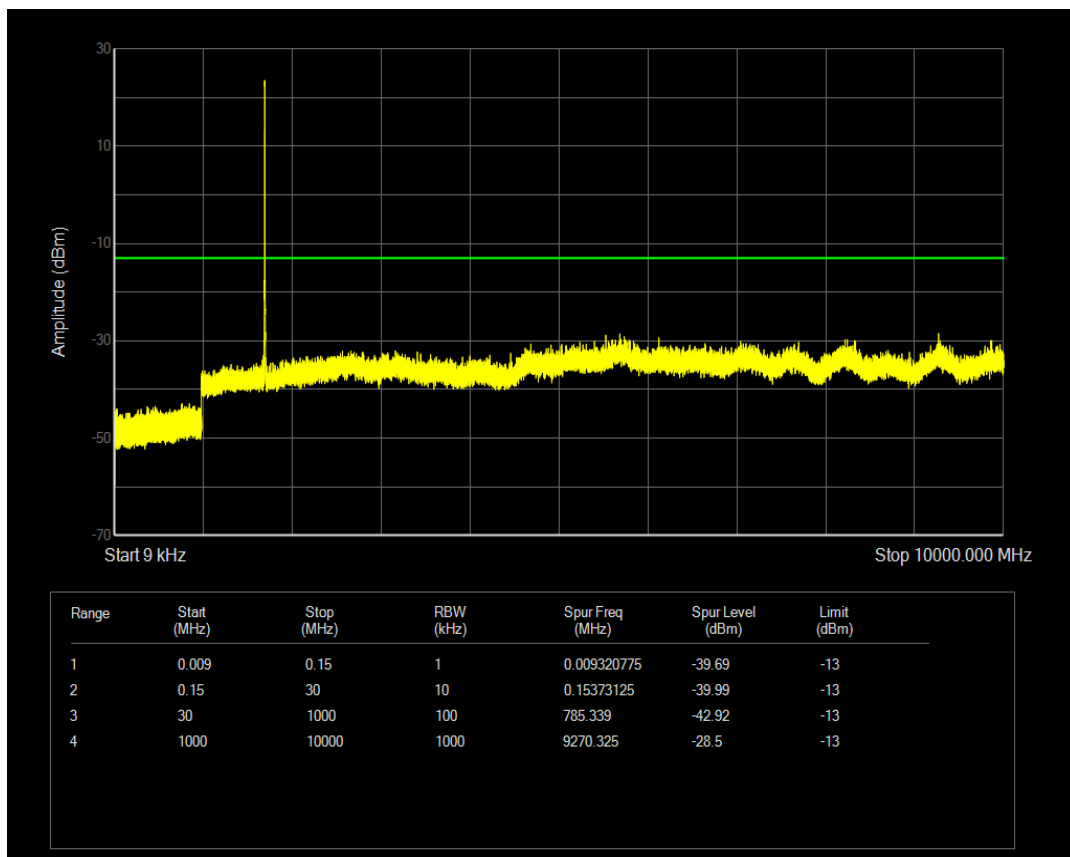
Band4 16QAM BW=1.4MHz Channel=20393 RB Size=6 Position=#0



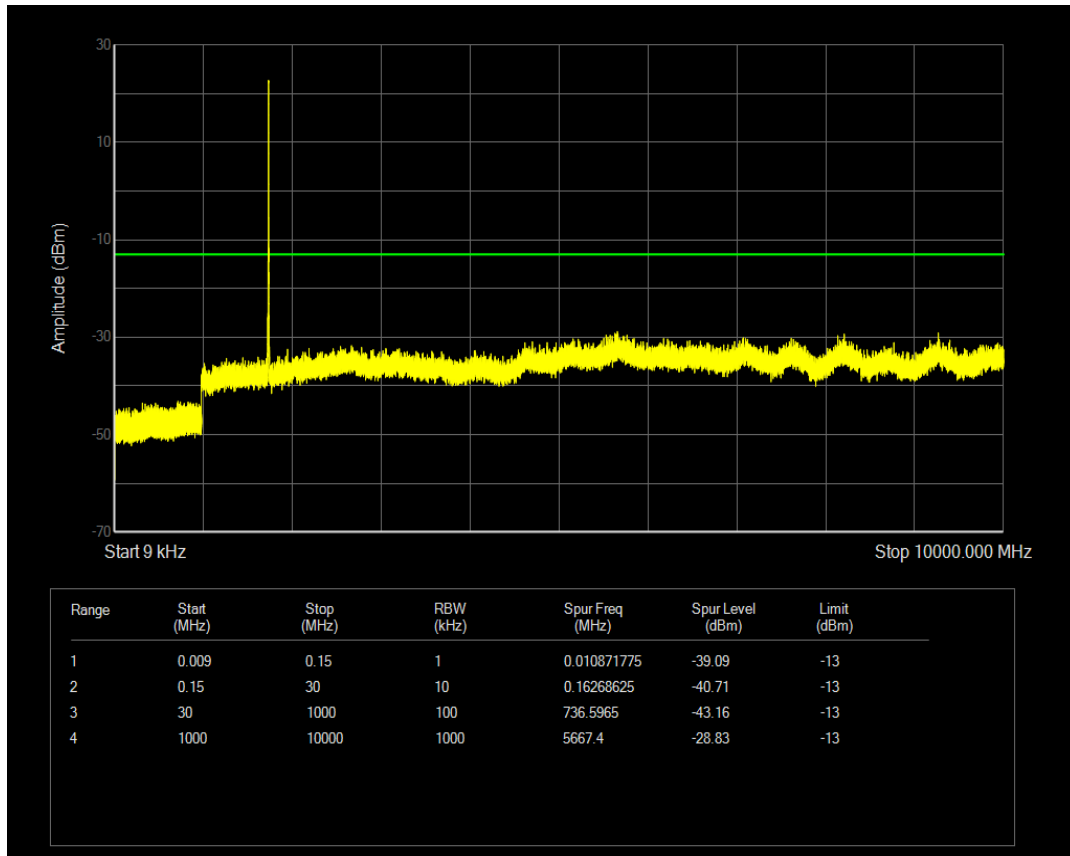
Band4 QPSK BW=3MHz Channel=19965 RB Size=15 Position=#0



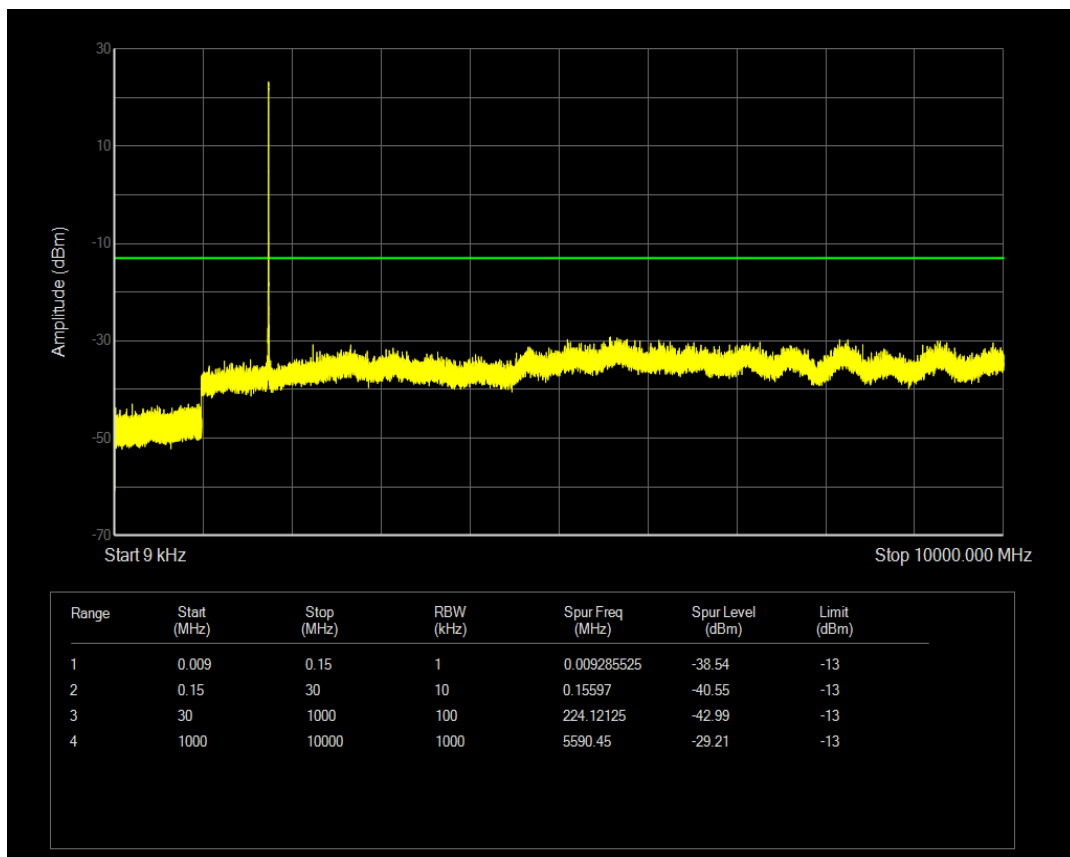
Band4 16QAM BW=3MHz Channel=19965 RB Size=15 Position=#0



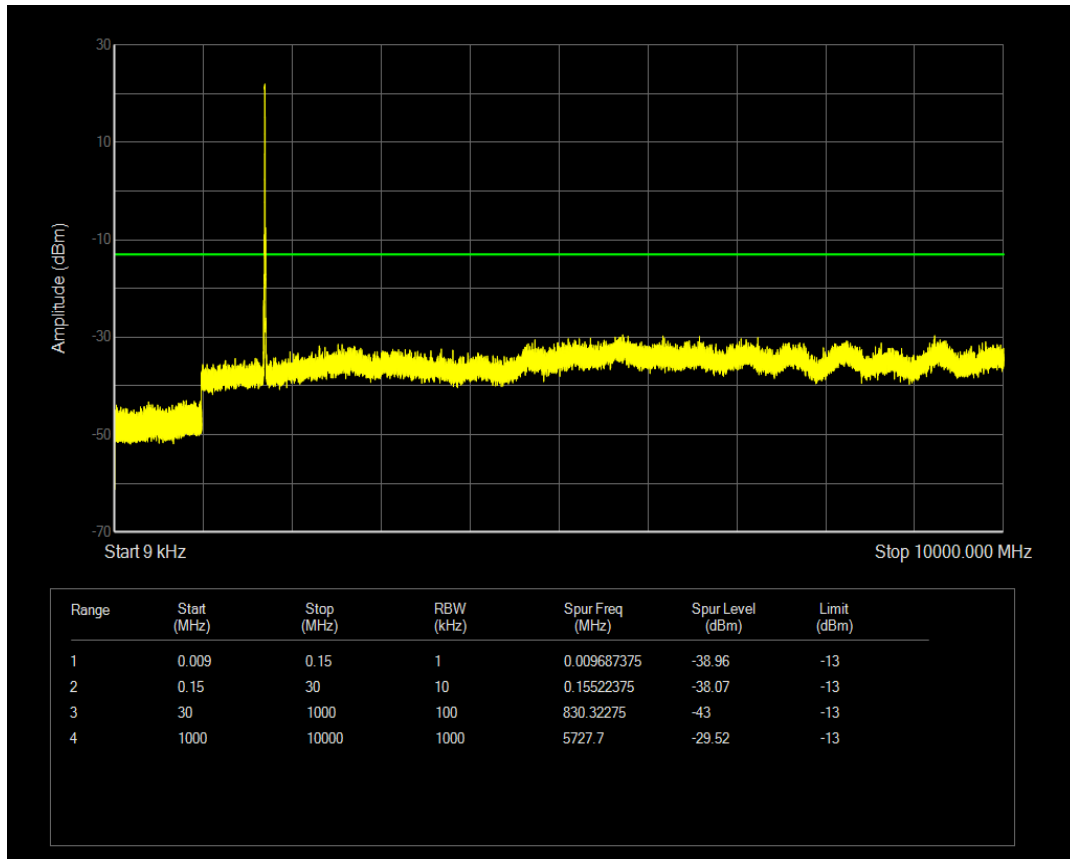
Band4 QPSK BW=3MHz Channel=20385 RB Size=15 Position=#0



