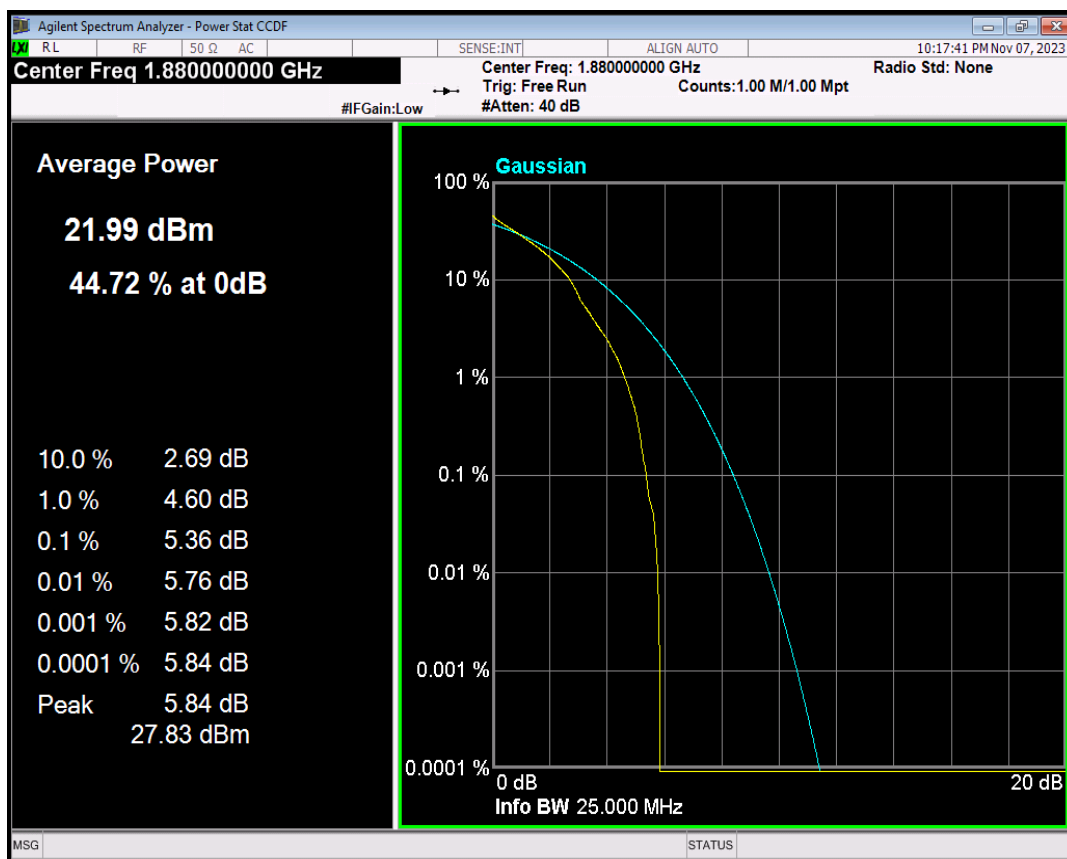
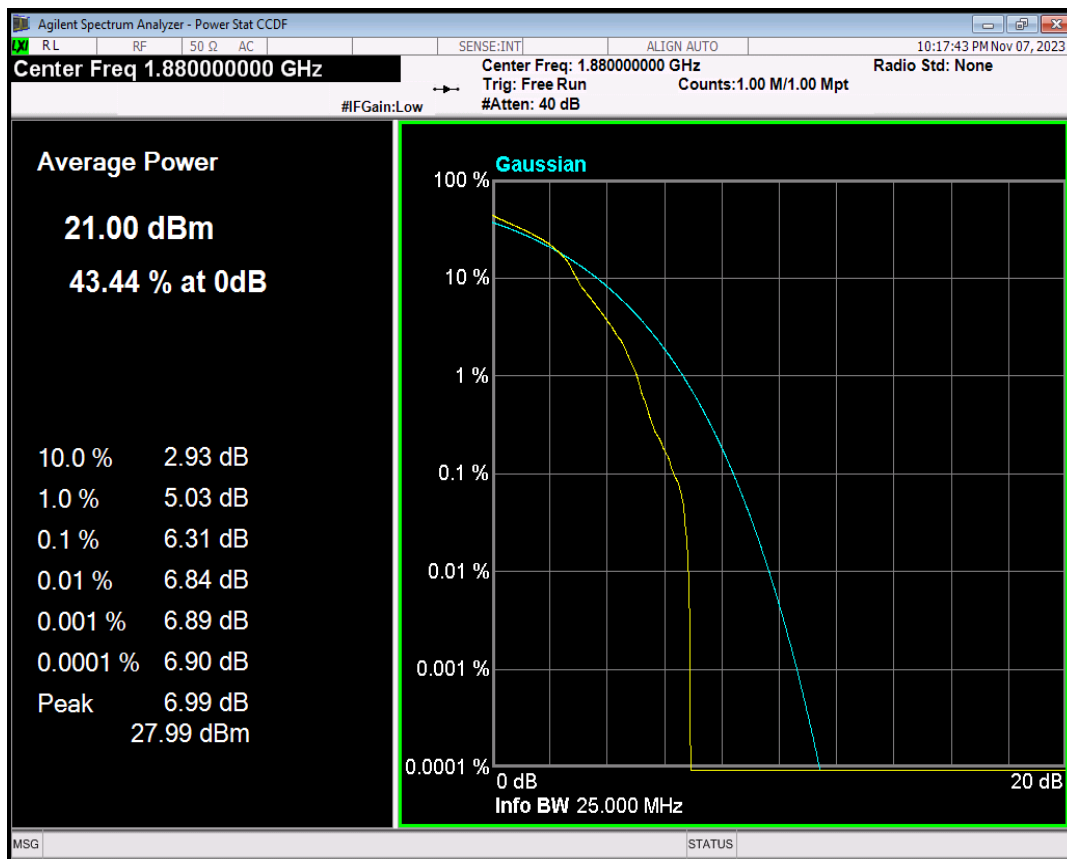




