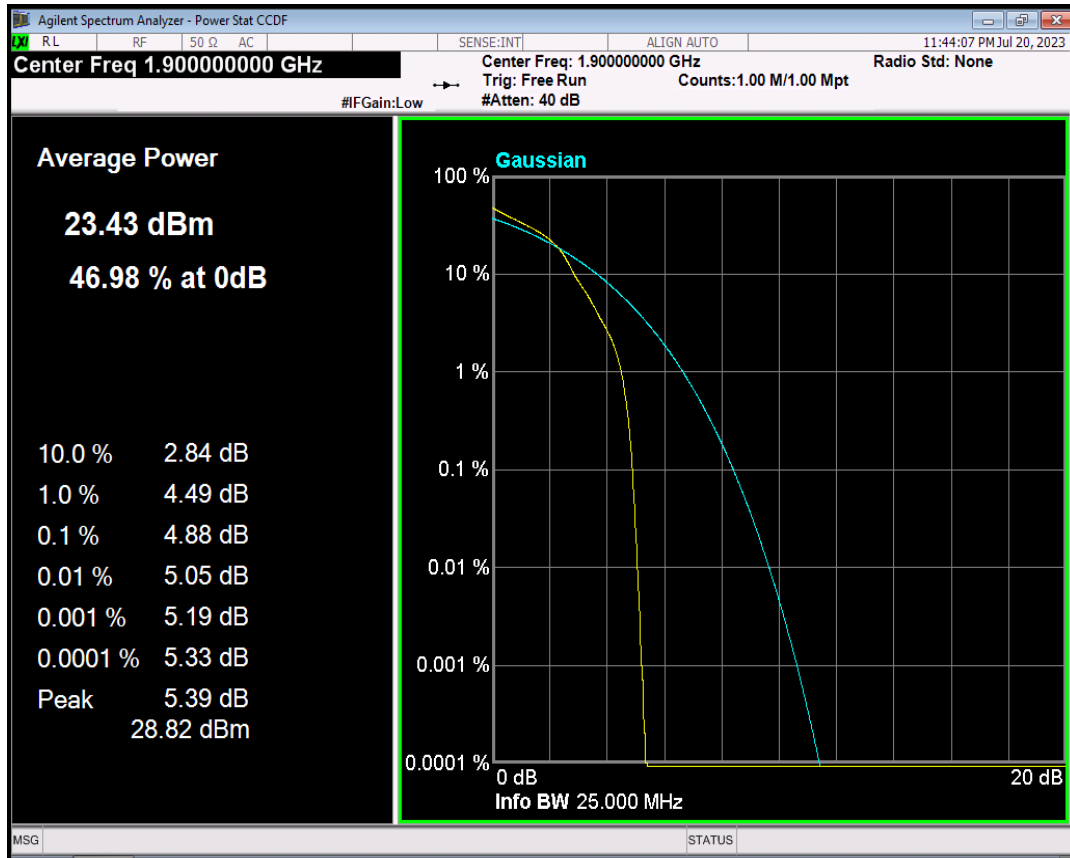


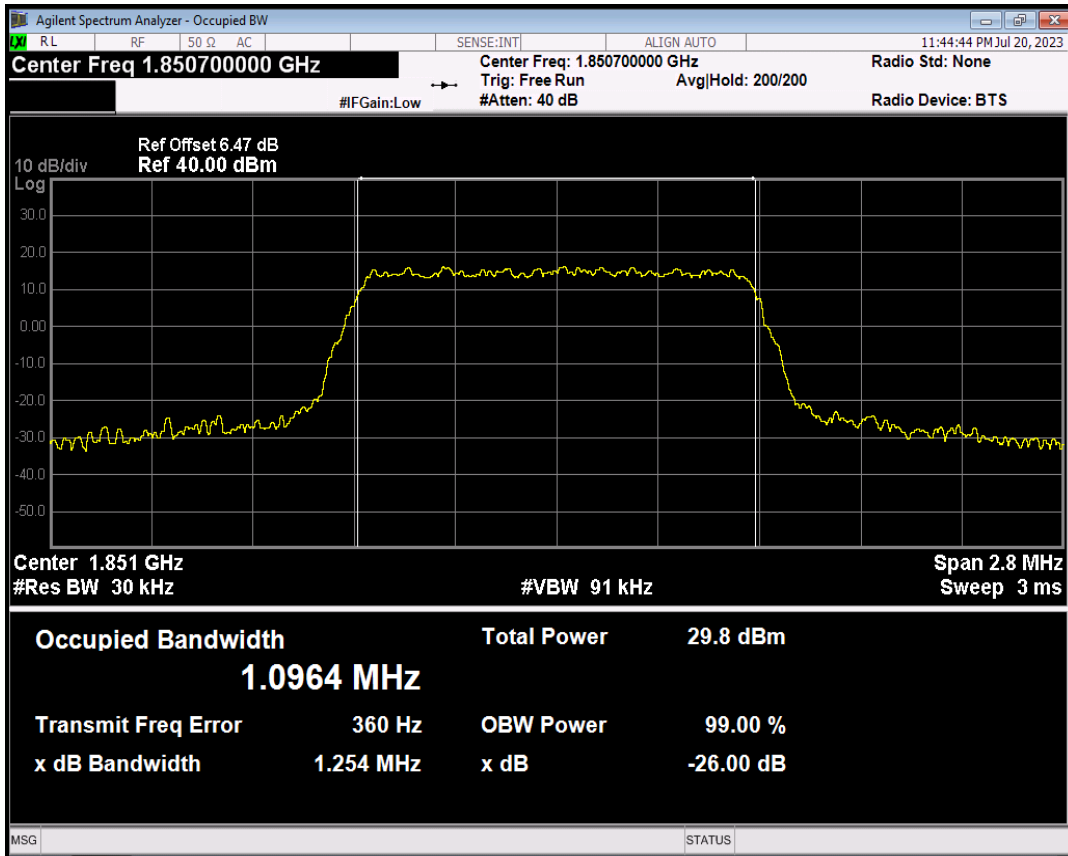
Band2 16QAM BW=20MHz Channel=19100 RB Size=1 Position=#0



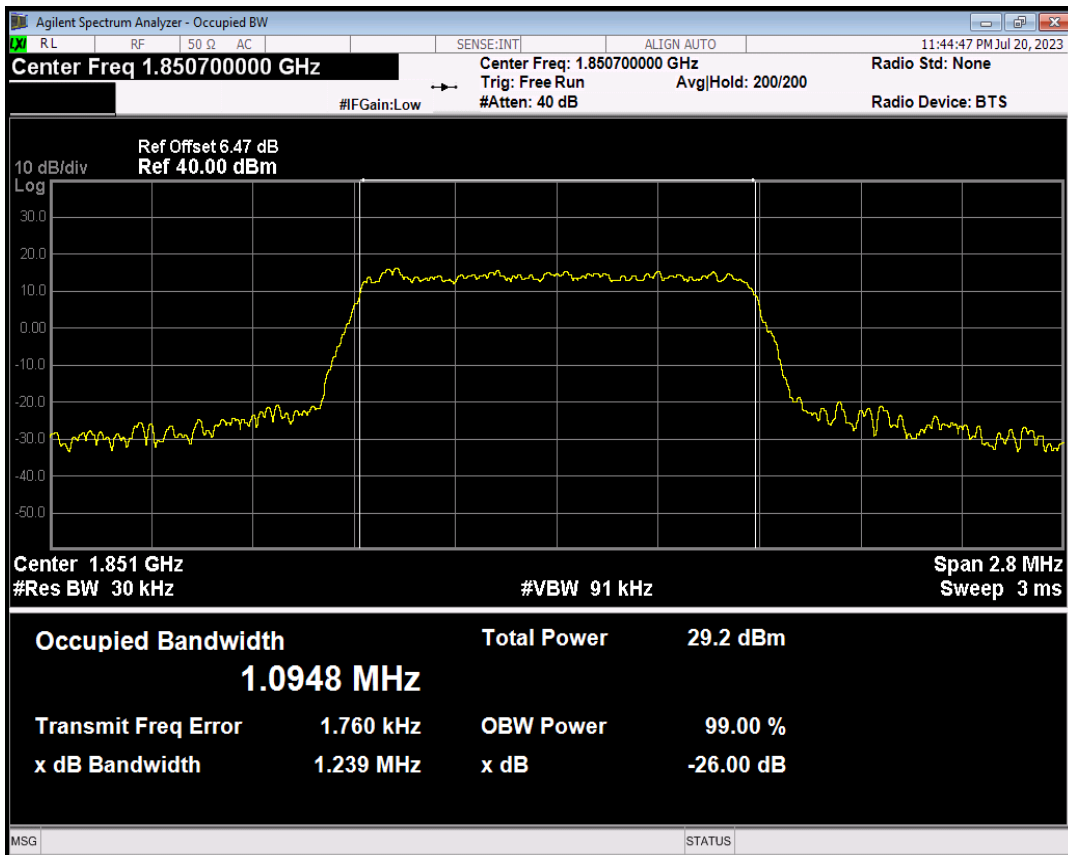
Appendix 4. Occupied bandwidth

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
Band2	1.4	18607	6	#0	QPSK	1.096	1.254	PASS
Band2	1.4	18607	6	#0	16QAM	1.095	1.239	PASS
Band2	1.4	18900	6	#0	QPSK	1.100	1.253	PASS
Band2	1.4	18900	6	#0	16QAM	1.096	1.243	PASS
Band2	1.4	19193	6	#0	QPSK	1.093	1.250	PASS
Band2	1.4	19193	6	#0	16QAM	1.102	1.254	PASS
Band2	3	18615	15	#0	QPSK	2.696	3.057	PASS
Band2	3	18615	15	#0	16QAM	2.693	3.015	PASS
Band2	3	18900	15	#0	QPSK	2.698	3.042	PASS
Band2	3	18900	15	#0	16QAM	2.714	3.032	PASS
Band2	3	19185	15	#0	QPSK	2.707	3.057	PASS
Band2	3	19185	15	#0	16QAM	2.712	3.054	PASS
Band2	5	18625	25	#0	QPSK	4.536	4.932	PASS
Band2	5	18625	25	#0	16QAM	4.498	4.957	PASS
Band2	5	18900	25	#0	QPSK	4.509	4.947	PASS
Band2	5	18900	25	#0	16QAM	4.518	4.909	PASS
Band2	5	19175	25	#0	QPSK	4.518	4.975	PASS
Band2	5	19175	25	#0	16QAM	4.527	4.985	PASS
Band2	10	18650	50	#0	QPSK	8.987	9.815	PASS
Band2	10	18650	50	#0	16QAM	9.015	9.913	PASS
Band2	10	18900	50	#0	QPSK	9.013	9.814	PASS
Band2	10	18900	50	#0	16QAM	8.984	9.833	PASS
Band2	10	19150	50	#0	QPSK	9.035	9.907	PASS
Band2	10	19150	50	#0	16QAM	9.025	9.889	PASS
Band2	15	18675	75	#0	QPSK	13.450	14.872	PASS
Band2	15	18675	75	#0	16QAM	13.486	14.736	PASS
Band2	15	18900	75	#0	QPSK	13.475	14.884	PASS
Band2	15	18900	75	#0	16QAM	13.484	14.853	PASS
Band2	15	19125	75	#0	QPSK	13.446	14.723	PASS
Band2	15	19125	75	#0	16QAM	13.443	14.726	PASS
Band2	20	18700	100	#0	QPSK	17.961	19.476	PASS
Band2	20	18700	100	#0	16QAM	17.990	19.781	PASS
Band2	20	18900	100	#0	QPSK	18.029	19.674	PASS
Band2	20	18900	100	#0	16QAM	18.098	19.850	PASS
Band2	20	19100	100	#0	QPSK	17.954	19.641	PASS
Band2	20	19100	100	#0	16QAM	17.956	19.541	PASS

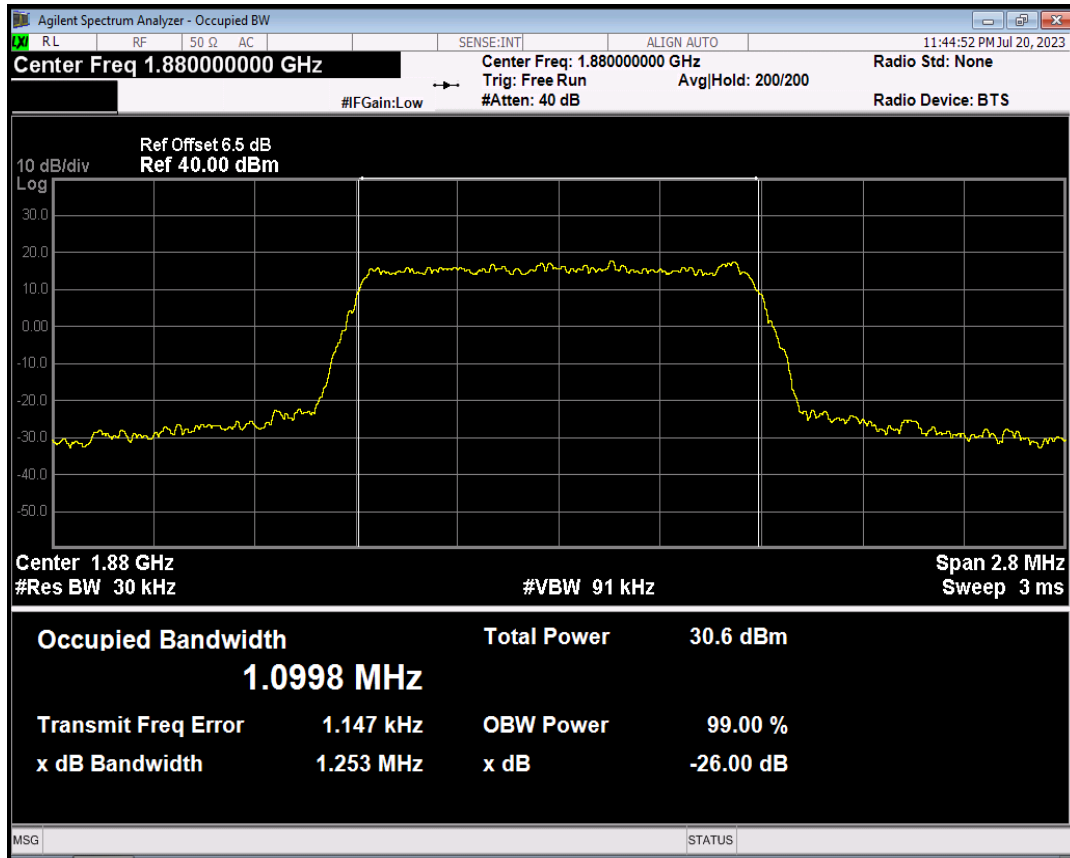
Band2 QPSK BW=1.4MHz Channel=18607 RB Size=6 Position=#0



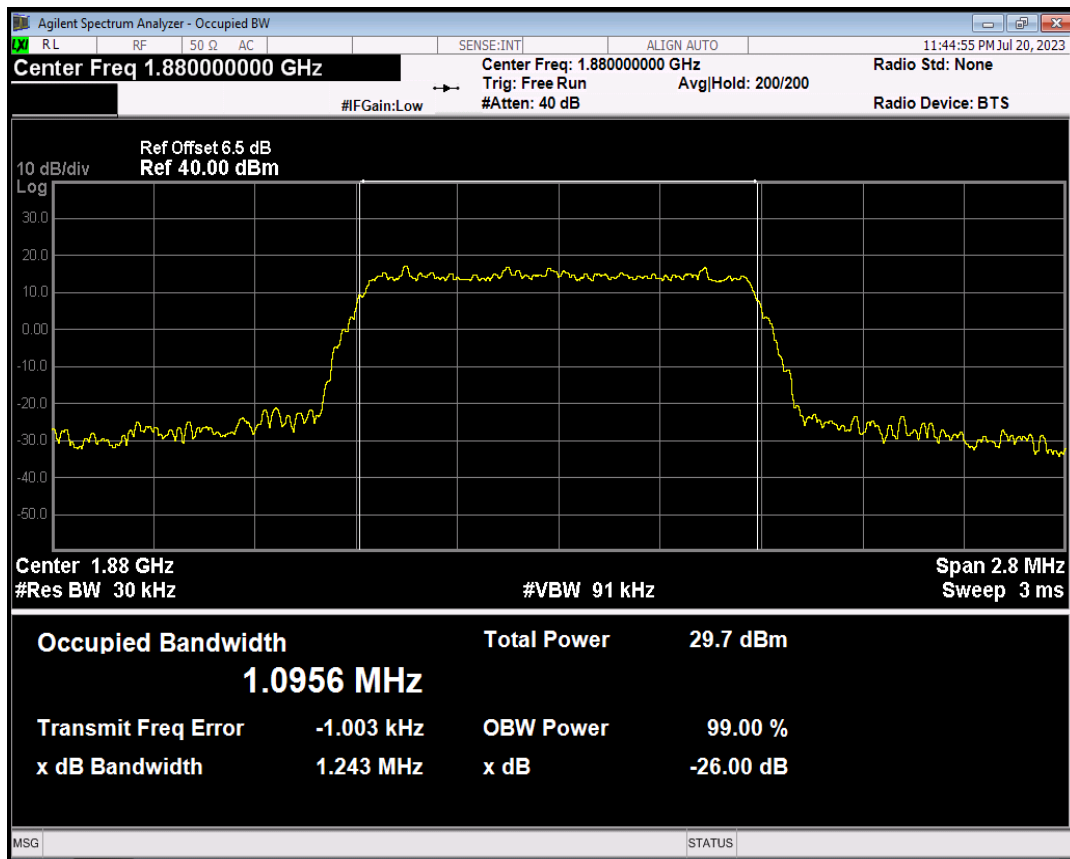
Band2 16QAM BW=1.4MHz Channel=18607 RB Size=6 Position=#0



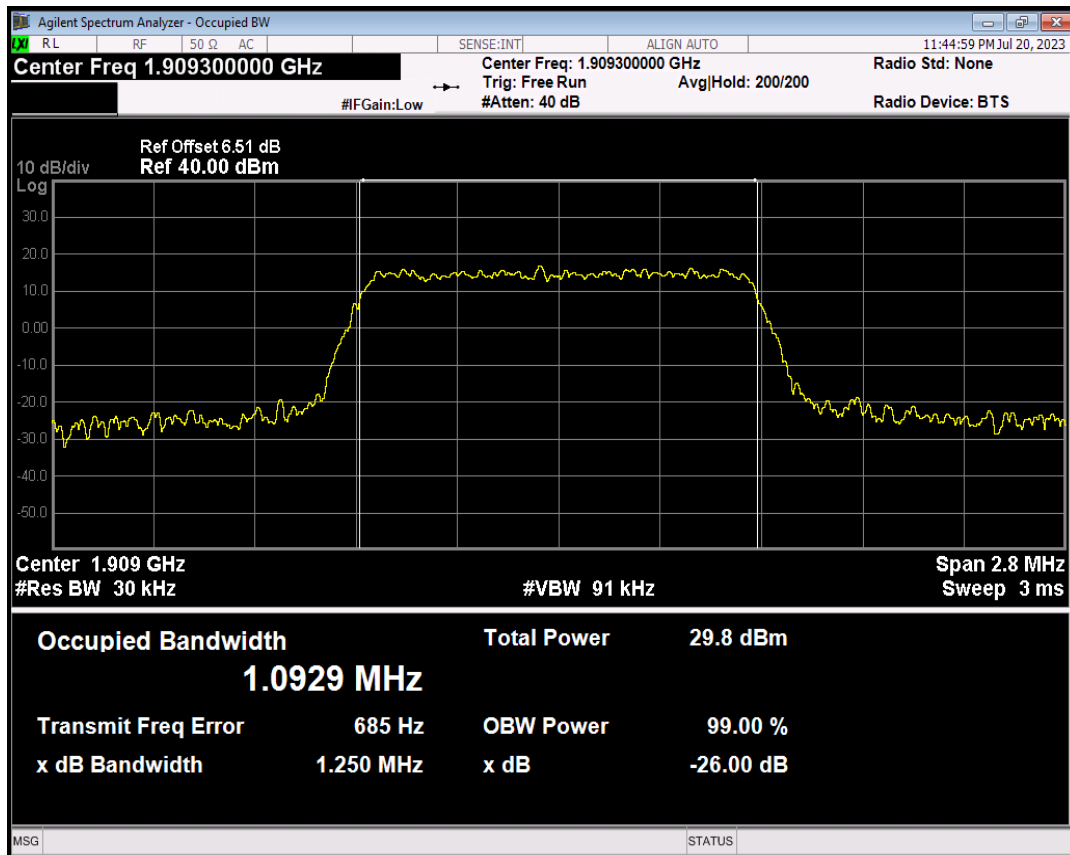
Band2 QPSK BW=1.4MHz Channel=18900 RB Size=6 Position=#0



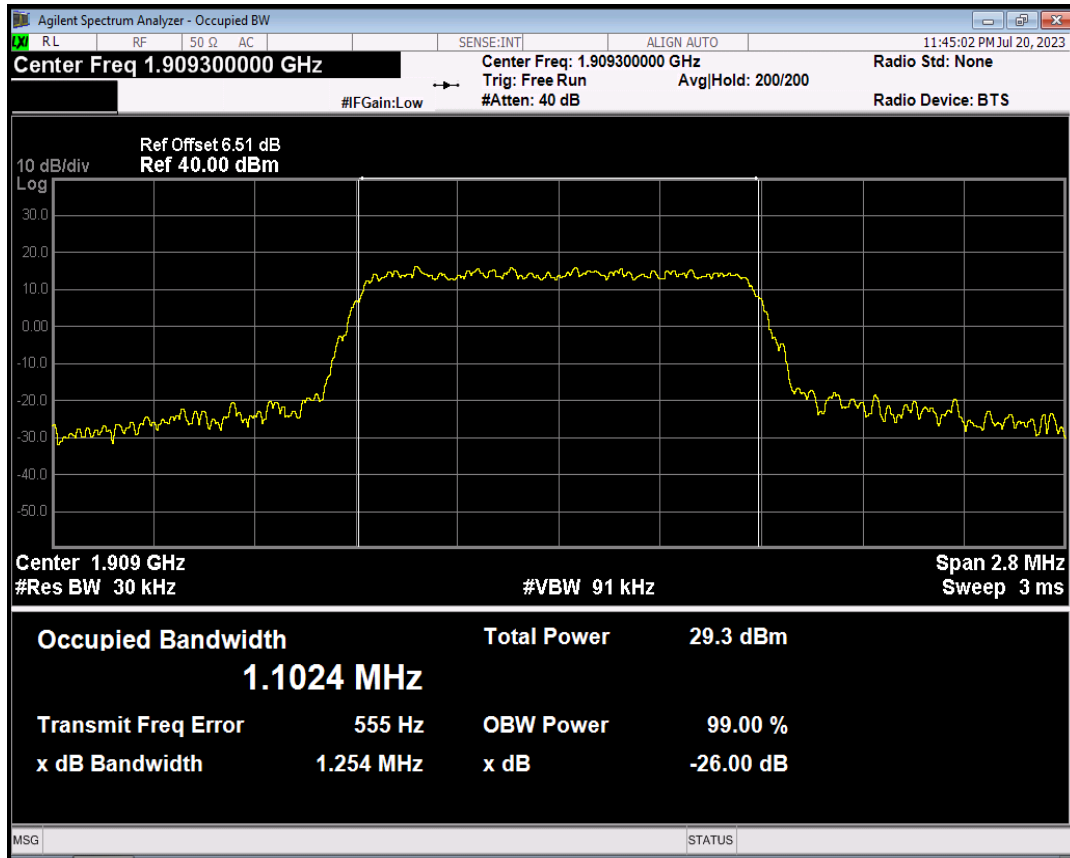
Band2 16QAM BW=1.4MHz Channel=18900 RB Size=6 Position=#0



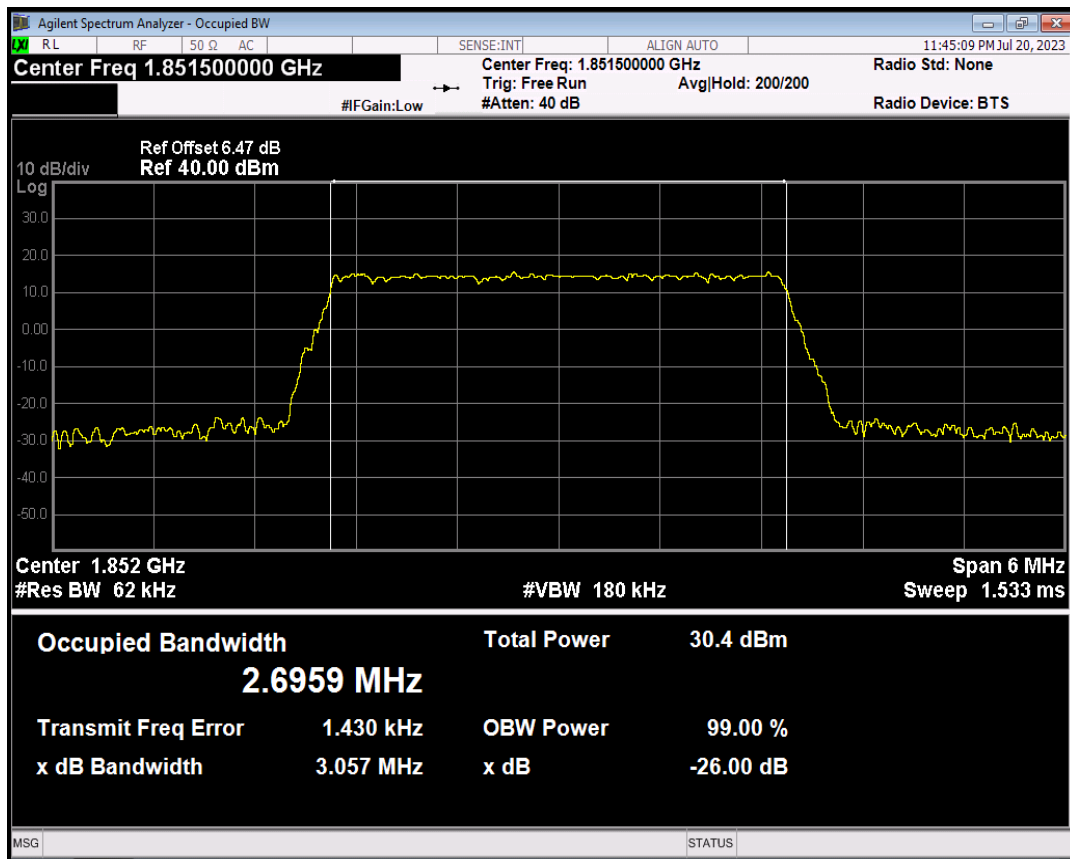
Band2 QPSK BW=1.4MHz Channel=19193 RB Size=6 Position=#0



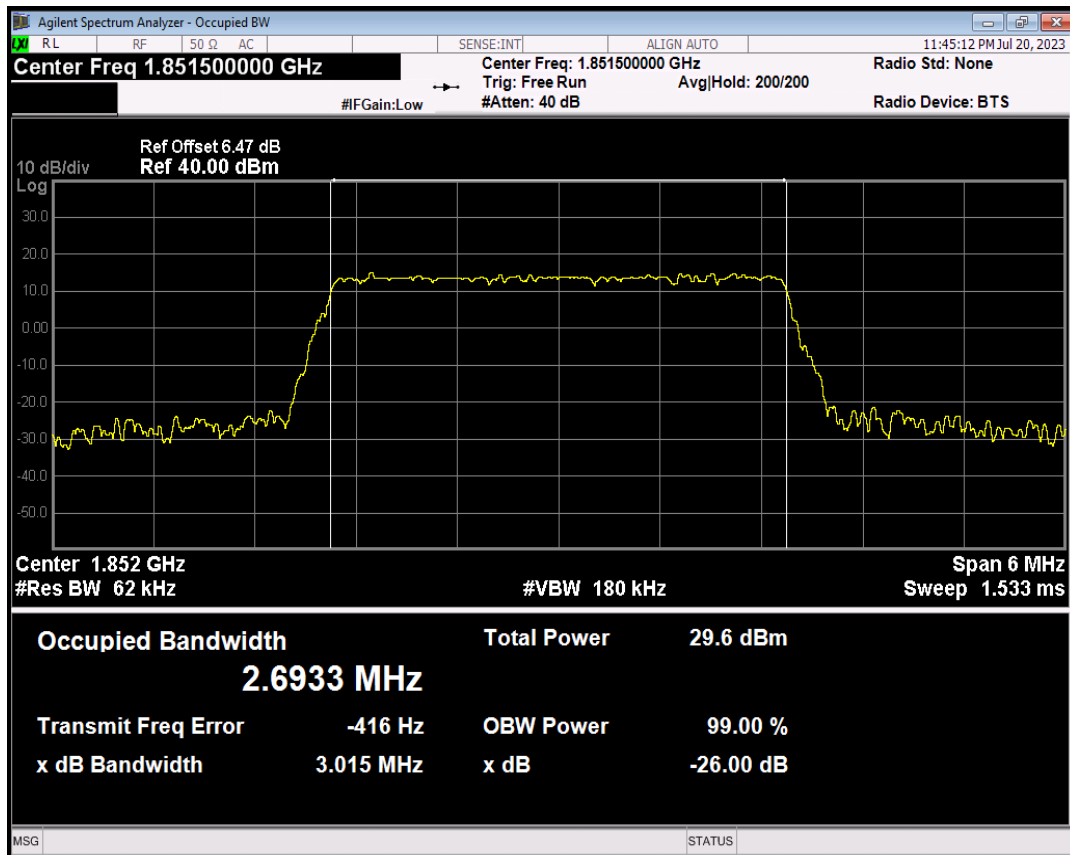
Band2 16QAM BW=1.4MHz Channel=19193 RB Size=6 Position=#0



Band2 QPSK BW=3MHz Channel=18615 RB Size=15 Position=#0

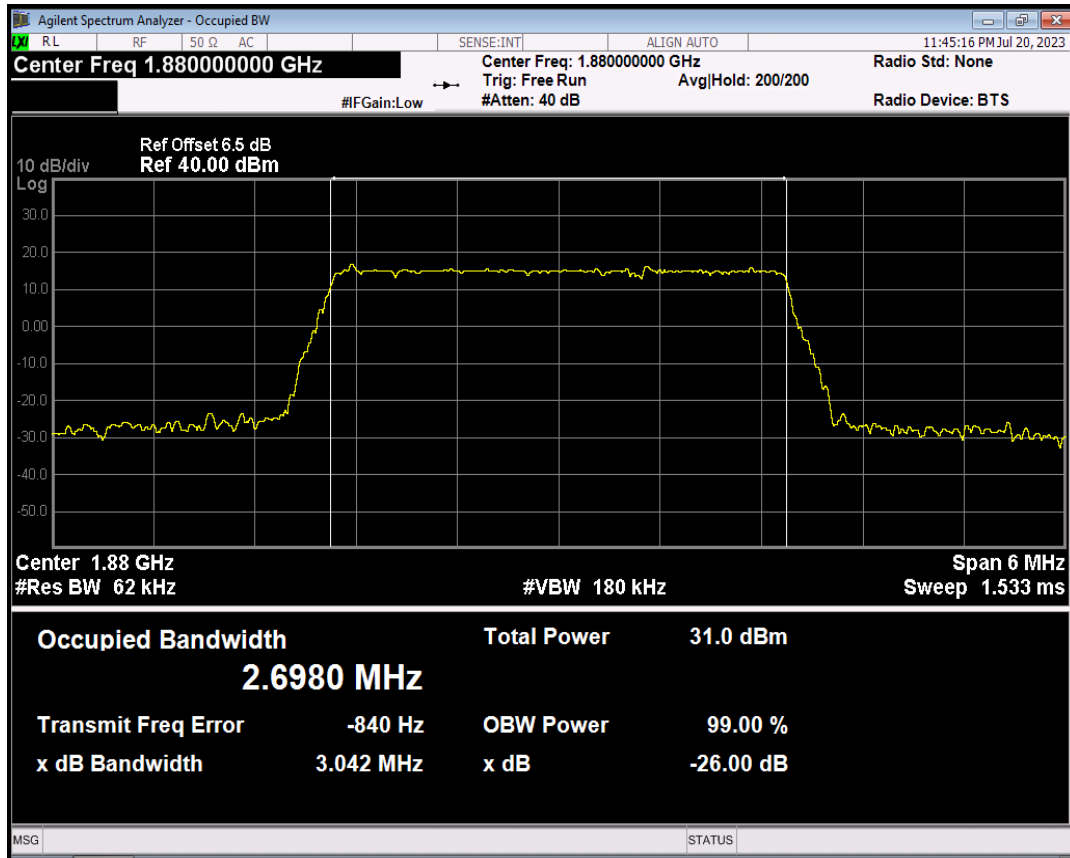


Band2 16QAM BW=3MHz Channel=18615 RB Size=15 Position=#0

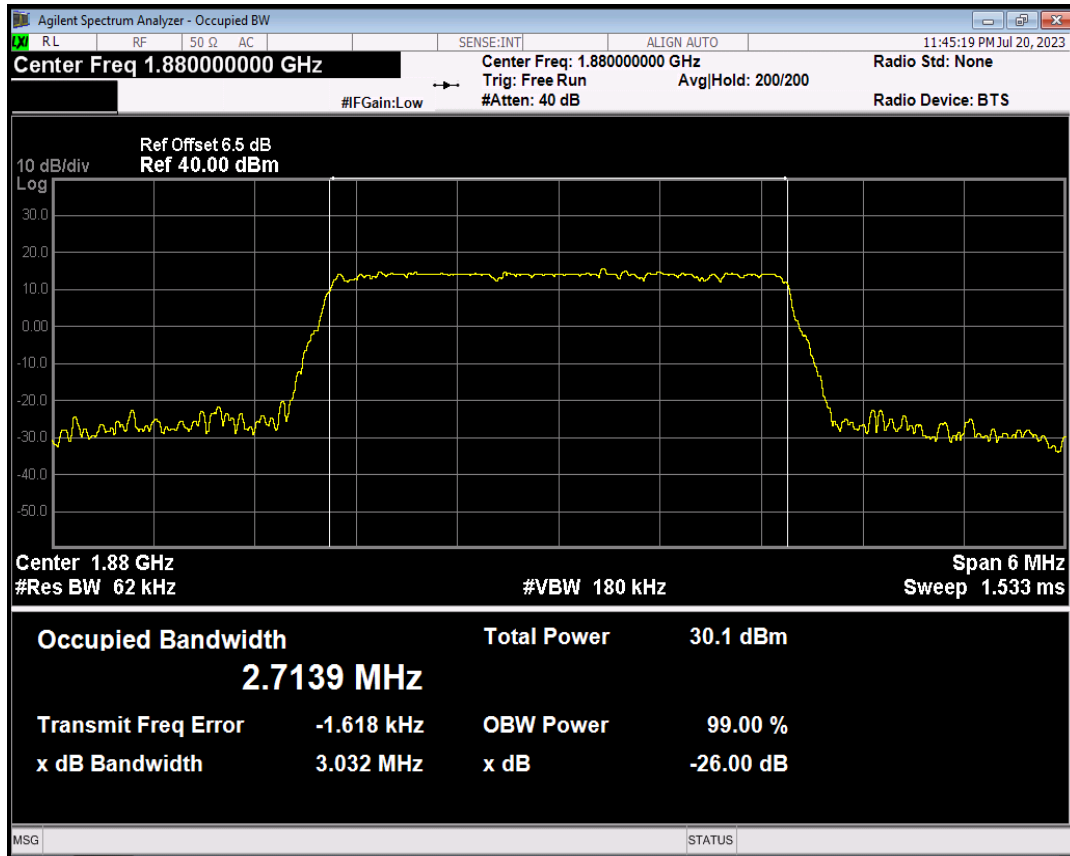




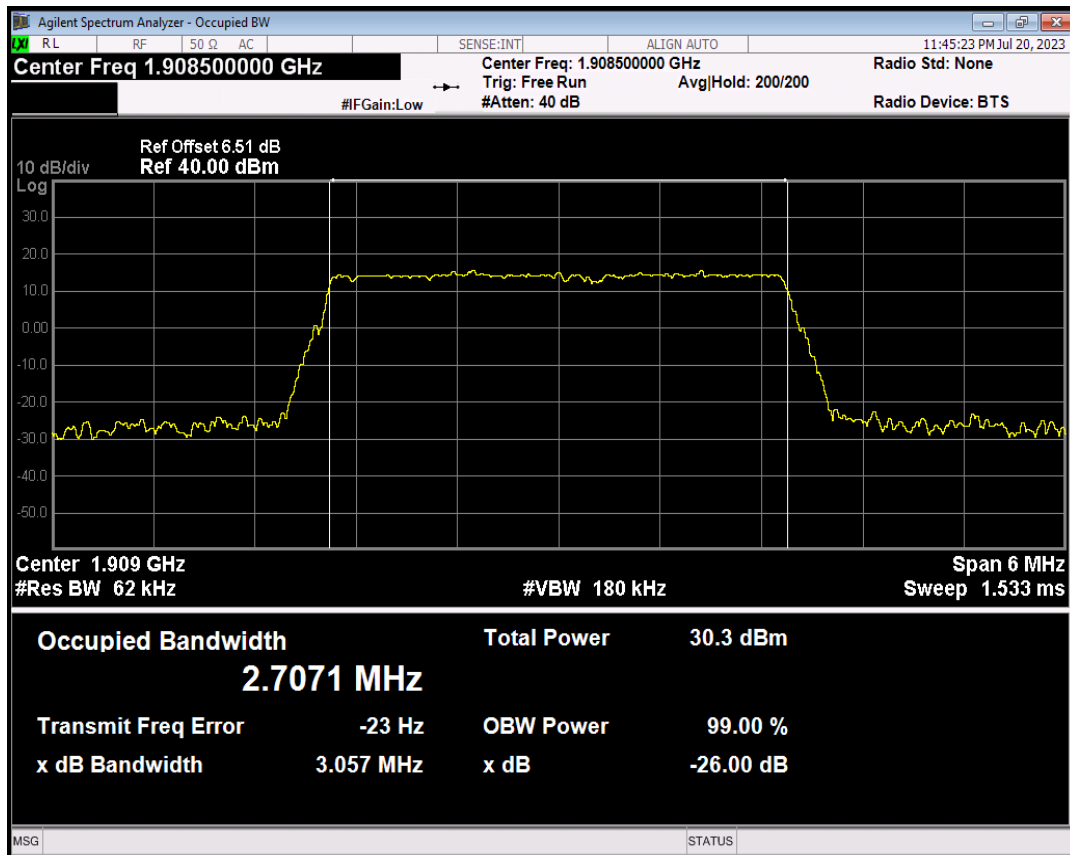
Band2 QPSK BW=3MHz Channel=18900 RB Size=15 Position=#0



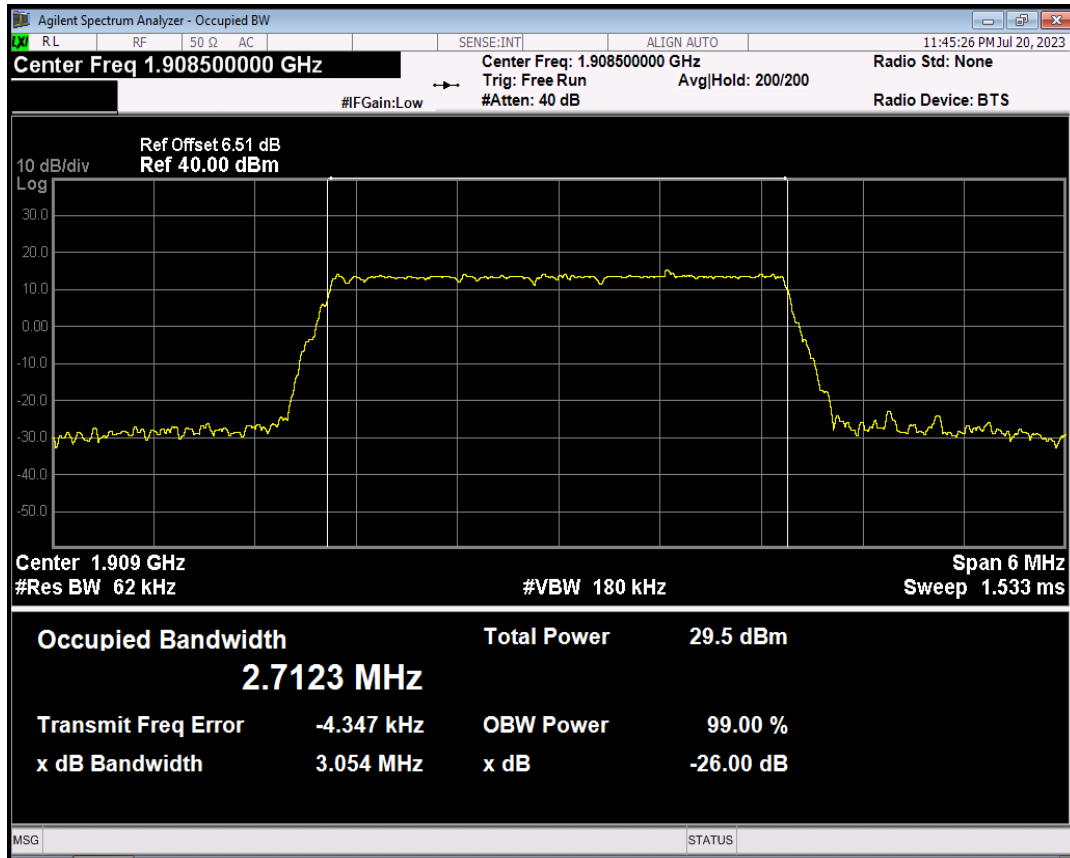
Band2 16QAM BW=3MHz Channel=18900 RB Size=15 Position=#0



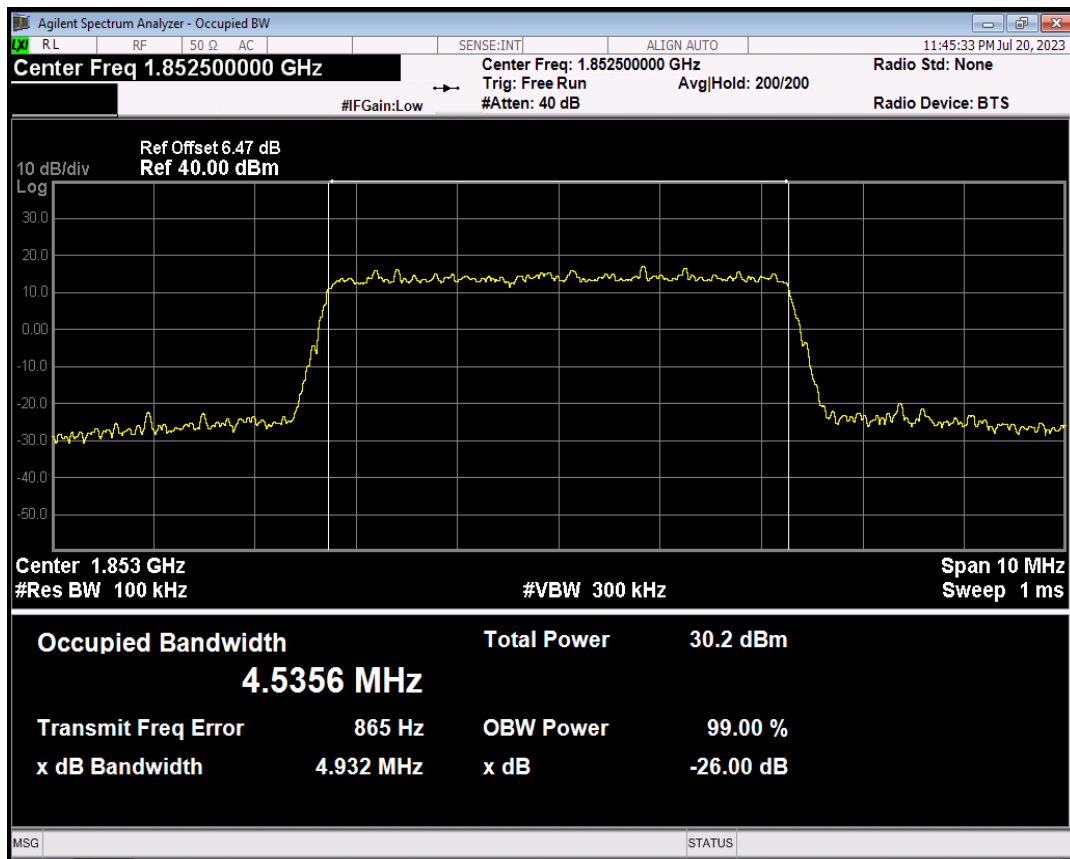
Band2 QPSK BW=3MHz Channel=19185 RB Size=15 Position=#0