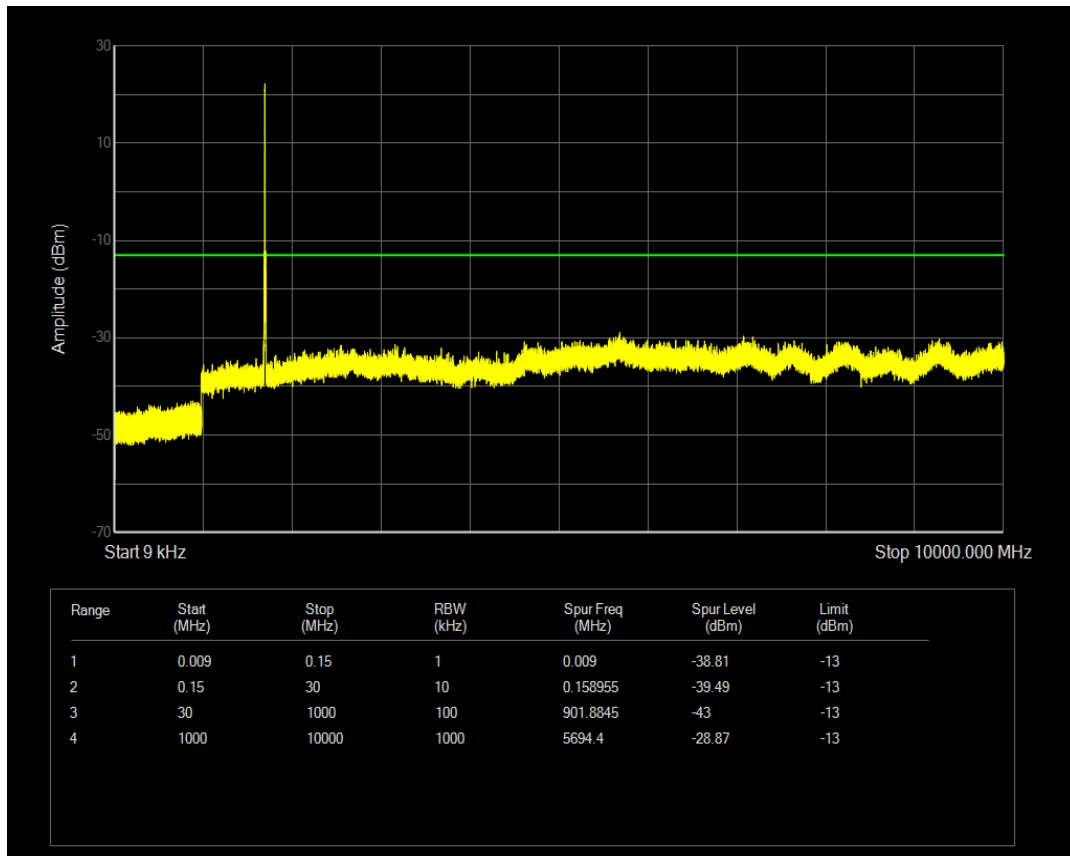
Band4 16QAM BW=3MHz Channel=20385 RB Size=15 Position=#0



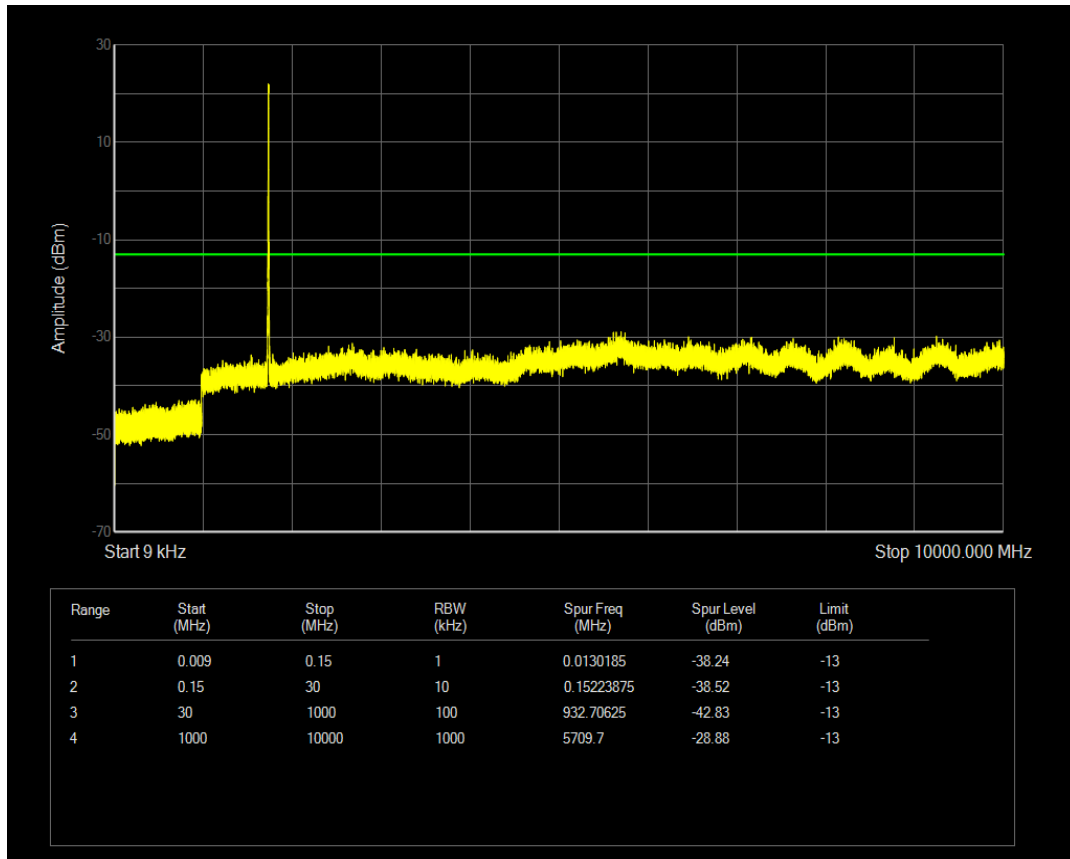
Band4 QPSK BW=5MHz Channel=19975 RB Size=25 Position=#0



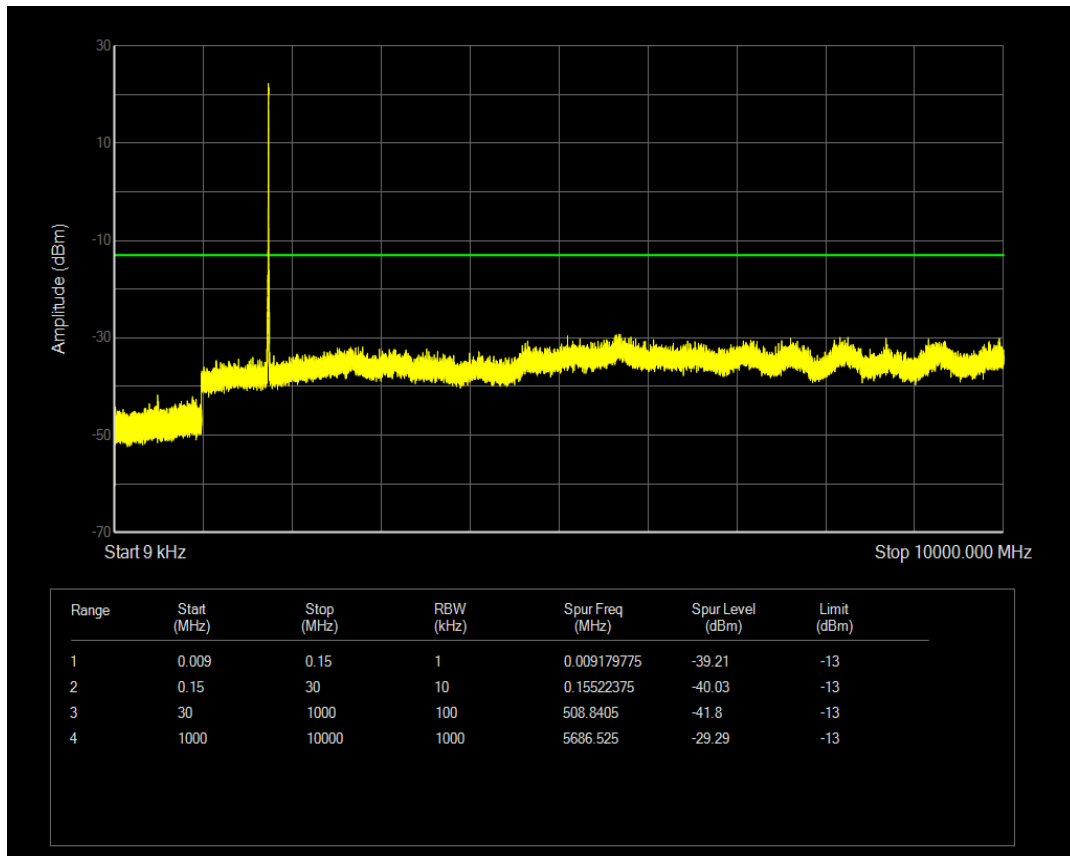
Band4 16QAM BW=5MHz Channel=19975 RB Size=25 Position=#0



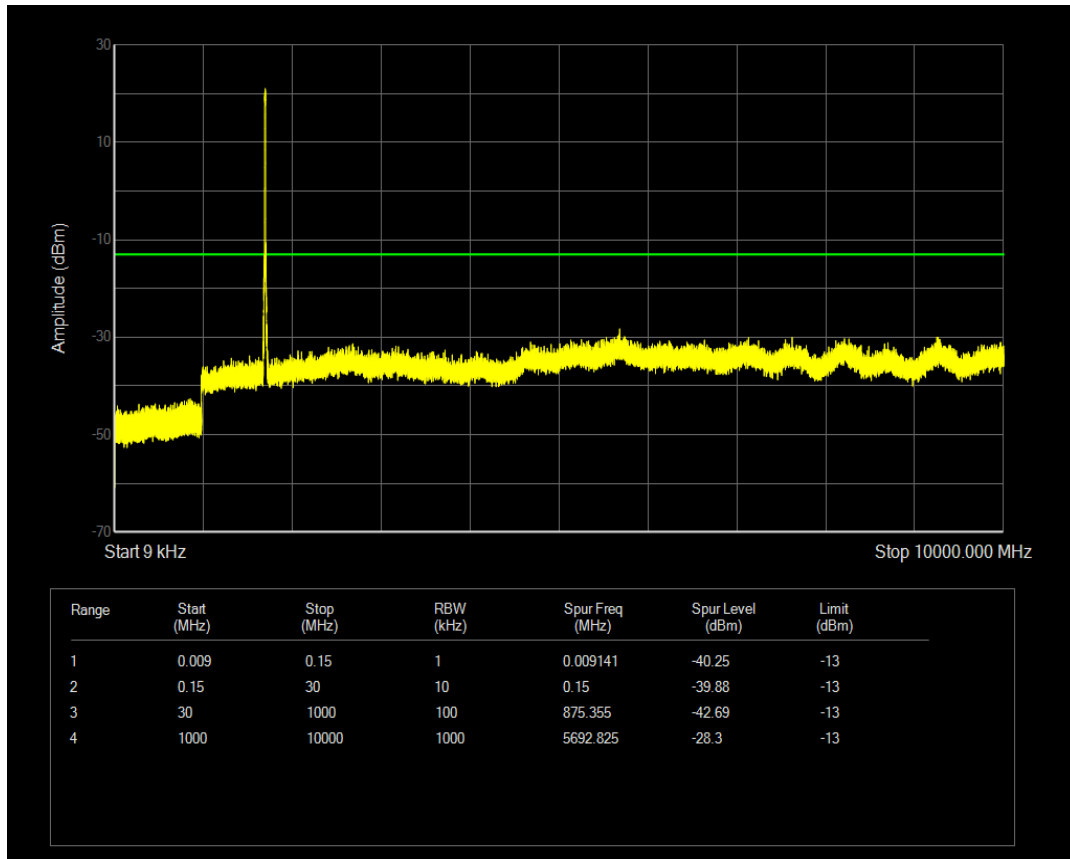
Band4 QPSK BW=5MHz Channel=20375 RB Size=25 Position=#0