Band2 QPSK BW=20MHz Channel=18900 RB Size=1 Position=#0

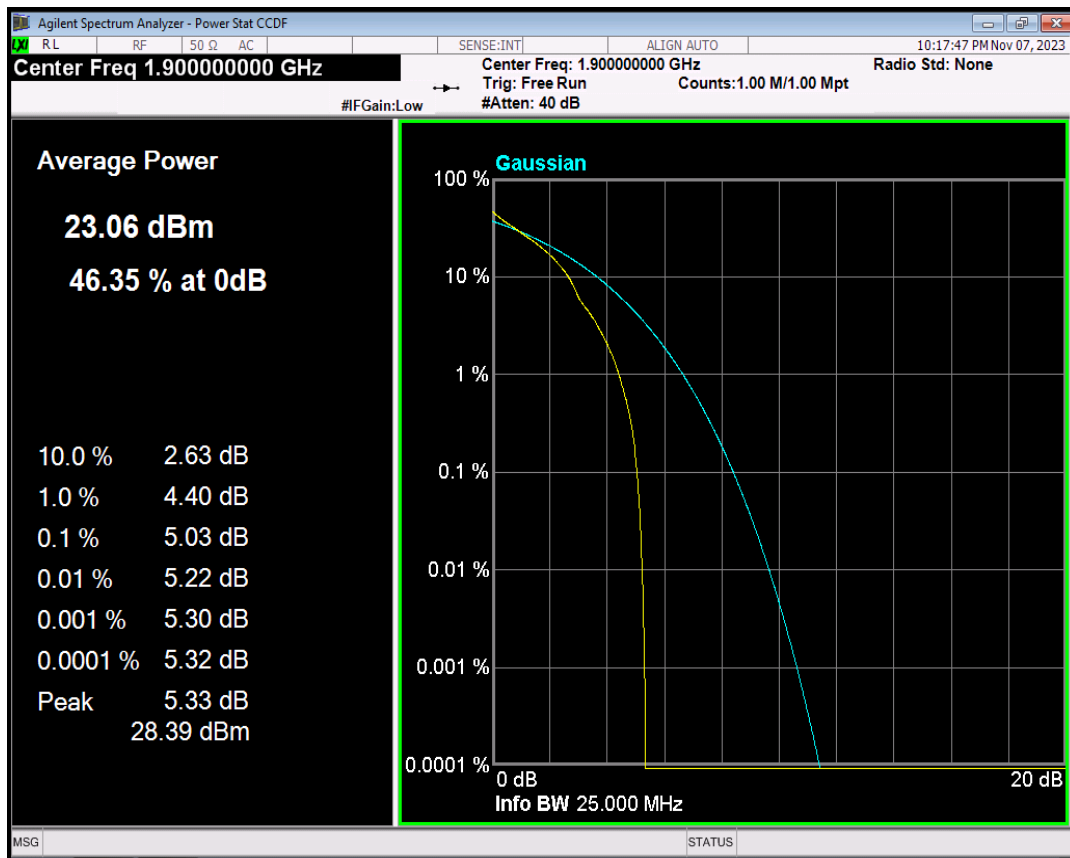


Band2 16QAM BW=20MHz Channel=18900 RB Size=1 Position=#0