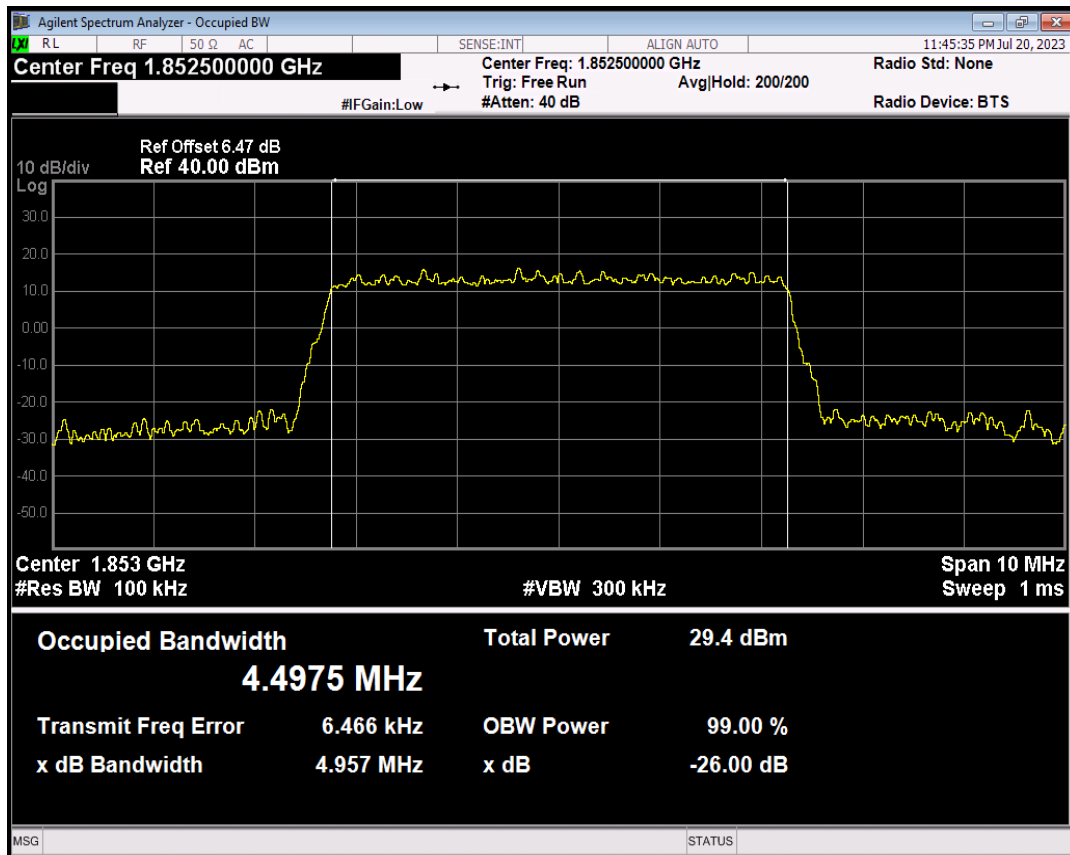
Band2 16QAM BW=3MHz Channel=19185 RB Size=15 Position=#0



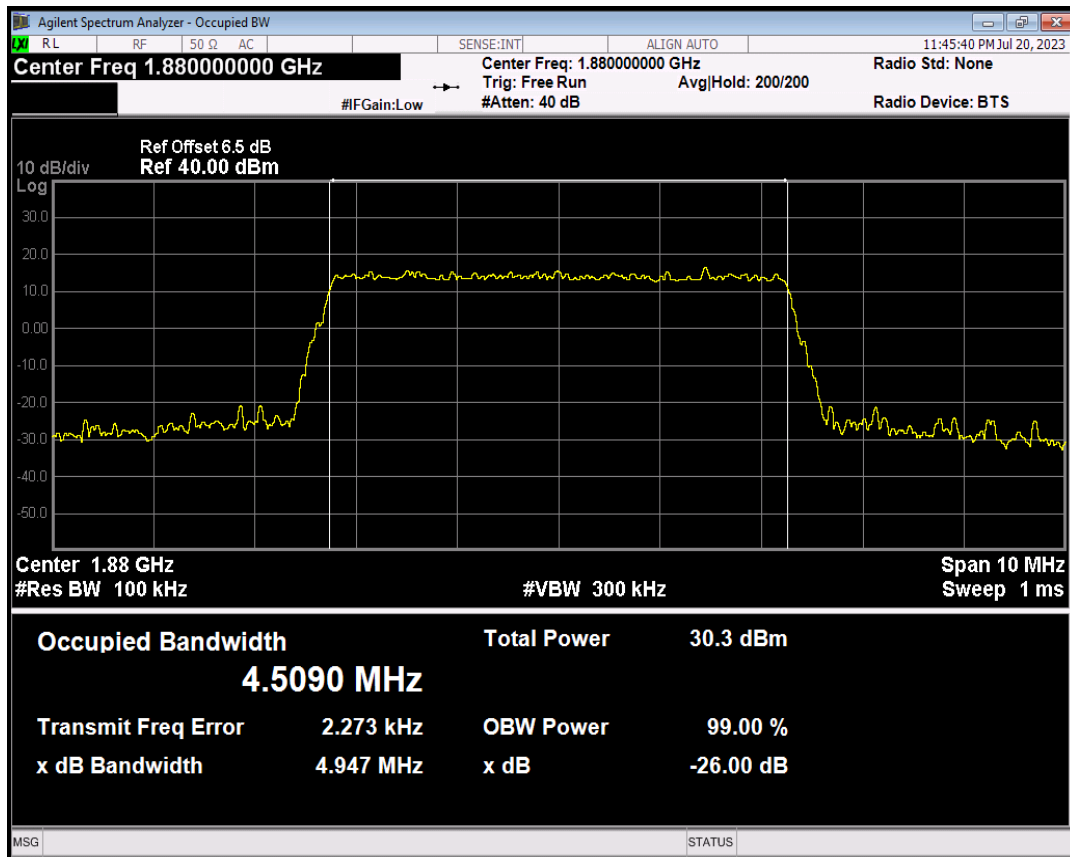
Band2 QPSK BW=5MHz Channel=18625 RB Size=25 Position=#0



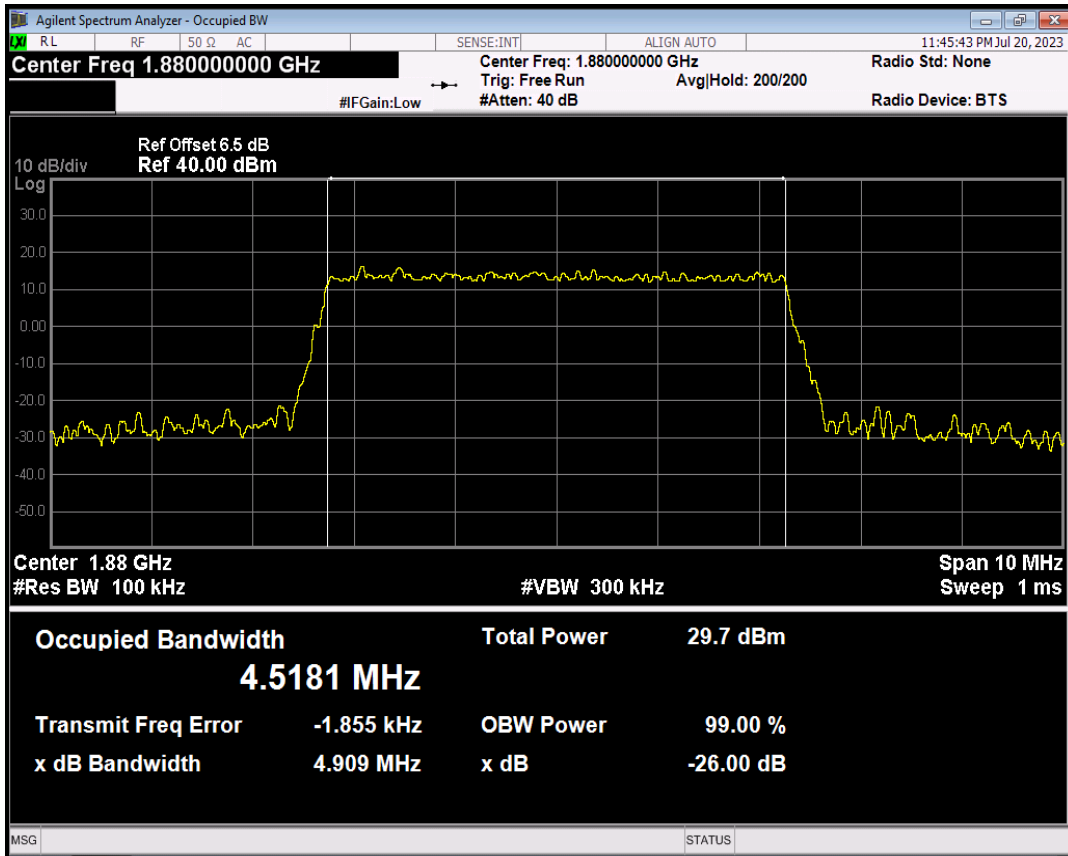
Band2 16QAM BW=5MHz Channel=18625 RB Size=25 Position=#0



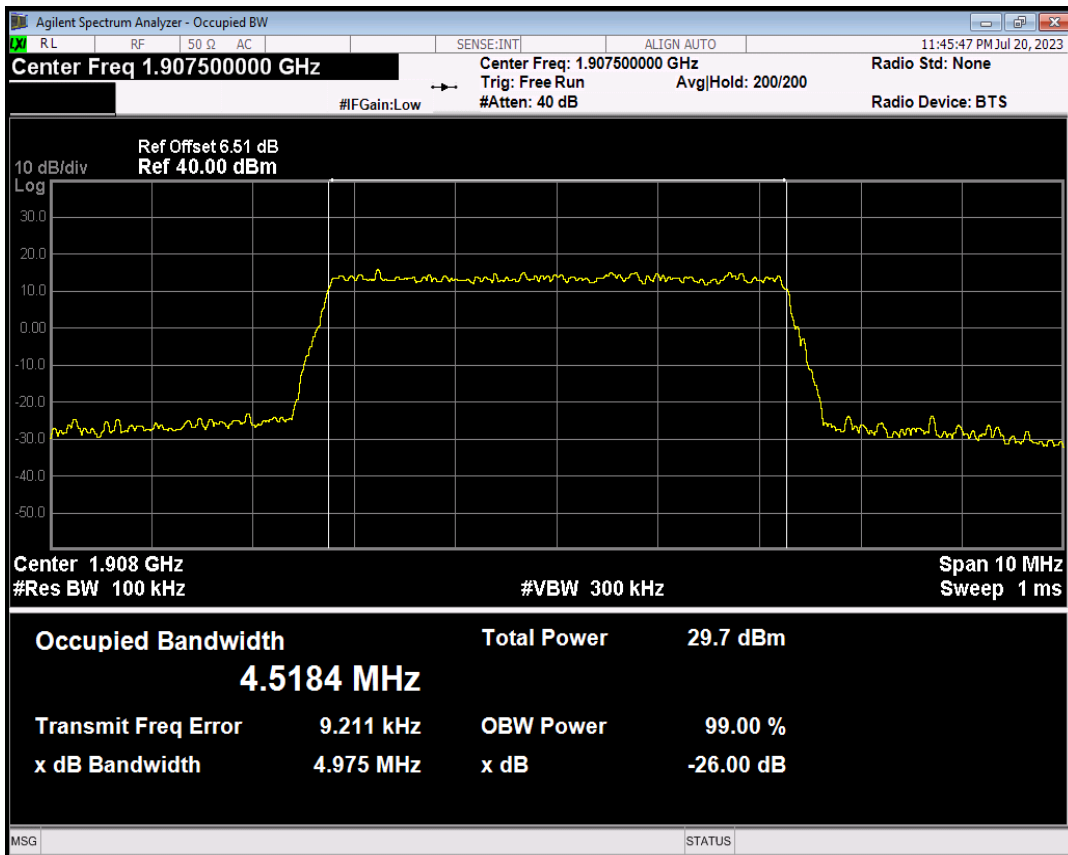
Band2 QPSK BW=5MHz Channel=18900 RB Size=25 Position=#0



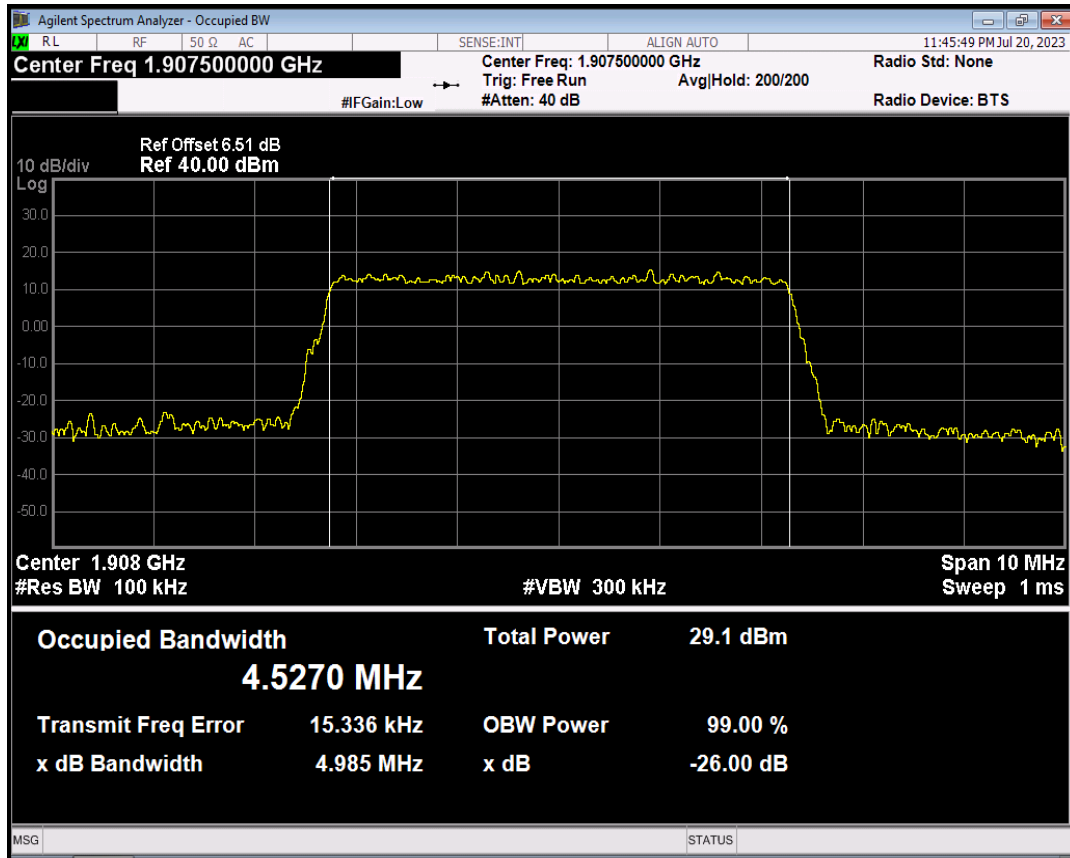
Band2 16QAM BW=5MHz Channel=18900 RB Size=25 Position=#0



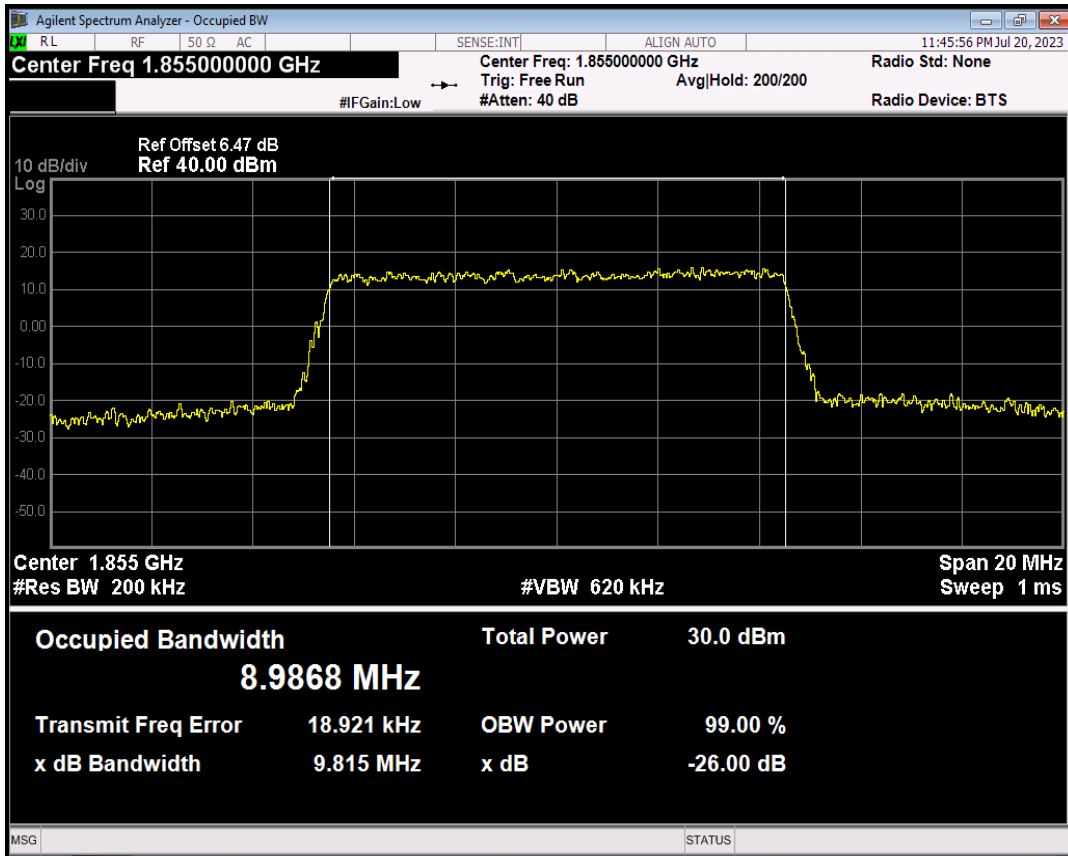
Band2 QPSK BW=5MHz Channel=19175 RB Size=25 Position=#0



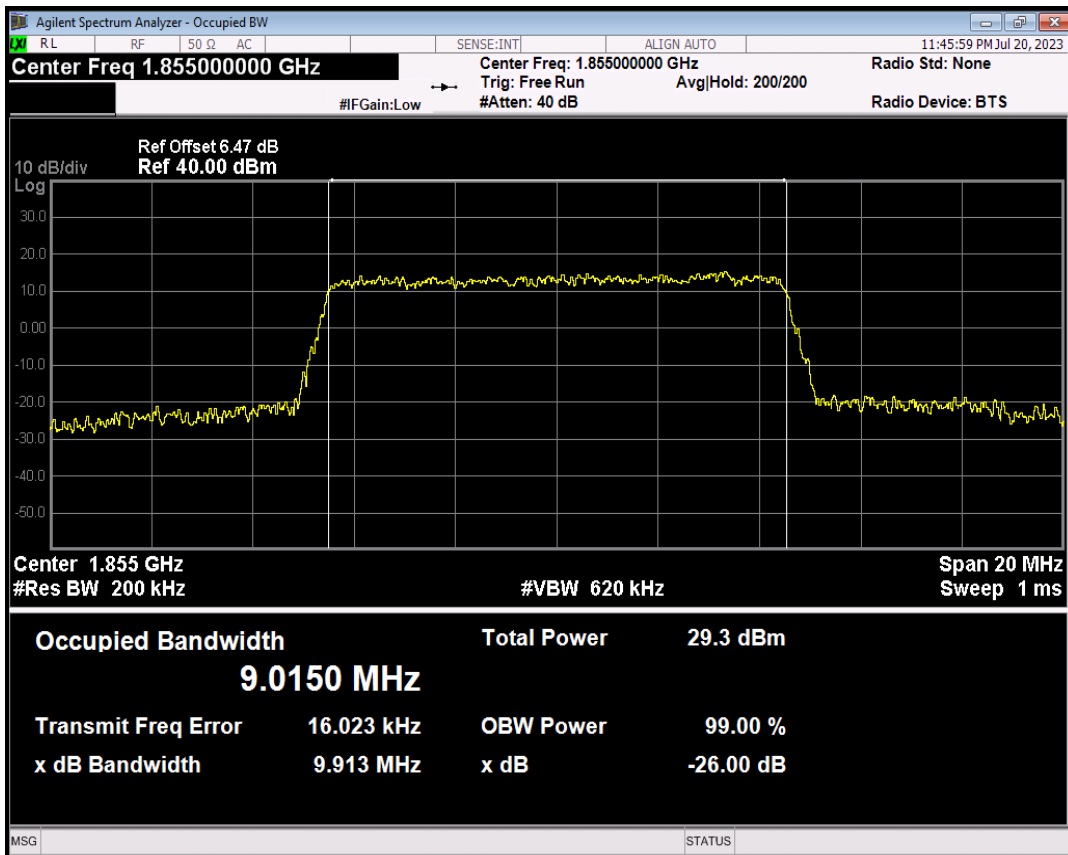
Band2 16QAM BW=5MHz Channel=19175 RB Size=25 Position=#0



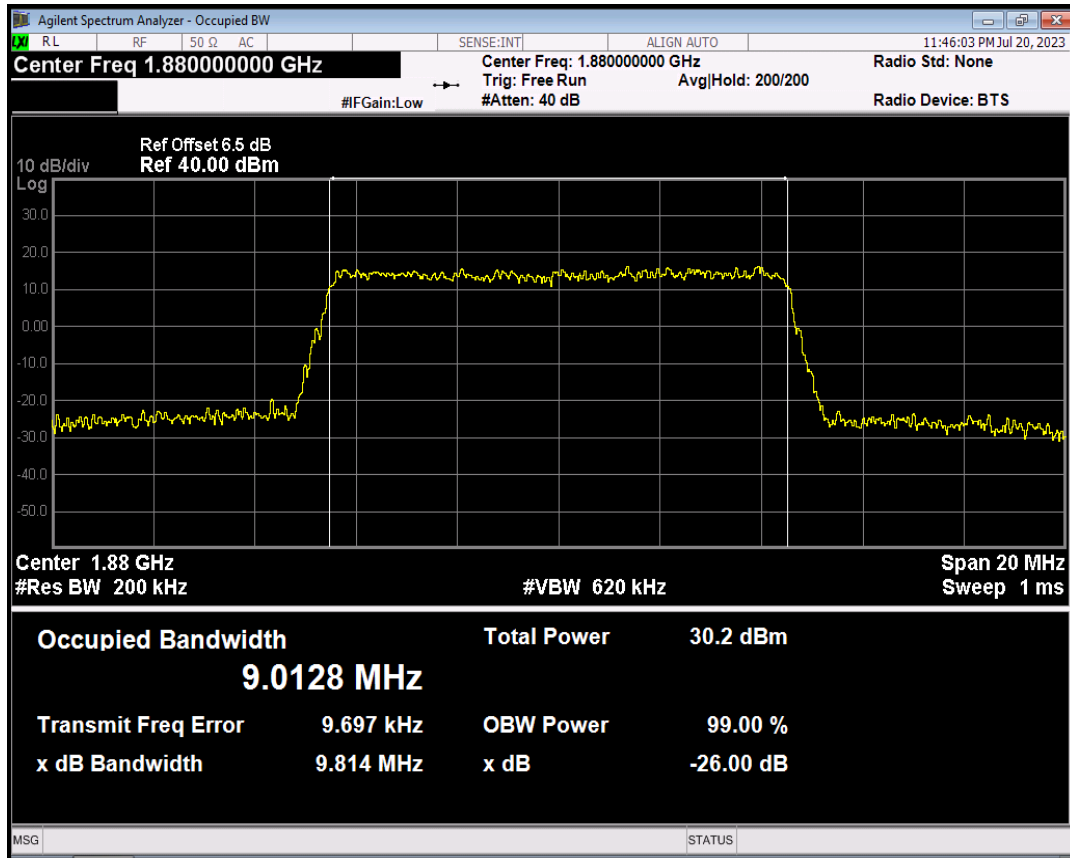
Band2 QPSK BW=10MHz Channel=18650 RB Size=50 Position=#0



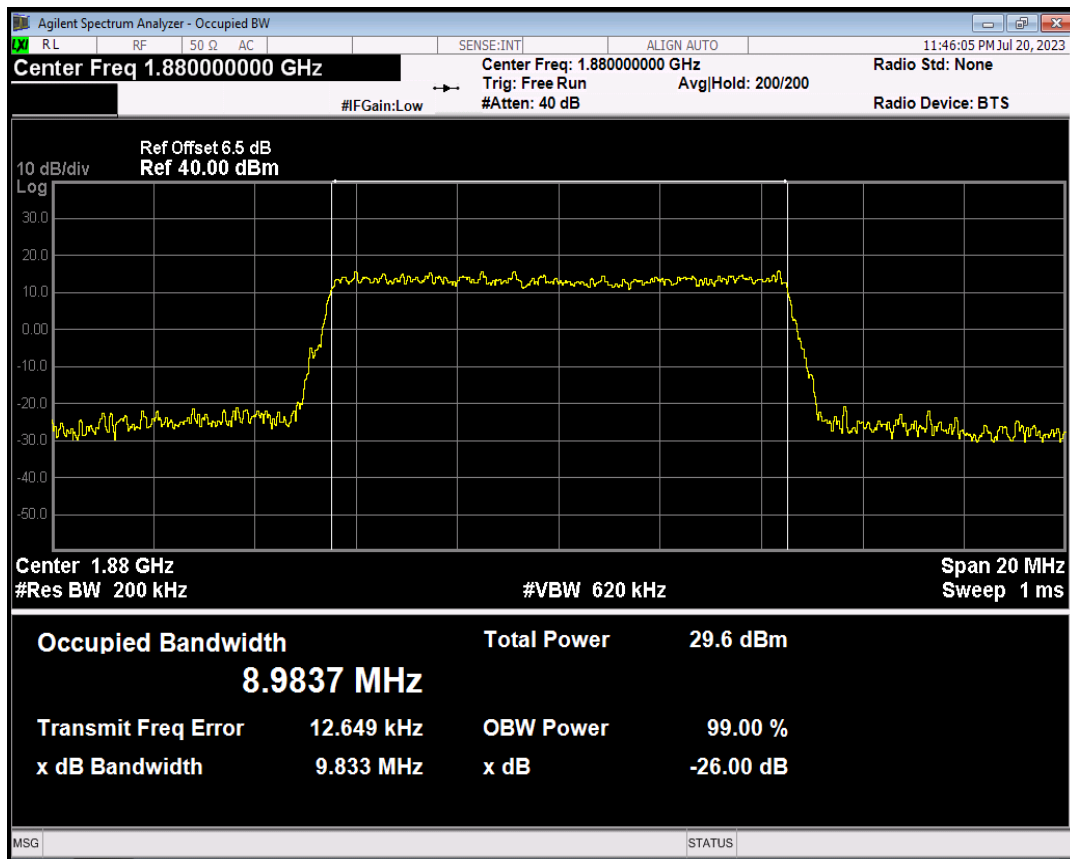
Band2 16QAM BW=10MHz Channel=18650 RB Size=50 Position=#0



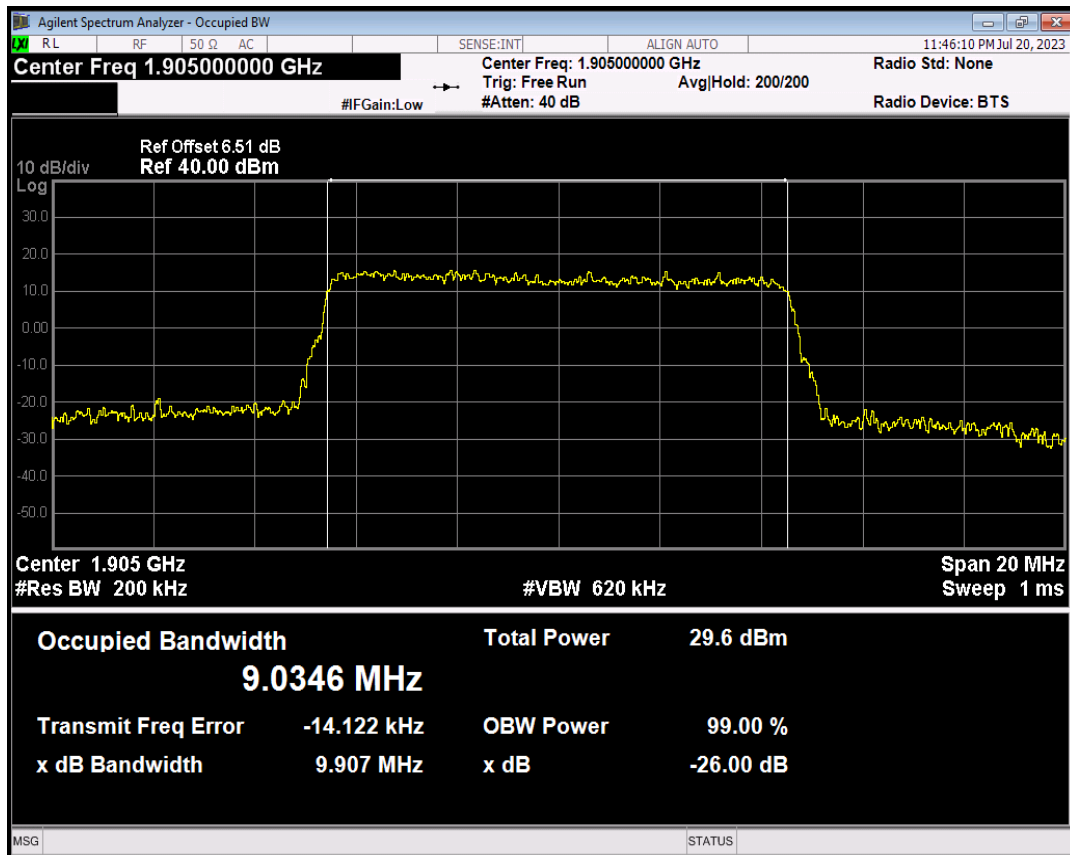
Band2 QPSK BW=10MHz Channel=18900 RB Size=50 Position=#0



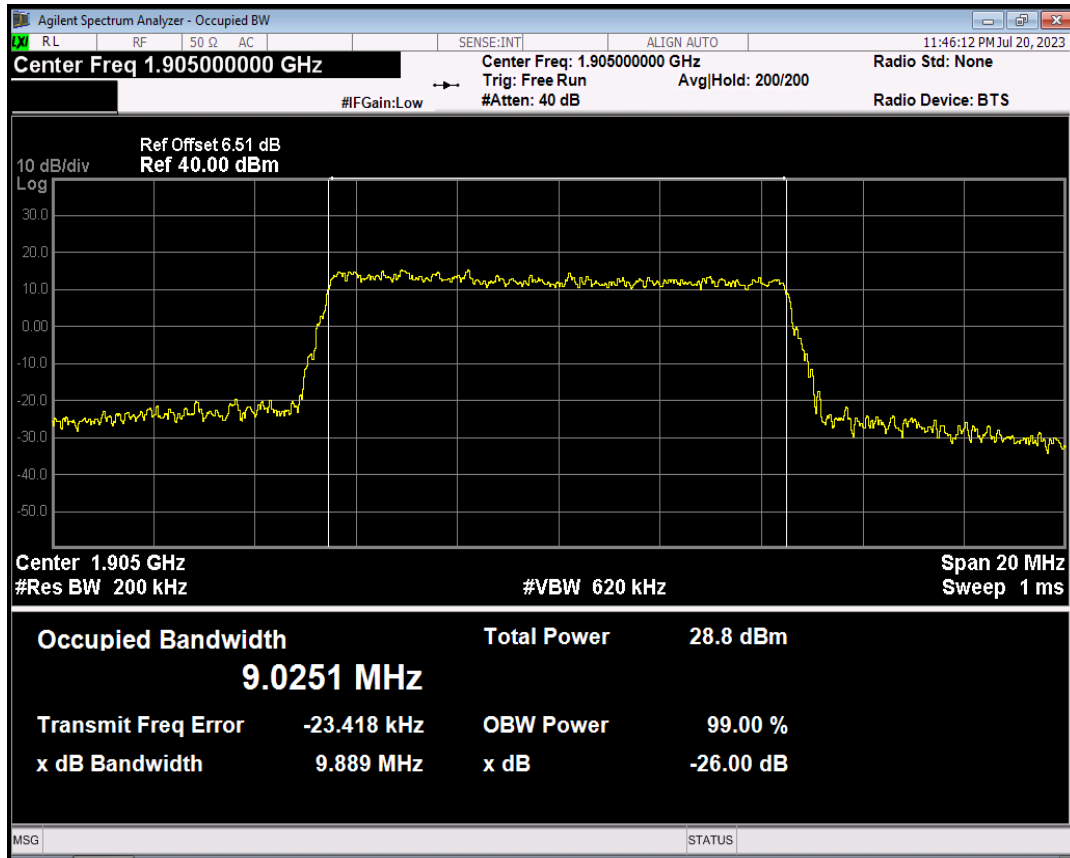
Band2 16QAM BW=10MHz Channel=18900 RB Size=50 Position=#0



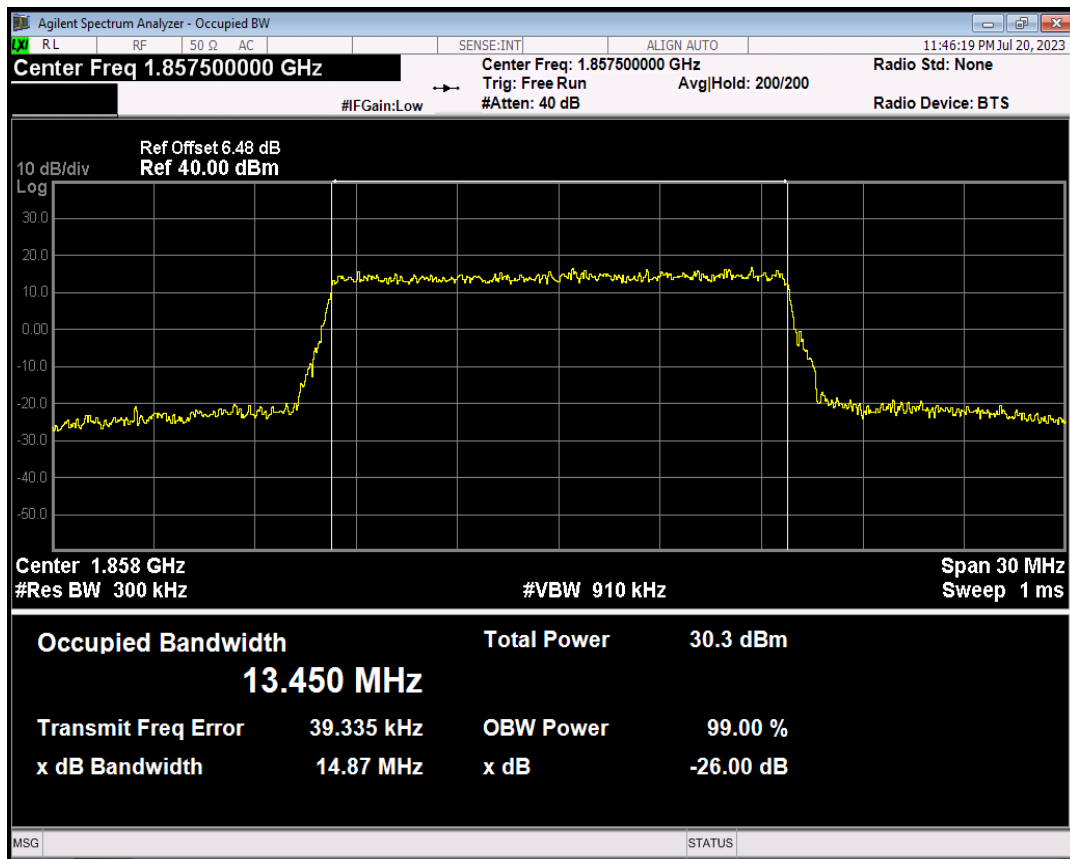
Band2 QPSK BW=10MHz Channel=19150 RB Size=50 Position=#0



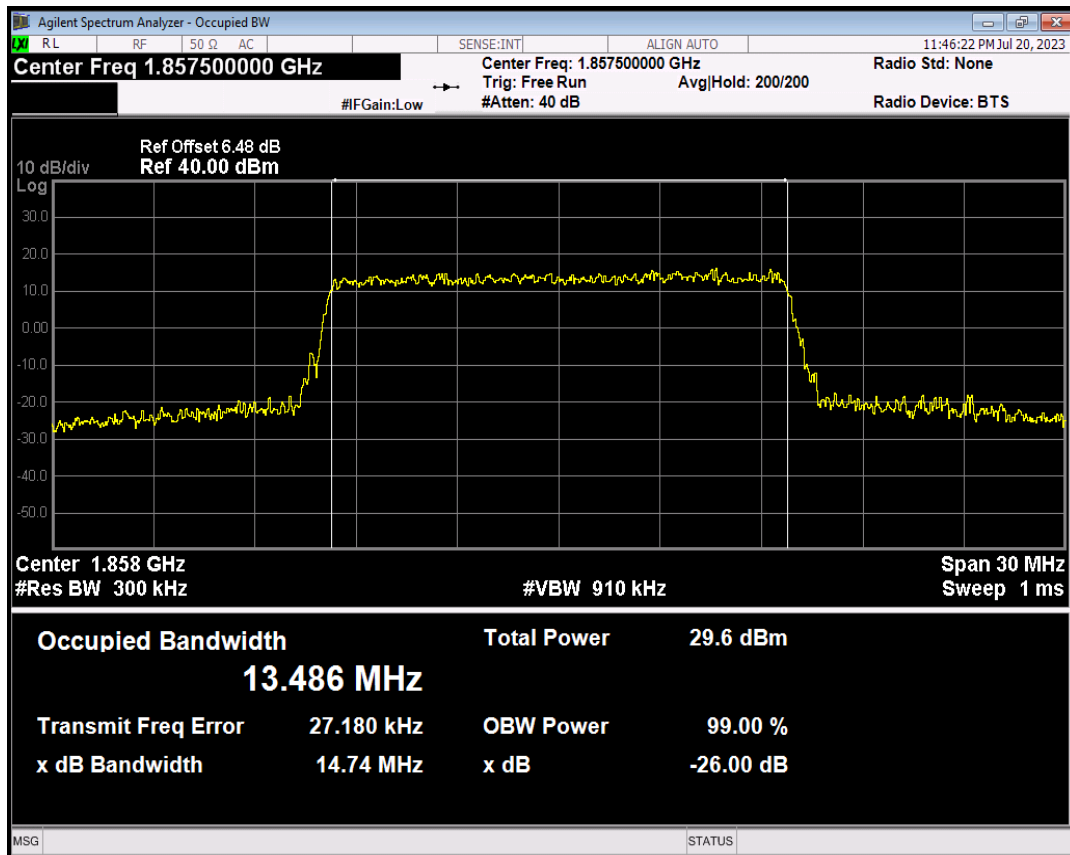
Band2 16QAM BW=10MHz Channel=19150 RB Size=50 Position=#0