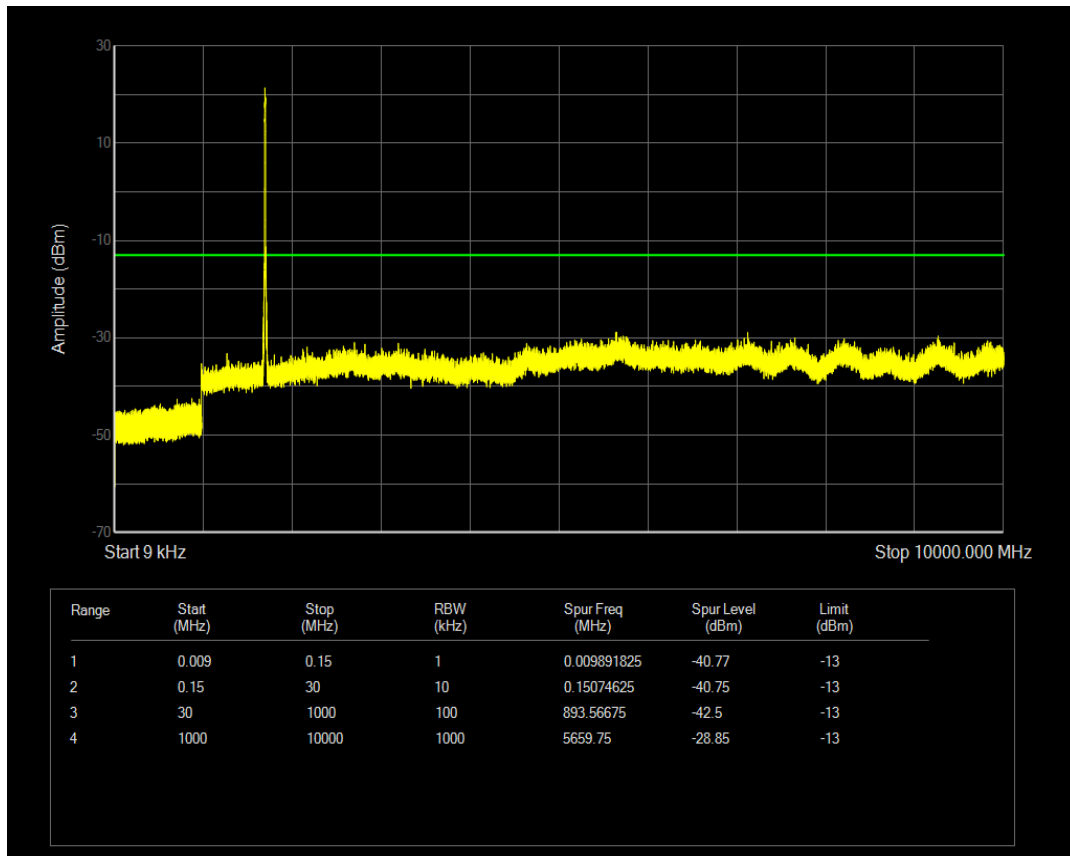
Band4 16QAM BW=5MHz Channel=20375 RB Size=25 Position=#0



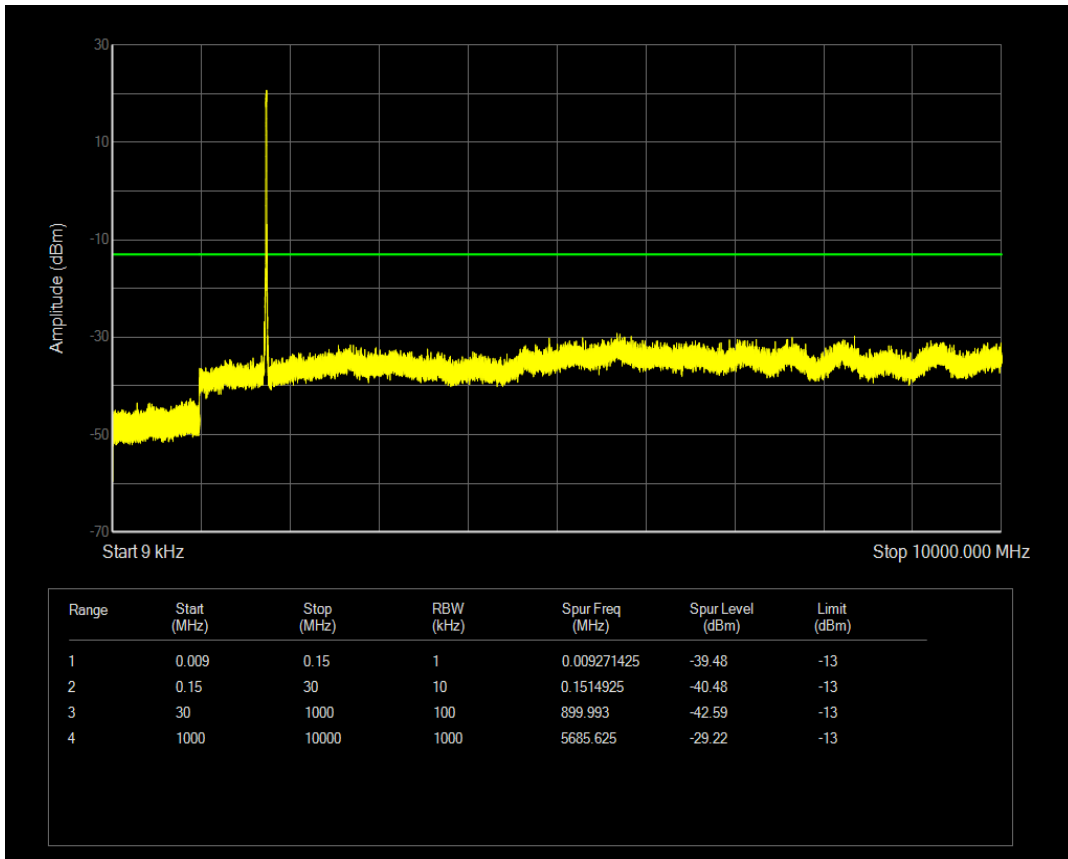
Band4 QPSK BW=10MHz Channel=20000 RB Size=50 Position=#0



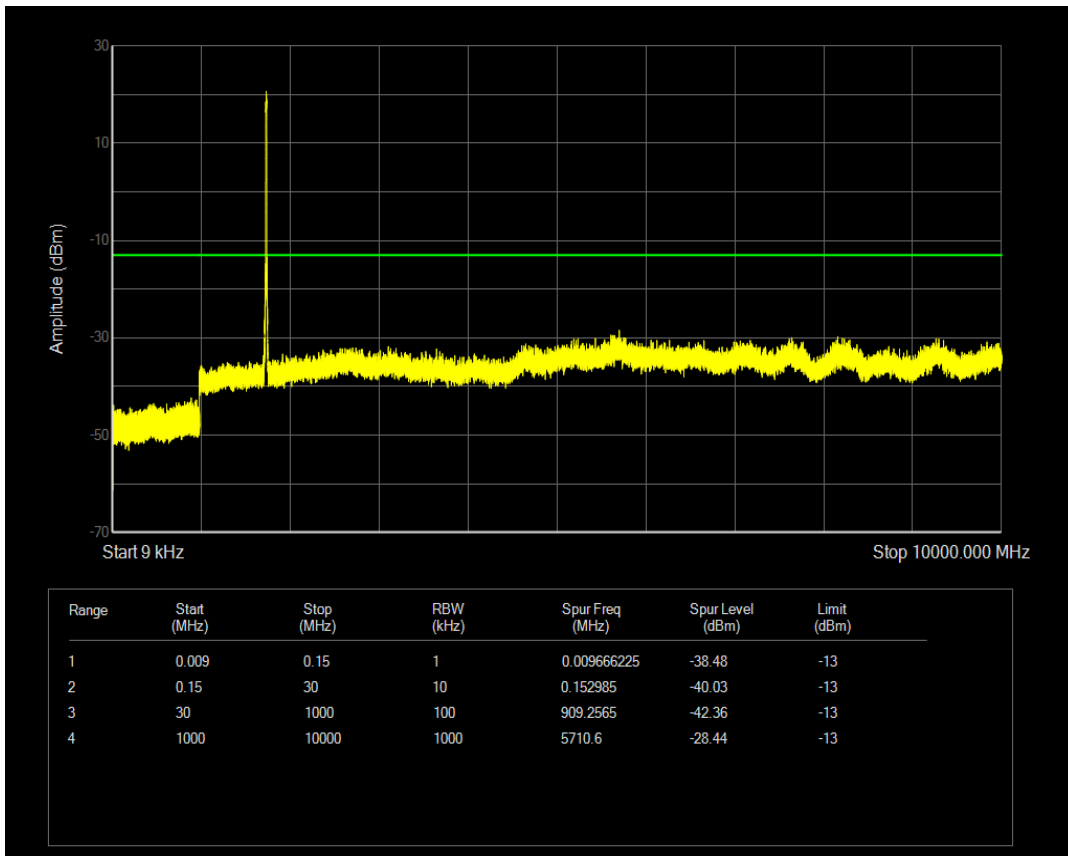
Band4 16QAM BW=10MHz Channel=20000 RB Size=50 Position=#0



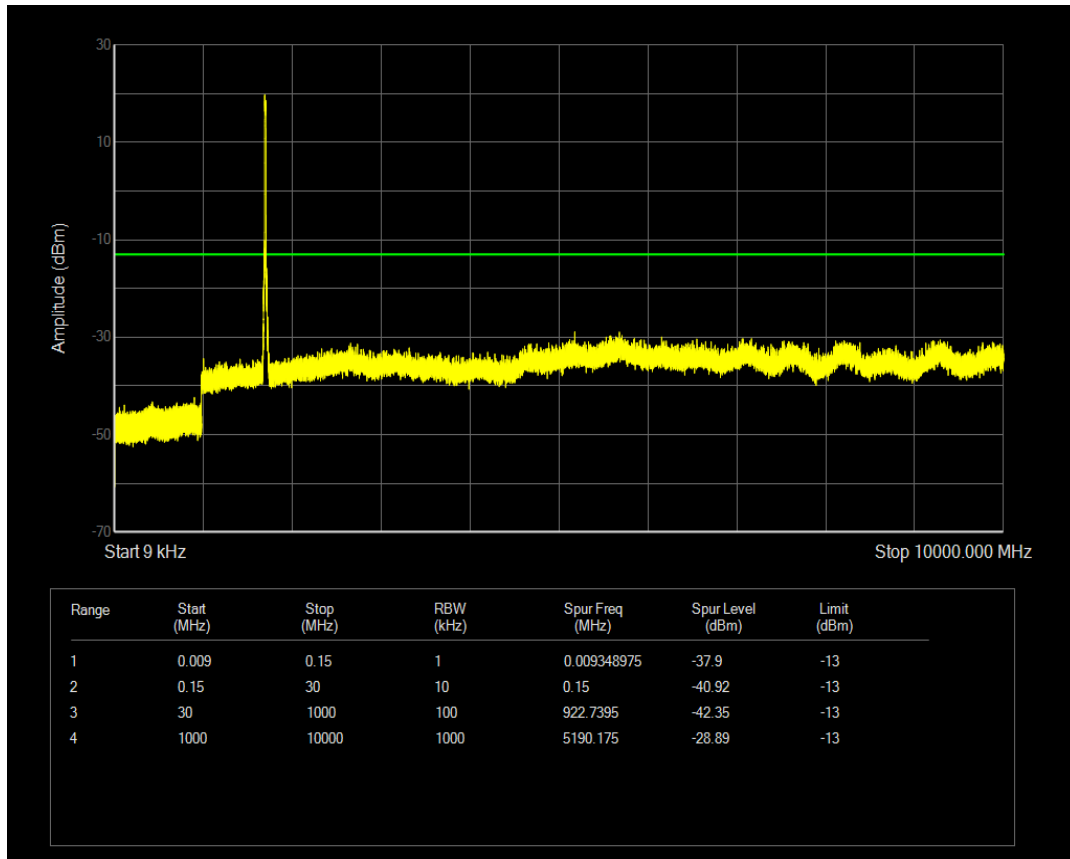
Band4 QPSK BW=10MHz Channel=20350 RB Size=50 Position=#0



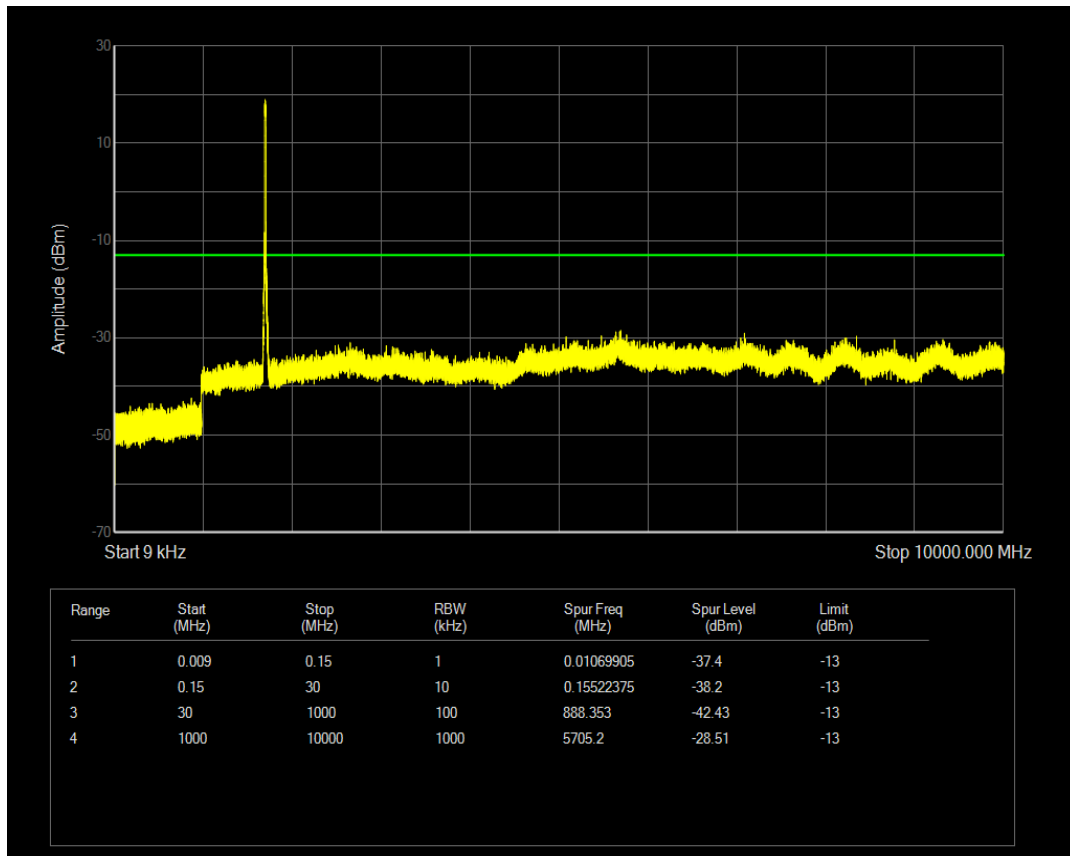
Band4 16QAM BW=10MHz Channel=20350 RB Size=50 Position=#0



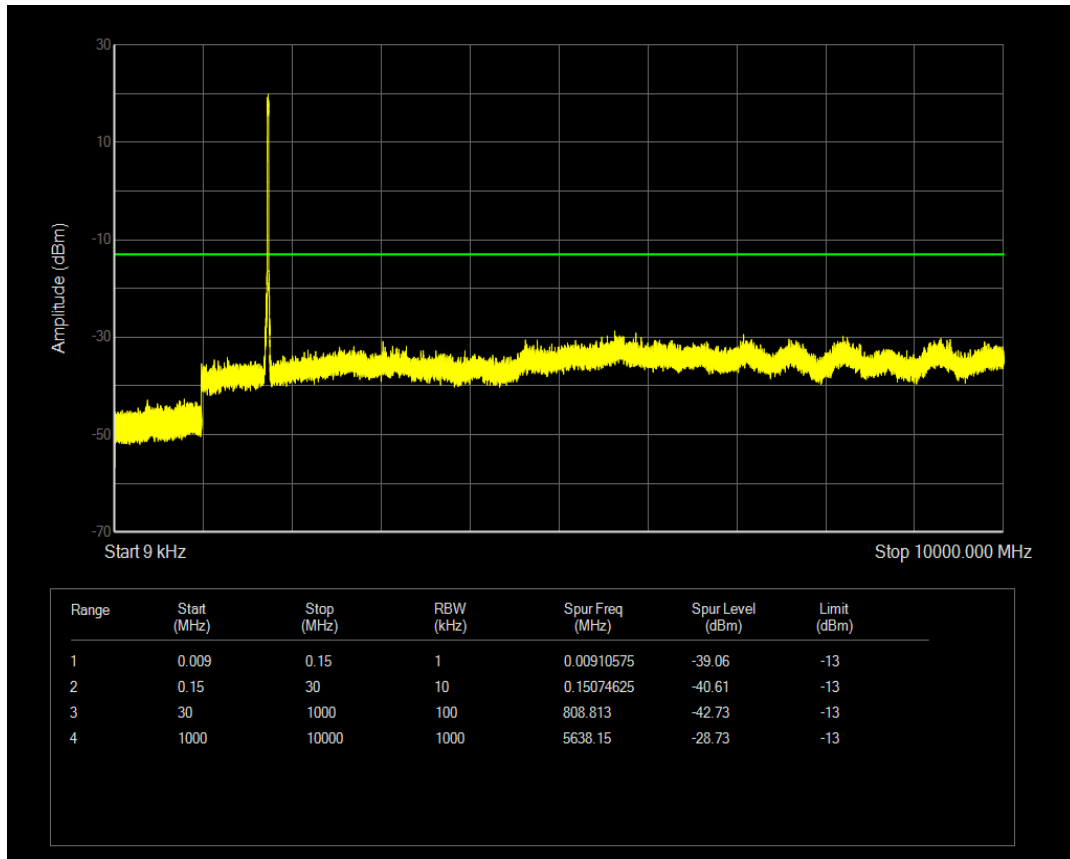
Band4 QPSK BW=15MHz Channel=20025 RB Size=75 Position=#0



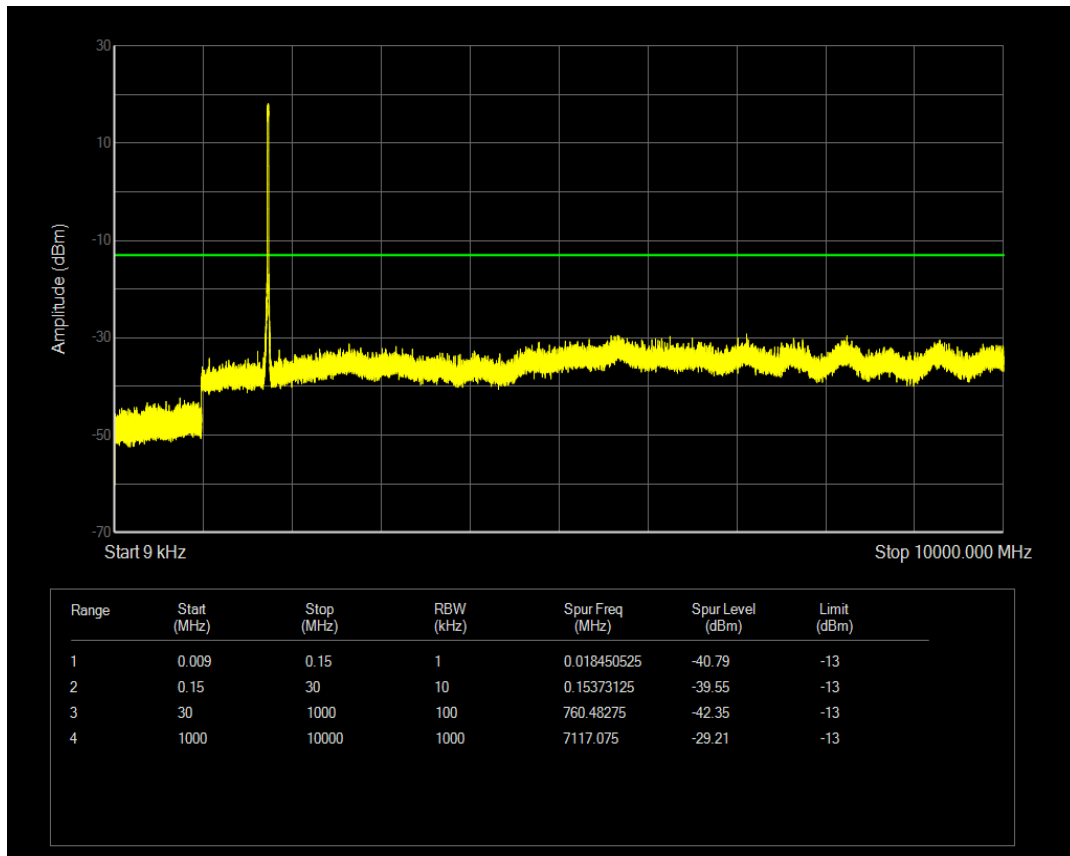
Band4 16QAM BW=15MHz Channel=20025 RB Size=75 Position=#0