Band2 QPSK BW=15MHz Channel=18675 RB Size=75 Position=#0

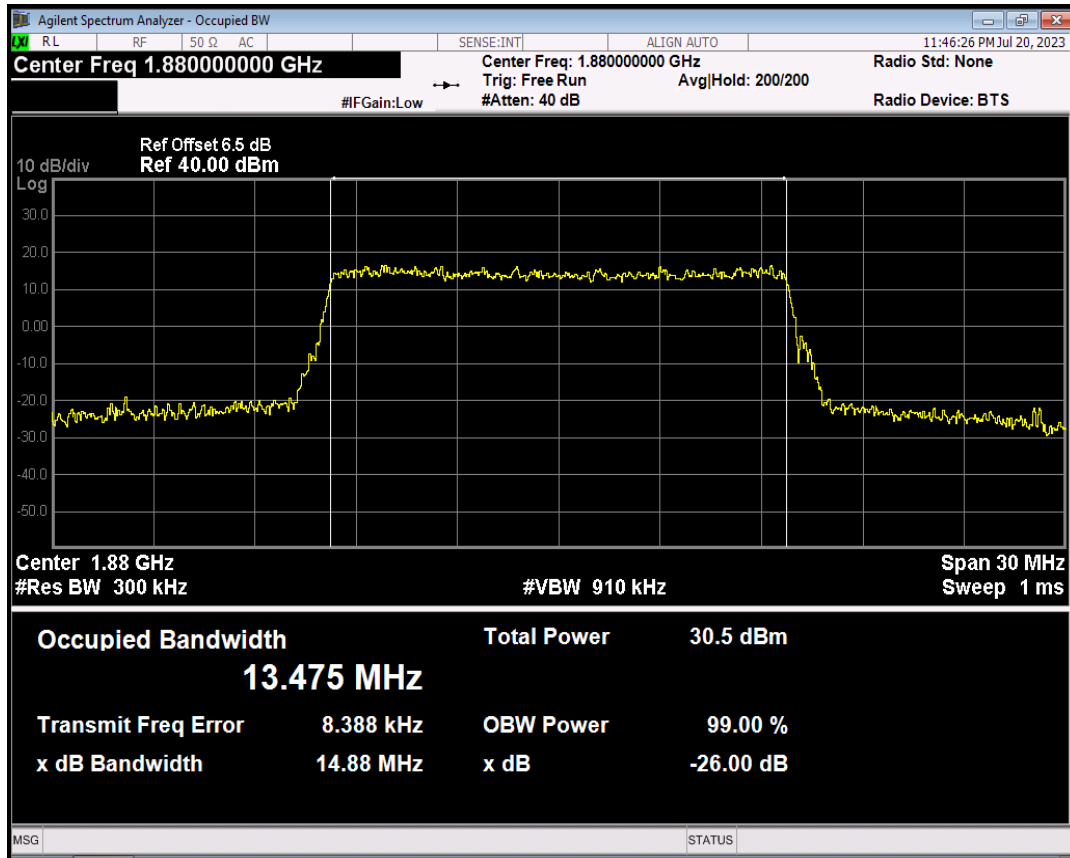


Band2 16QAM BW=15MHz Channel=18675 RB Size=75 Position=#0

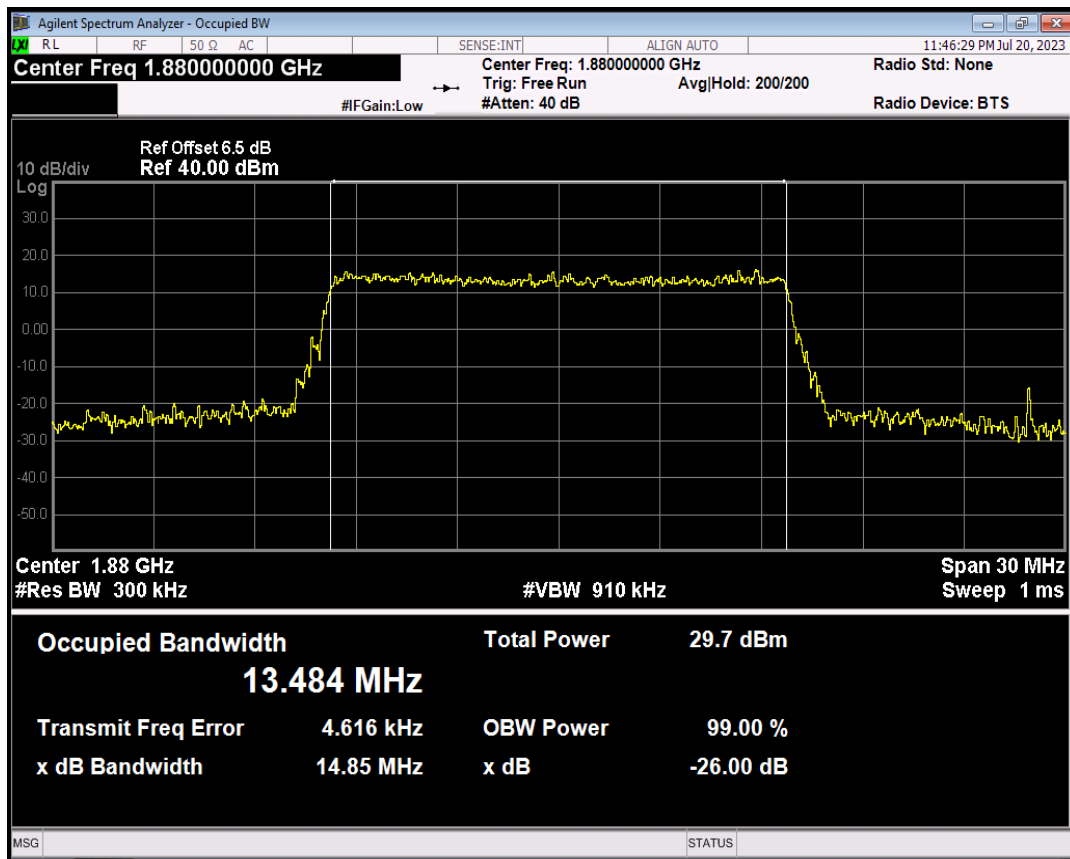




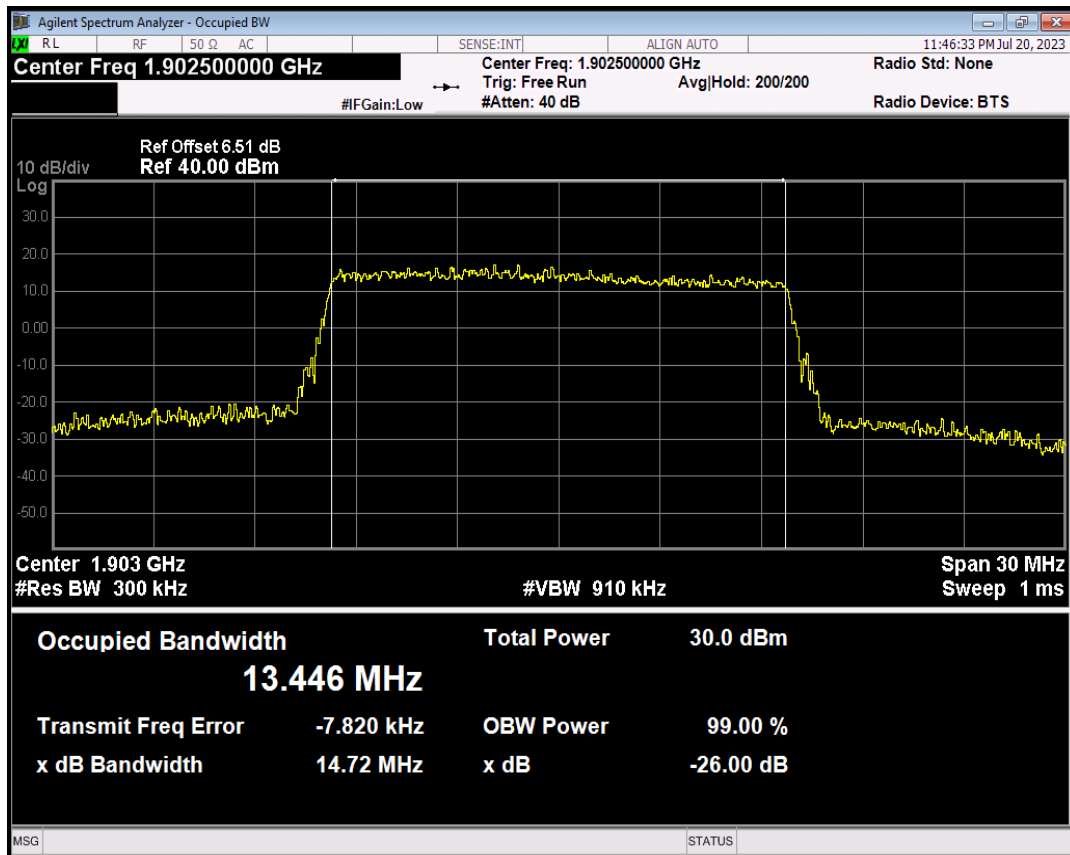
Band2 QPSK BW=15MHz Channel=18900 RB Size=75 Position=#0



Band2 16QAM BW=15MHz Channel=18900 RB Size=75 Position=#0

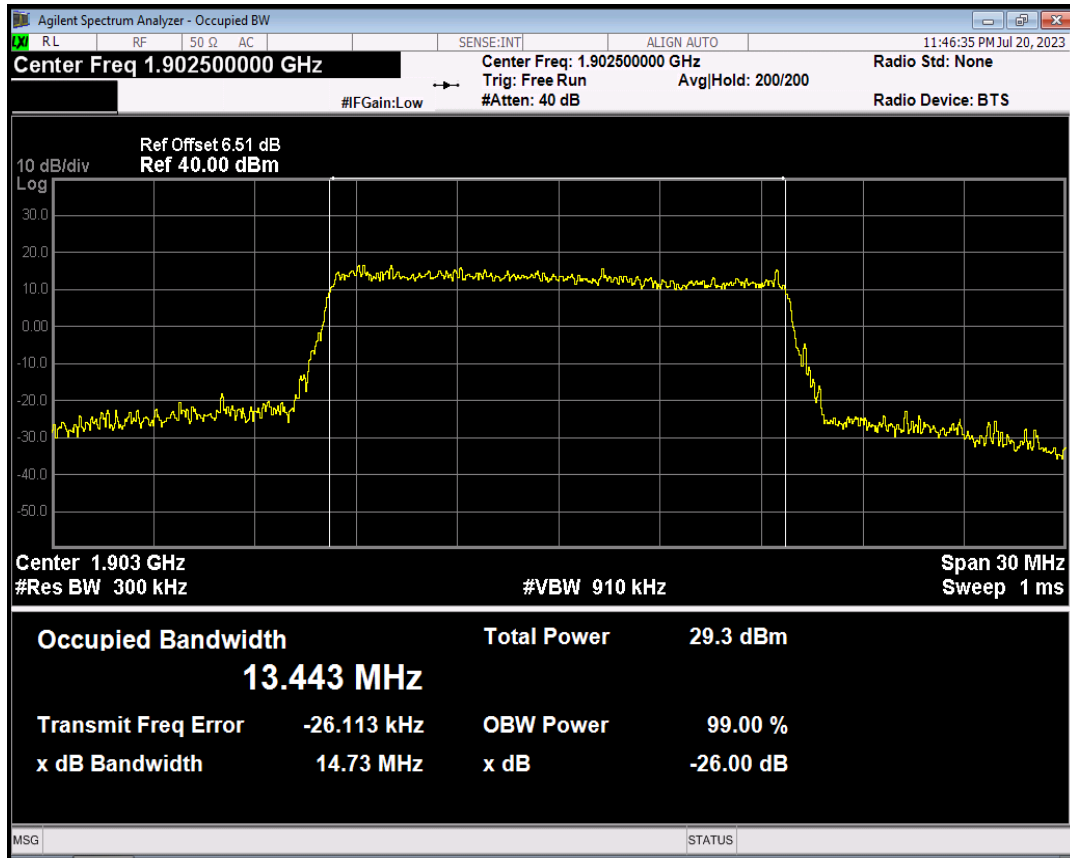


Band2 QPSK BW=15MHz Channel=19125 RB Size=75 Position=#0

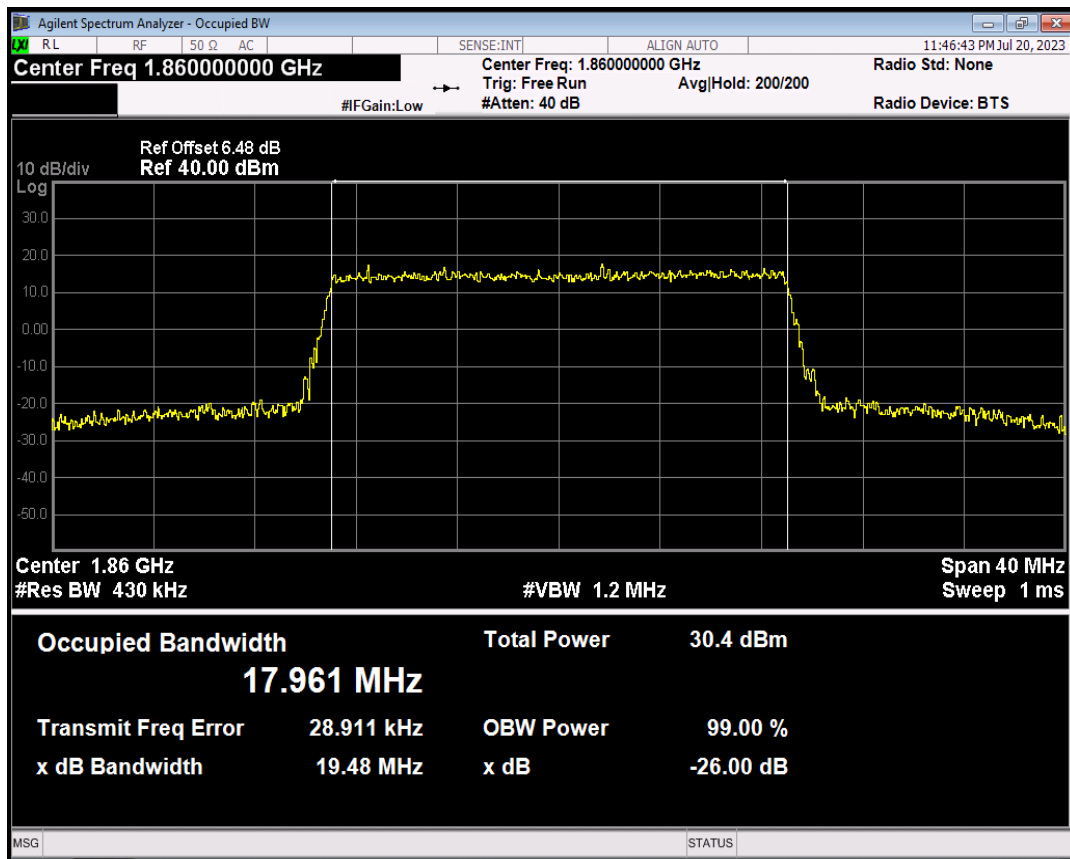




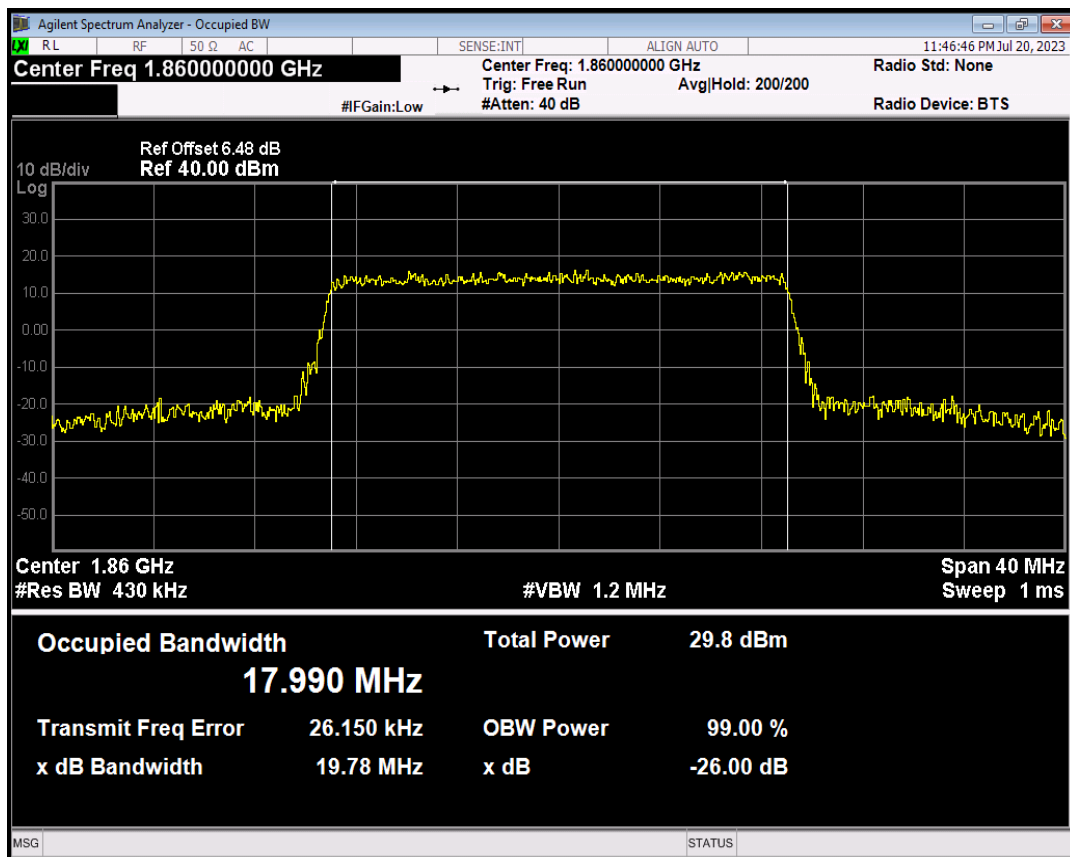
Band2 16QAM BW=15MHz Channel=19125 RB Size=75 Position=#0



Band2 QPSK BW=20MHz Channel=18700 RB Size=100 Position=#0

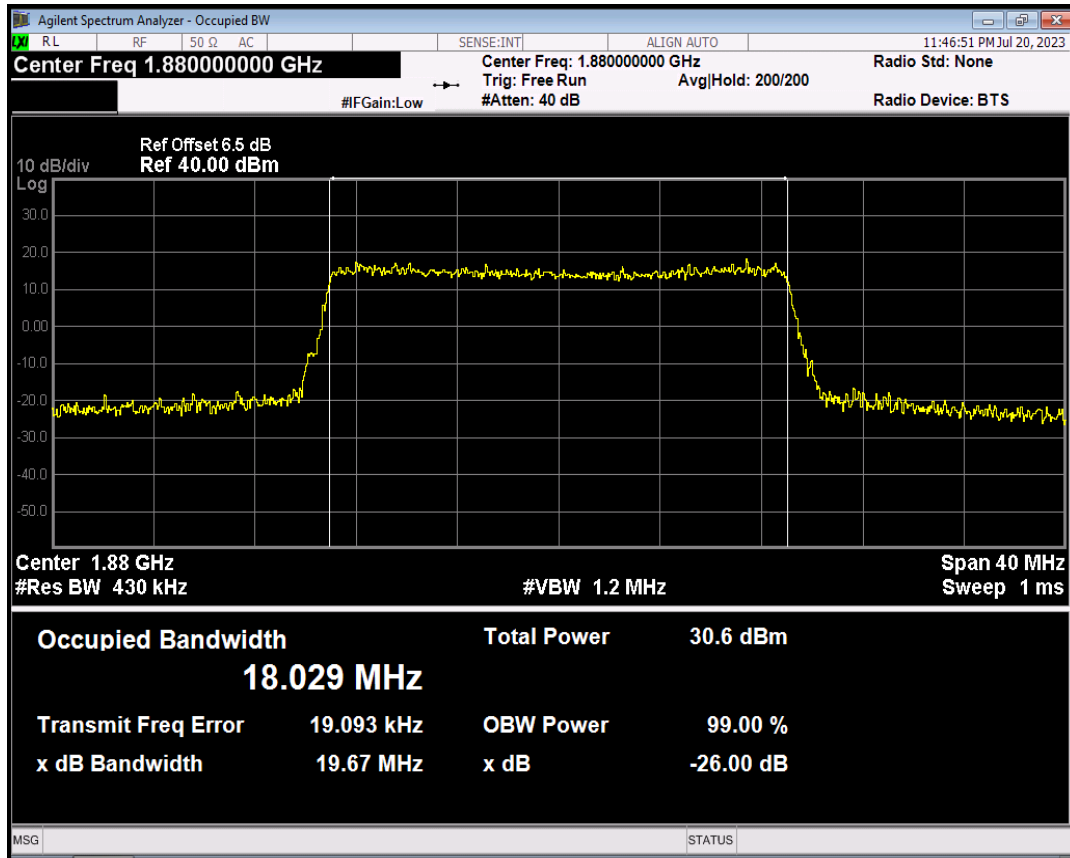


Band2 16QAM BW=20MHz Channel=18700 RB Size=100 Position=#0

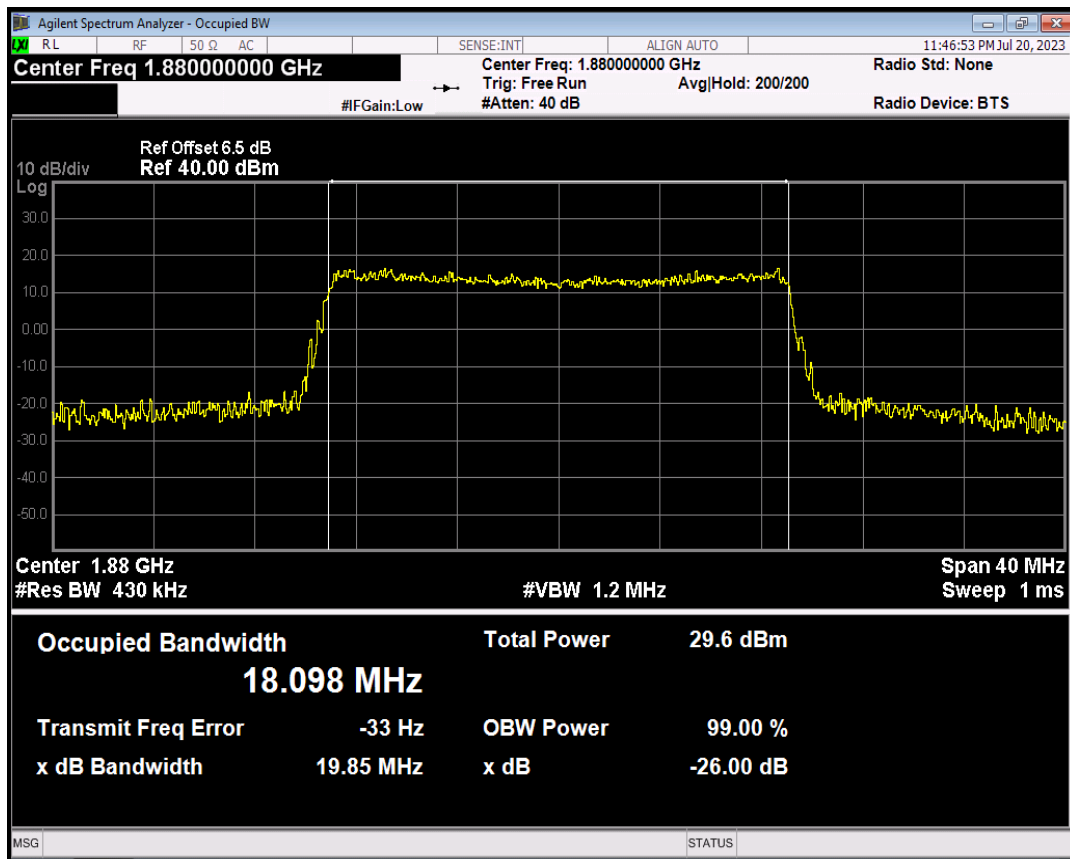




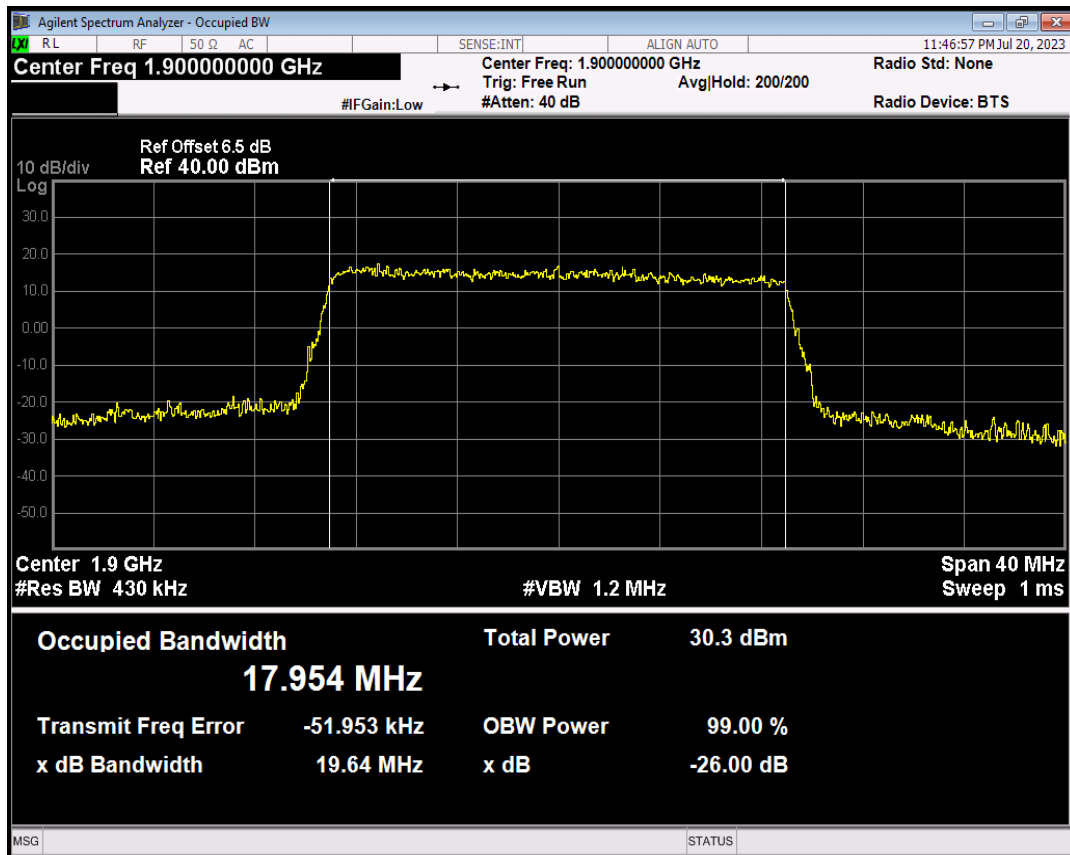
Band2 QPSK BW=20MHz Channel=18900 RB Size=100 Position=#0



Band2 16QAM BW=20MHz Channel=18900 RB Size=100 Position=#0

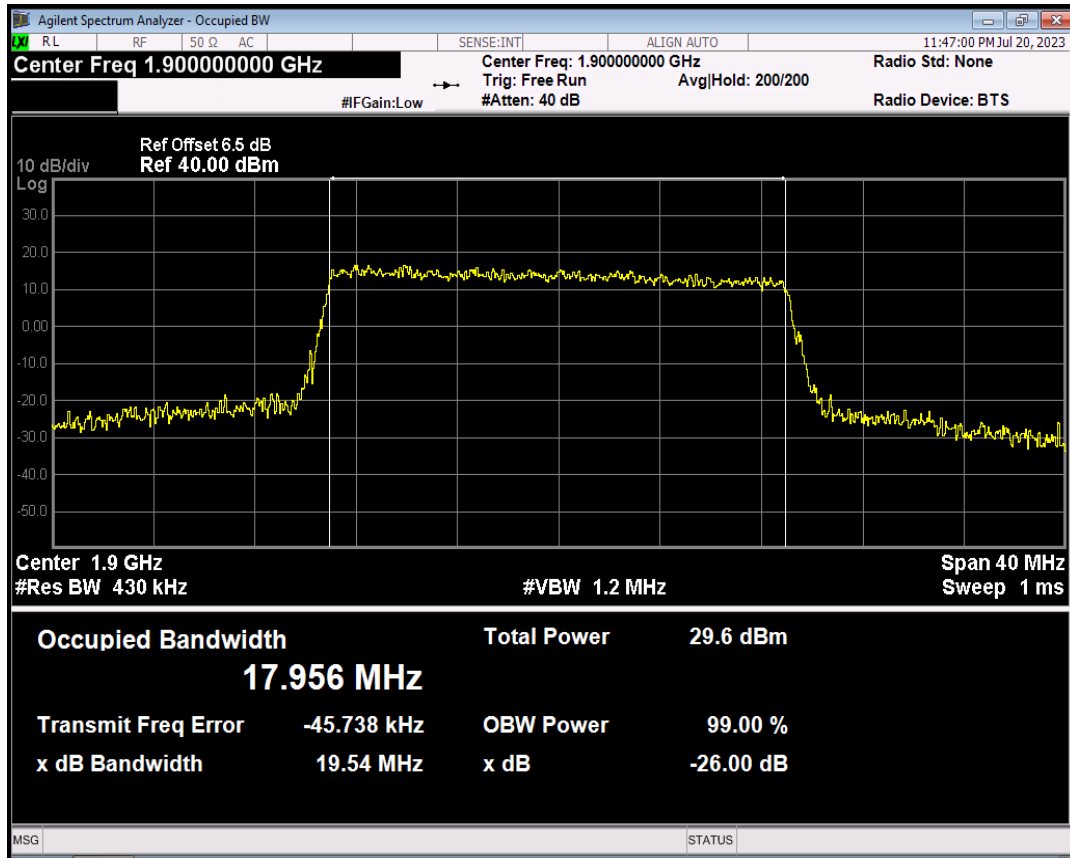


Band2 QPSK BW=20MHz Channel=19100 RB Size=100 Position=#0





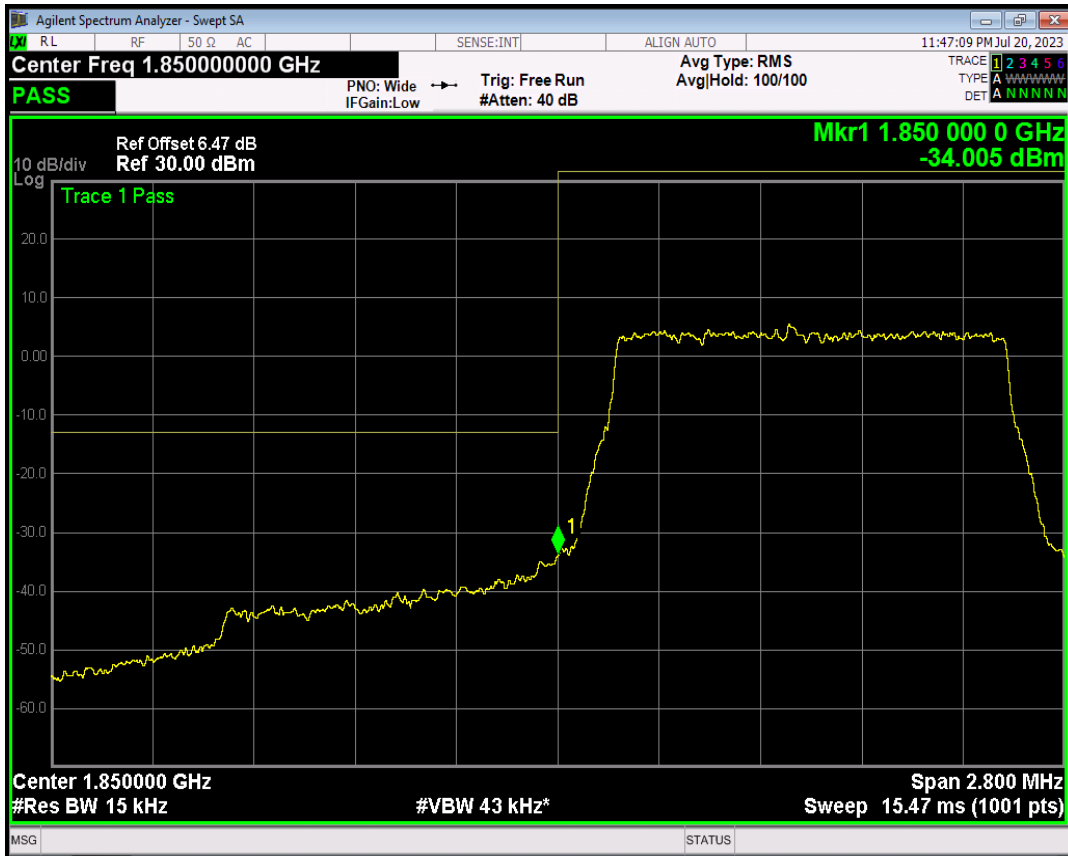
Band2 16QAM BW=20MHz Channel=19100 RB Size=100 Position=#0



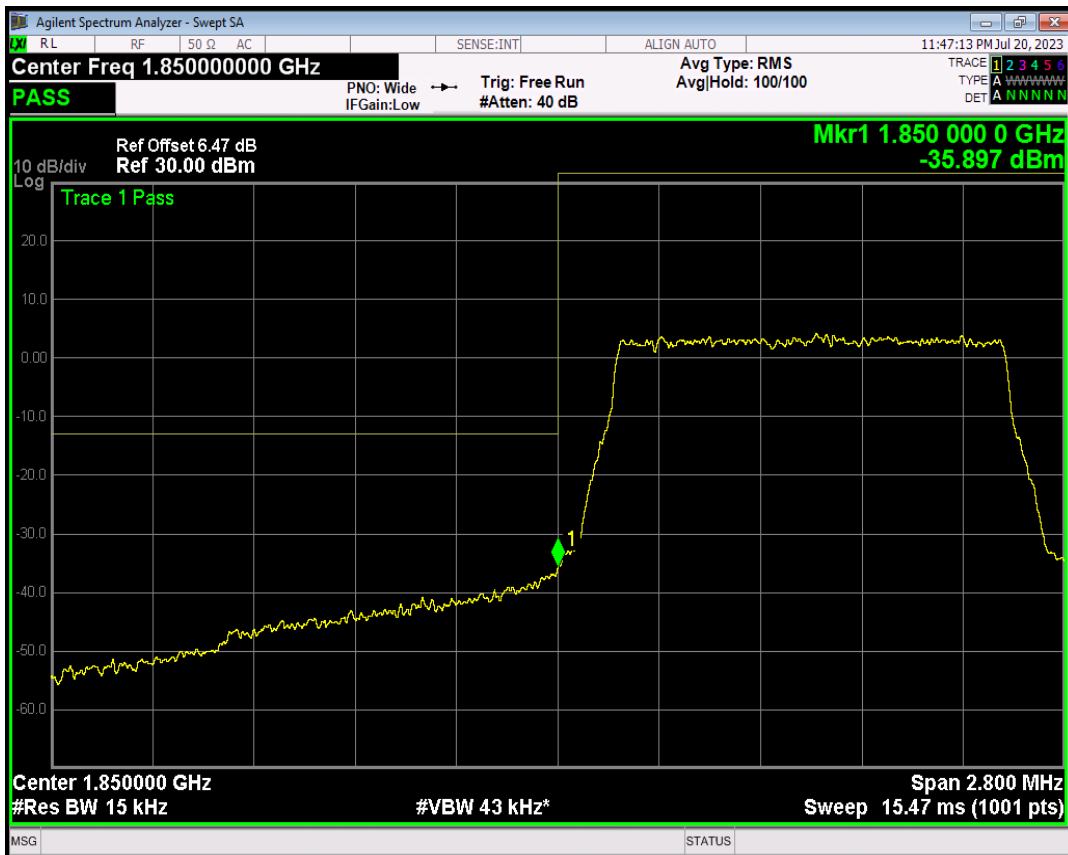
Appendix 5. Band edge

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band2	1.4	18607	6	#0	QPSK	1850.00	-34.00	-13	PASS
Band2	1.4	18607	6	#0	16QAM	1850.00	-35.89	-13	PASS
Band2	1.4	19193	6	#0	QPSK	1910.00	-31.19	-13	PASS
Band2	1.4	19193	6	#0	16QAM	1910.00	-32.74	-13	PASS
Band2	3	18615	15	#0	QPSK	1850.00	-25.39	-13	PASS
Band2	3	18615	15	#0	16QAM	1850.00	-27.95	-13	PASS
Band2	3	19185	15	#0	QPSK	1910.00	-25.82	-13	PASS
Band2	3	19185	15	#0	16QAM	1910.01	-26.50	-13	PASS
Band2	5	18625	25	#0	QPSK	1850.00	-30.12	-13	PASS
Band2	5	18625	25	#0	16QAM	1850.00	-33.95	-13	PASS
Band2	5	19175	25	#0	QPSK	1910.00	-30.59	-13	PASS
Band2	5	19175	25	#0	16QAM	1910.00	-31.78	-13	PASS
Band2	10	18650	50	#0	QPSK	1850.00	-32.02	-13	PASS
Band2	10	18650	50	#0	16QAM	1849.98	-33.89	-13	PASS
Band2	10	19150	50	#0	QPSK	1910.00	-33.49	-13	PASS
Band2	10	19150	50	#0	16QAM	1910.00	-33.64	-13	PASS
Band2	15	18675	75	#0	QPSK	1850.00	-29.98	-13	PASS
Band2	15	18675	75	#0	16QAM	1849.73	-33.75	-13	PASS
Band2	15	19125	75	#0	QPSK	1910.00	-34.88	-13	PASS
Band2	15	19125	75	#0	16QAM	1910.00	-35.18	-13	PASS
Band2	20	18700	100	#0	QPSK	1849.96	-33.03	-13	PASS
Band2	20	18700	100	#0	16QAM	1850.00	-33.42	-13	PASS
Band2	20	19100	100	#0	QPSK	1910.16	-35.86	-13	PASS
Band2	20	19100	100	#0	16QAM	1910.00	-35.75	-13	PASS

Band2 QPSK BW=1.4MHz Channel=18607 RB Size=6 Position=#0



Band2 16QAM BW=1.4MHz Channel=18607 RB Size=6 Position=#0

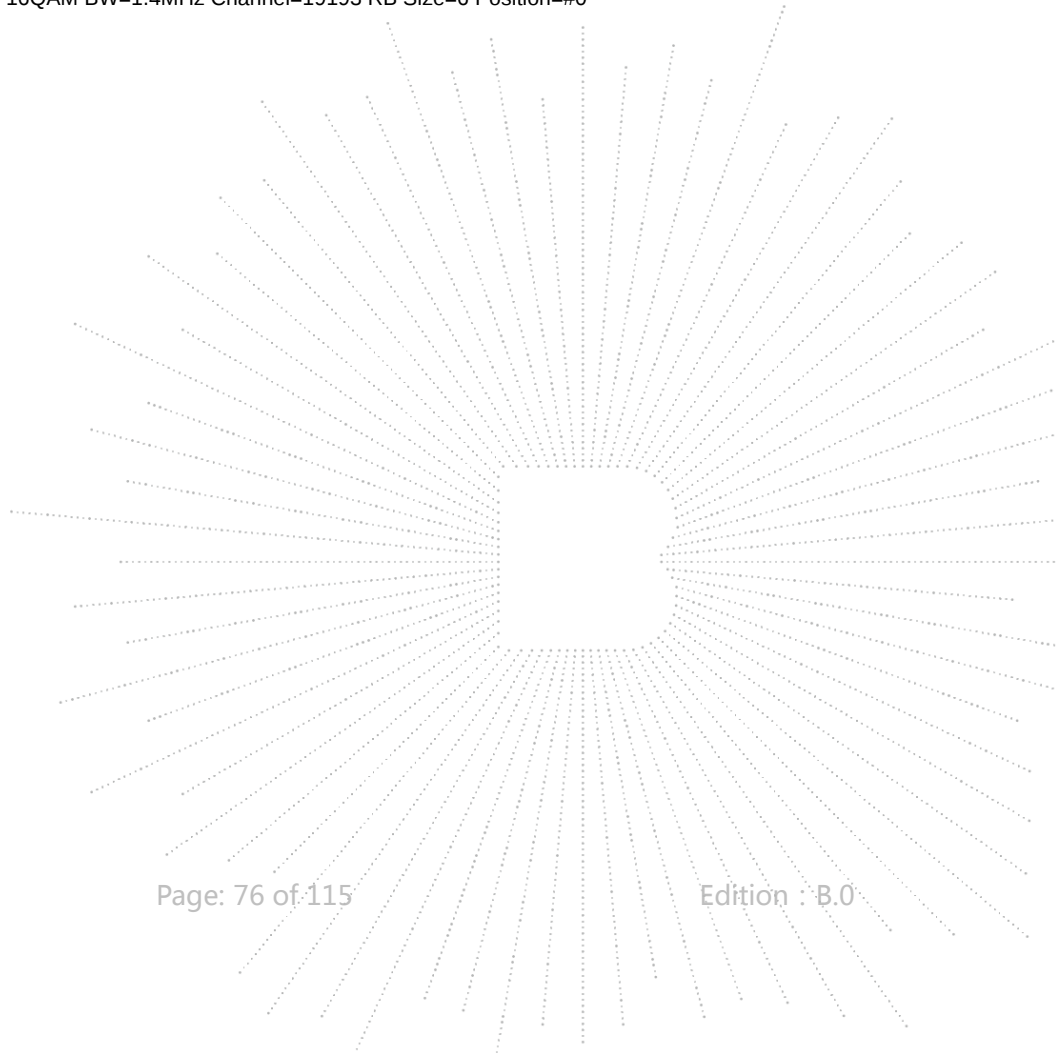




Band2 QPSK BW=1.4MHz Channel=19193 RB Size=6 Position=#0

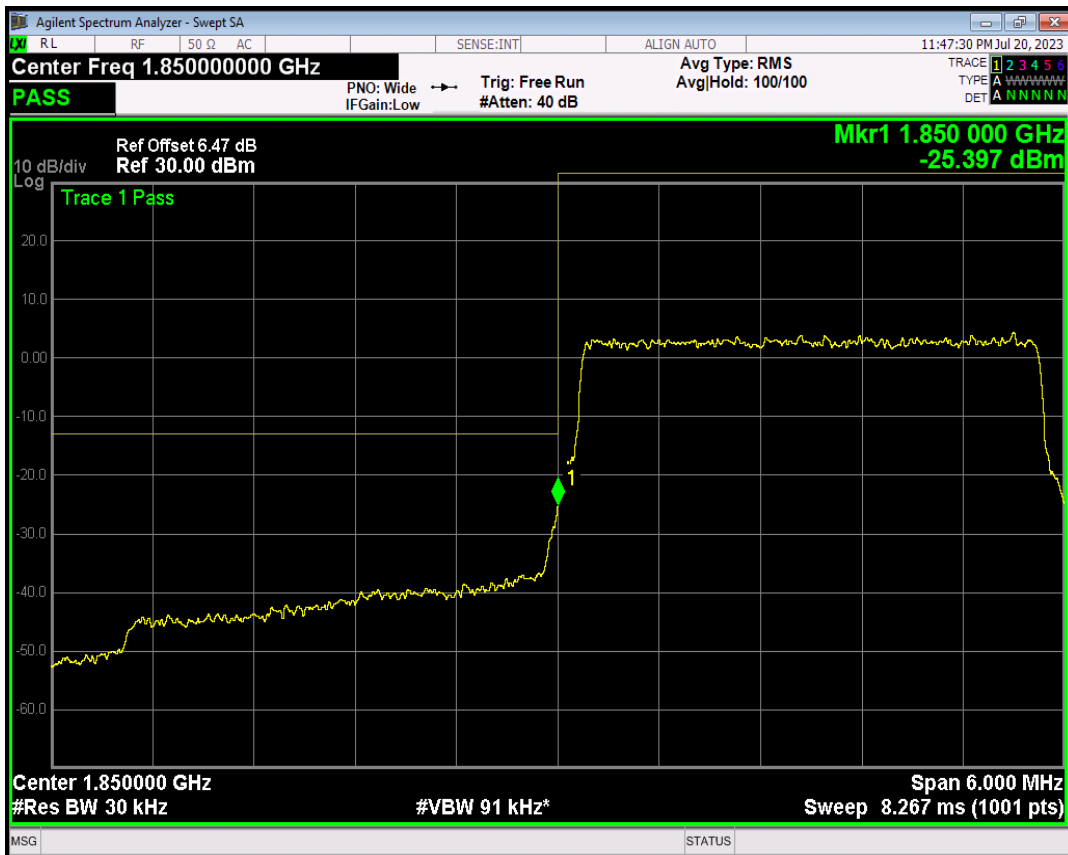


Band2 16QAM BW=1.4MHz Channel=19193 RB Size=6 Position=#0

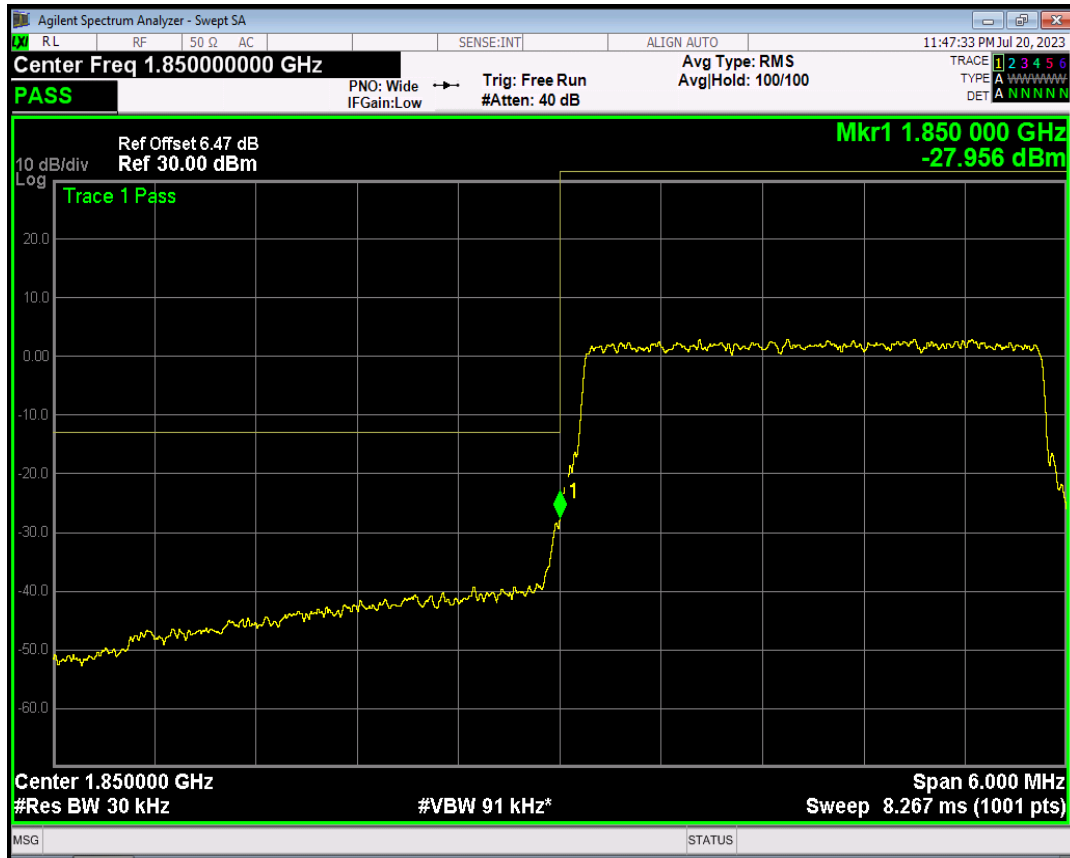




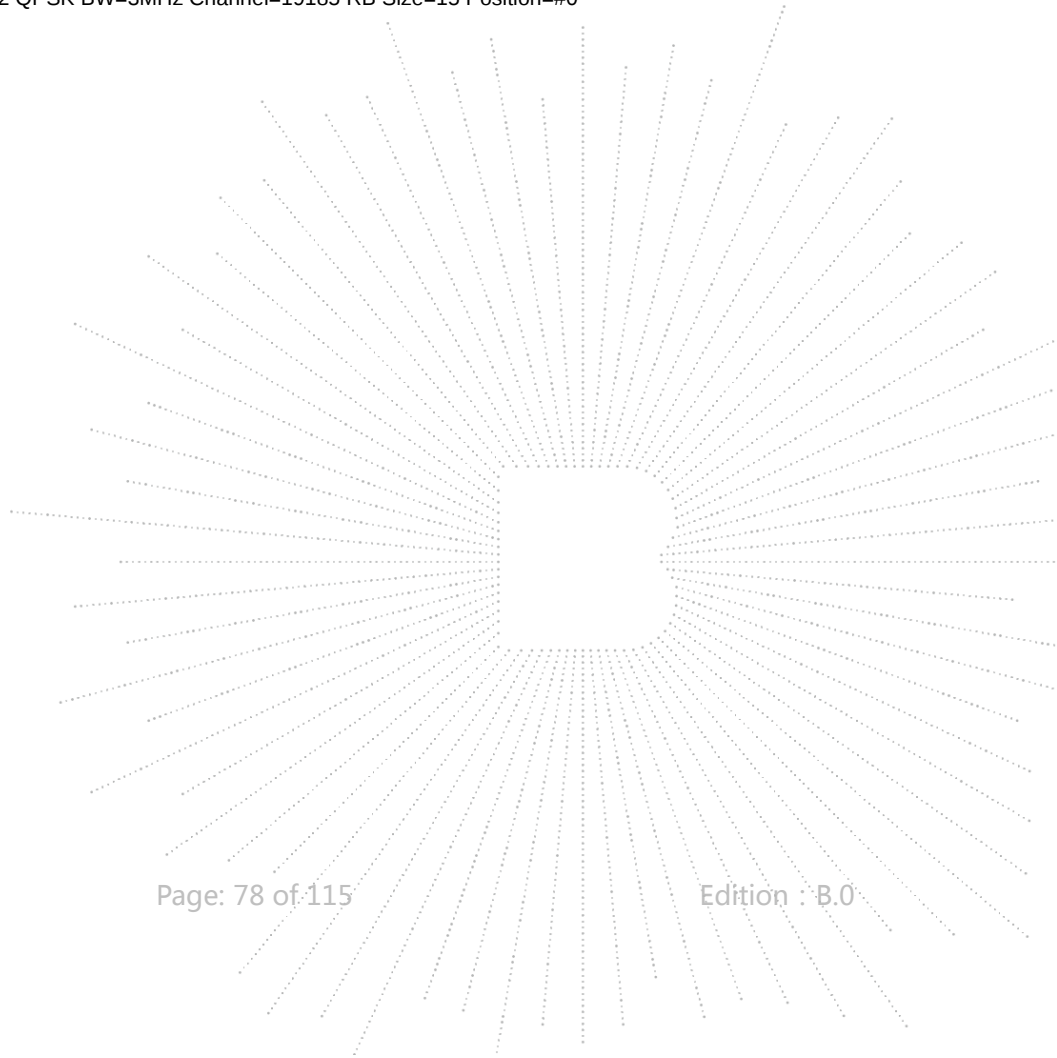
Band2 QPSK BW=3MHz Channel=18615 RB Size=15 Position=#0