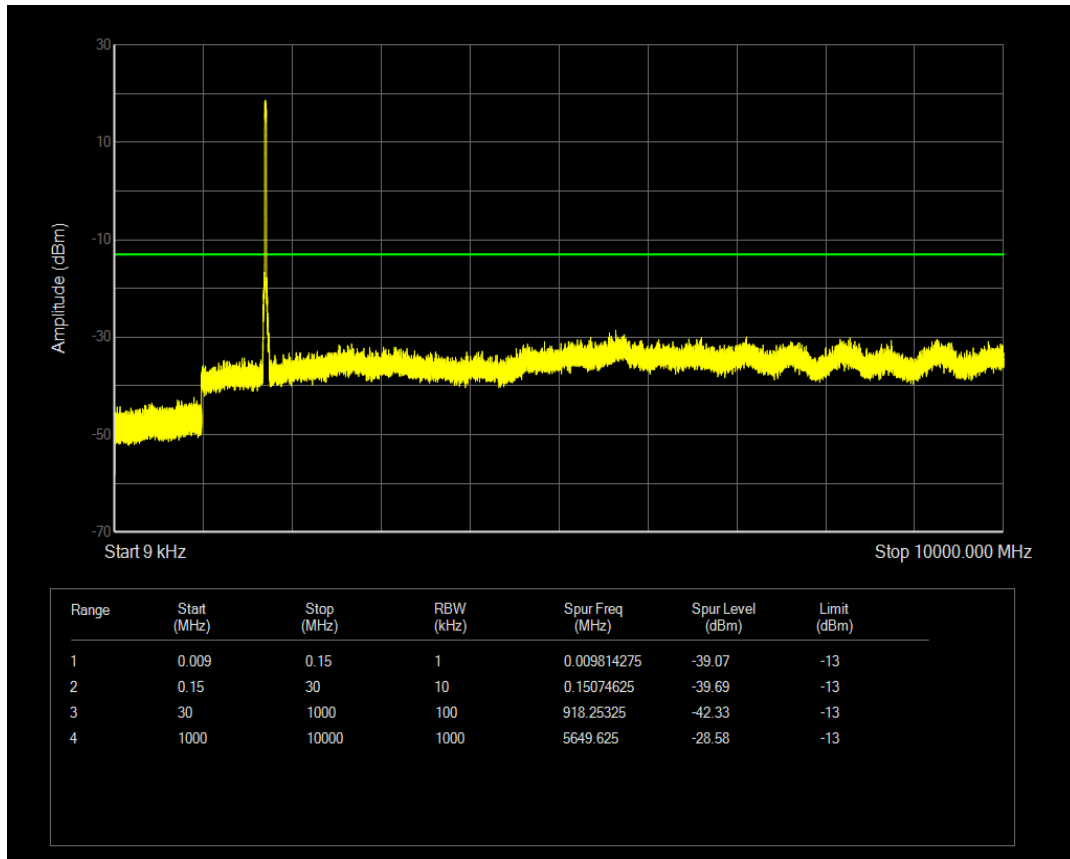
Band4 QPSK BW=15MHz Channel=20325 RB Size=75 Position=#0



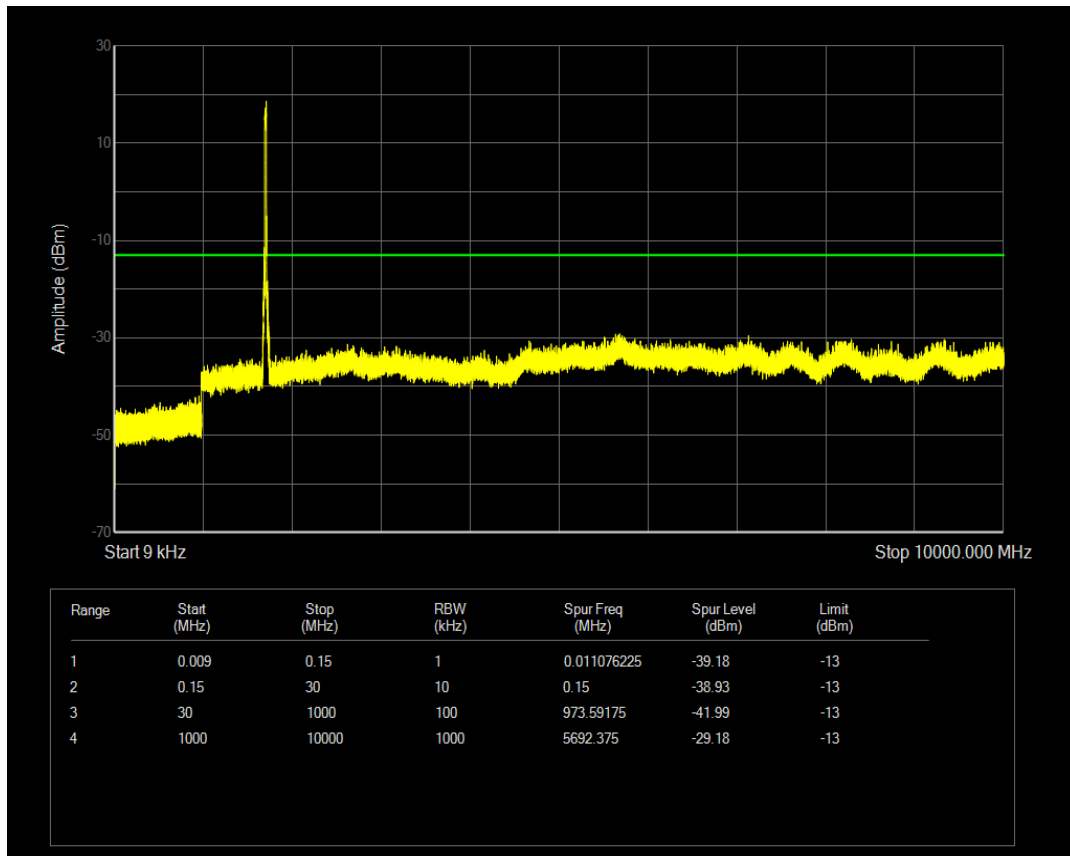
Band4 16QAM BW=15MHz Channel=20325 RB Size=75 Position=#0



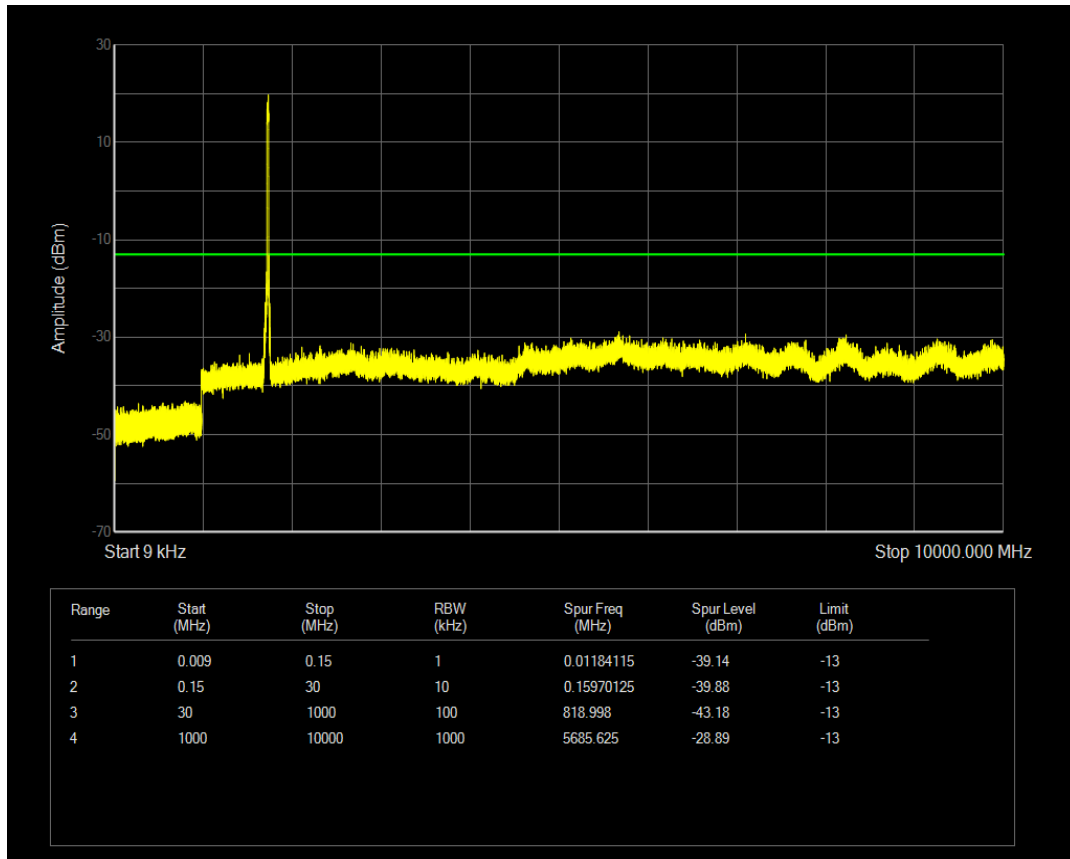
Band4 QPSK BW=20MHz Channel=20050 RB Size=100 Position=#0



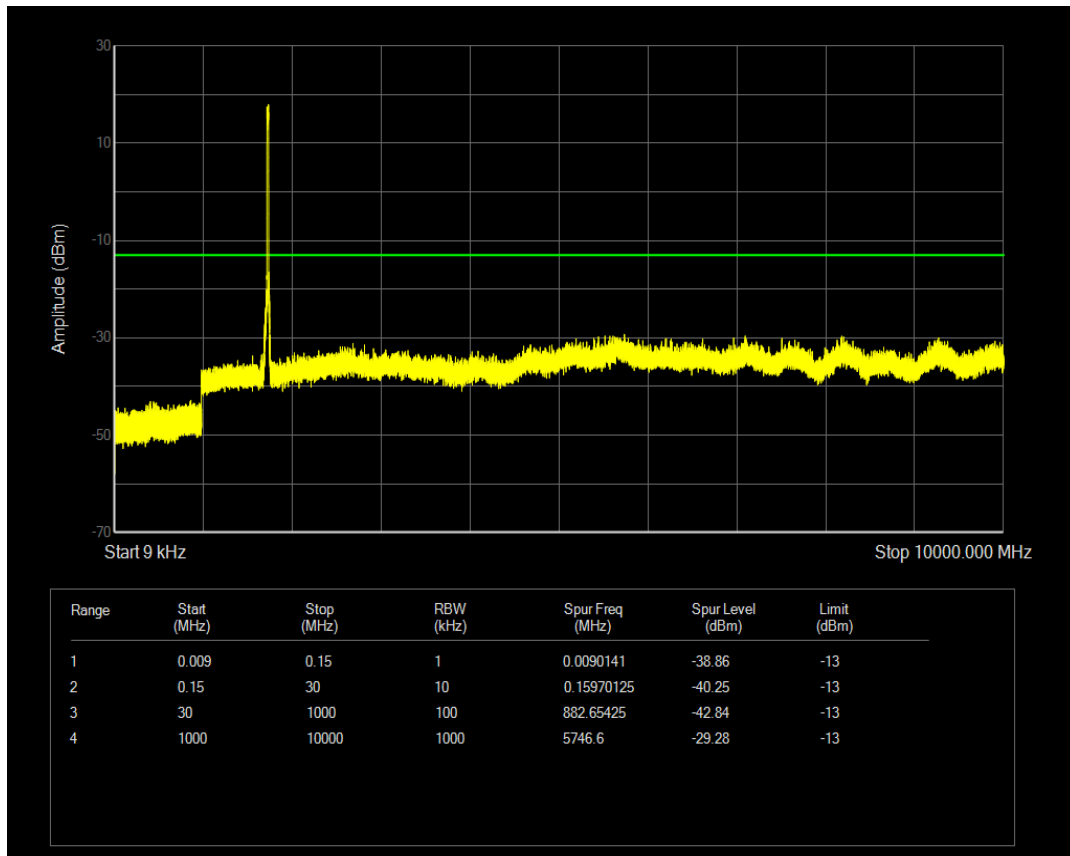
Band4 16QAM BW=20MHz Channel=20050 RB Size=100 Position=#0



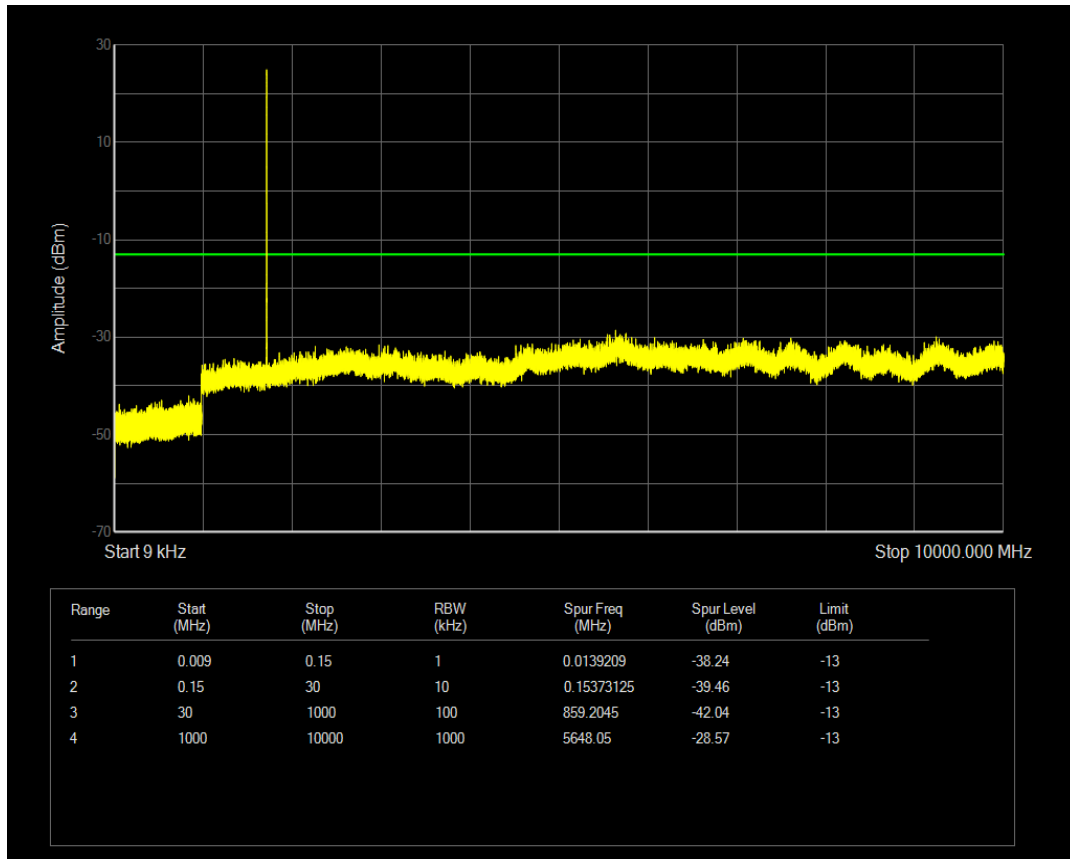
Band4 QPSK BW=20MHz Channel=20300 RB Size=100 Position=#0



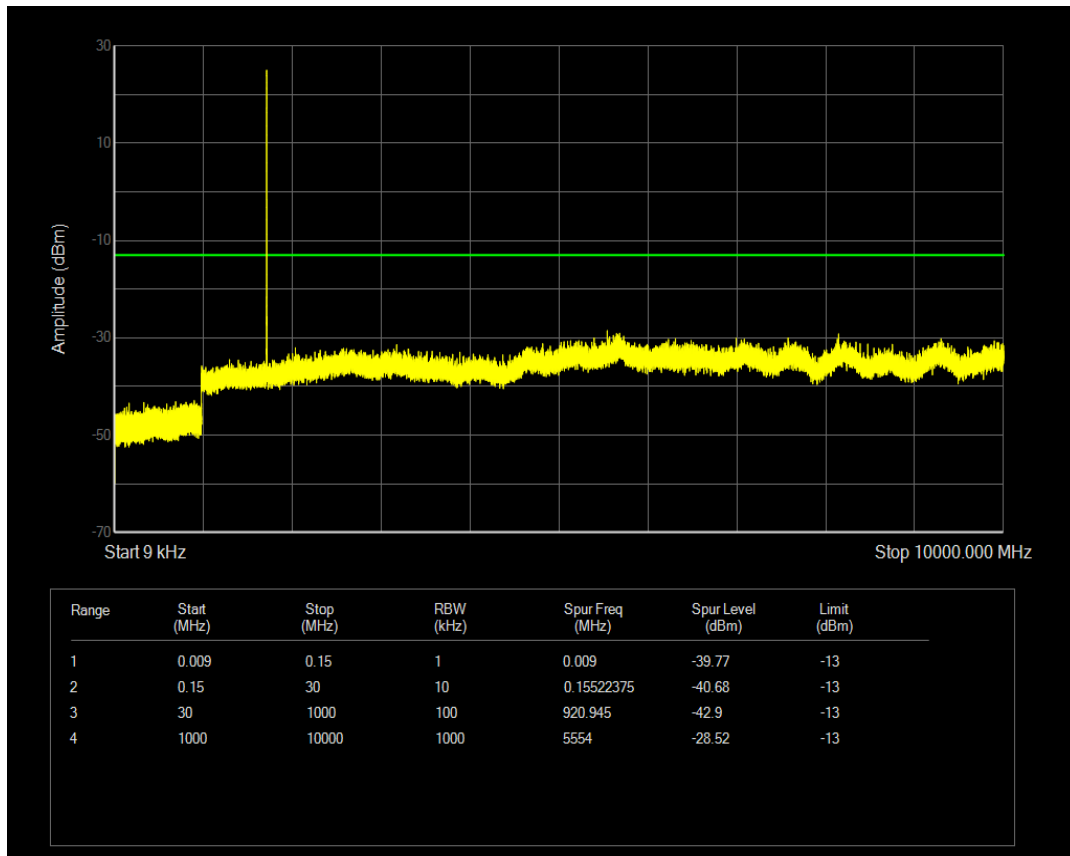
Band4 16QAM BW=20MHz Channel=20300 RB Size=100 Position=#0



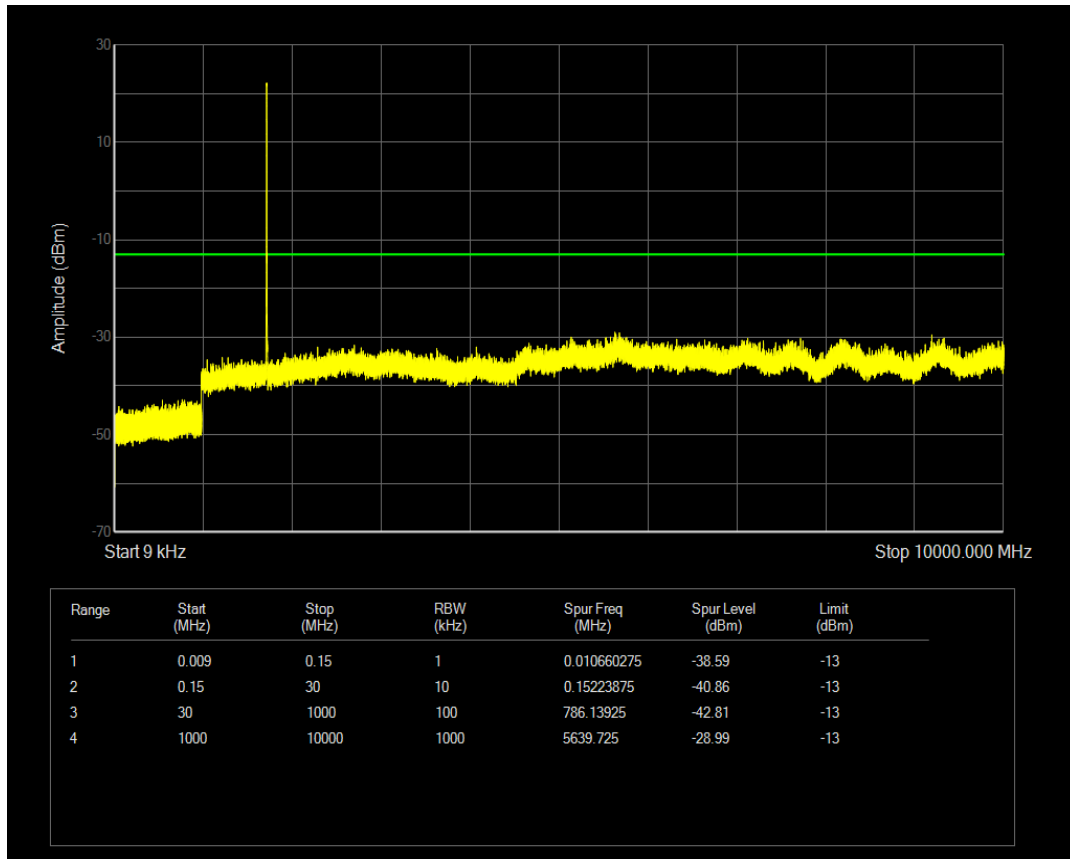
Band4 QPSK BW=1.4MHz Channel=20175 RB Size=6 Position=#0



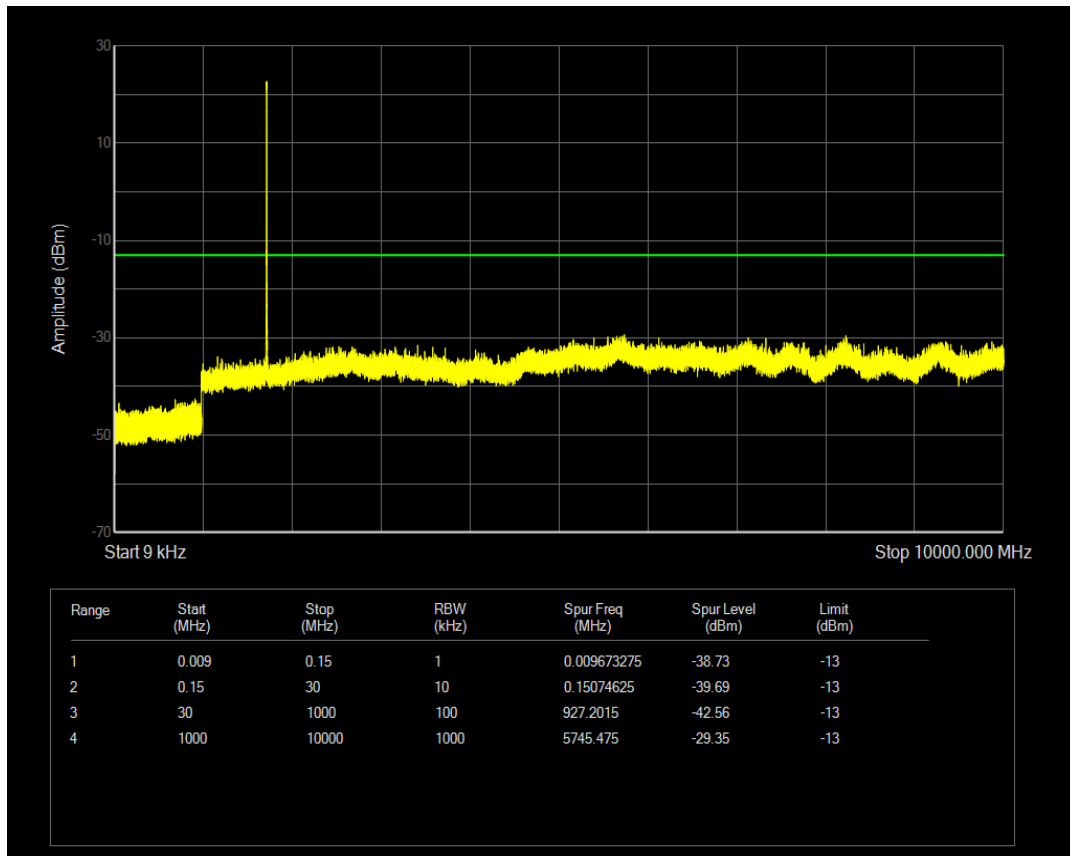
Band4 16QAM BW=1.4MHz Channel=20175 RB Size=6 Position=#0