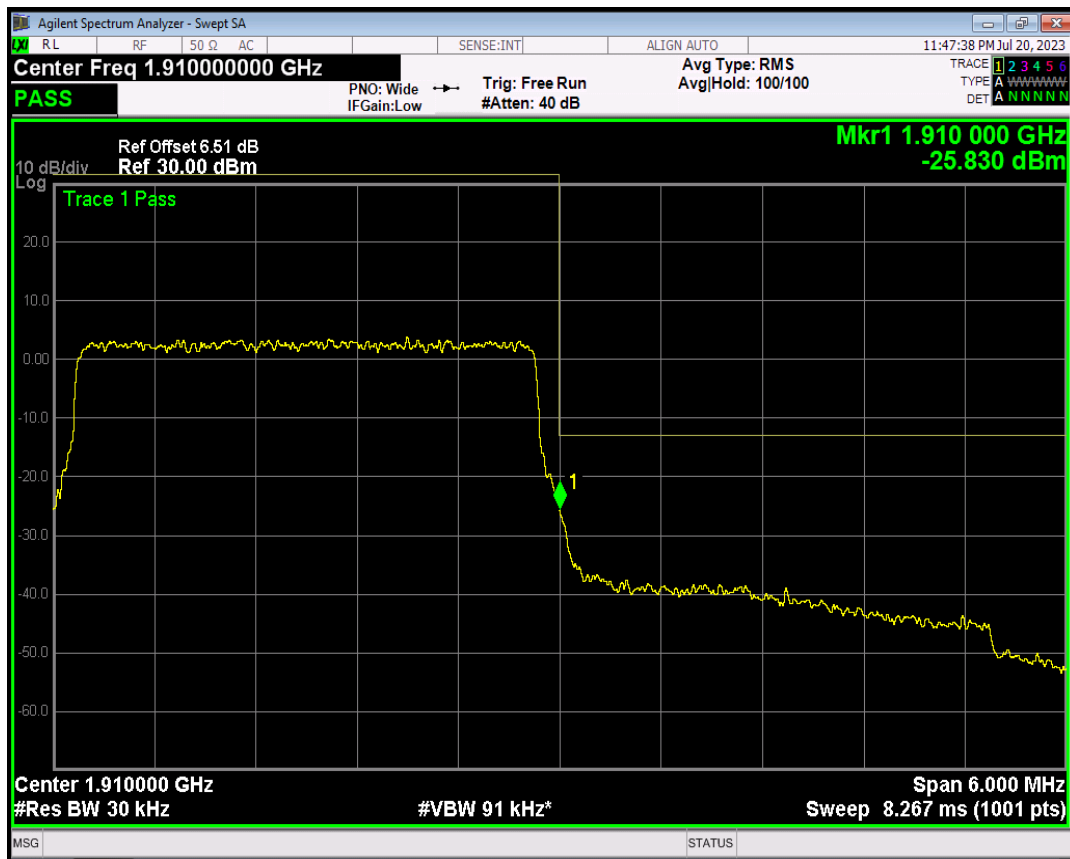


Band2 16QAM BW=3MHz Channel=18615 RB Size=15 Position=#0



Band2 QPSK BW=3MHz Channel=19185 RB Size=15 Position=#0



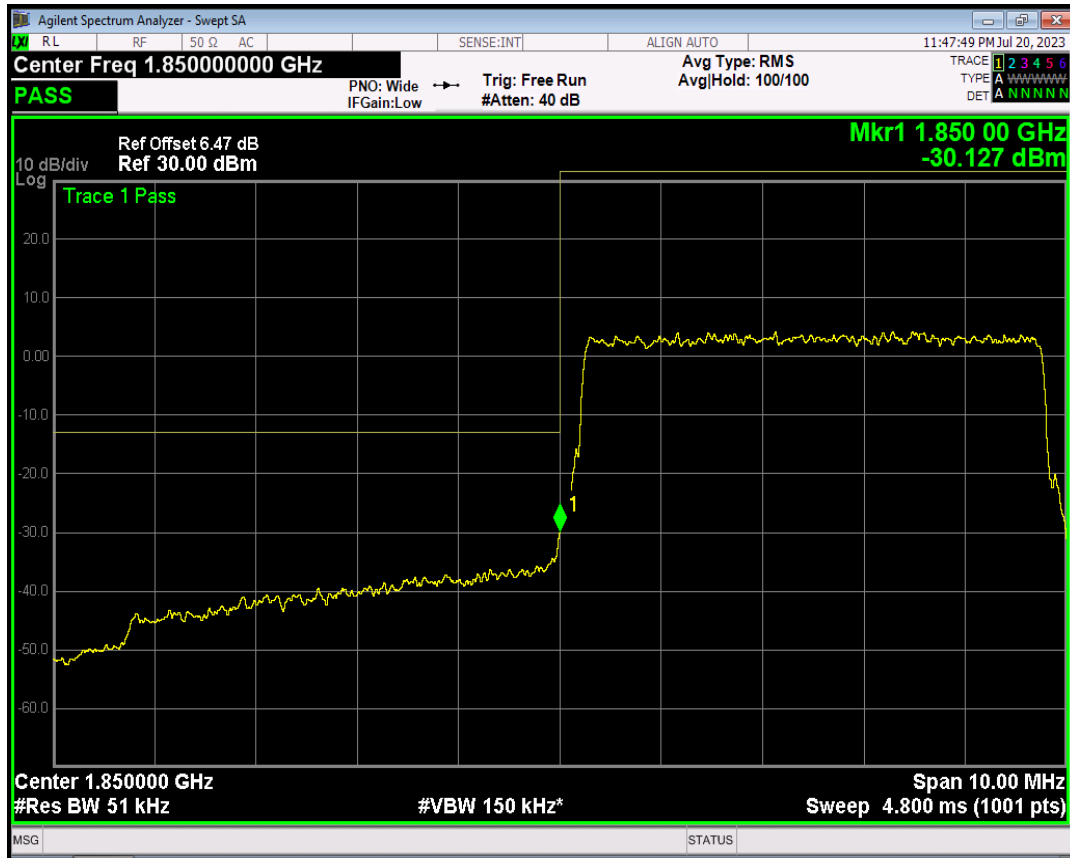


Band2 16QAM BW=3MHz Channel=19185 RB Size=15 Position=#0

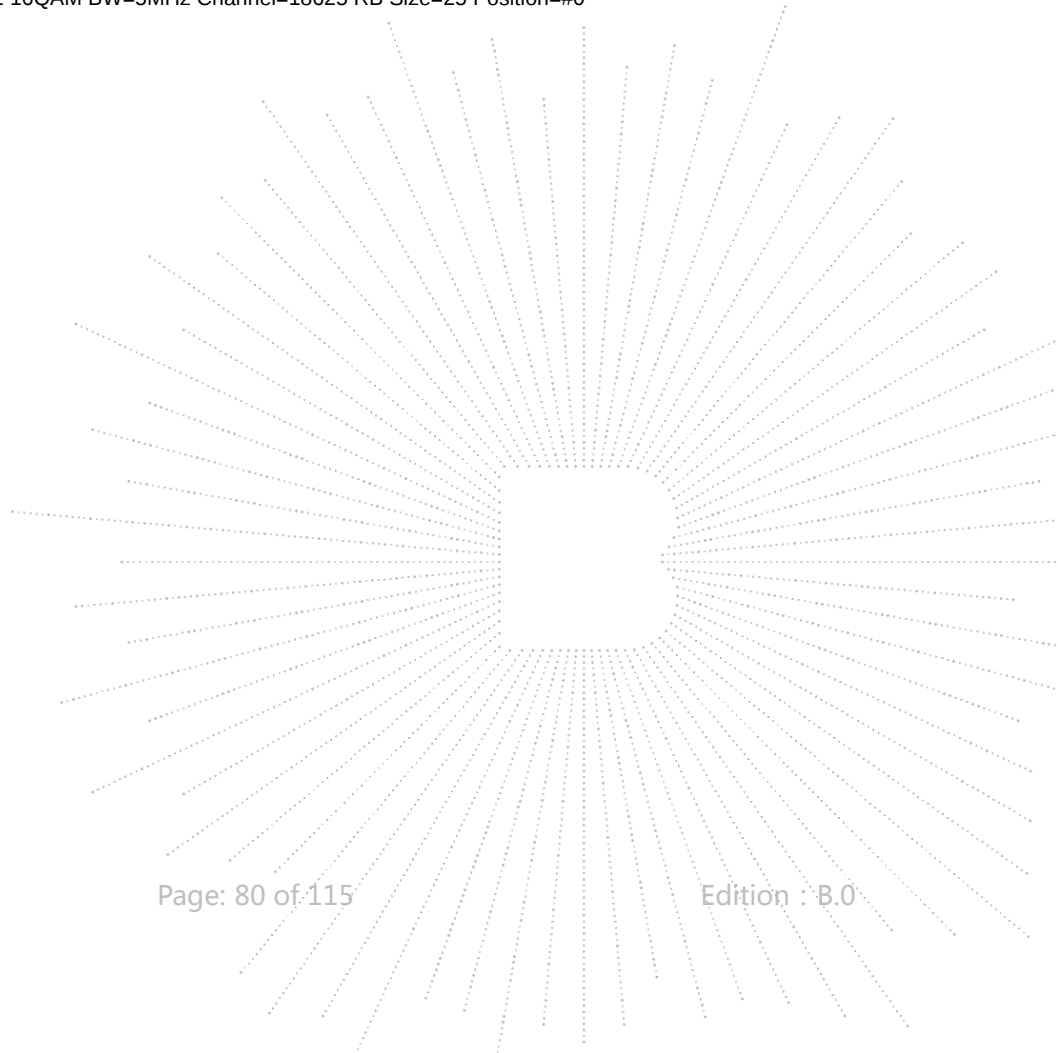


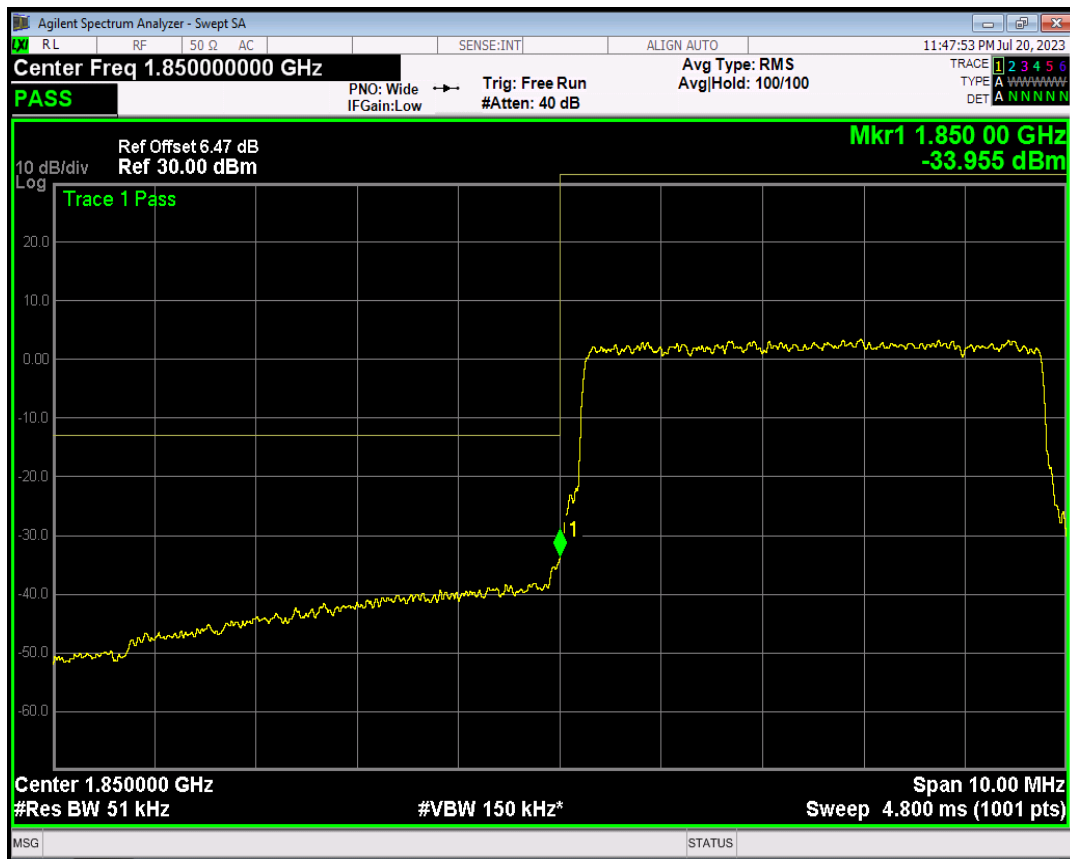


Band2 QPSK BW=5MHz Channel=18625 RB Size=25 Position=#0

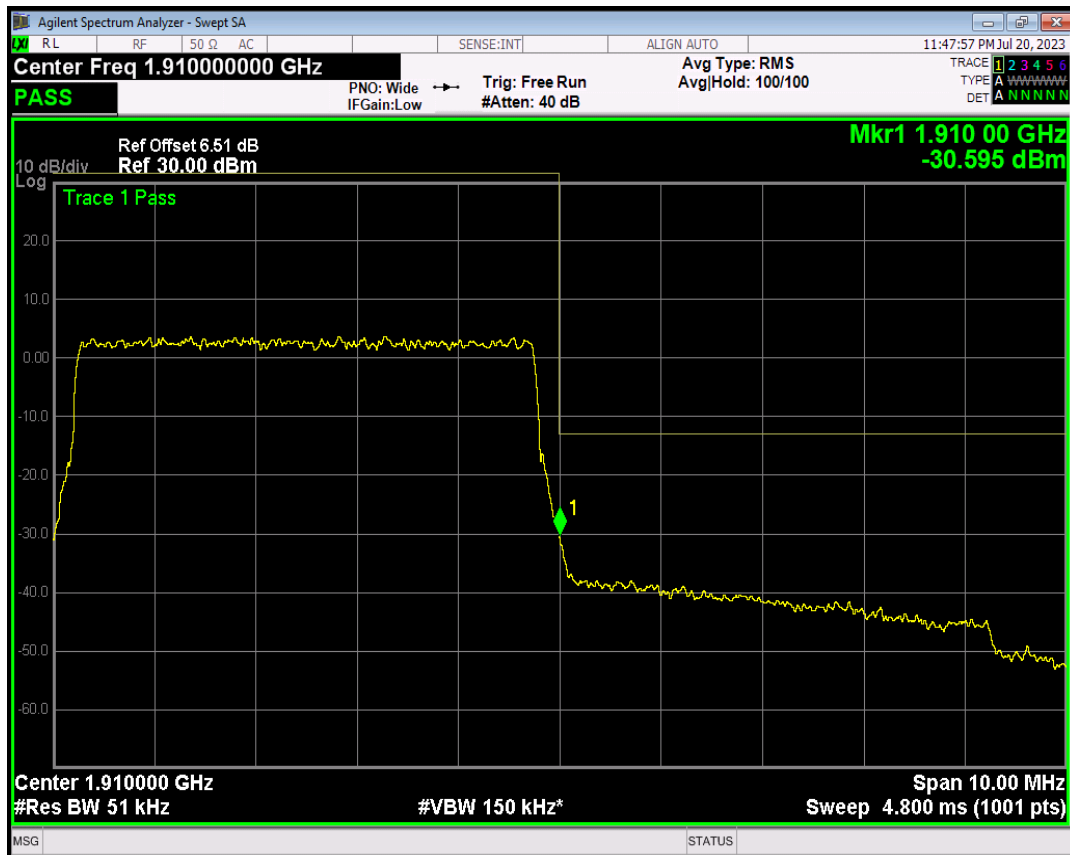


Band2 16QAM BW=5MHz Channel=18625 RB Size=25 Position=#0

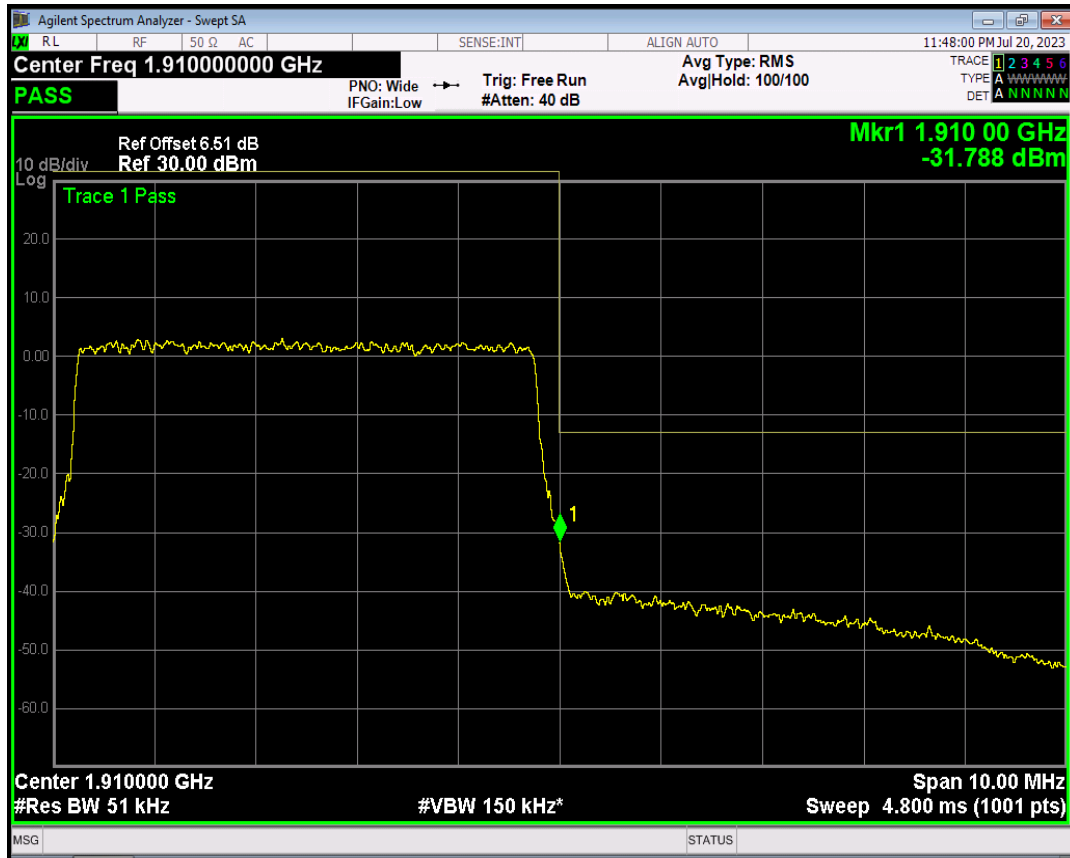




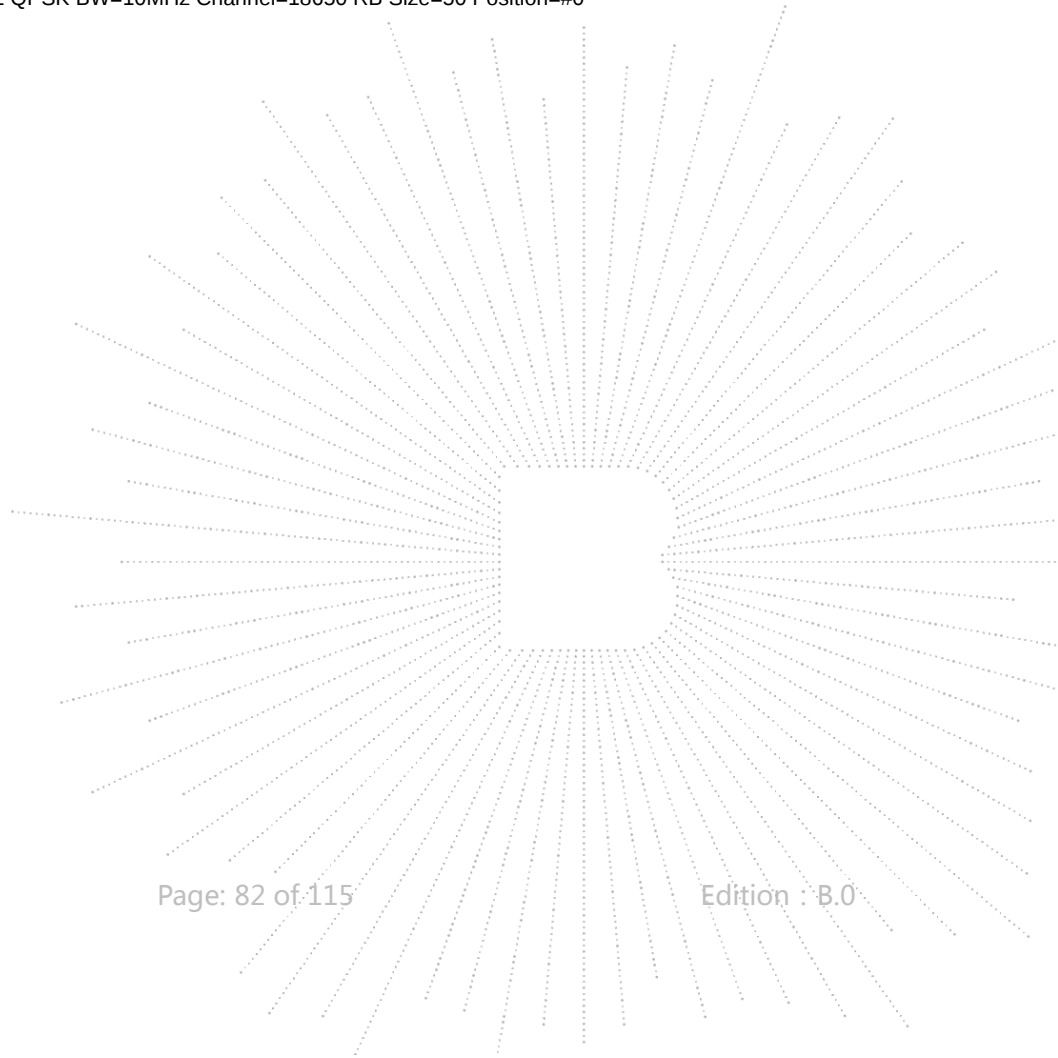
Band2 QPSK BW=5MHz Channel=19175 RB Size=25 Position=#0

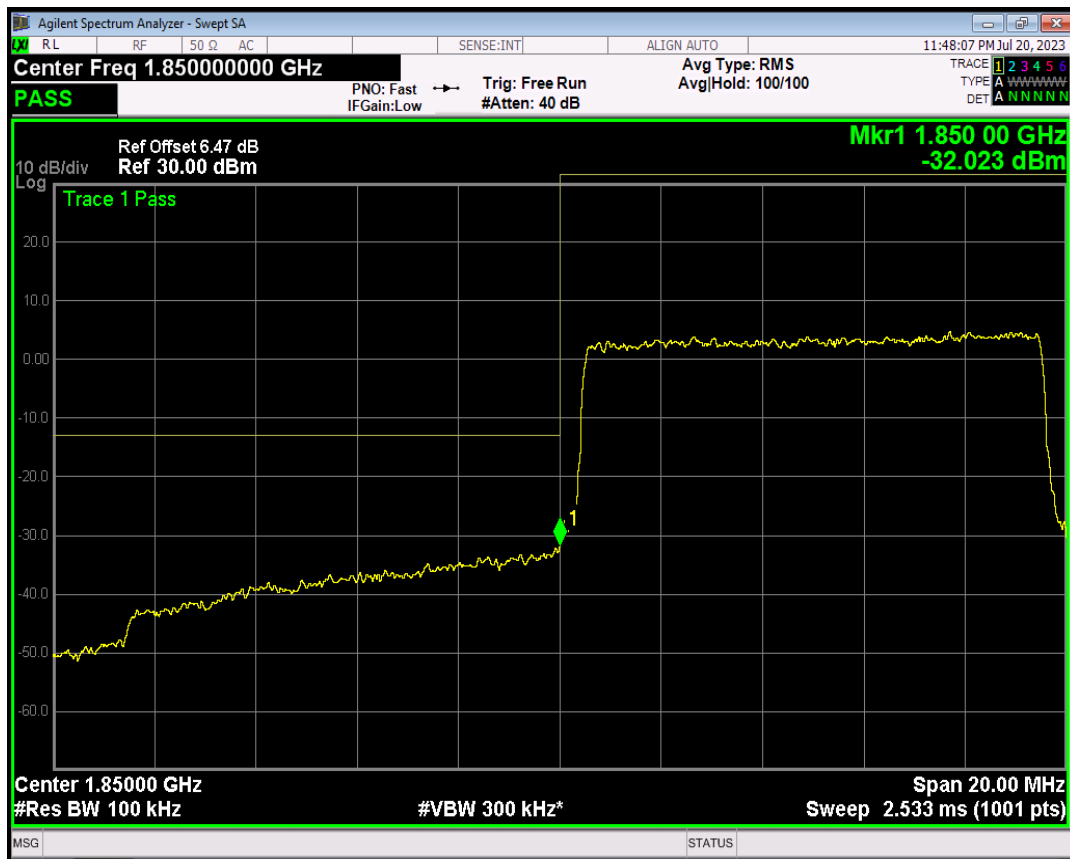


Band2 16QAM BW=5MHz Channel=19175 RB Size=25 Position=#0

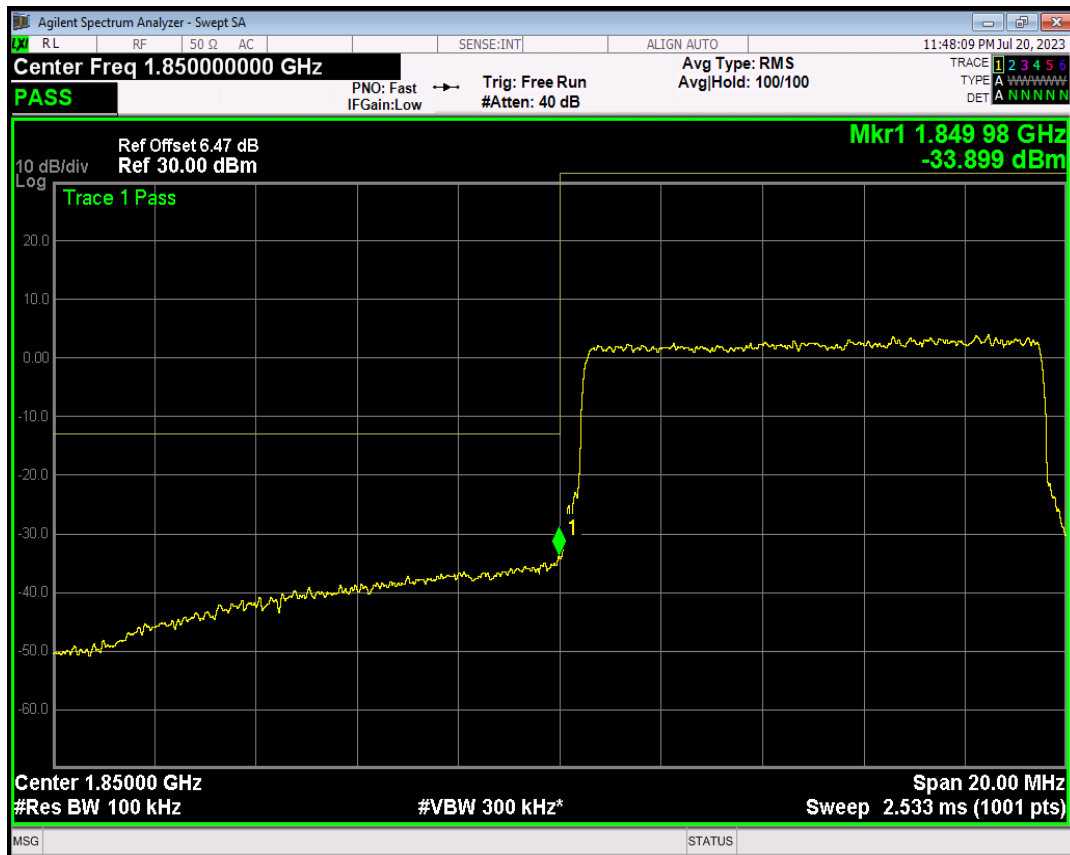


Band2 QPSK BW=10MHz Channel=18650 RB Size=50 Position=#0





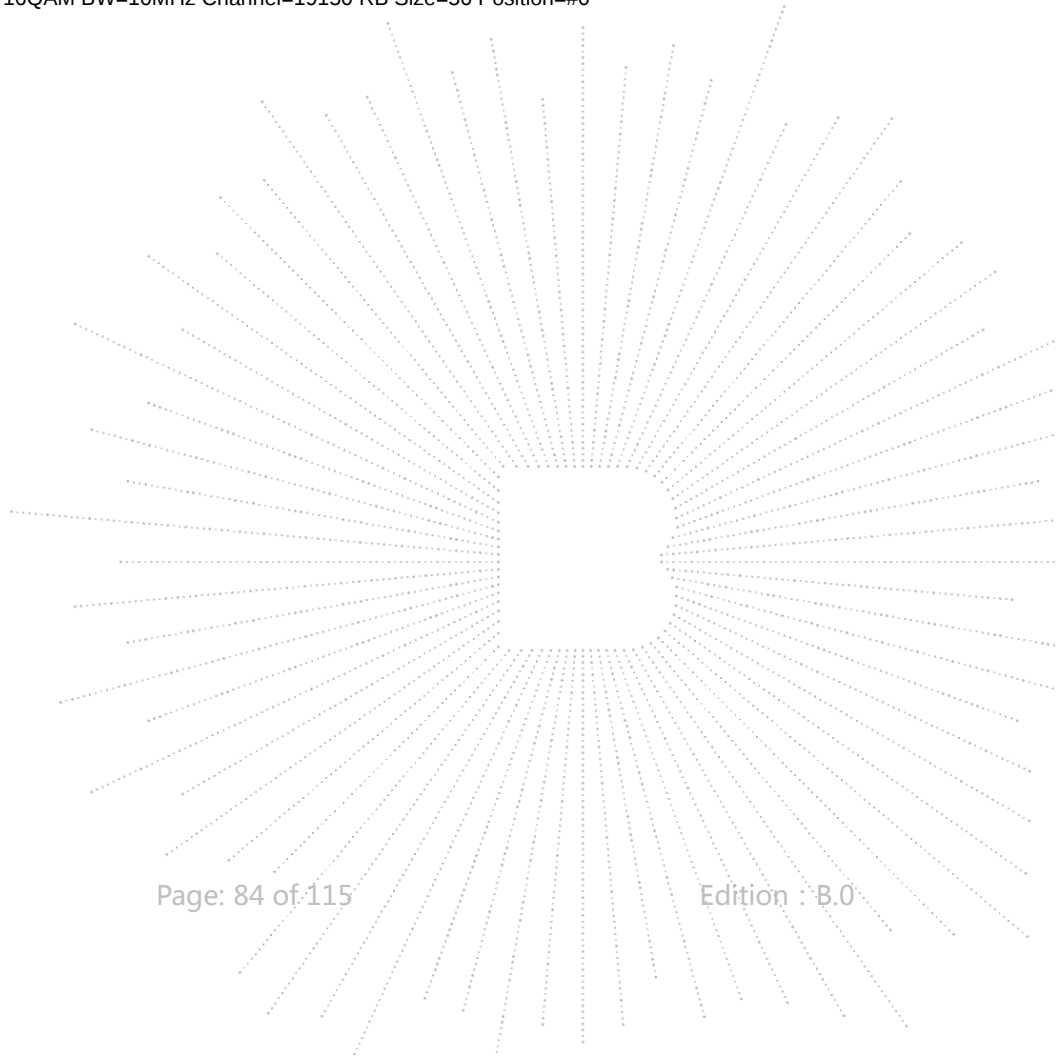
Band2 16QAM BW=10MHz Channel=18650 RB Size=50 Position=#0

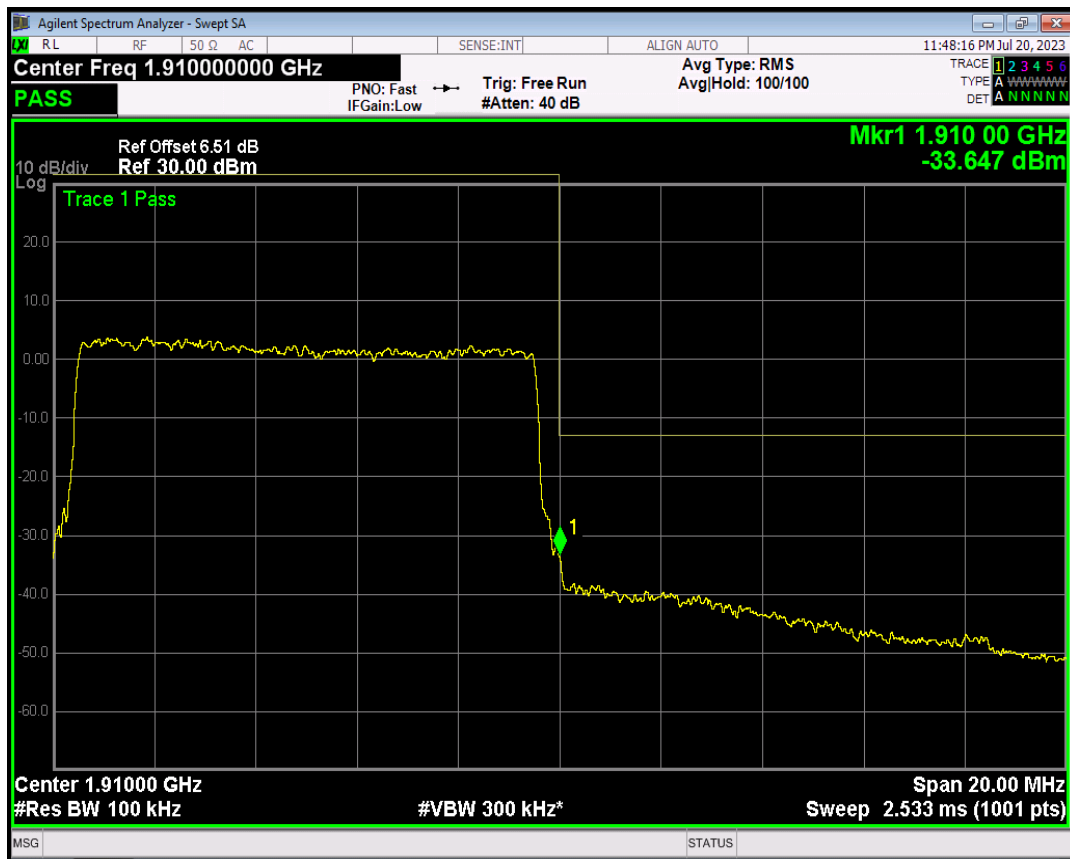


Band2 QPSK BW=10MHz Channel=19150 RB Size=50 Position=#0

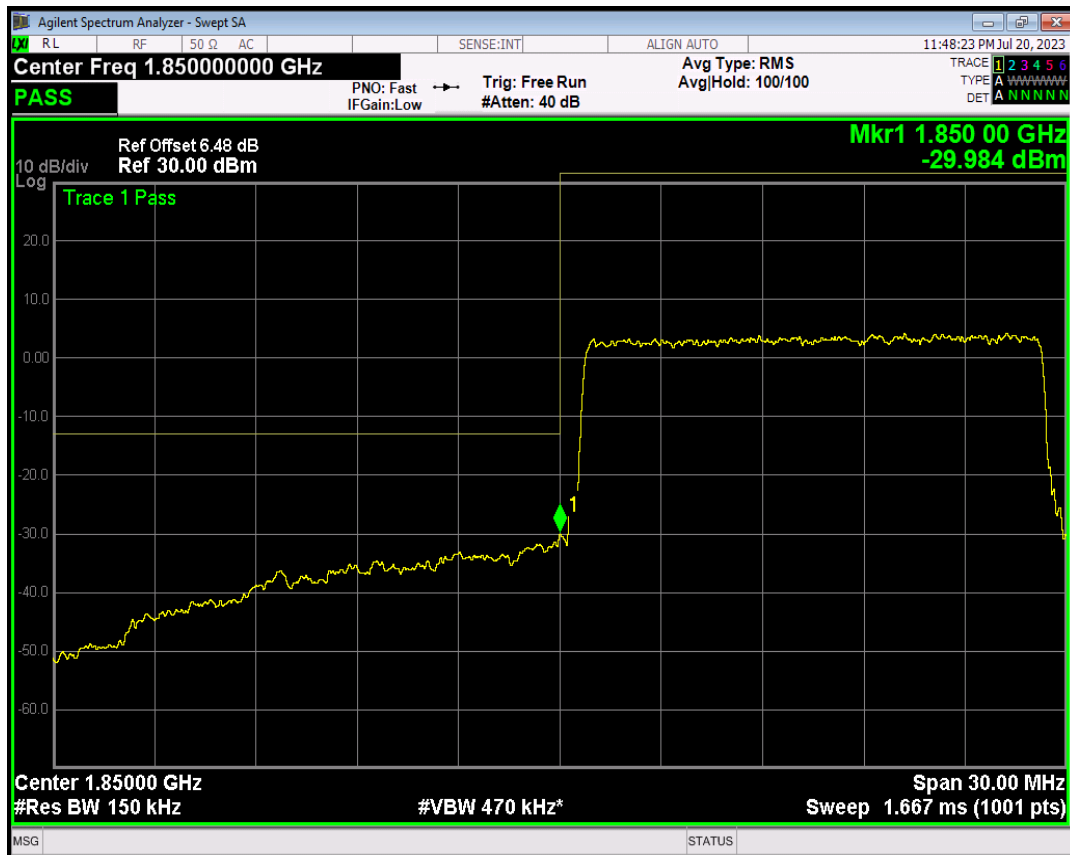


Band2 16QAM BW=10MHz Channel=19150 RB Size=50 Position=#0



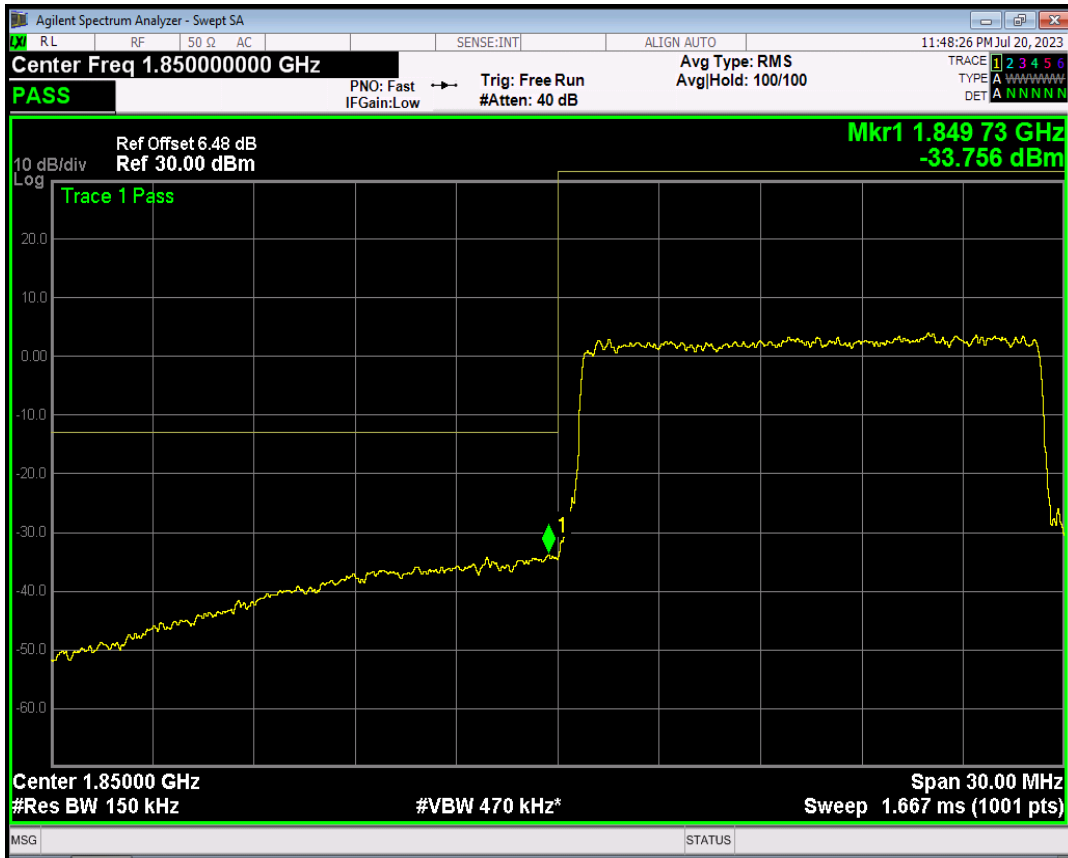


Band2 QPSK BW=15MHz Channel=18675 RB Size=75 Position=#0

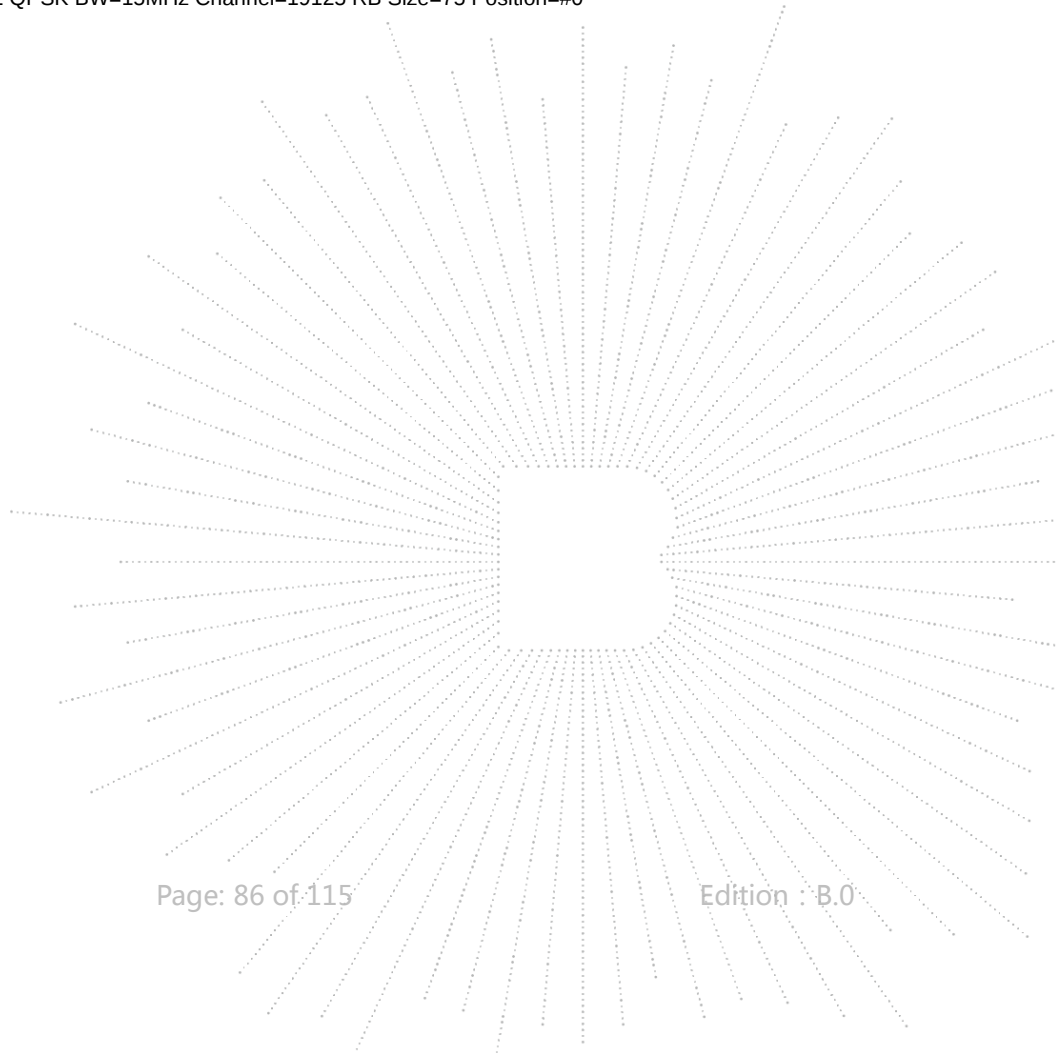




Band2 16QAM BW=15MHz Channel=18675 RB Size=75 Position=#0

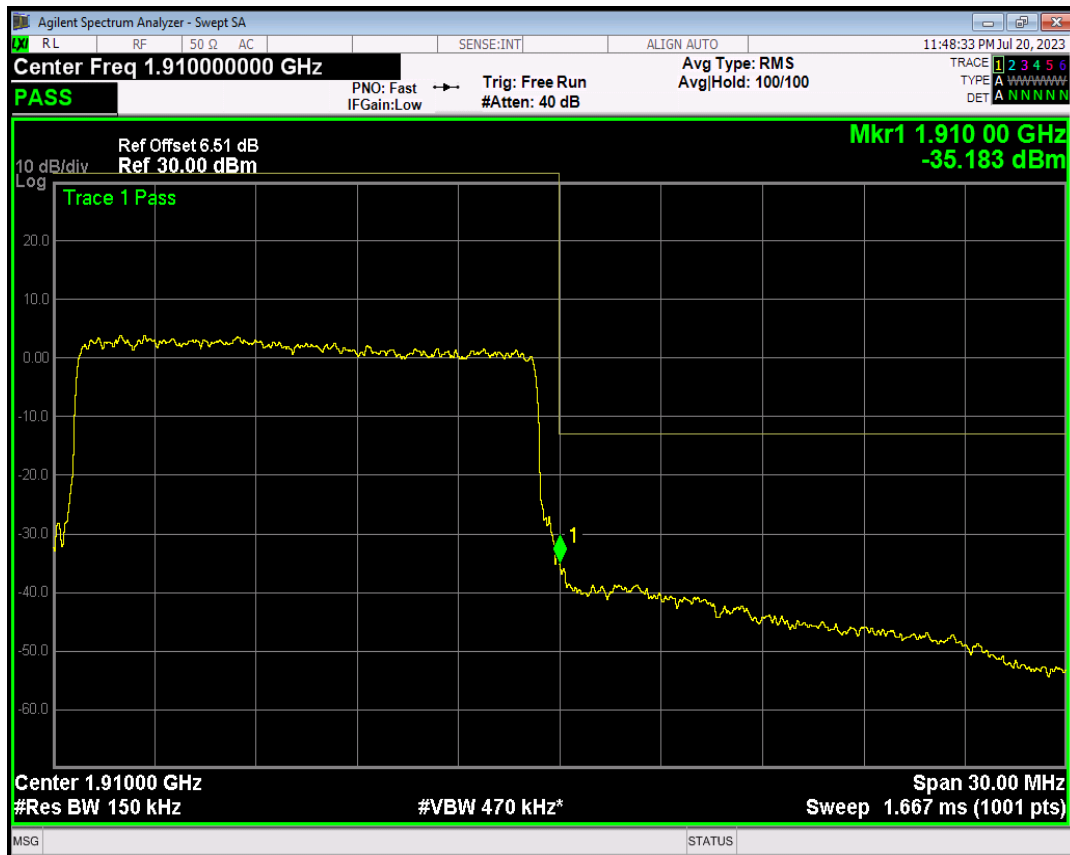


Band2 QPSK BW=15MHz Channel=19125 RB Size=75 Position=#0

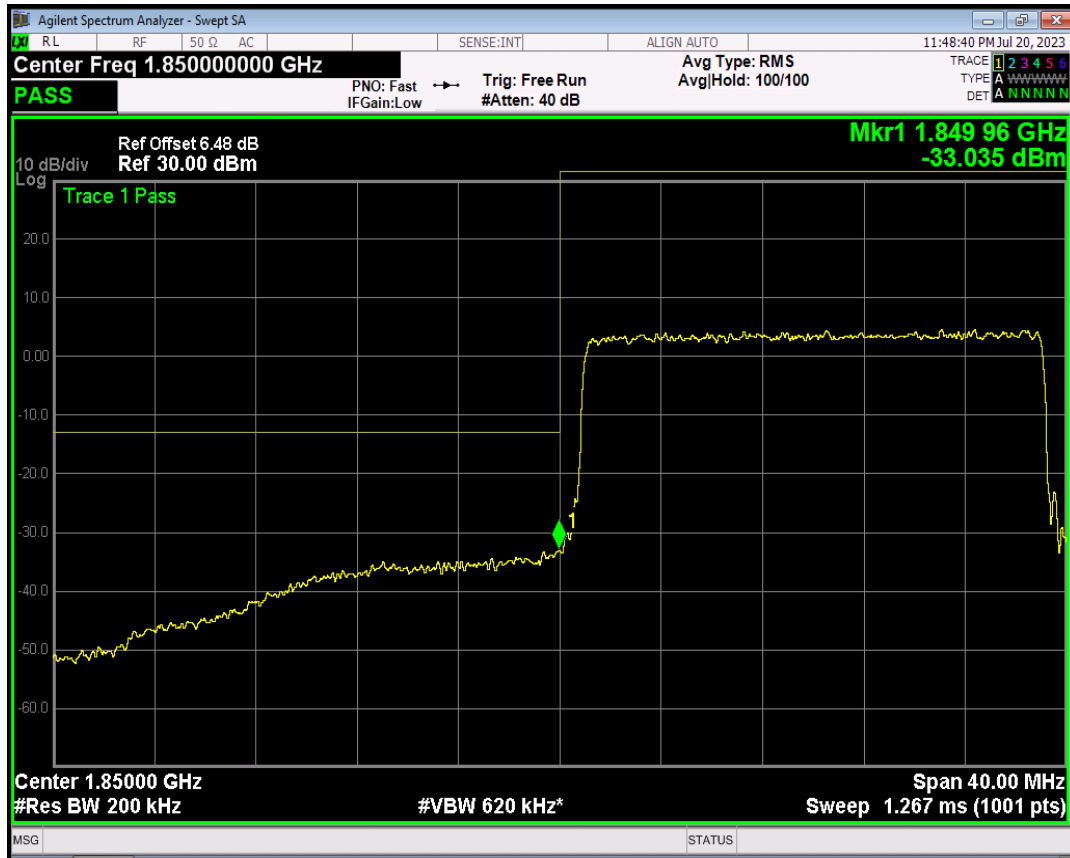




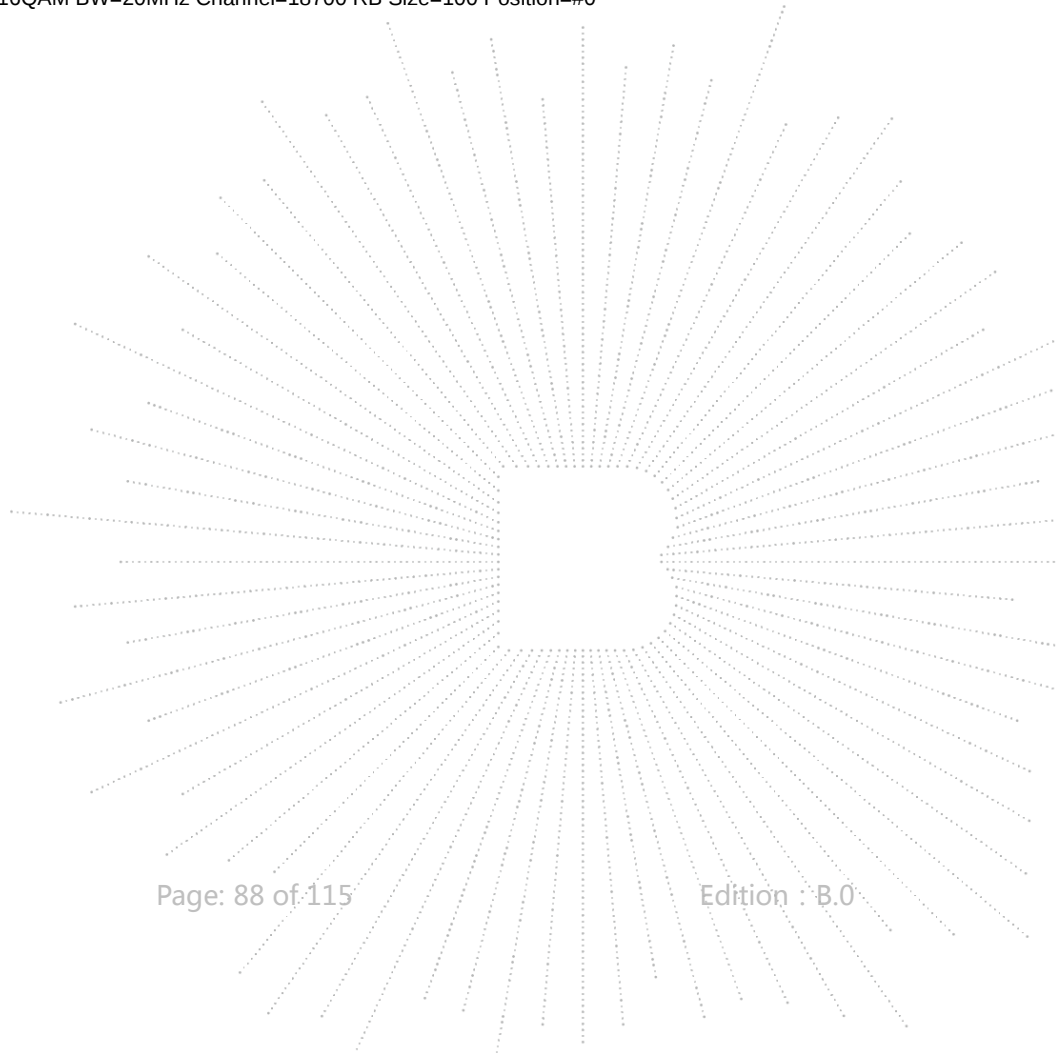
Band2 16QAM BW=15MHz Channel=19125 RB Size=75 Position=#0

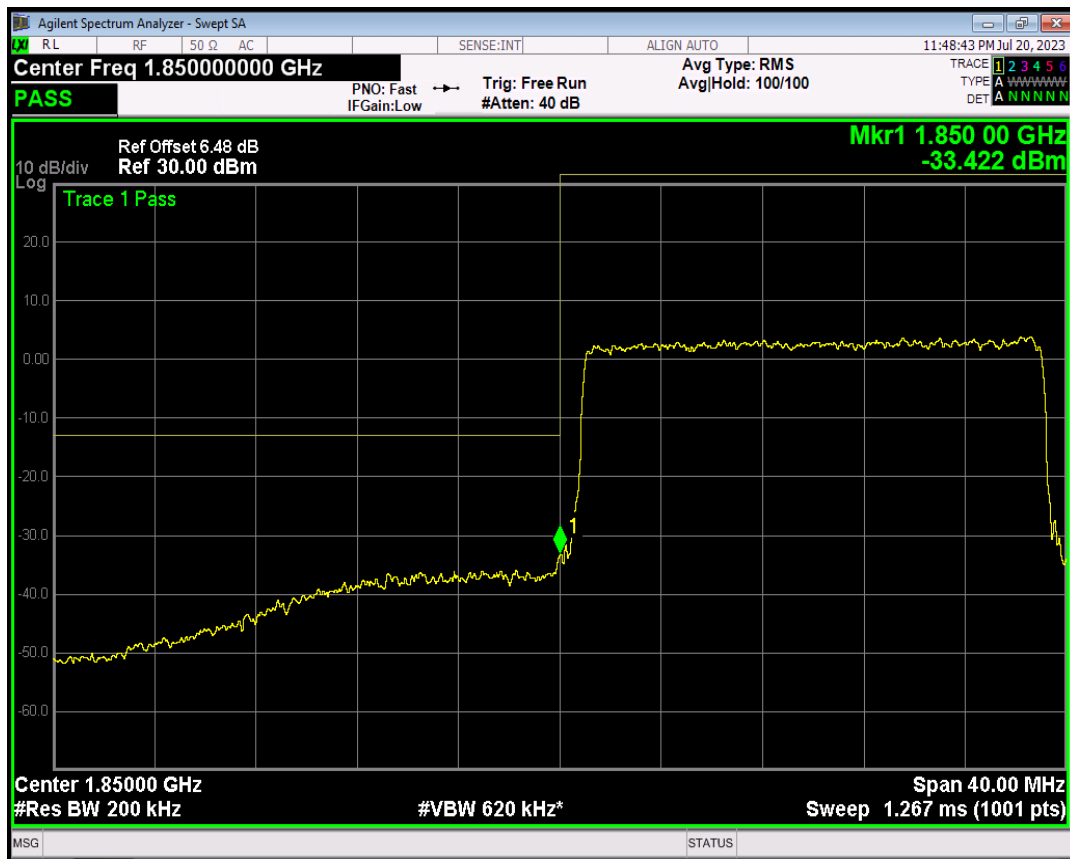


Band2 QPSK BW=20MHz Channel=18700 RB Size=100 Position=#0

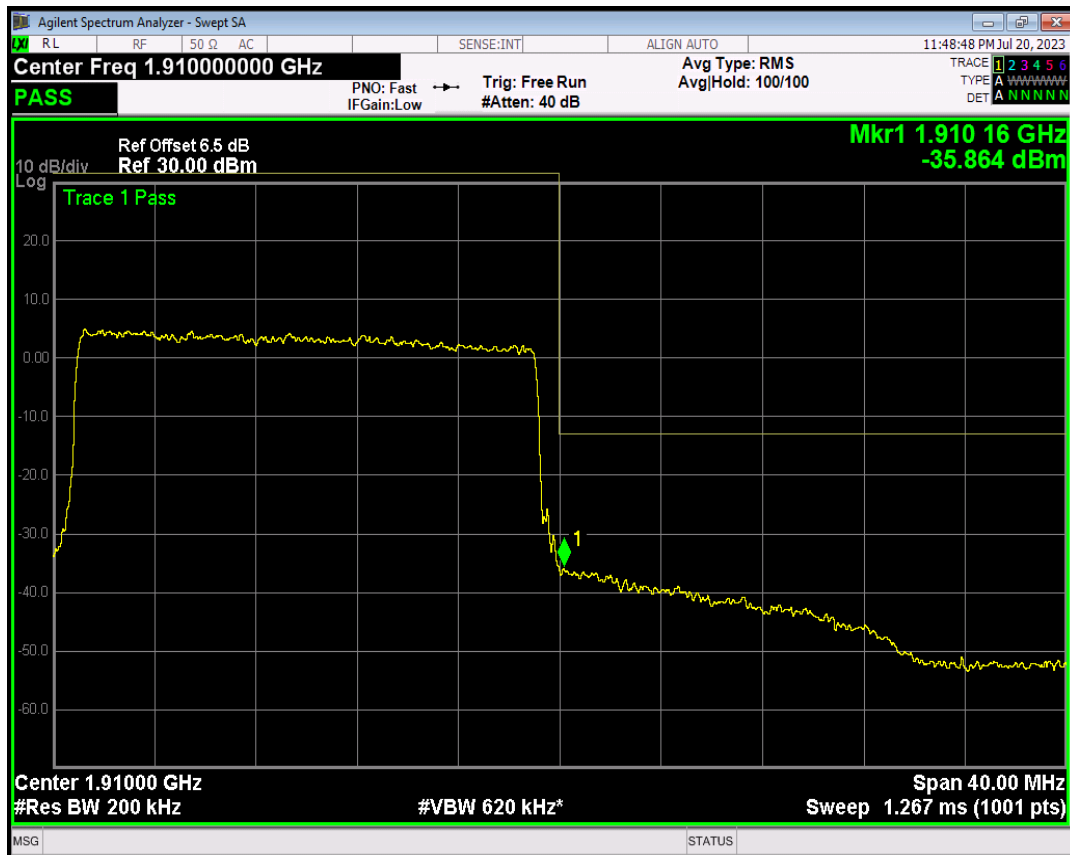


Band2 16QAM BW=20MHz Channel=18700 RB Size=100 Position=#0

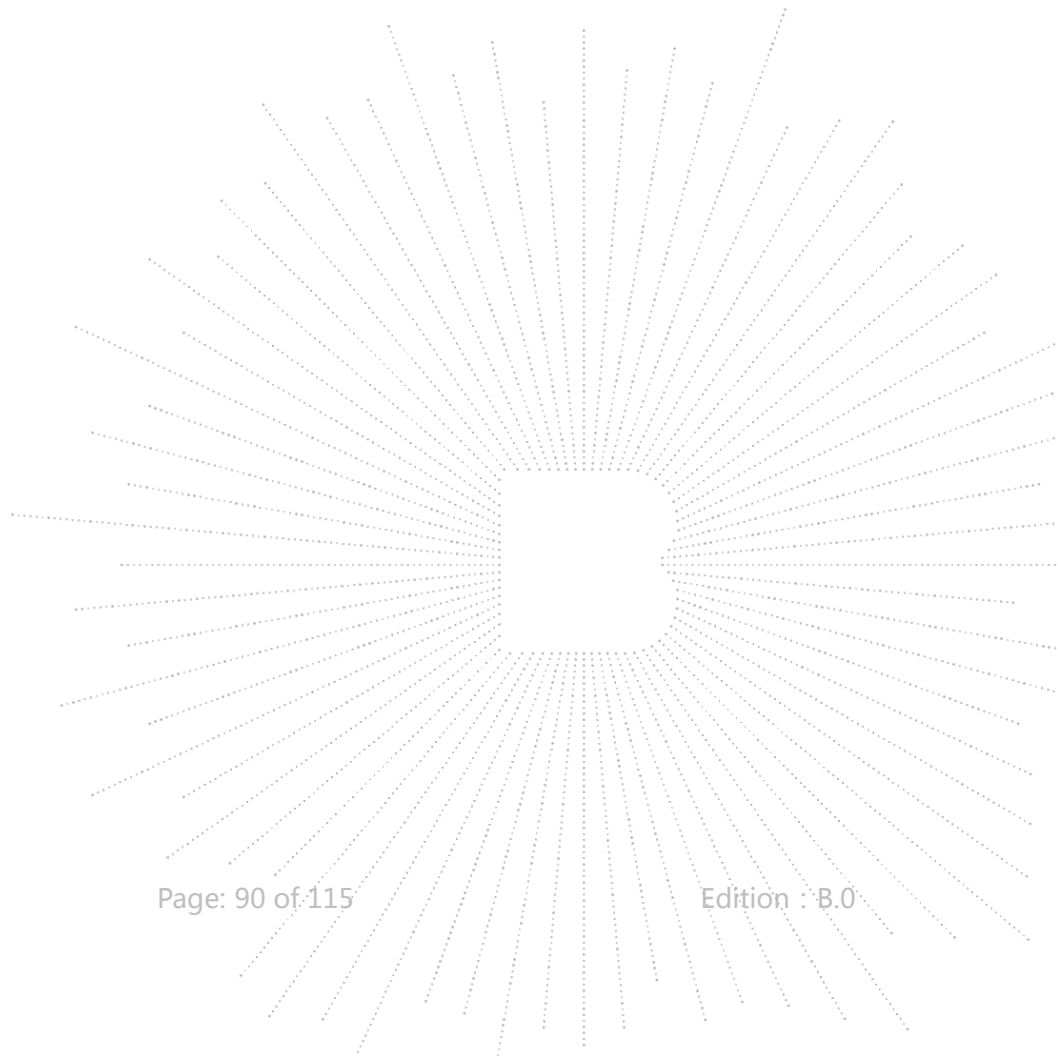
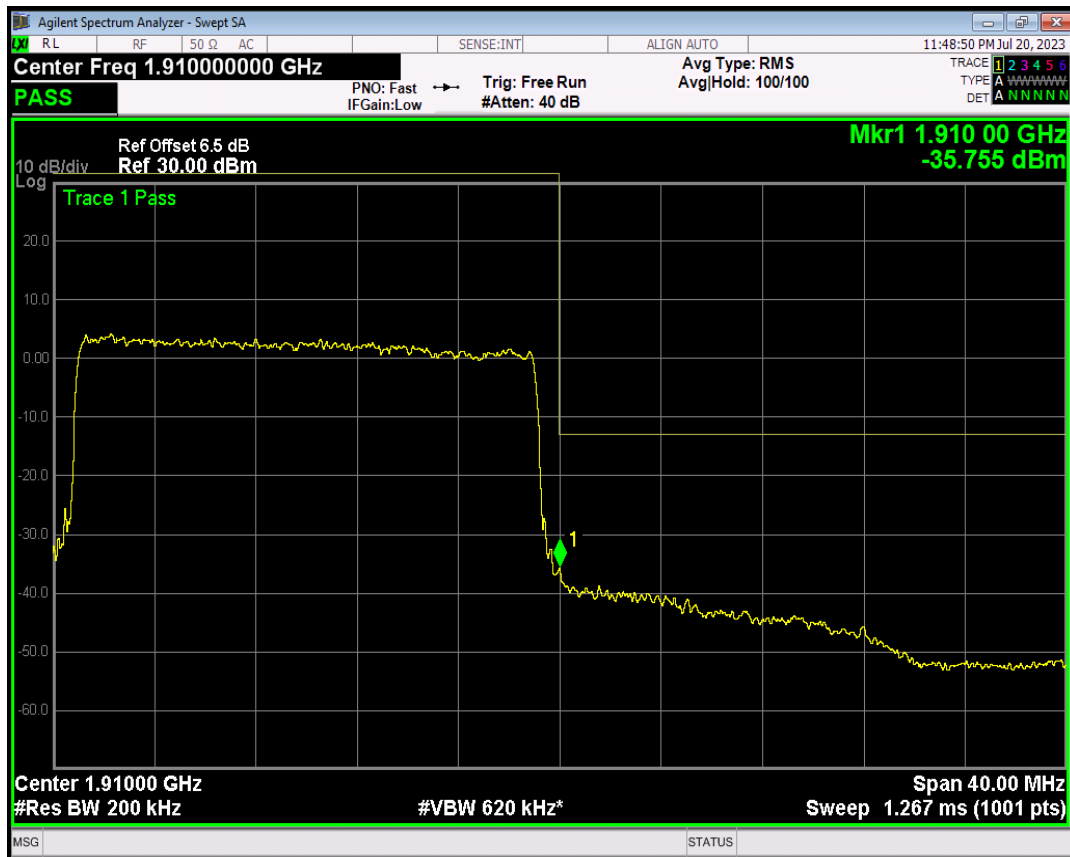




Band2 QPSK BW=20MHz Channel=19100 RB Size=100 Position=#0



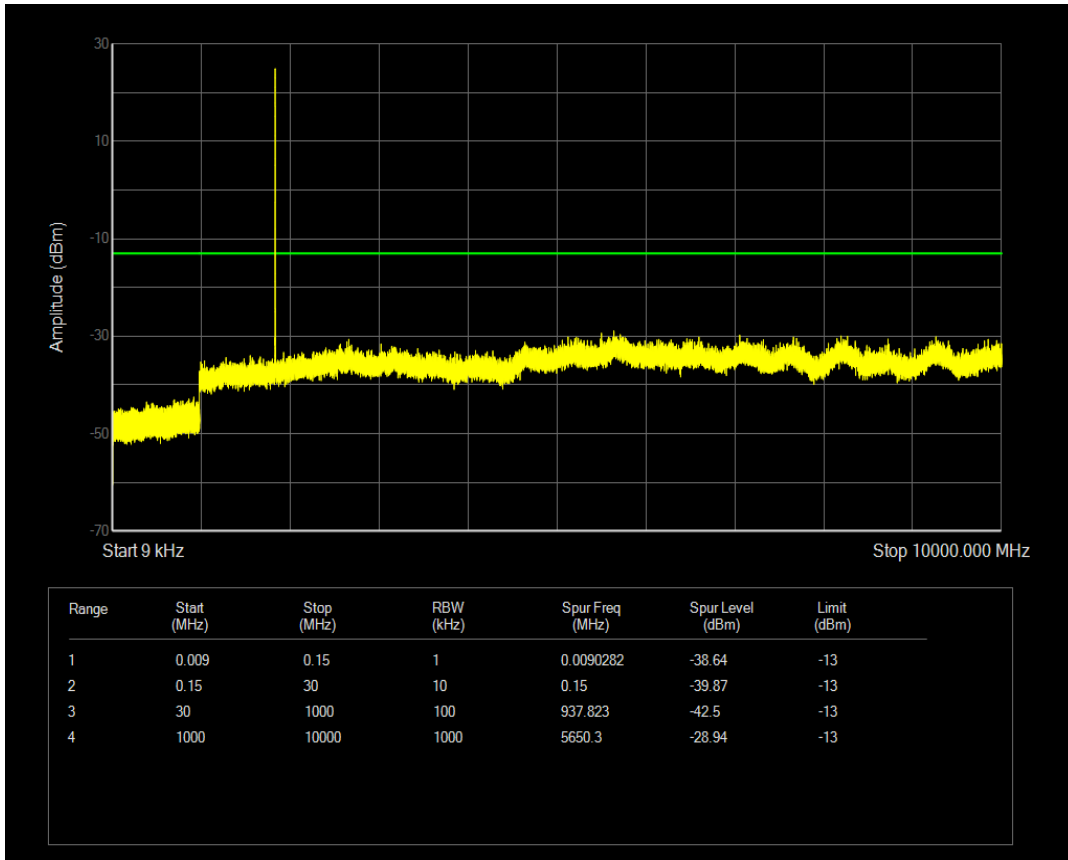
Band2 16QAM BW=20MHz Channel=19100 RB Size=100 Position=#0



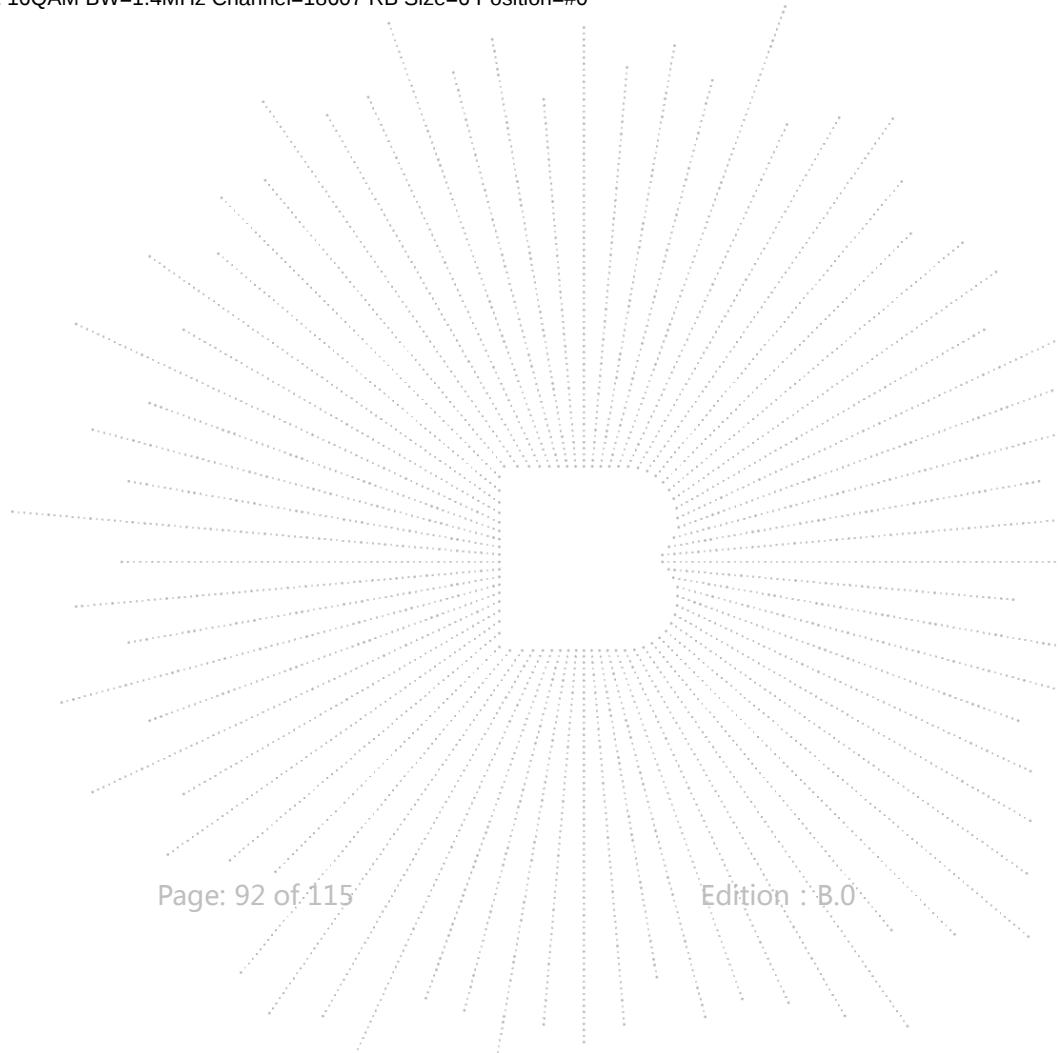
Appendix 6. Out-of-band emissions

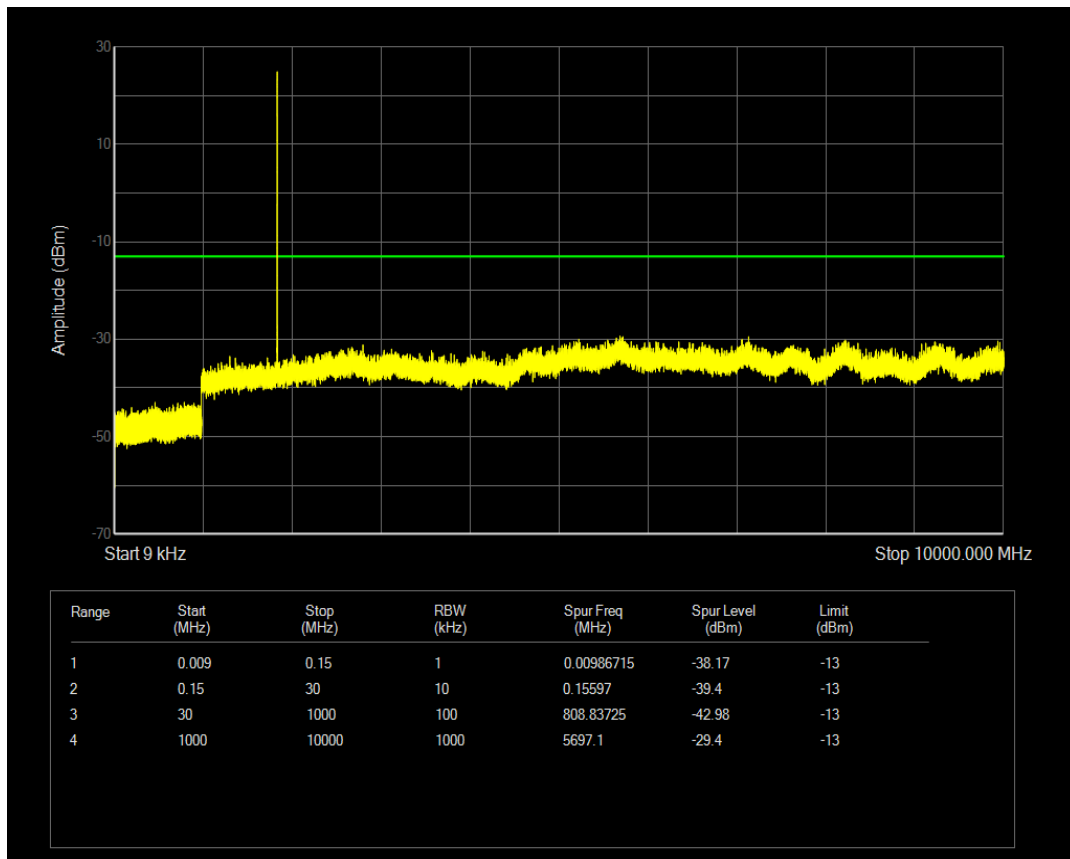
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band2	1.4	18607	6	#0	QPSK	5650.30	-28.94	-13	PASS
Band2	1.4	18607	6	#0	16QAM	5697.10	-29.40	-13	PASS
Band2	1.4	18900	6	#0	QPSK	5714.88	-29.71	-13	PASS
Band2	1.4	18900	6	#0	16QAM	5685.63	-29.34	-13	PASS
Band2	1.4	19193	6	#0	QPSK	5627.80	-28.80	-13	PASS
Band2	1.4	19193	6	#0	16QAM	5706.78	-28.33	-13	PASS
Band2	3	18615	15	#0	QPSK	5657.50	-28.46	-13	PASS
Band2	3	18615	15	#0	16QAM	5636.35	-29.63	-13	PASS
Band2	3	18900	15	#0	QPSK	5693.73	-28.61	-13	PASS
Band2	3	18900	15	#0	16QAM	7596.33	-28.46	-13	PASS
Band2	3	19185	15	#0	QPSK	5689.23	-28.88	-13	PASS
Band2	3	19185	15	#0	16QAM	6157.23	-29.21	-13	PASS
Band2	5	18625	25	#0	QPSK	5810.05	-29.15	-13	PASS
Band2	5	18625	25	#0	16QAM	5680.45	-28.69	-13	PASS
Band2	5	18900	25	#0	QPSK	9291.70	-29.08	-13	PASS
Band2	5	18900	25	#0	16QAM	5742.78	-28.60	-13	PASS
Band2	5	19175	25	#0	QPSK	5678.88	-28.95	-13	PASS
Band2	5	19175	25	#0	16QAM	6616.45	-29.13	-13	PASS
Band2	10	18650	50	#0	QPSK	5678.20	-28.71	-13	PASS
Band2	10	18650	50	#0	16QAM	5704.98	-28.75	-13	PASS
Band2	10	18900	50	#0	QPSK	5667.40	-28.56	-13	PASS
Band2	10	18900	50	#0	16QAM	5702.05	-29.36	-13	PASS
Band2	10	19150	50	#0	QPSK	5656.60	-29.12	-13	PASS
Band2	10	19150	50	#0	16QAM	5707.23	-29.14	-13	PASS
Band2	15	18675	75	#0	QPSK	5668.98	-28.49	-13	PASS
Band2	15	18675	75	#0	16QAM	5715.10	-29.30	-13	PASS
Band2	15	18900	75	#0	QPSK	5664.25	-29.47	-13	PASS
Band2	15	18900	75	#0	16QAM	5673.48	-28.62	-13	PASS
Band2	15	19125	75	#0	QPSK	5684.50	-29.33	-13	PASS
Band2	15	19125	75	#0	16QAM	6152.95	-29.11	-13	PASS
Band2	20	18700	100	#0	QPSK	6258.93	-29.48	-13	PASS
Band2	20	18700	100	#0	16QAM	9914.50	-29.28	-13	PASS
Band2	20	18900	100	#0	QPSK	7099.75	-28.91	-13	PASS
Band2	20	18900	100	#0	16QAM	8161.75	-29.32	-13	PASS
Band2	20	19100	100	#0	QPSK	5627.58	-29.31	-13	PASS
Band2	20	19100	100	#0	16QAM	5726.13	-28.91	-13	PASS