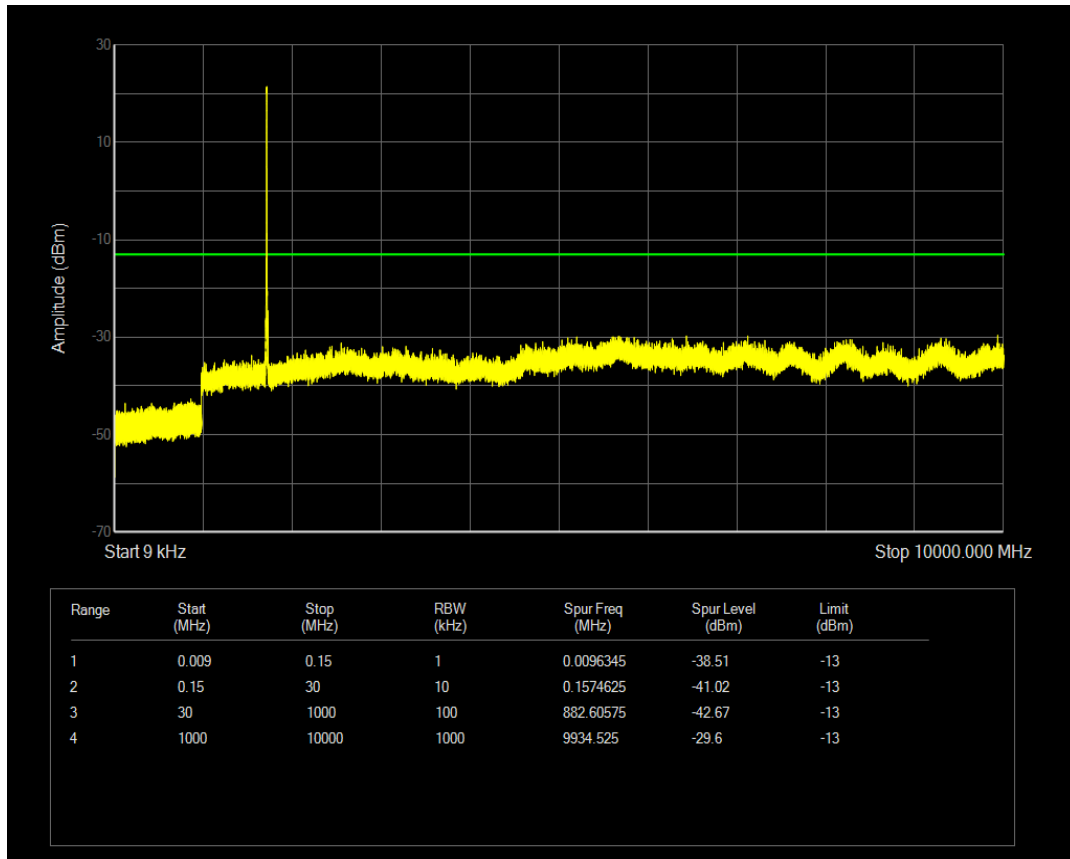
Band4 QPSK BW=3MHz Channel=20175 RB Size=15 Position=#0



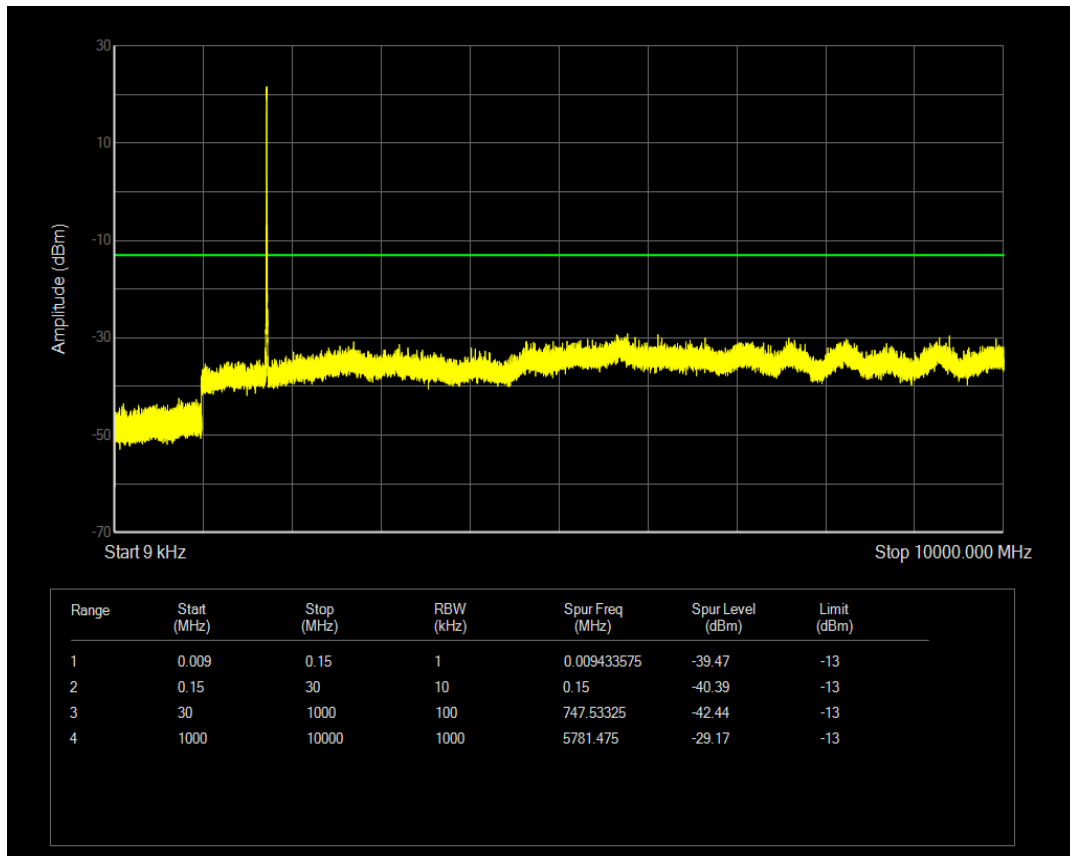
Band4 16QAM BW=3MHz Channel=20175 RB Size=15 Position=#0



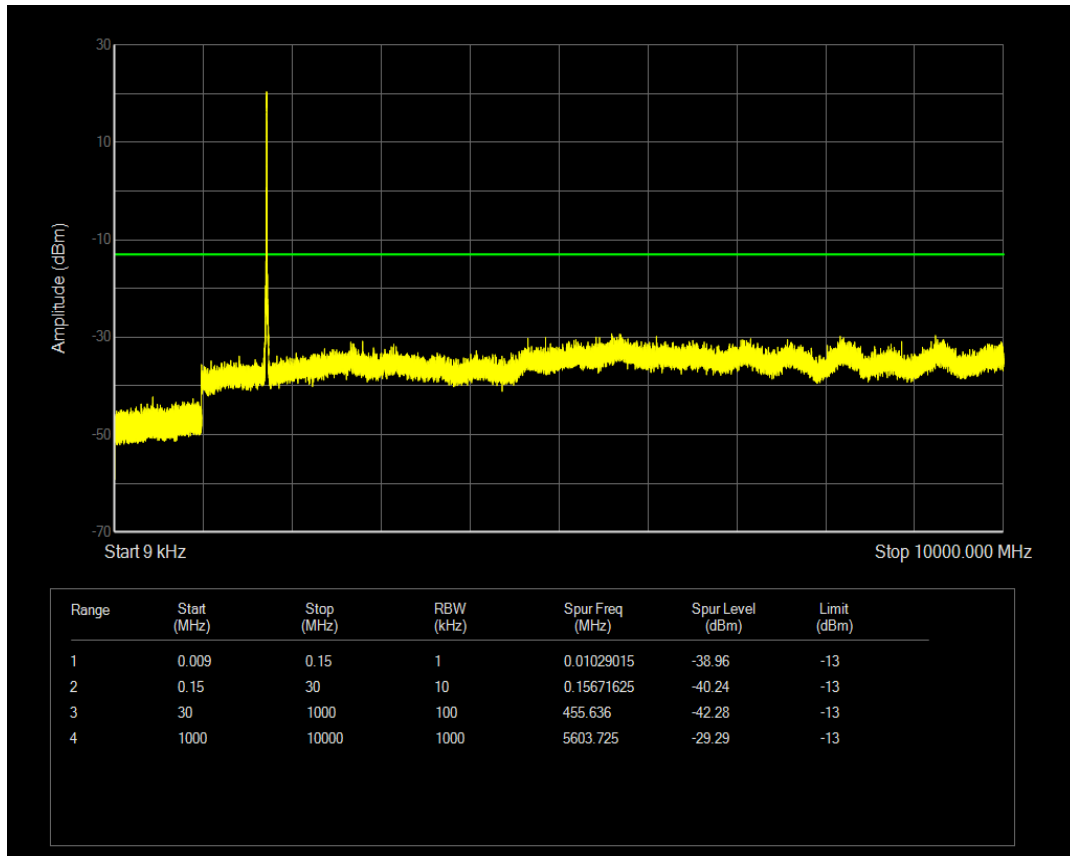
Band4 QPSK BW=5MHz Channel=20175 RB Size=25 Position=#0