Band2 QPSK BW=1.4MHz Channel=18607 RB Size=6 Position=#0

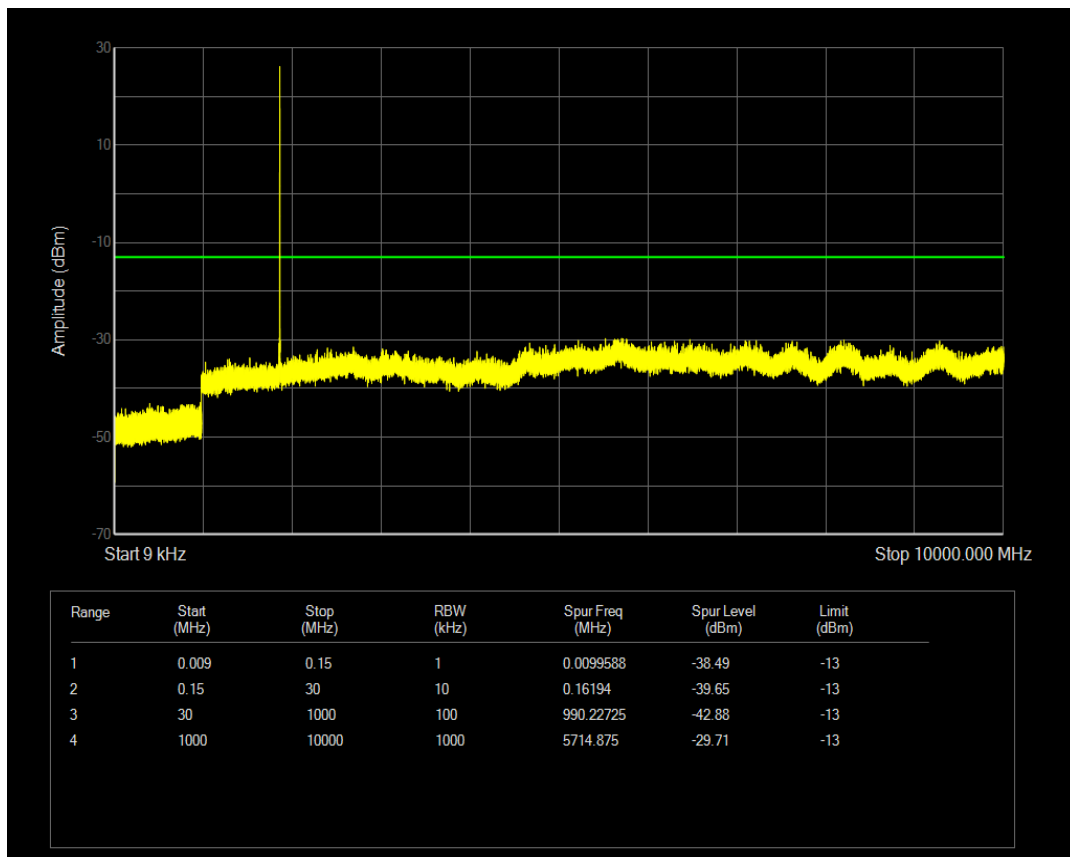


Band2 16QAM BW=1.4MHz Channel=18607 RB Size=6 Position=#0



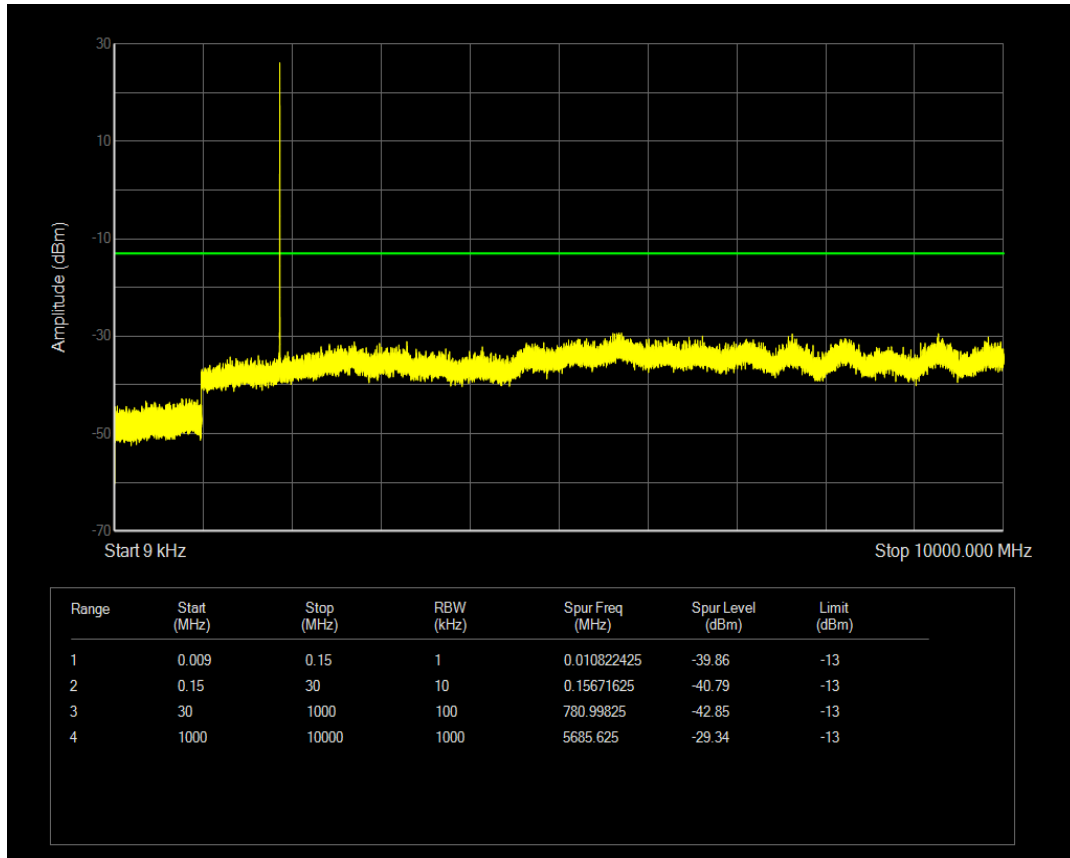


Band2 QPSK BW=1.4MHz Channel=18900 RB Size=6 Position=#0

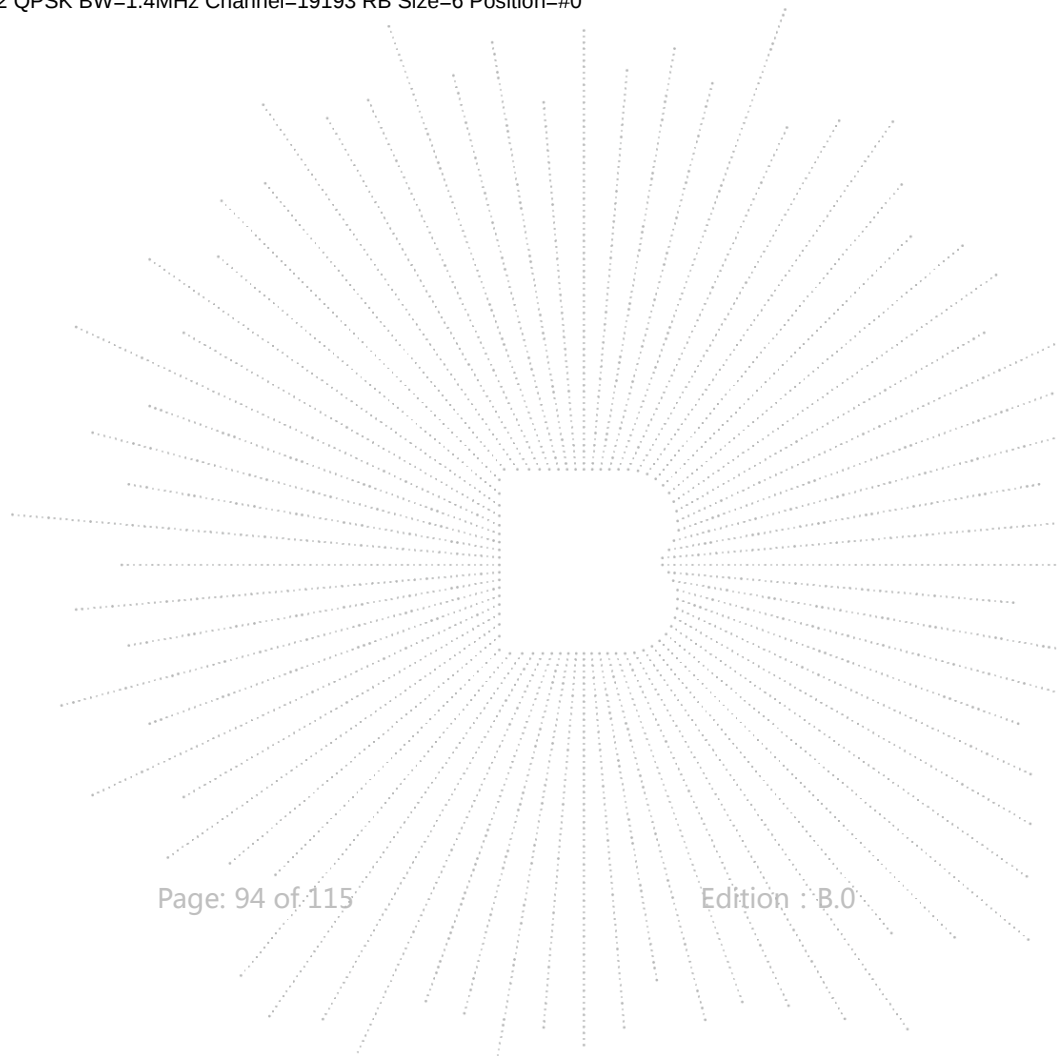


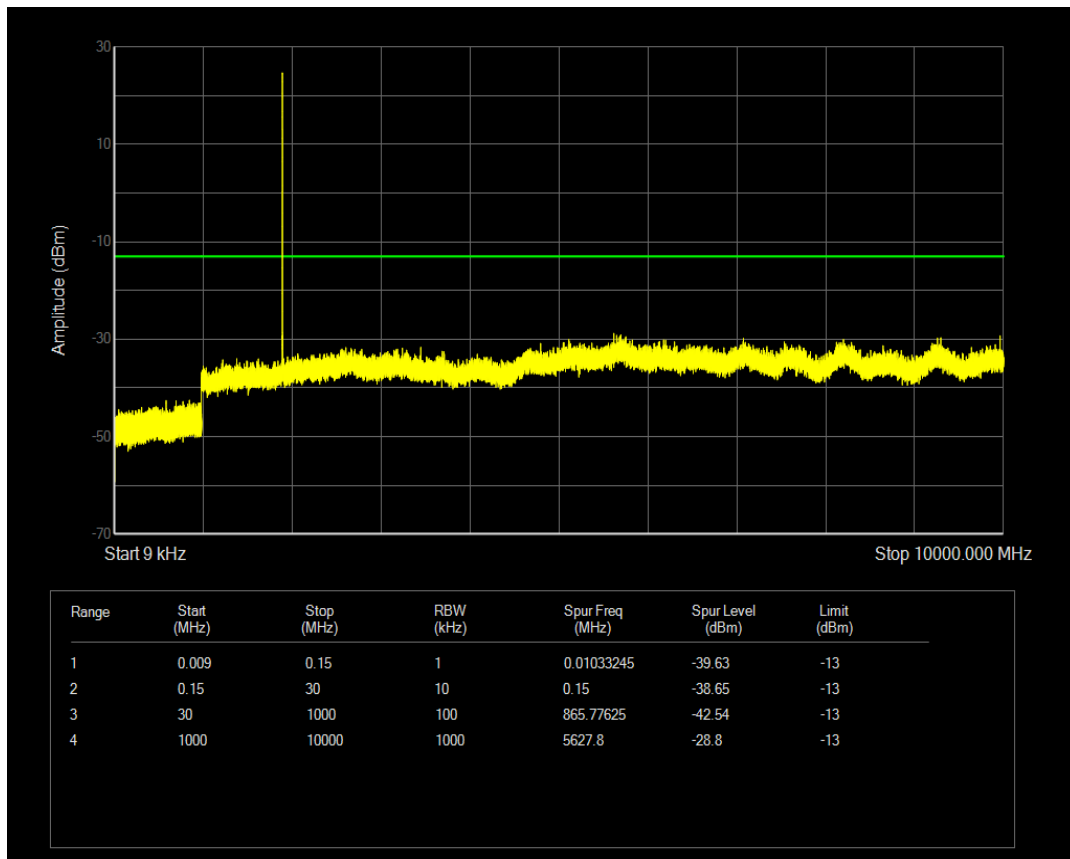


Band2 16QAM BW=1.4MHz Channel=18900 RB Size=6 Position=#0

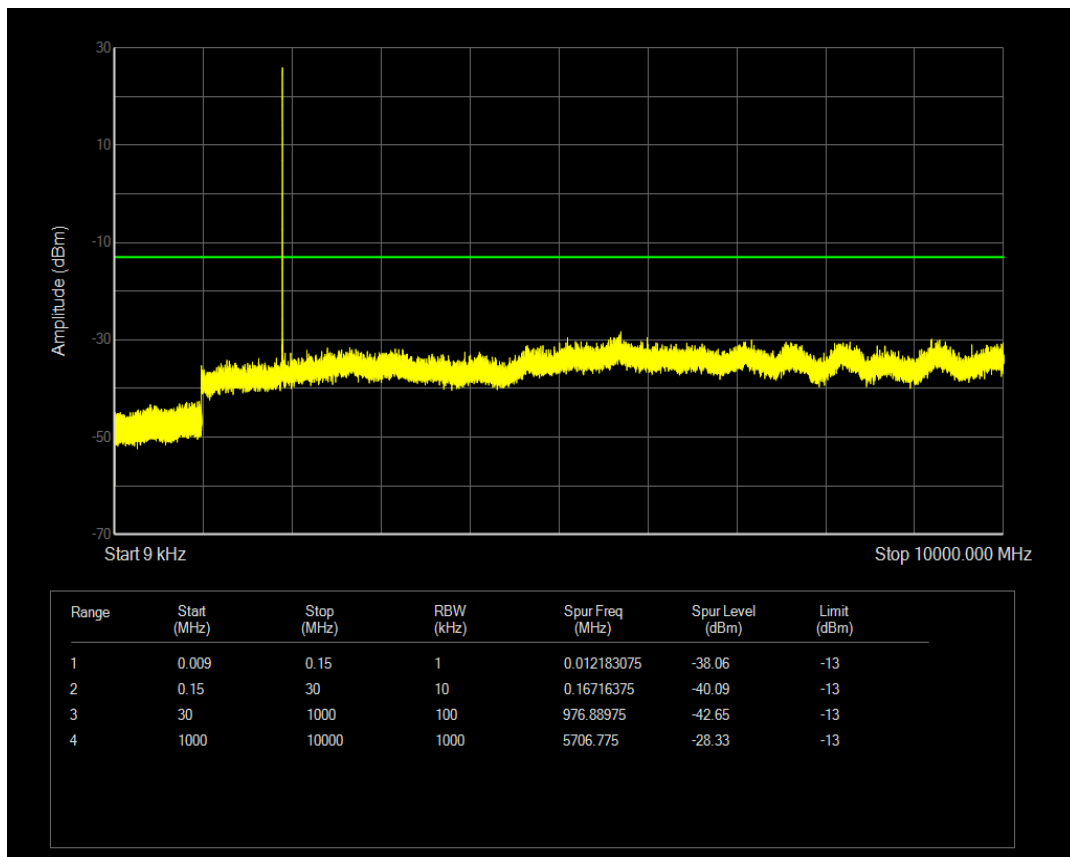


Band2 QPSK BW=1.4MHz Channel=19193 RB Size=6 Position=#0

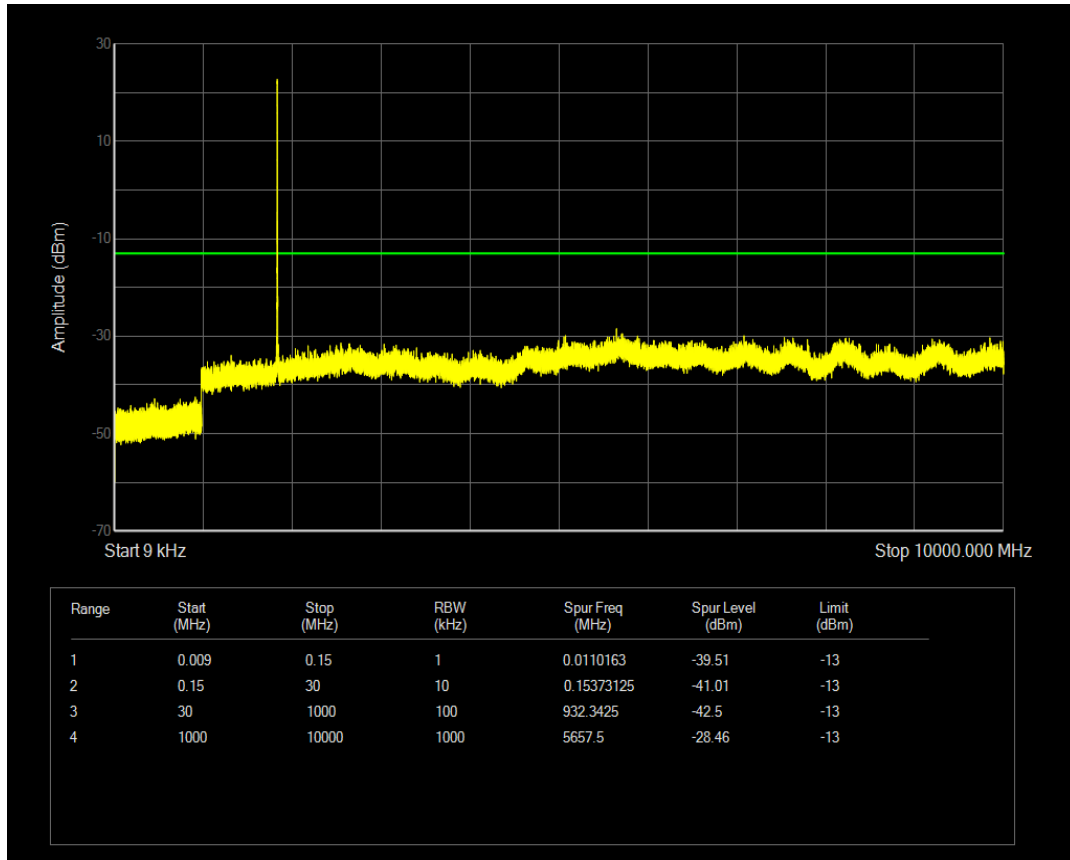




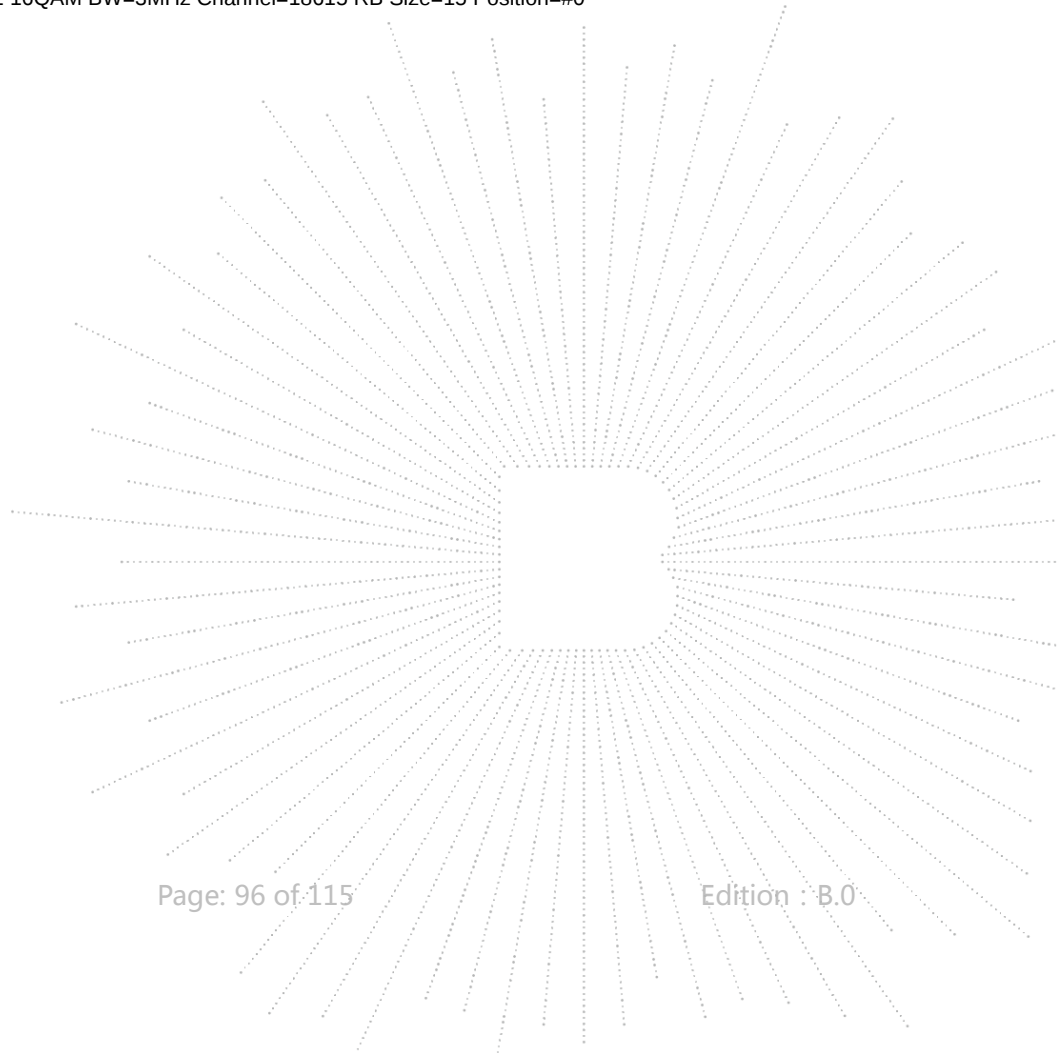
Band2 16QAM BW=1.4MHz Channel=19193 RB Size=6 Position=#0

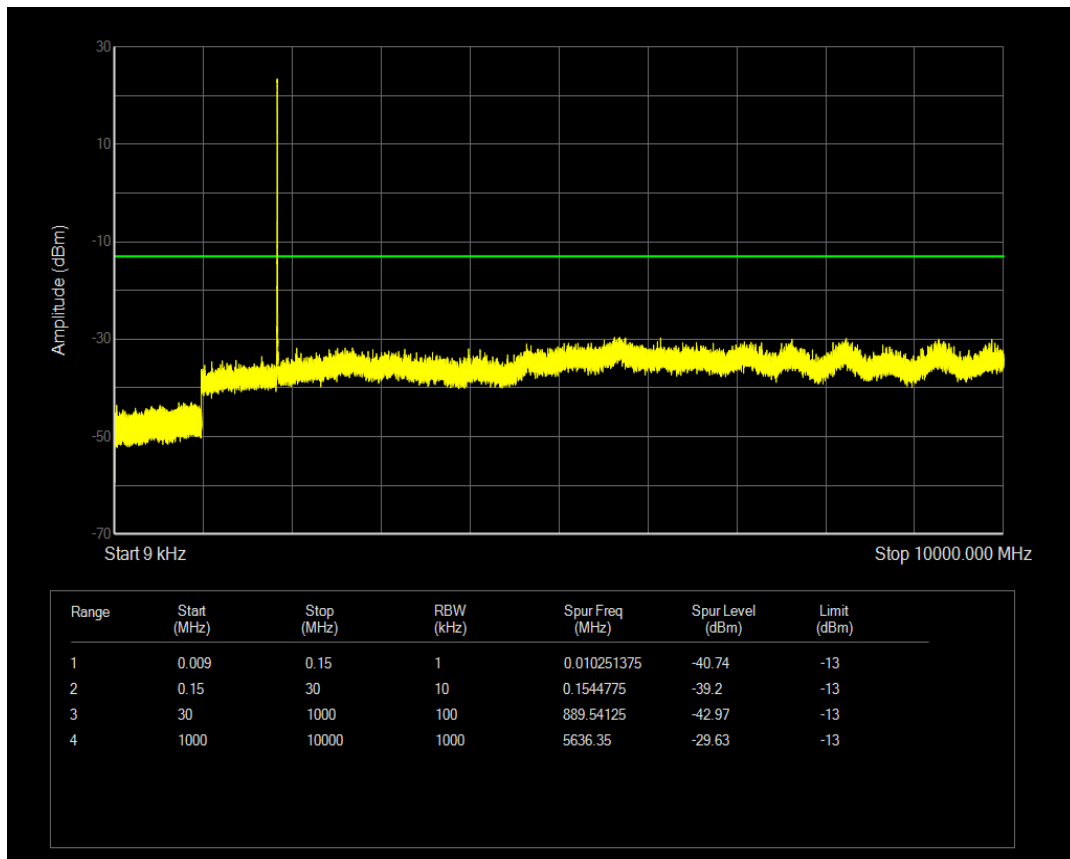


Band2 QPSK BW=3MHz Channel=18615 RB Size=15 Position=#0

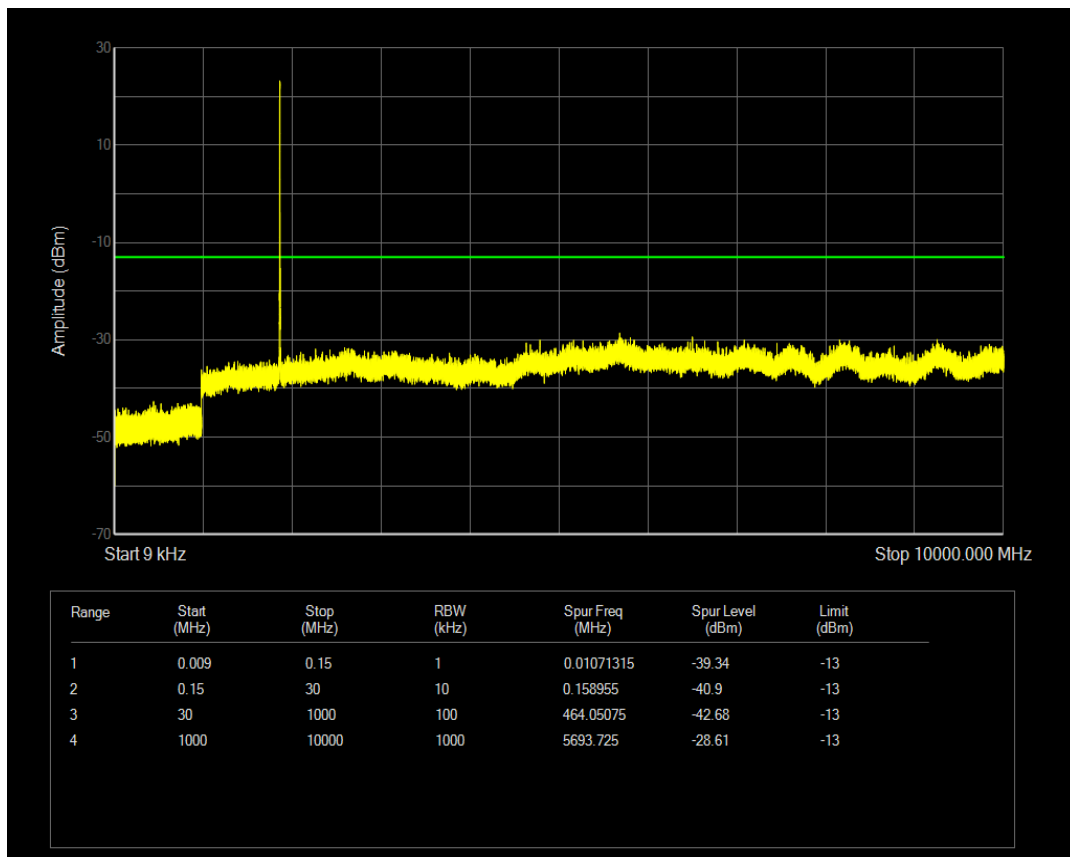


Band2 16QAM BW=3MHz Channel=18615 RB Size=15 Position=#0



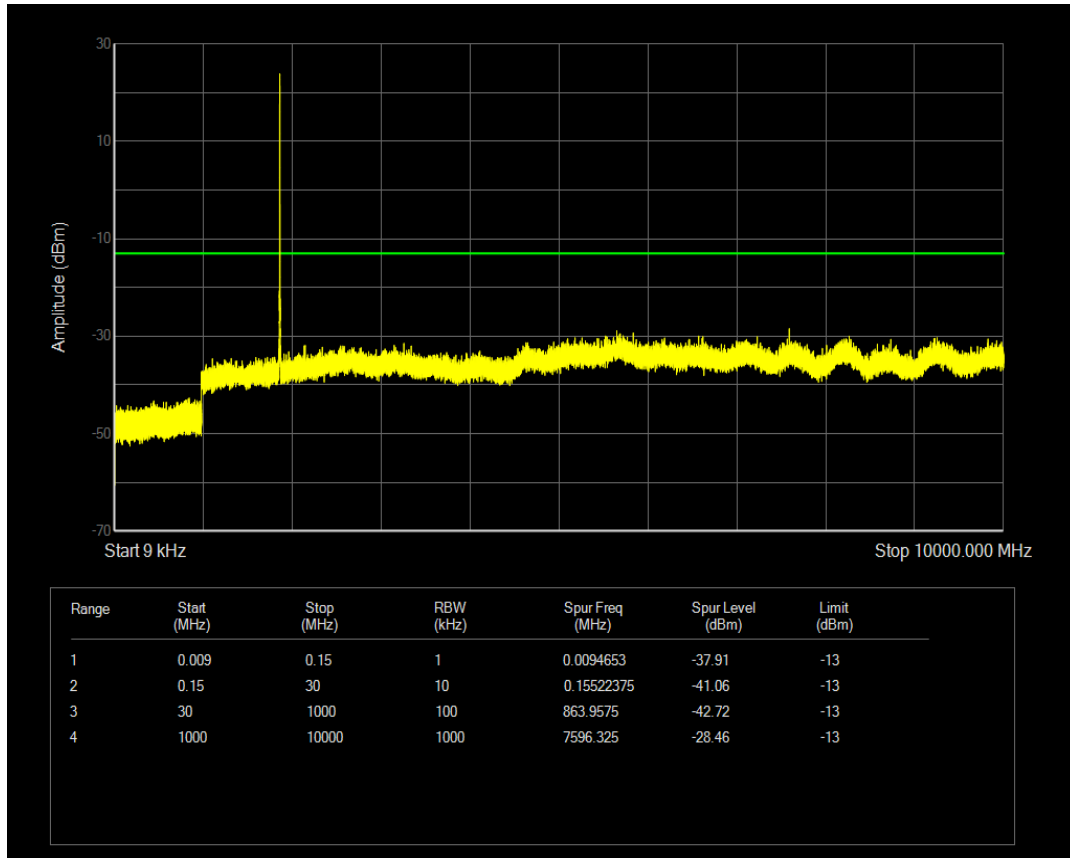


Band2 QPSK BW=3MHz Channel=18900 RB Size=15 Position=#0

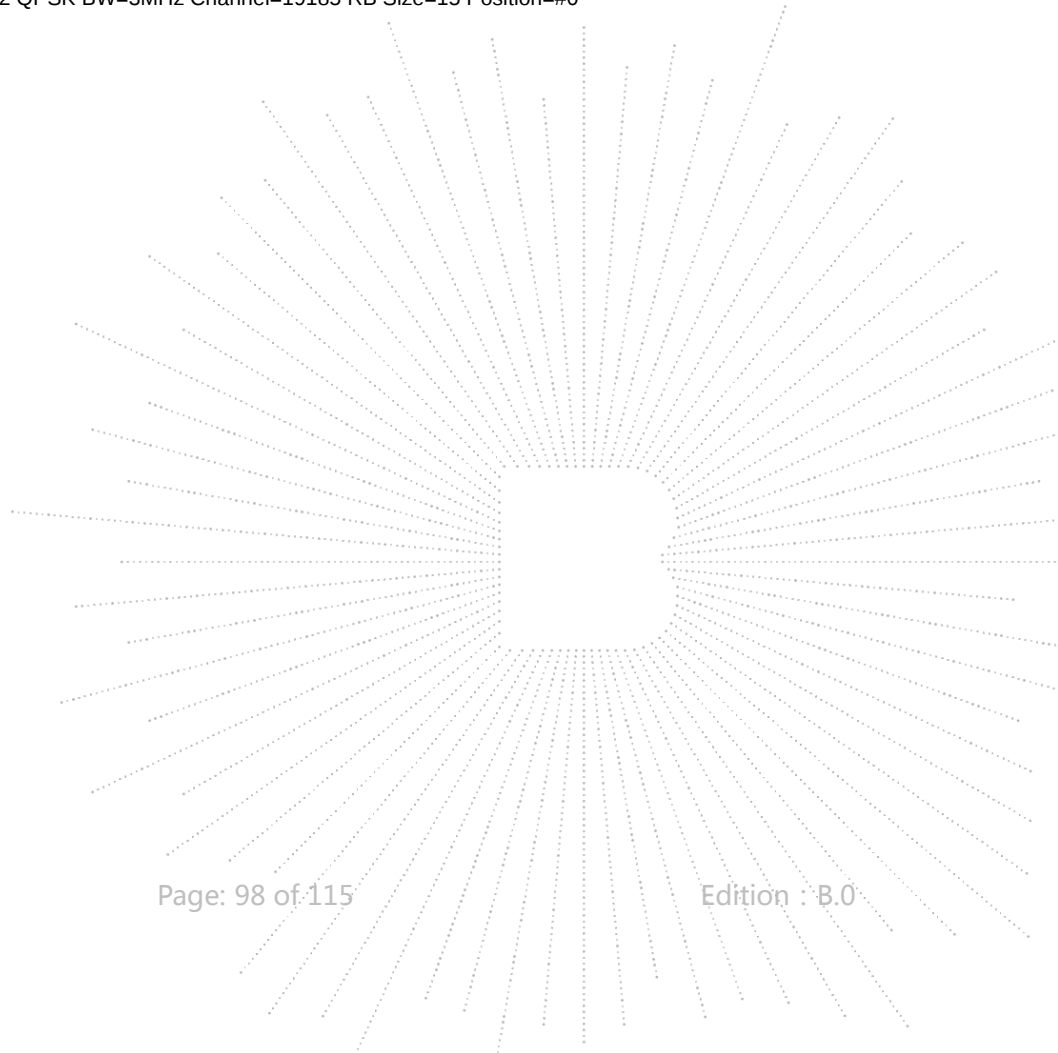


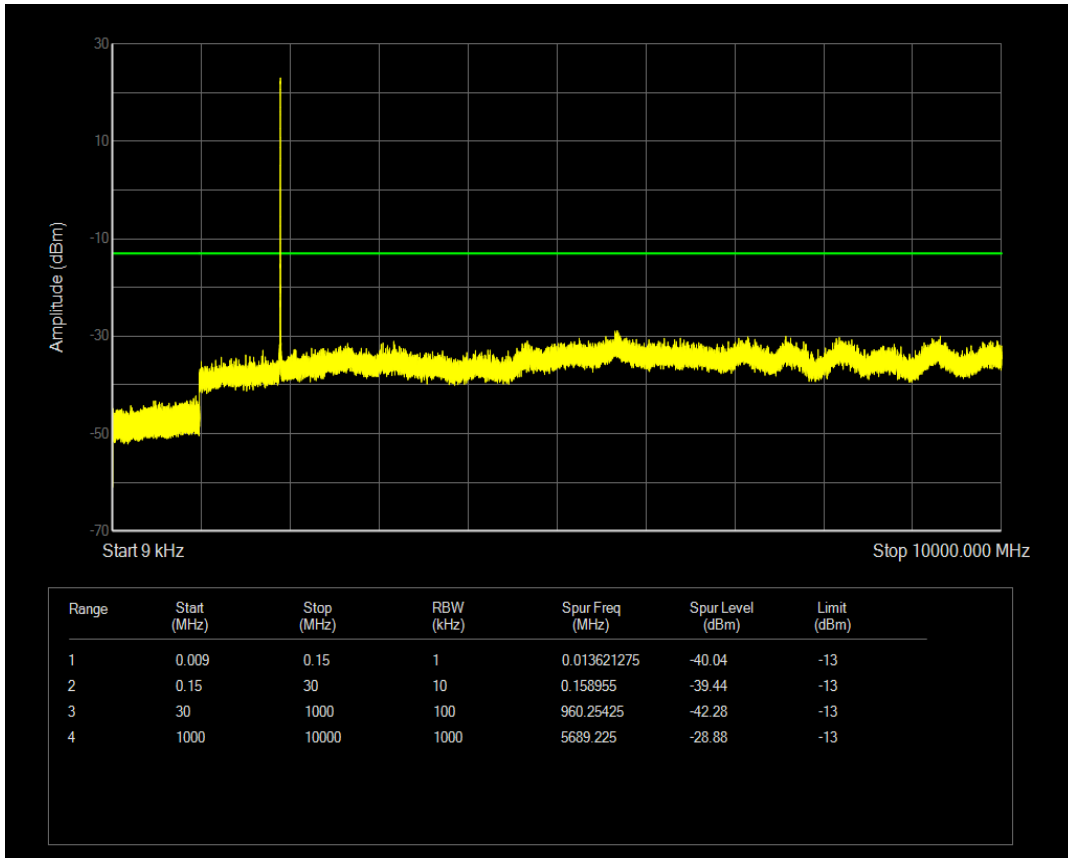


Band2 16QAM BW=3MHz Channel=18900 RB Size=15 Position=#0

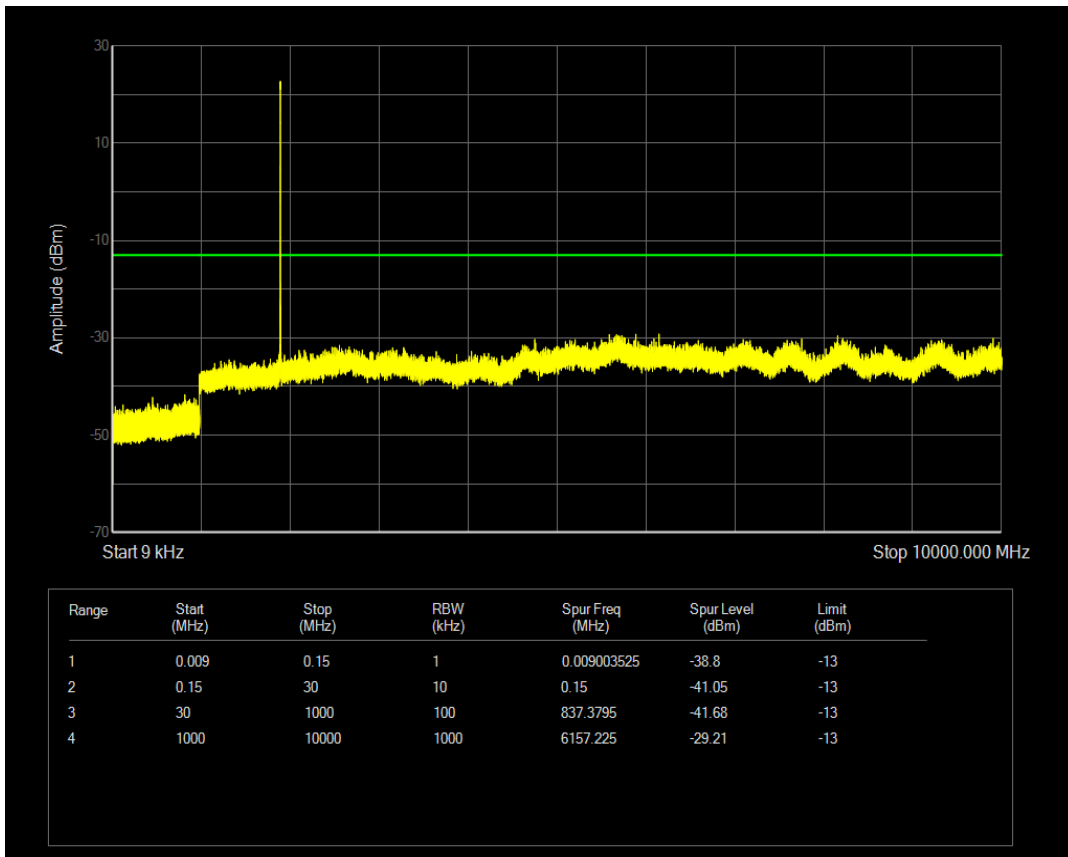


Band2 QPSK BW=3MHz Channel=19185 RB Size=15 Position=#0



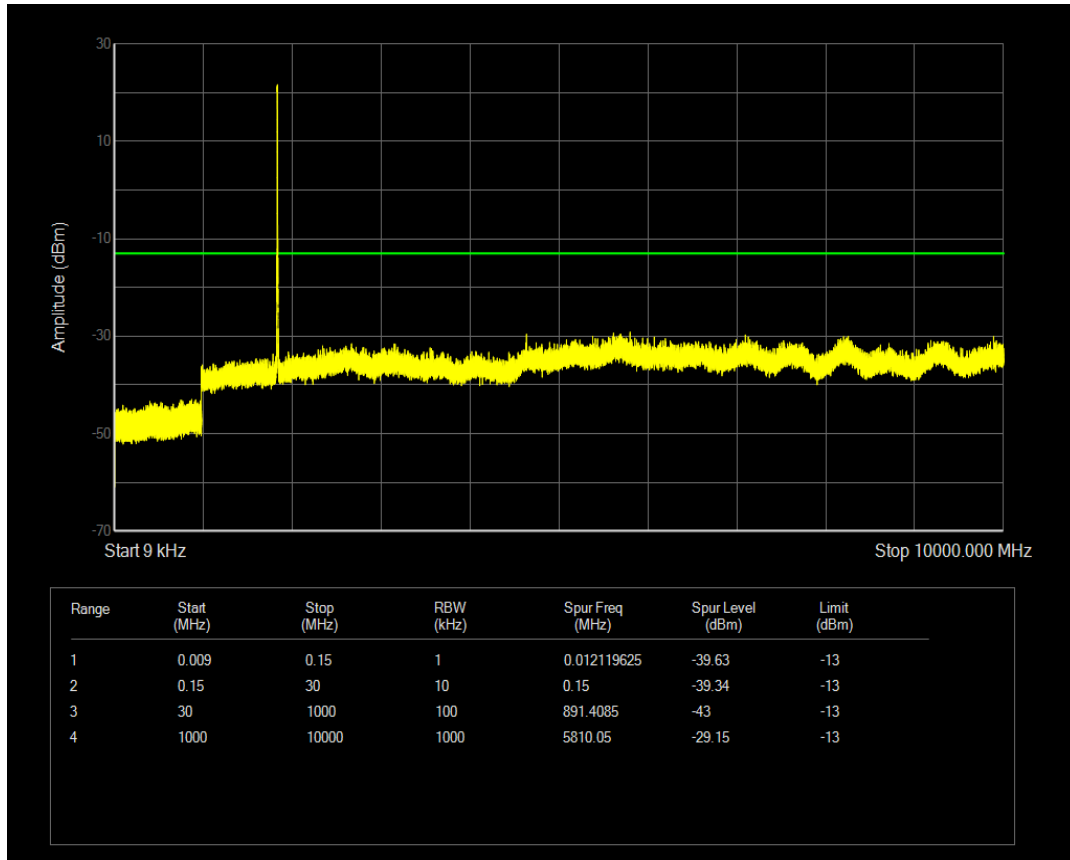


Band2 16QAM BW=3MHz Channel=19185 RB Size=15 Position=#0

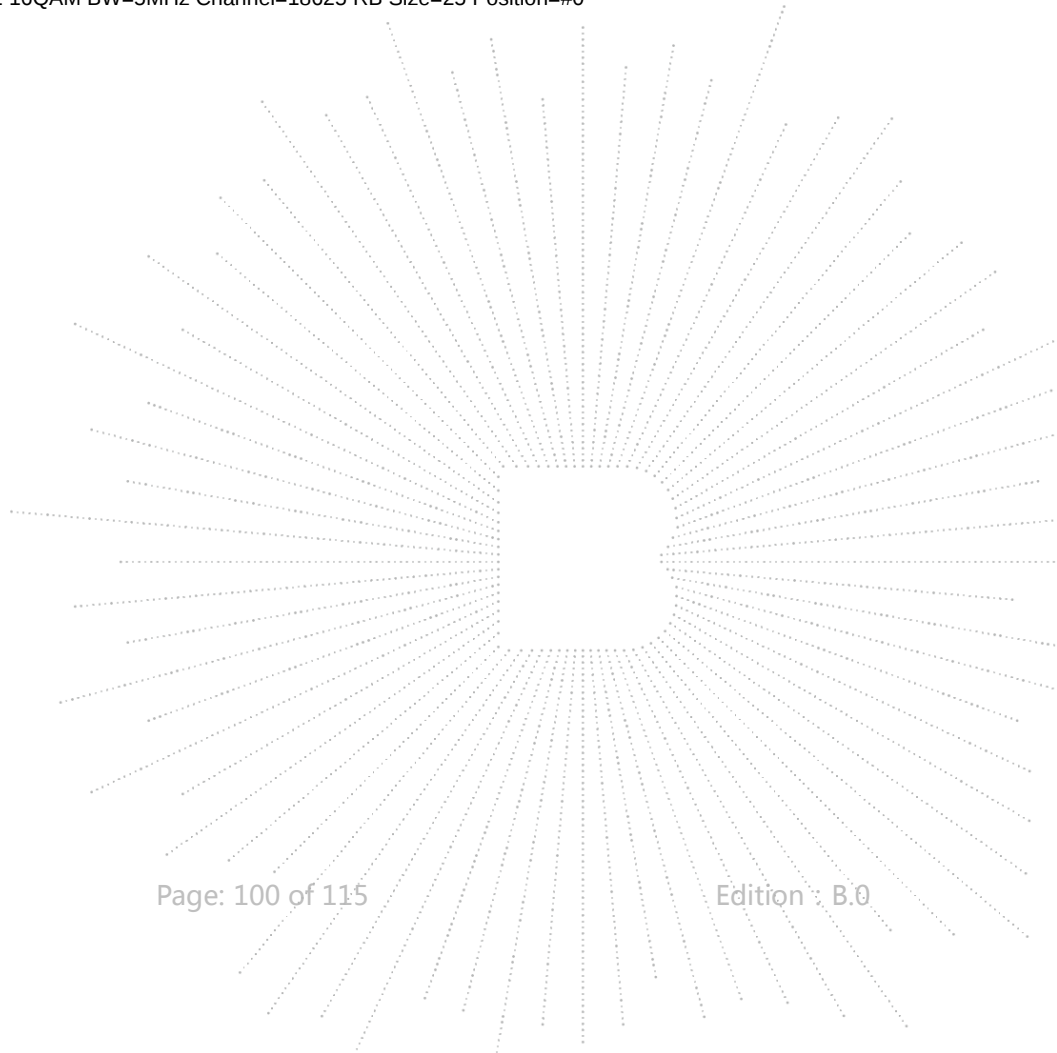


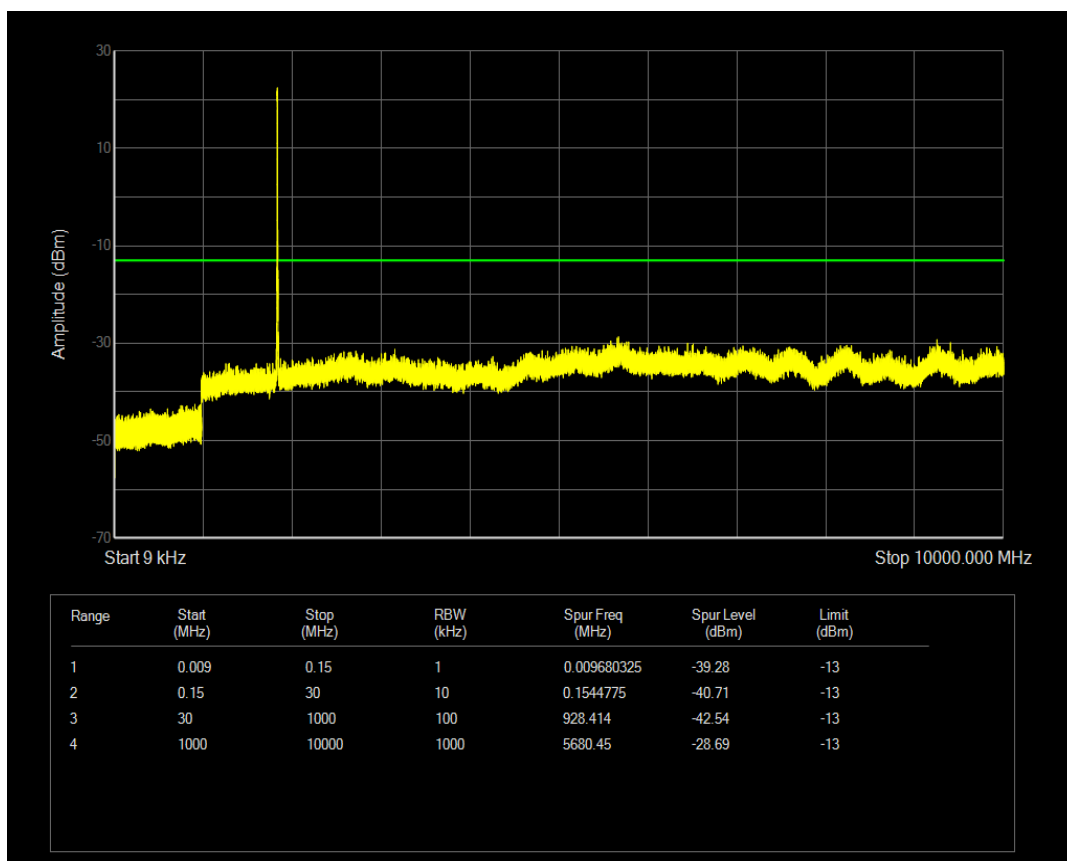


Band2 QPSK BW=5MHz Channel=18625 RB Size=25 Position=#0

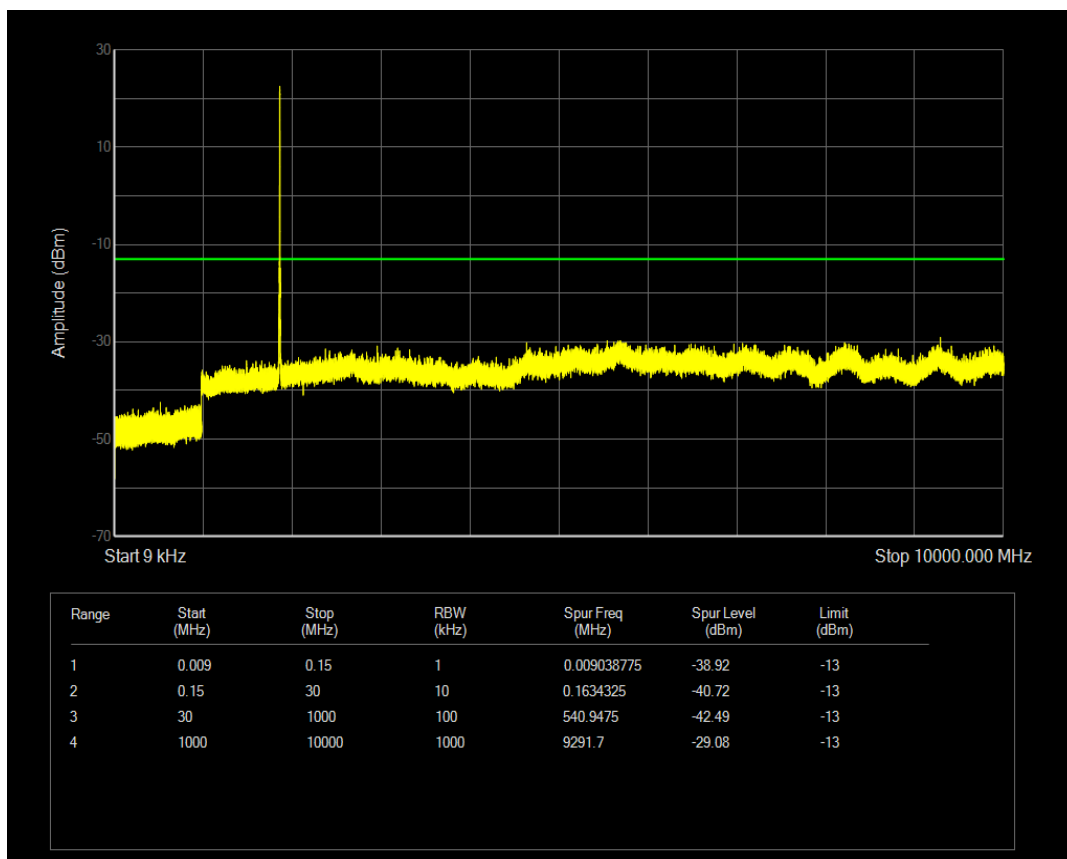


Band2 16QAM BW=5MHz Channel=18625 RB Size=25 Position=#0



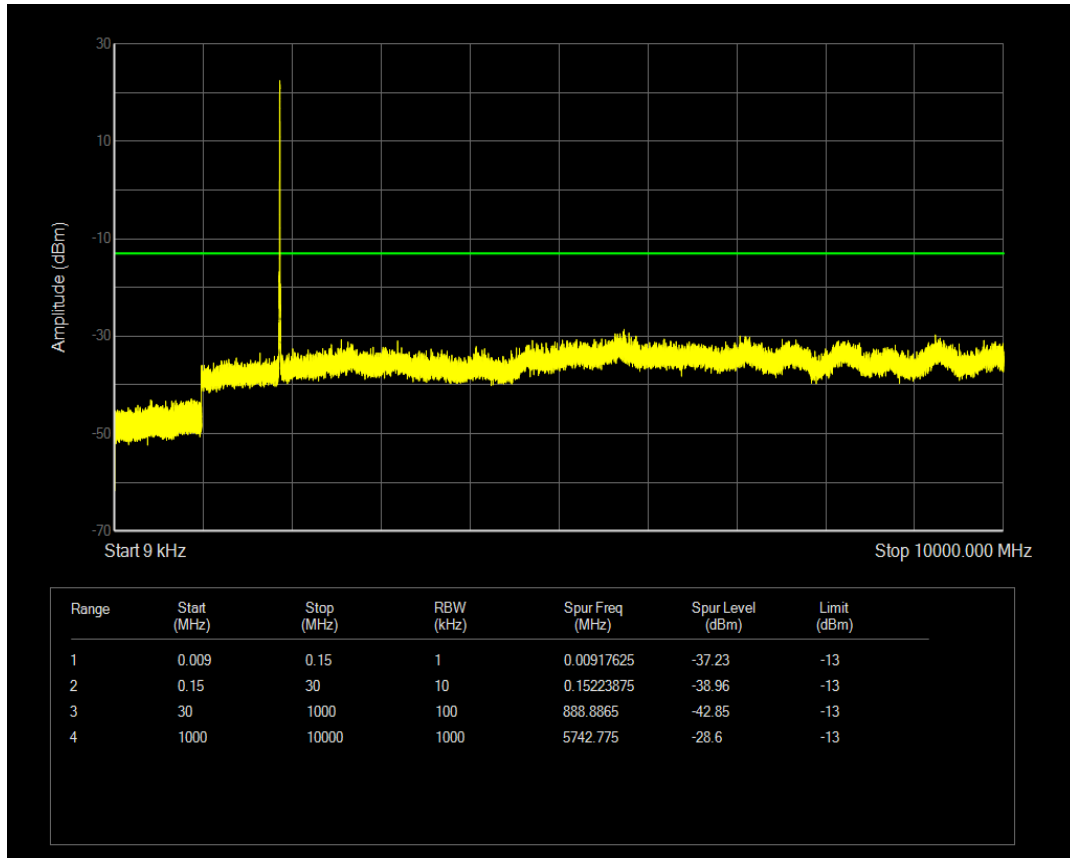


Band2 QPSK BW=5MHz Channel=18900 RB Size=25 Position=#0

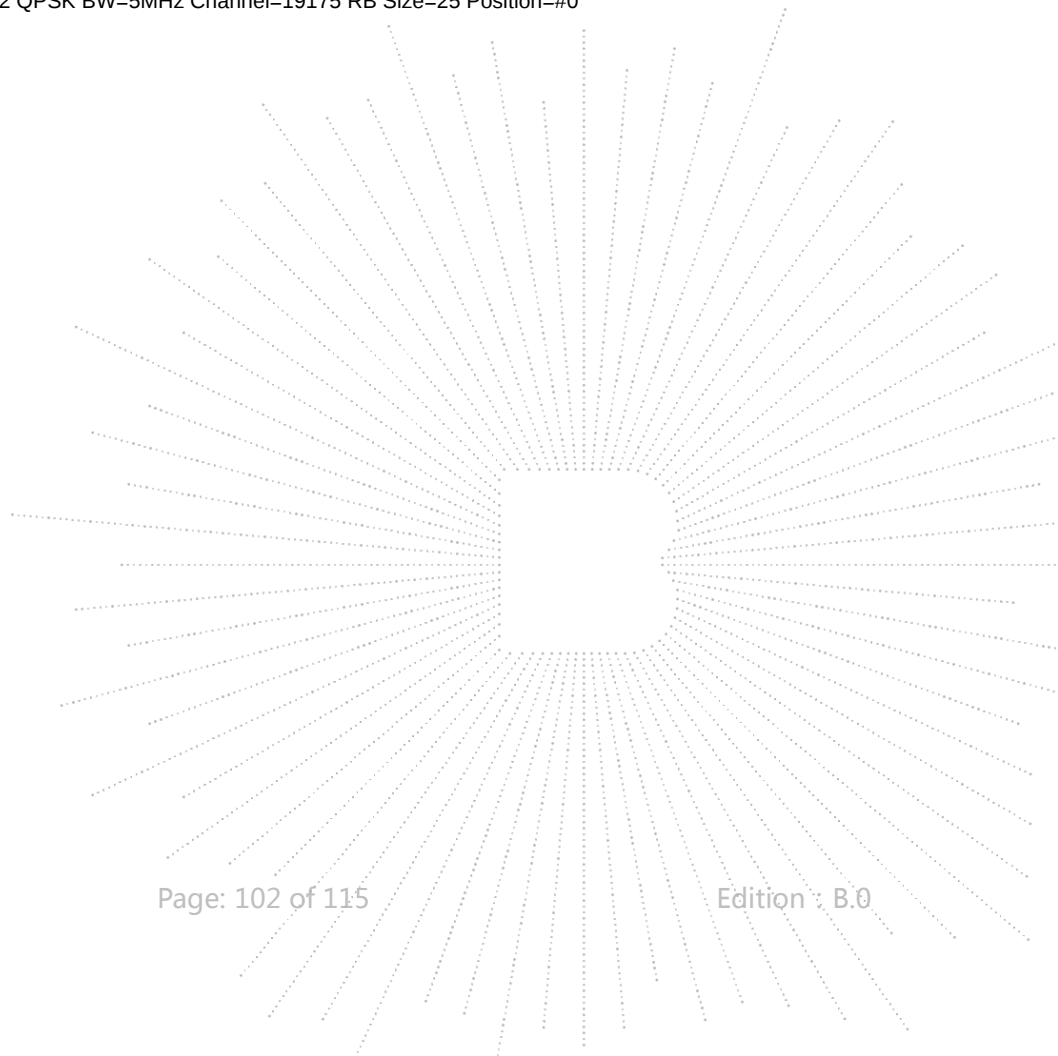


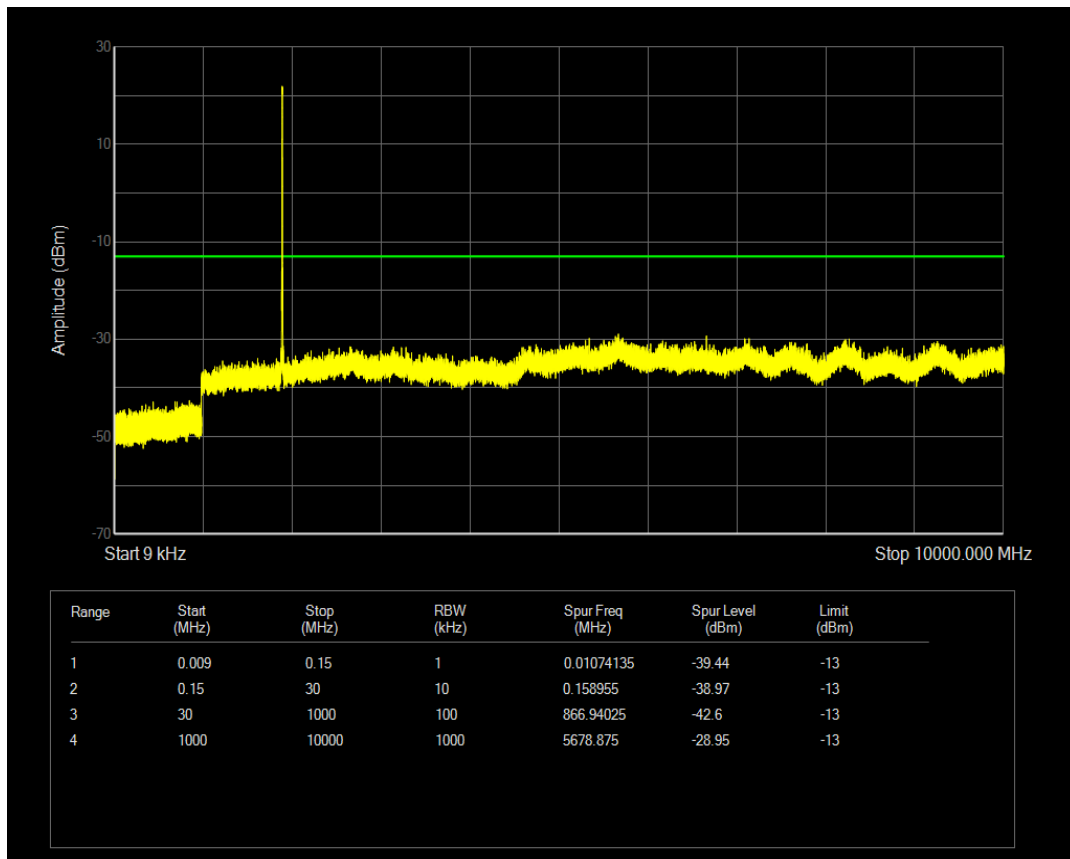


Band2 16QAM BW=5MHz Channel=18900 RB Size=25 Position=#0

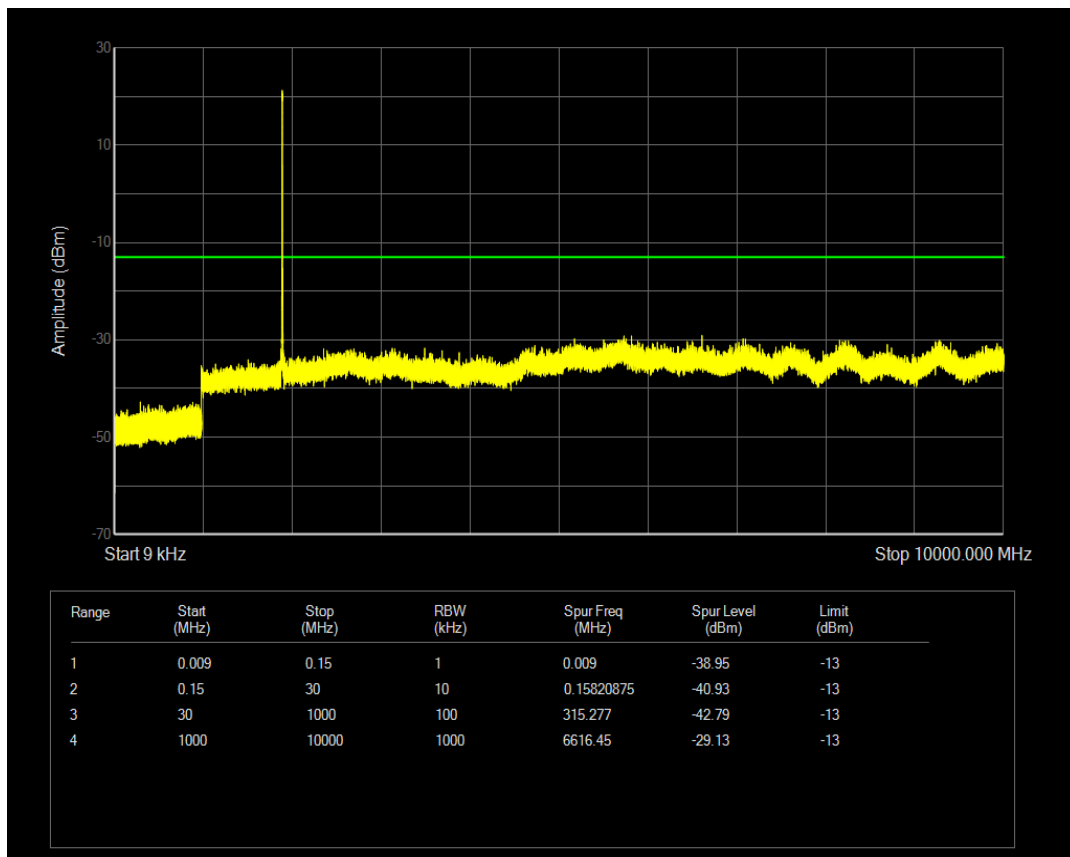


Band2 QPSK BW=5MHz Channel=19175 RB Size=25 Position=#0



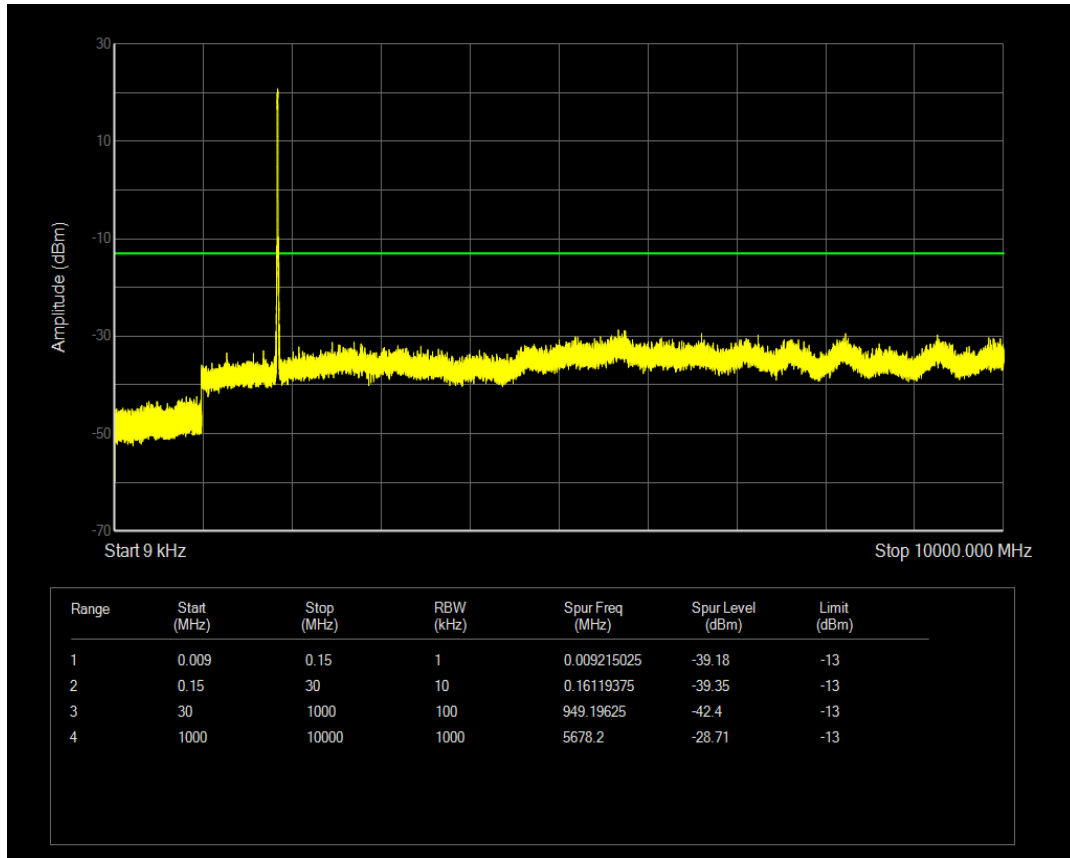


Band2 16QAM BW=5MHz Channel=19175 RB Size=25 Position=#0

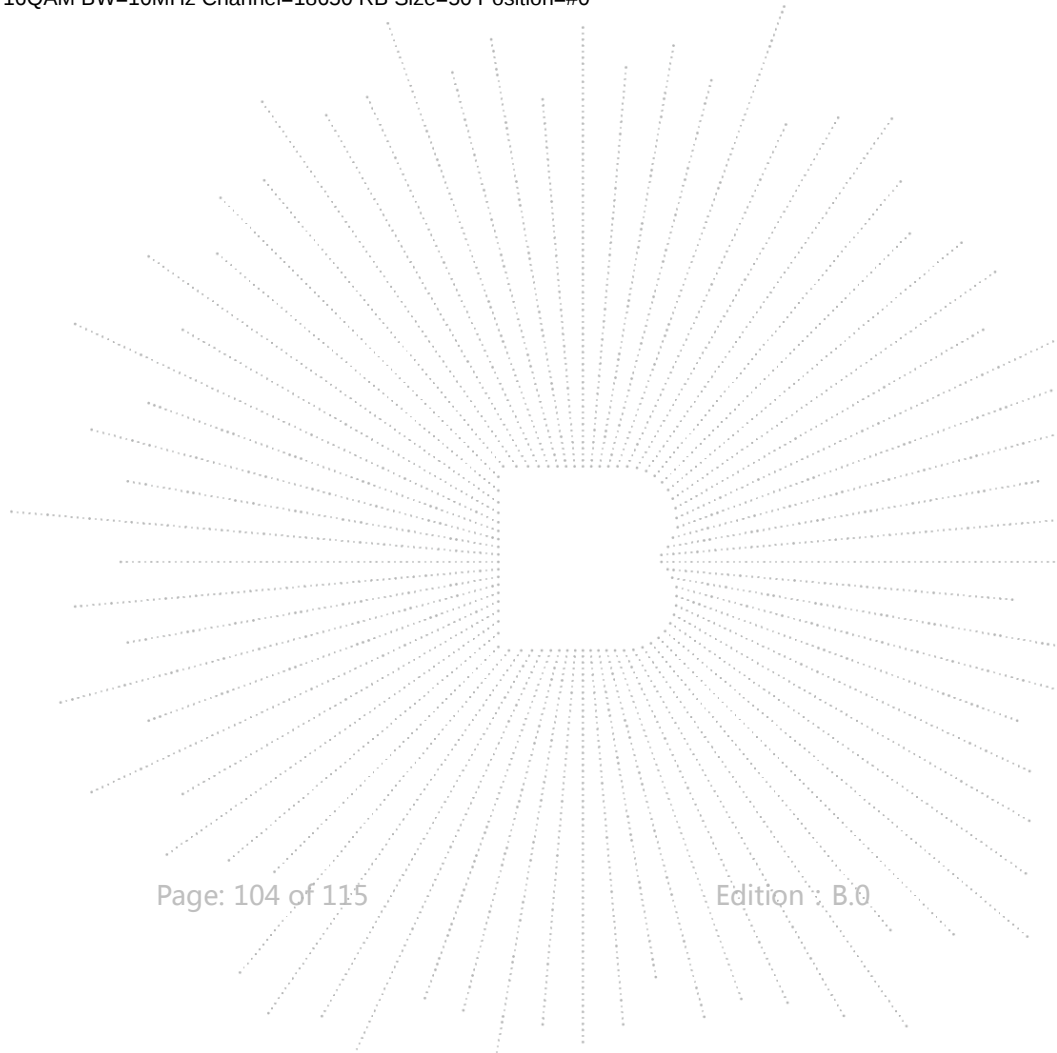


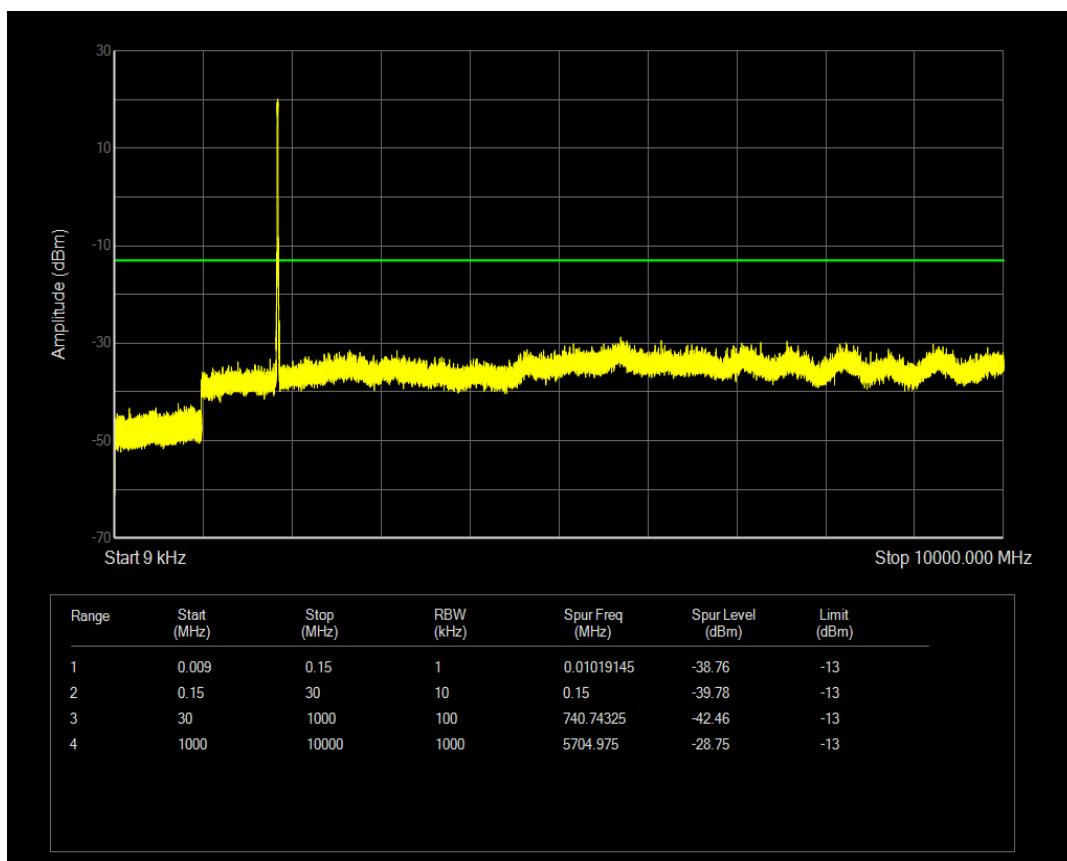


Band2 QPSK BW=10MHz Channel=18650 RB Size=50 Position=#0

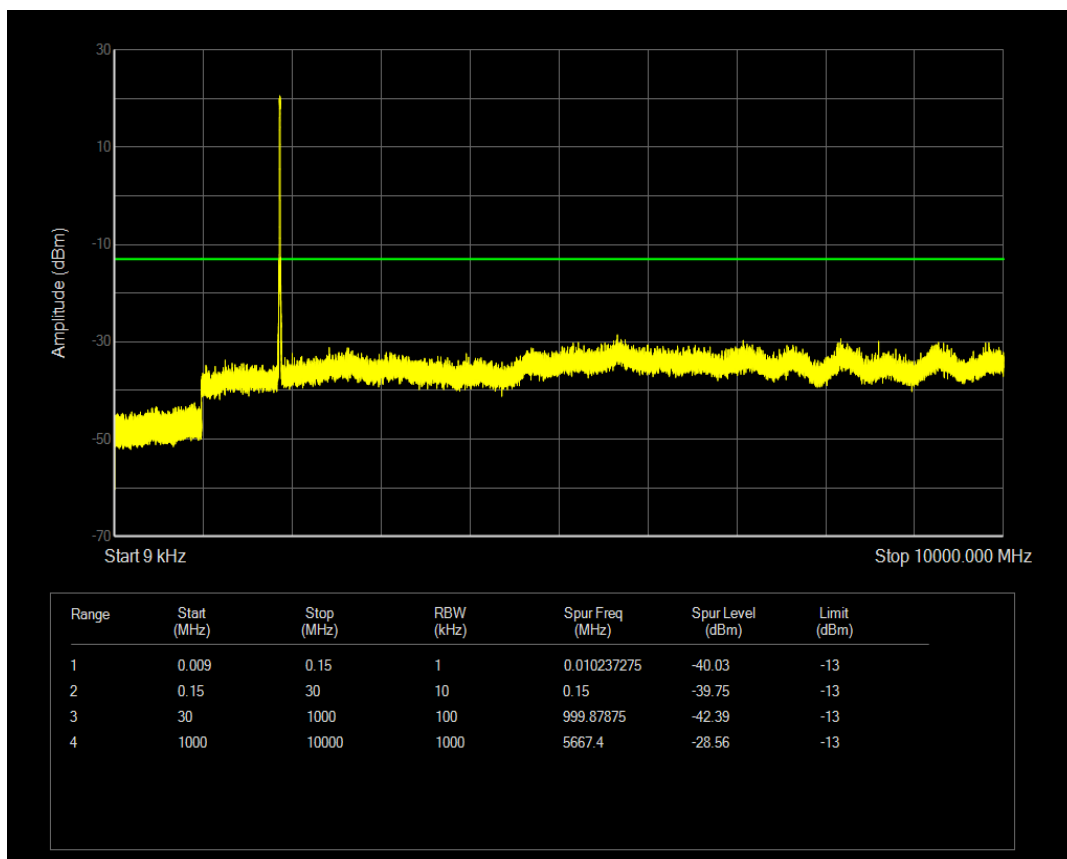


Band2 16QAM BW=10MHz Channel=18650 RB Size=50 Position=#0



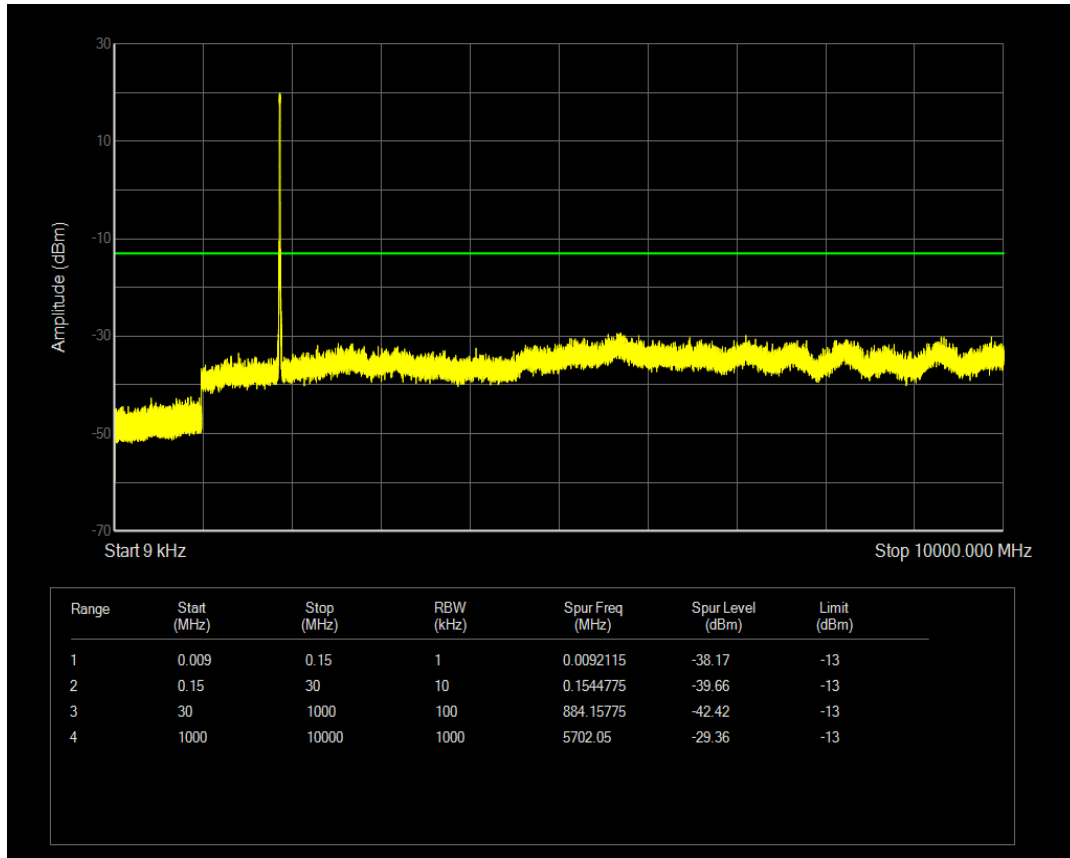


Band2 QPSK BW=10MHz Channel=18900 RB Size=50 Position=#0

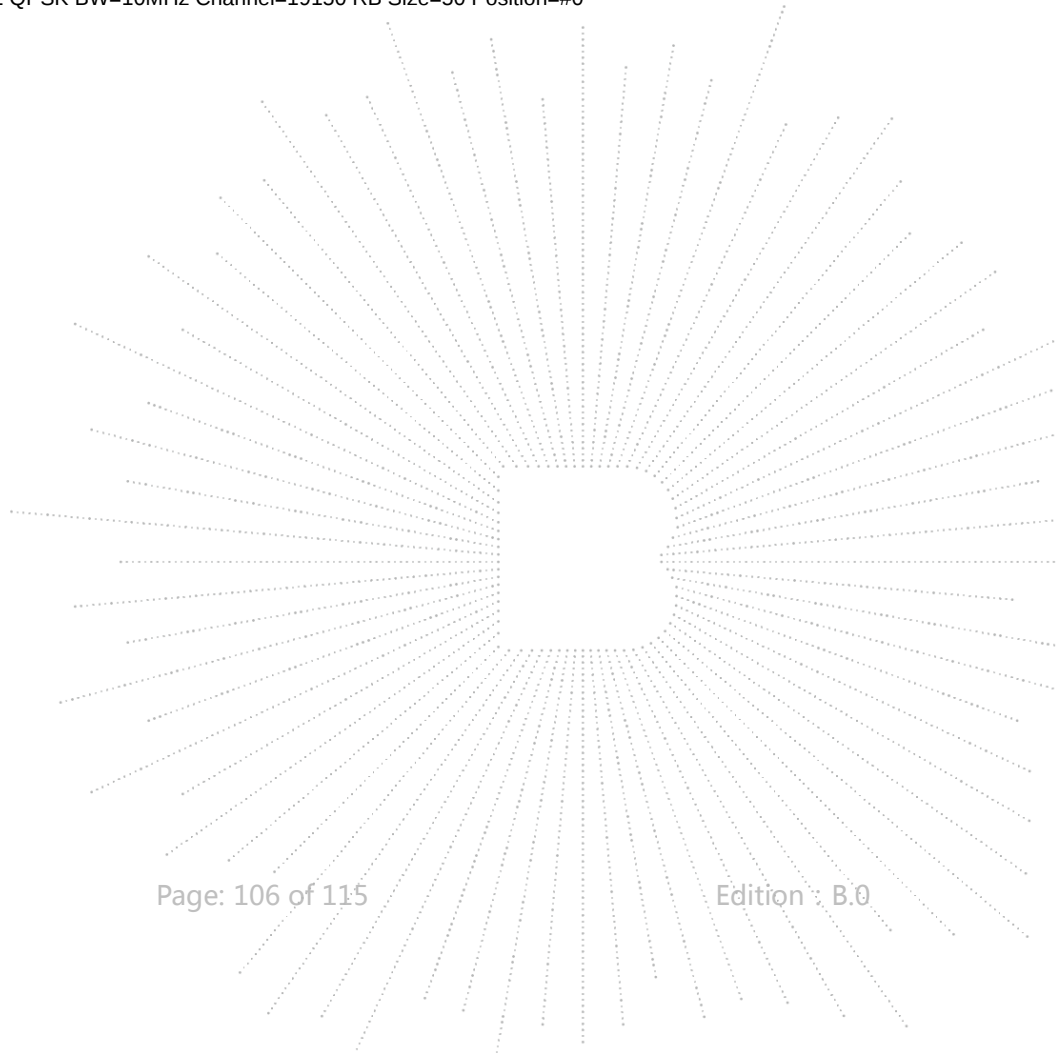


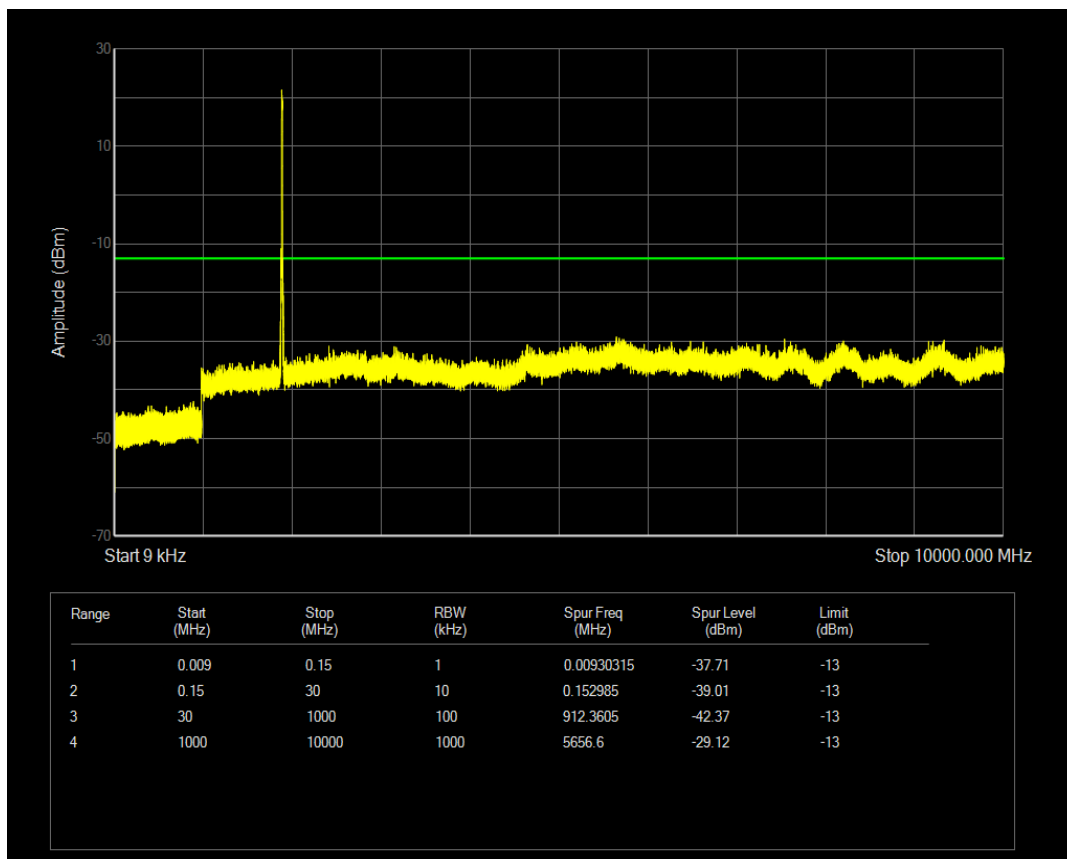


Band2 16QAM BW=10MHz Channel=18900 RB Size=50 Position=#0