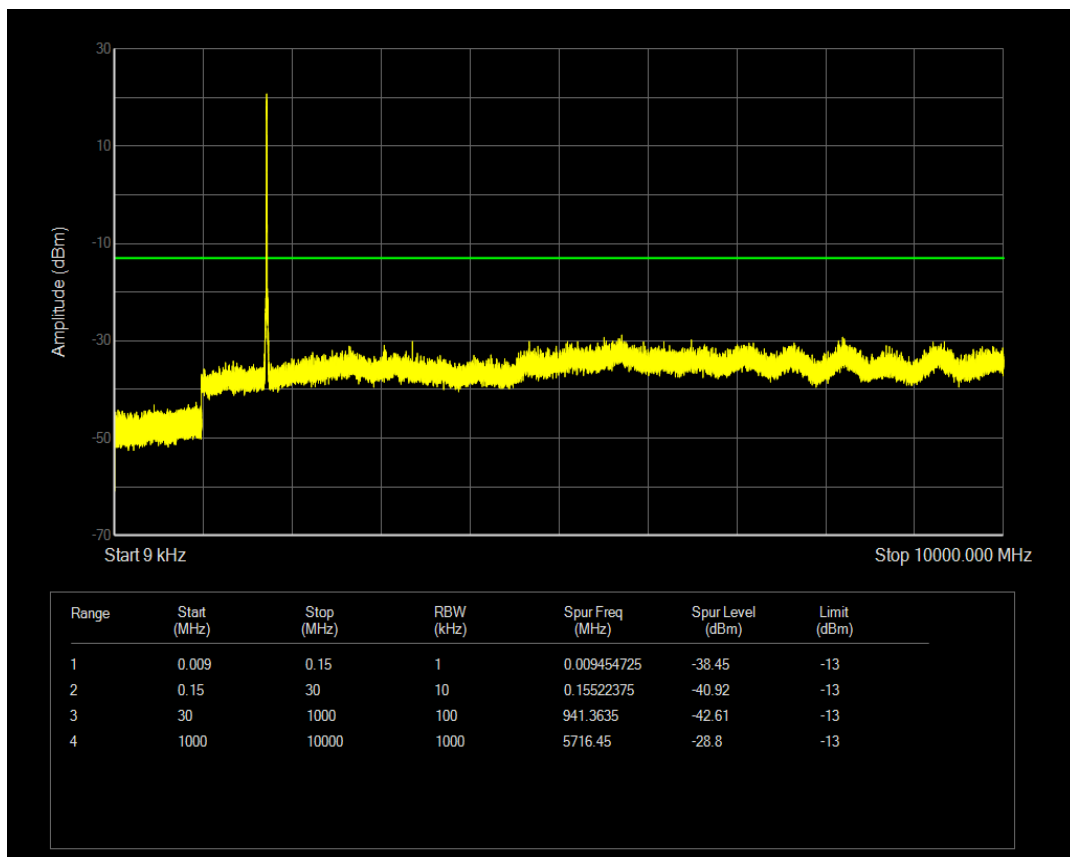
Band4 16QAM BW=5MHz Channel=20175 RB Size=25 Position=#0



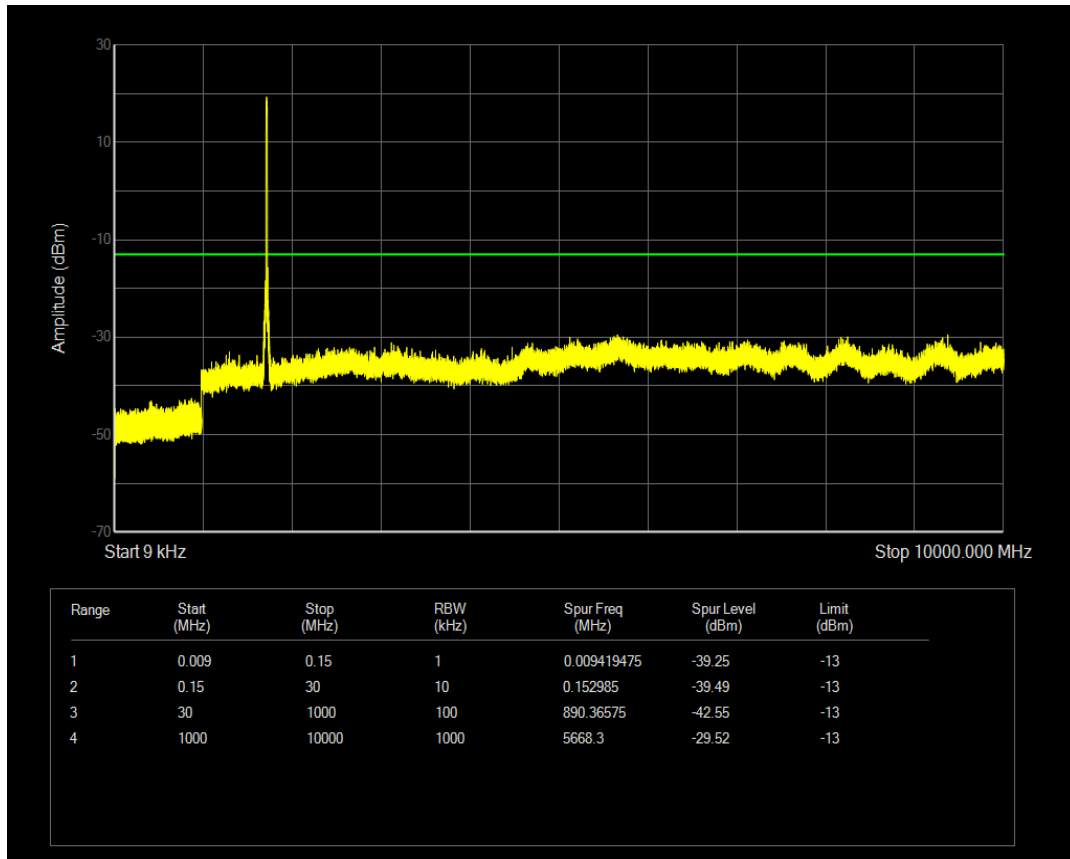
Band4 QPSK BW=10MHz Channel=20175 RB Size=50 Position=#0



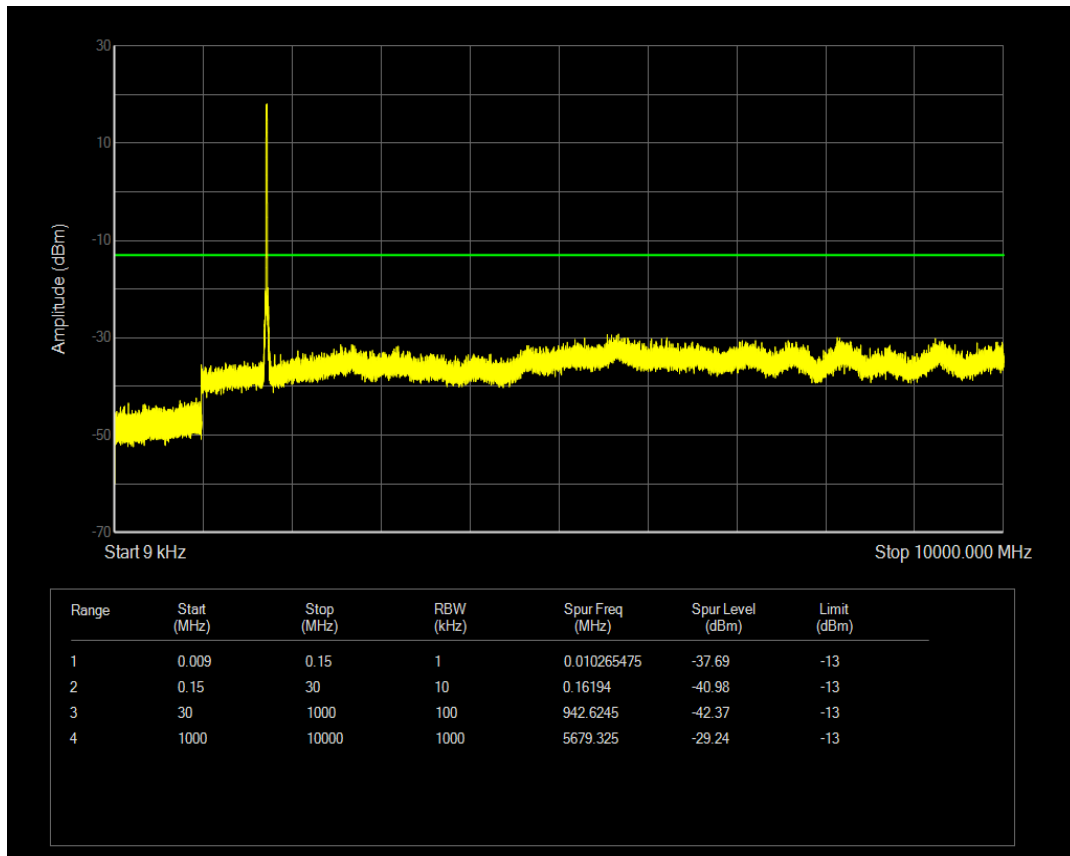
Band4 16QAM BW=10MHz Channel=20175 RB Size=50 Position=#0



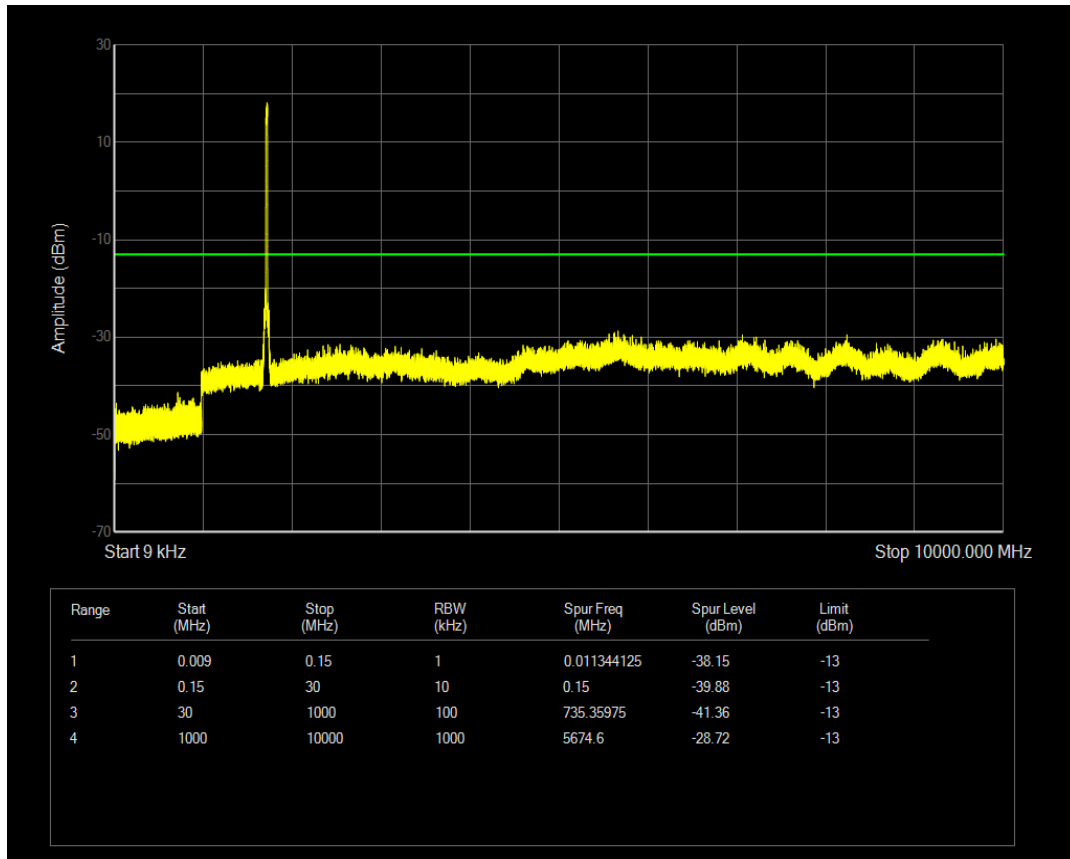
Band4 QPSK BW=15MHz Channel=20175 RB Size=75 Position=#0



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



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



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