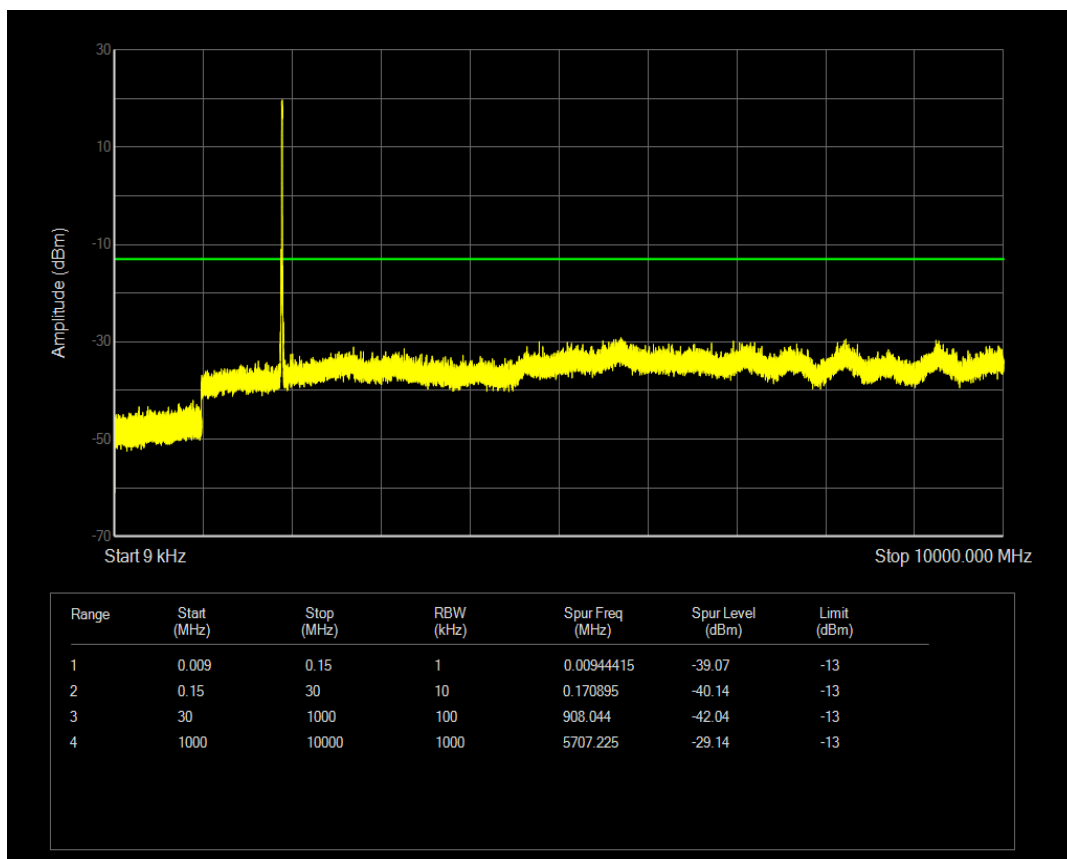


Band2 QPSK BW=10MHz Channel=19150 RB Size=50 Position=#0



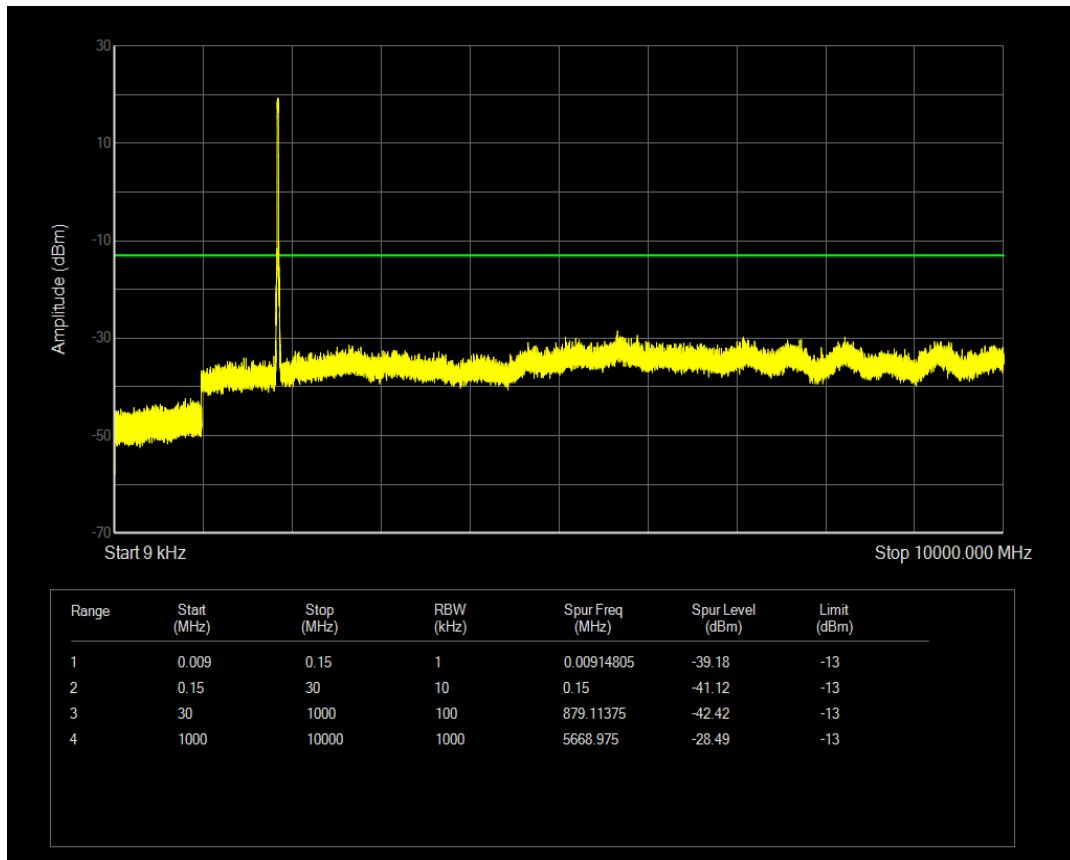


Band2 16QAM BW=10MHz Channel=19150 RB Size=50 Position=#0

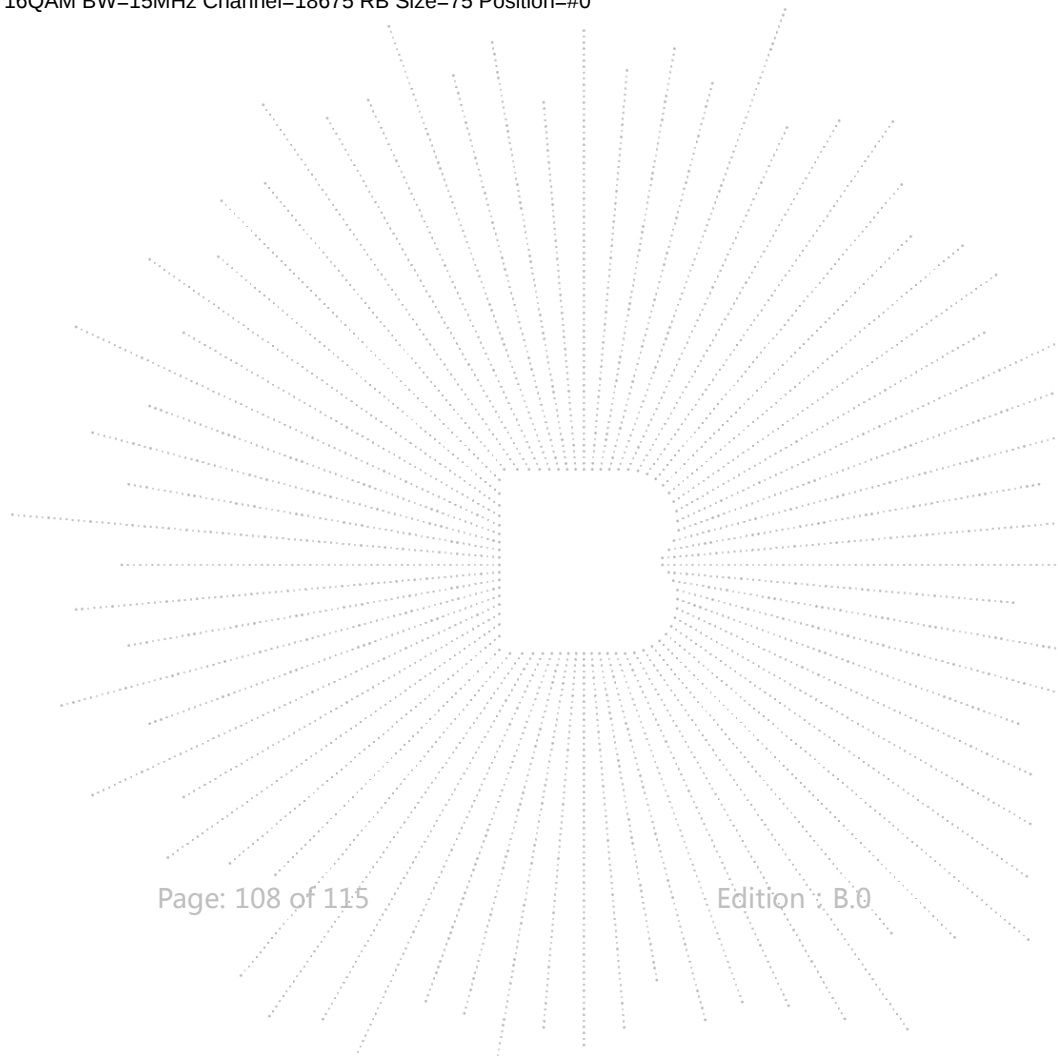


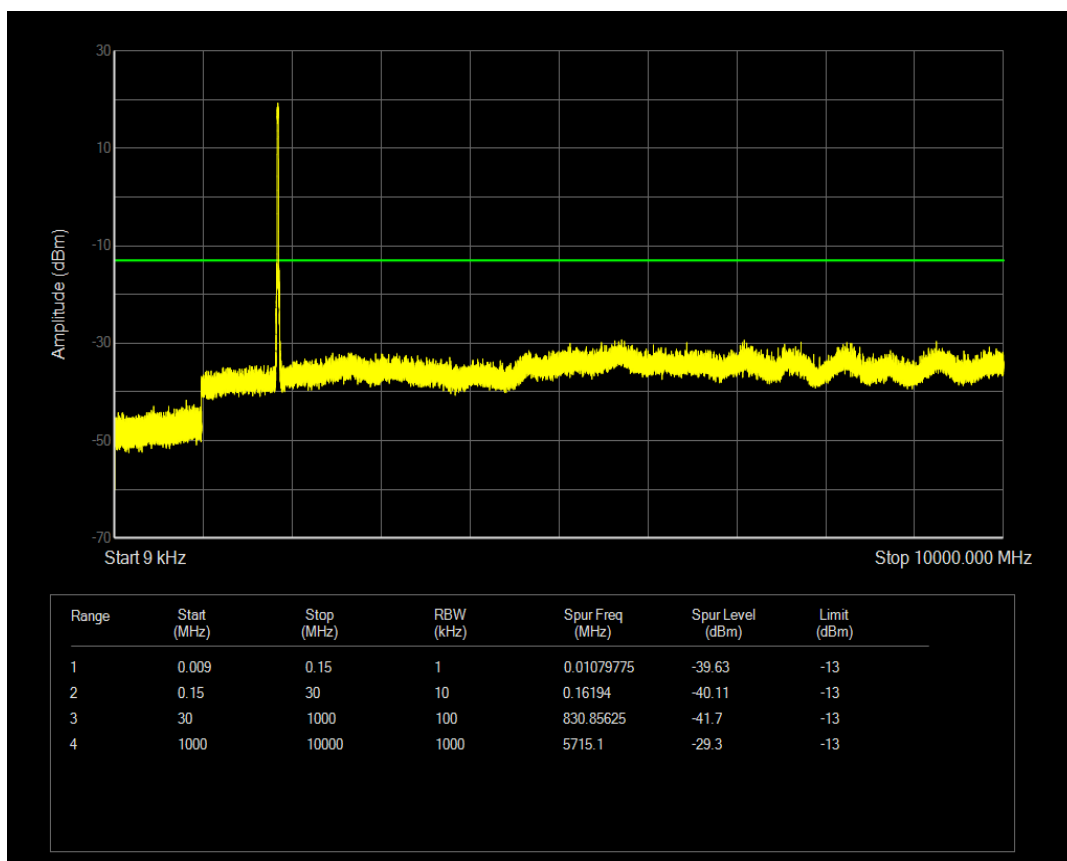


Band2 QPSK BW=15MHz Channel=18675 RB Size=75 Position=#0

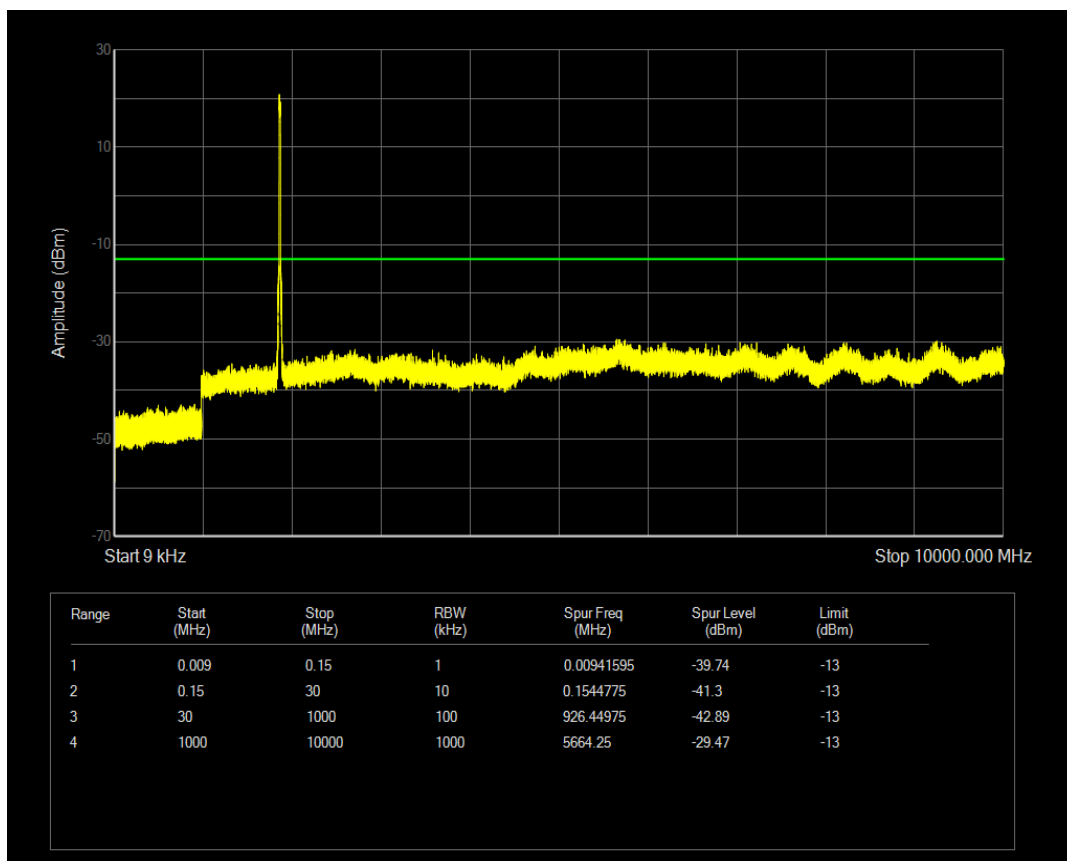


Band2 16QAM BW=15MHz Channel=18675 RB Size=75 Position=#0

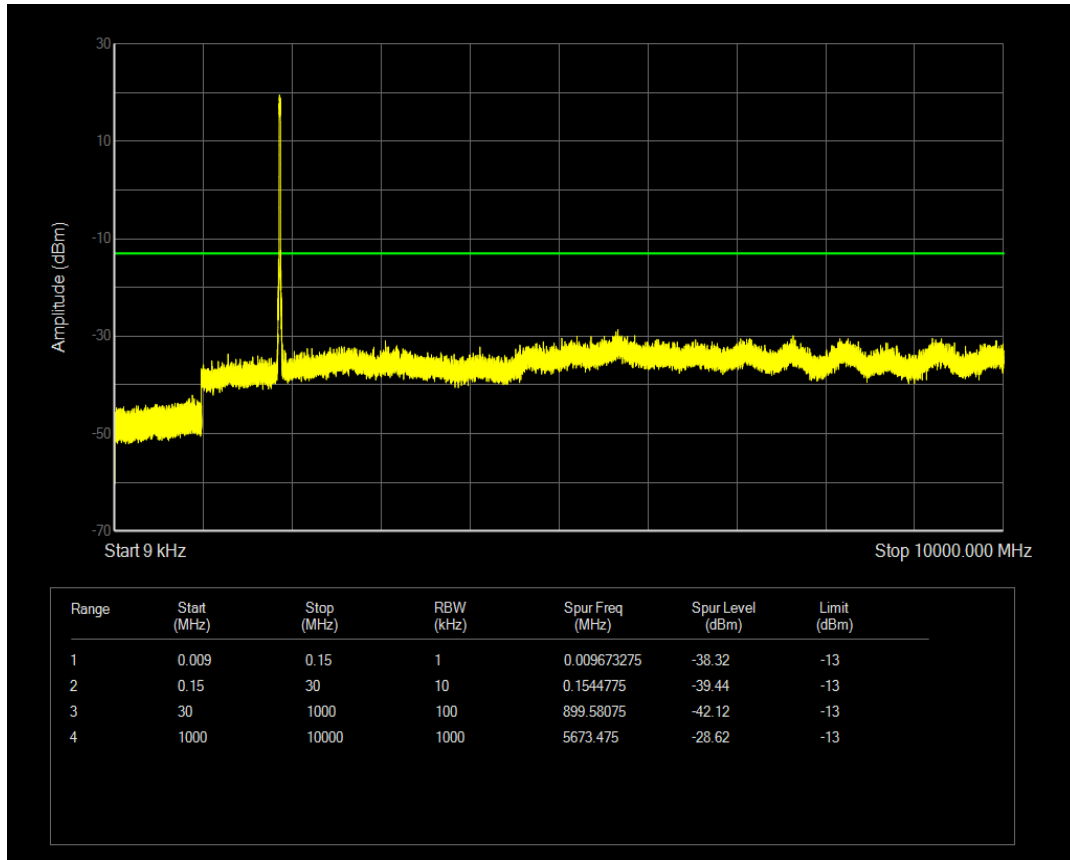




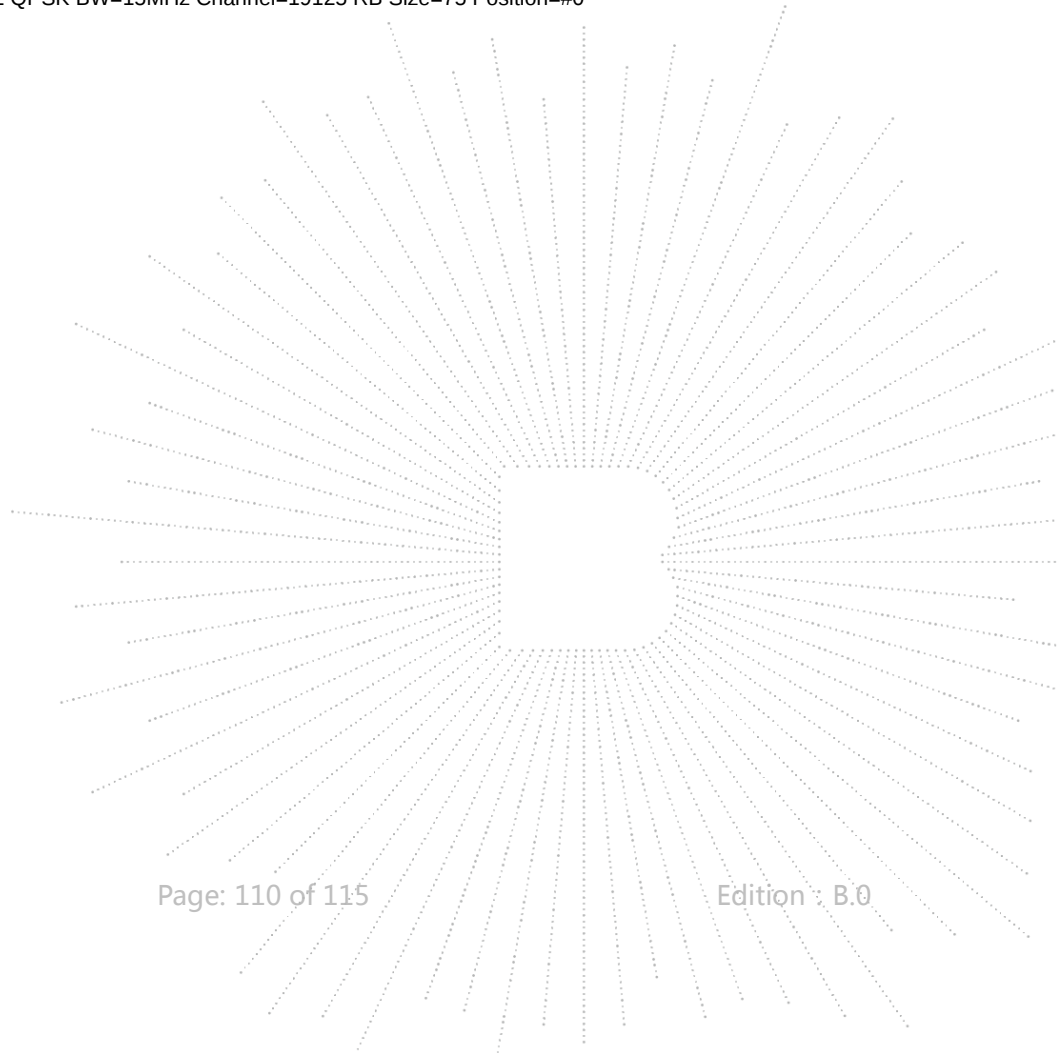
Band2 QPSK BW=15MHz Channel=18900 RB Size=75 Position=#0

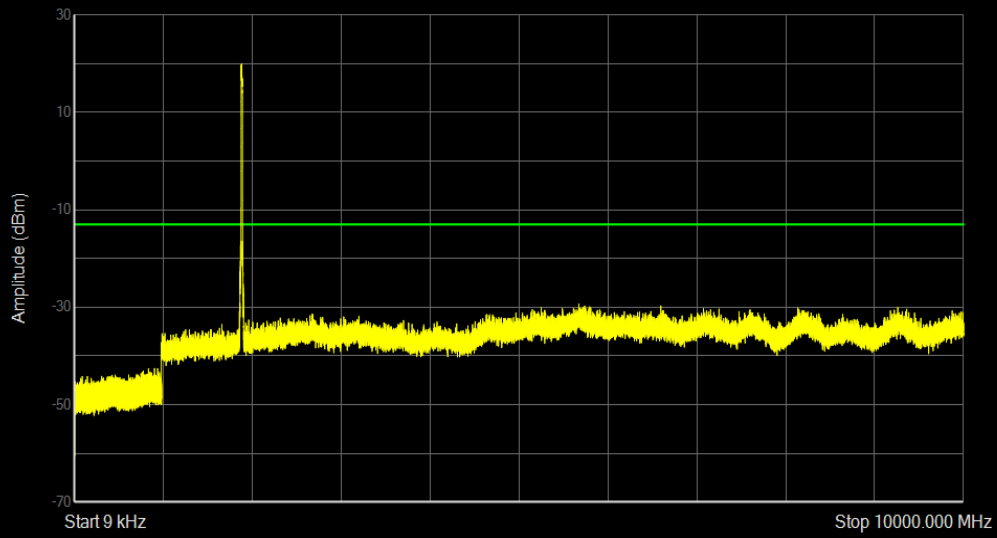


Band2 16QAM BW=15MHz Channel=18900 RB Size=75 Position=#0



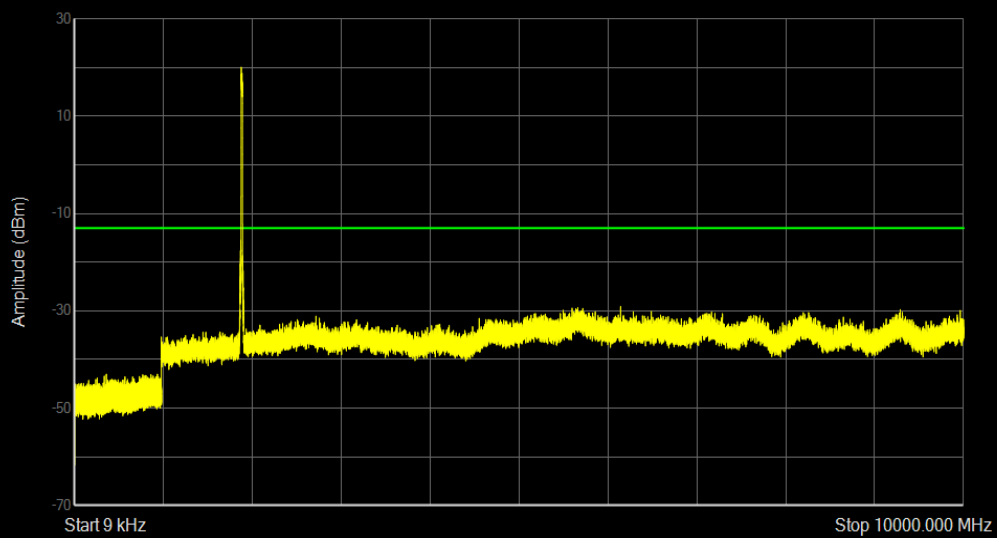
Band2 QPSK BW=15MHz Channel=19125 RB Size=75 Position=#0





Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.00919035	-38.91	-13
2	0.15	30	10	0.16194	-39.8	-13
3	30	1000	100	923.58825	-42.59	-13
4	1000	10000	1000	5684.5	-29.33	-13

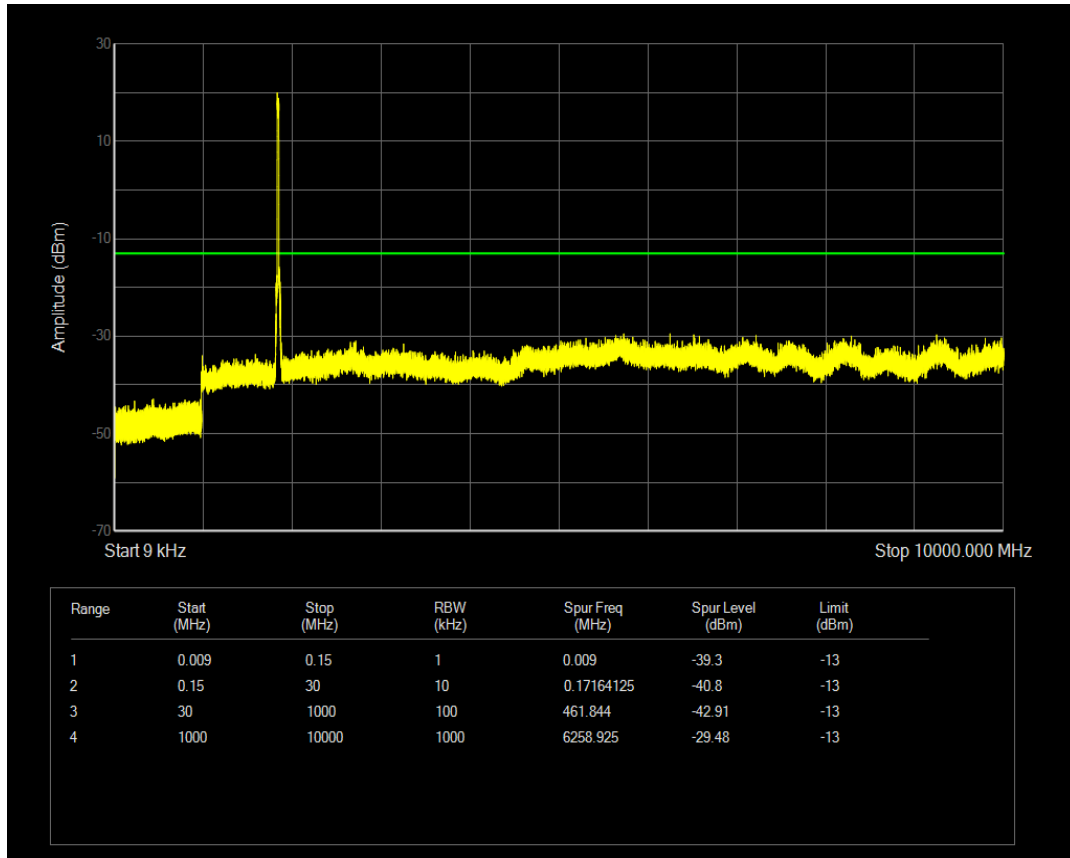
Band2 16QAM BW=15MHz Channel=19125 RB Size=75 Position=#0



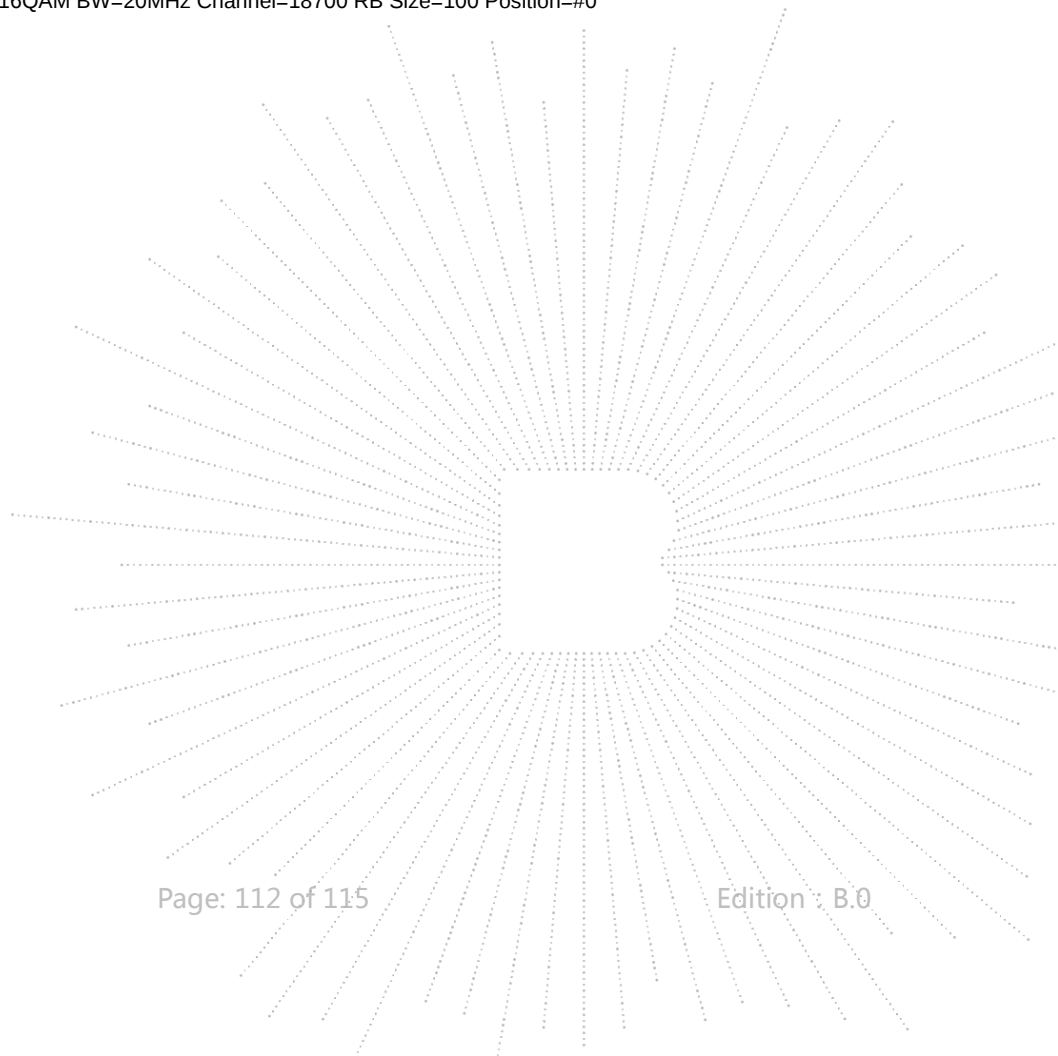
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.011160825	-38.61	-13
2	0.15	30	10	0.15597	-41	-13
3	30	1000	100	955.8165	-43.01	-13
4	1000	10000	1000	6152.95	-29.11	-13

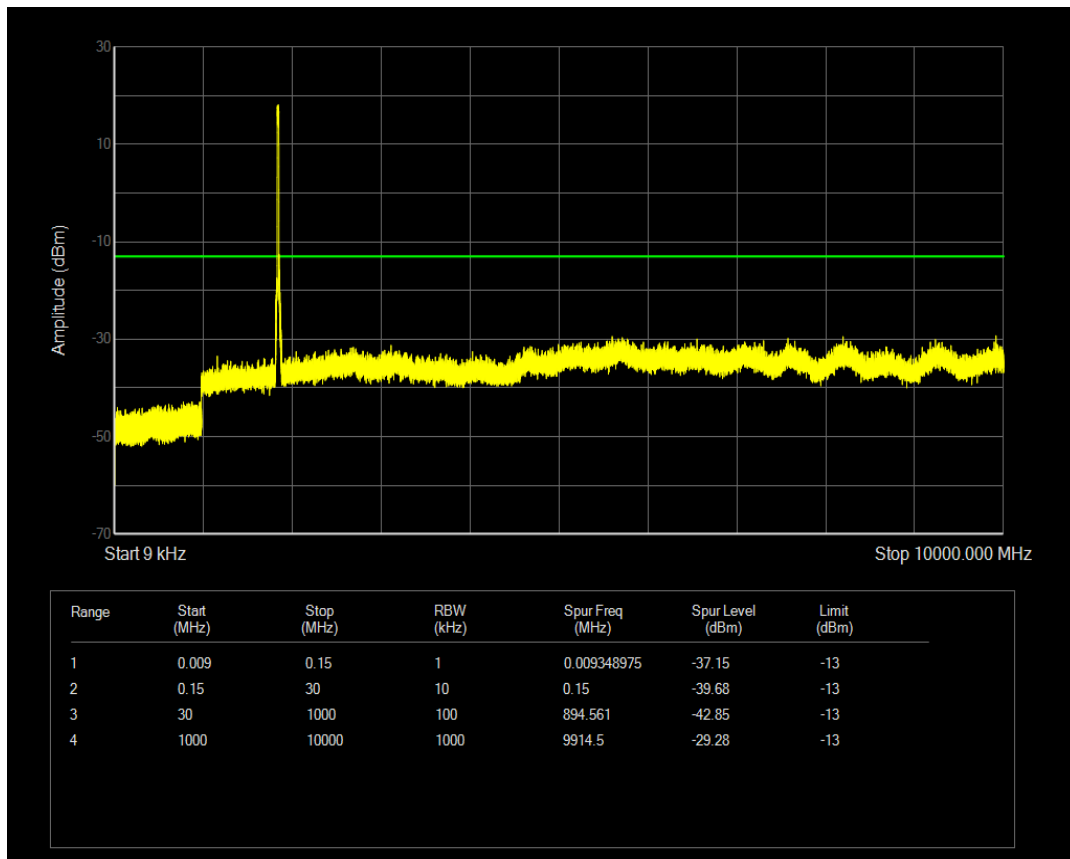


Band2 QPSK BW=20MHz Channel=18700 RB Size=100 Position=#0

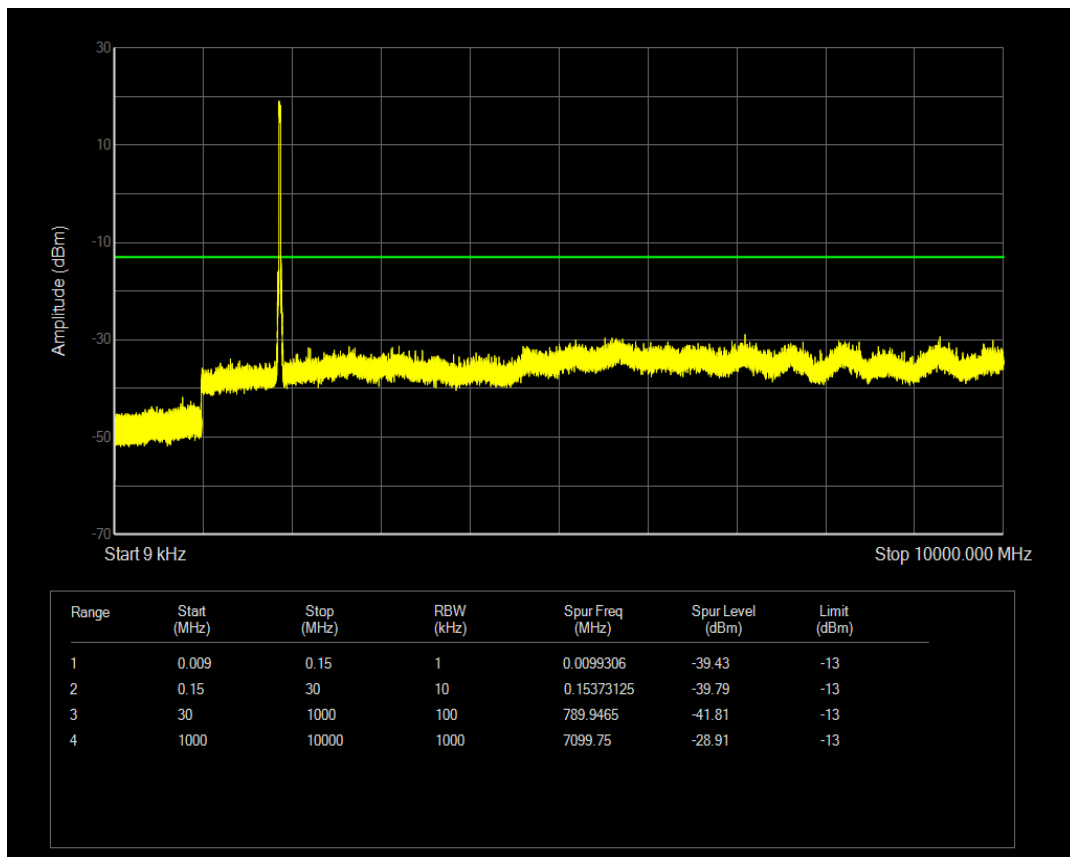


Band2 16QAM BW=20MHz Channel=18700 RB Size=100 Position=#0



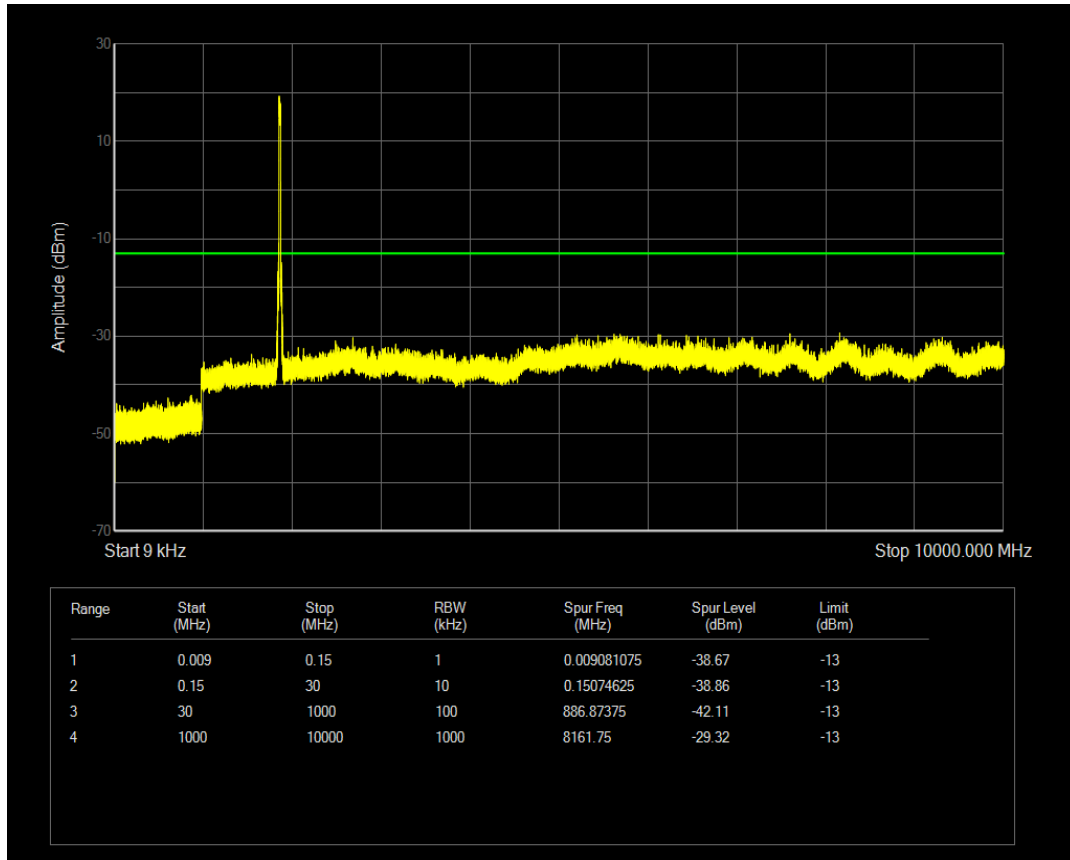


Band2 QPSK BW=20MHz Channel=18900 RB Size=100 Position=#0

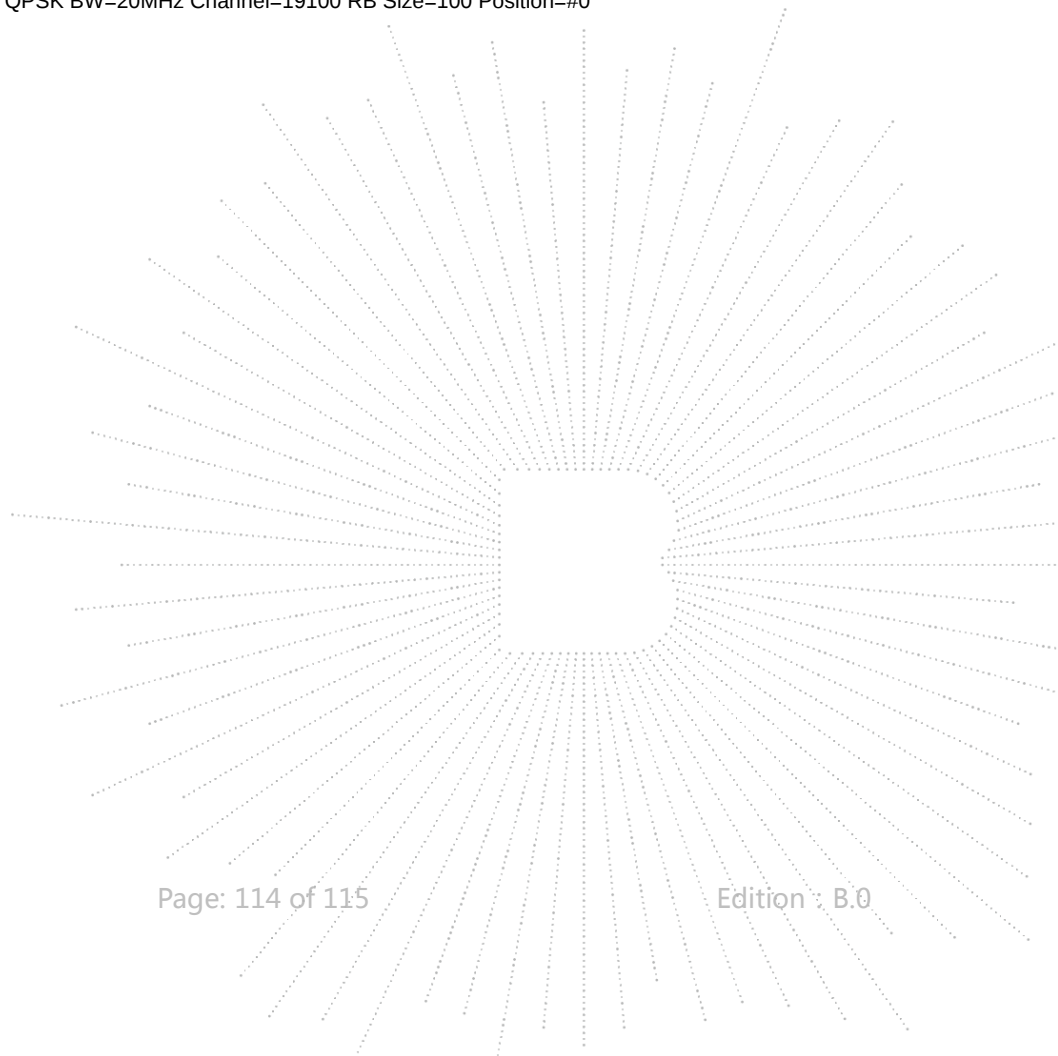


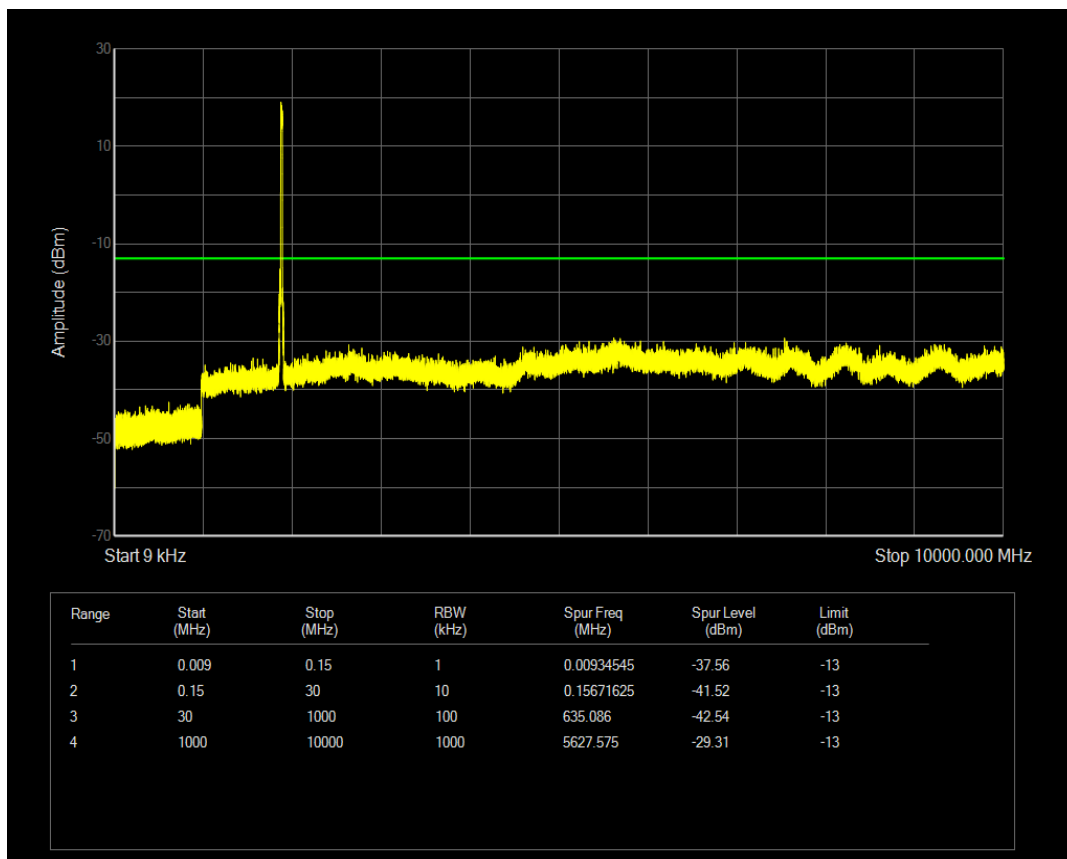


Band2 16QAM BW=20MHz Channel=18900 RB Size=100 Position=#0



Band2 QPSK BW=20MHz Channel=19100 RB Size=100 Position=#0





Band2 16QAM BW=20MHz Channel=19100 RB Size=100 Position=#0