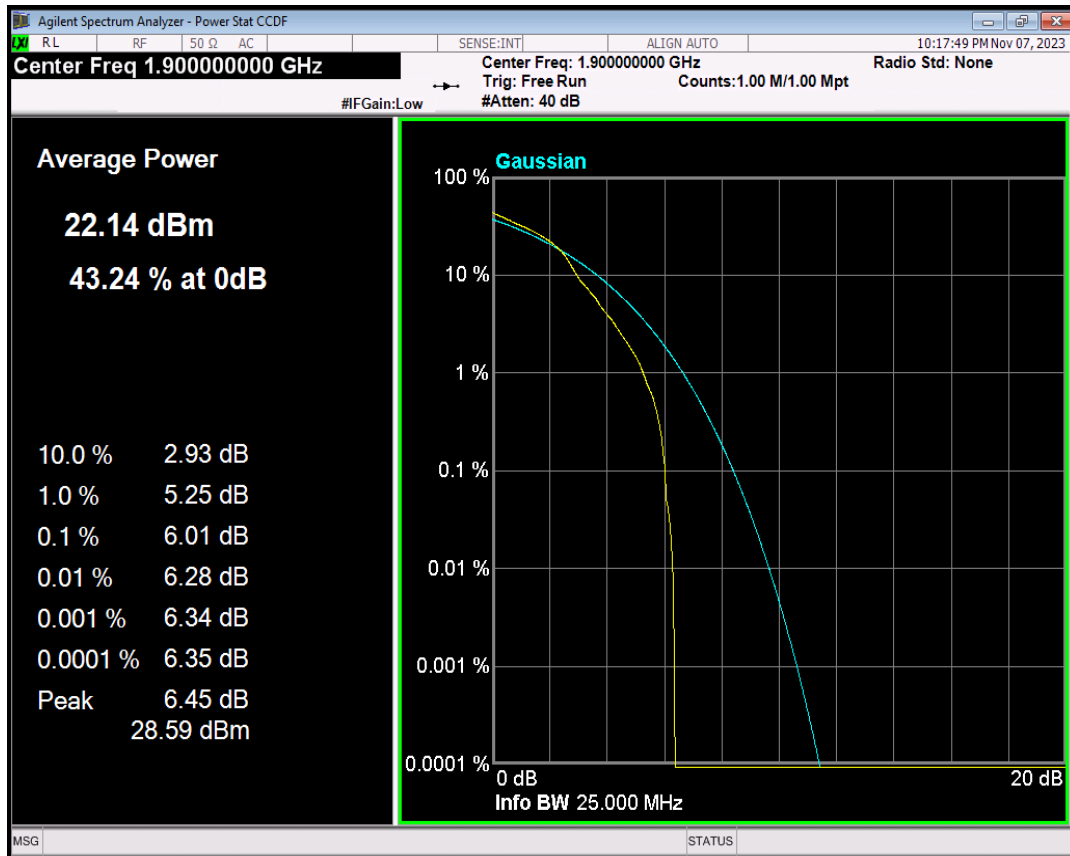




Band2 QPSK BW=20MHz Channel=19100 RB Size=1 Position=#0



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

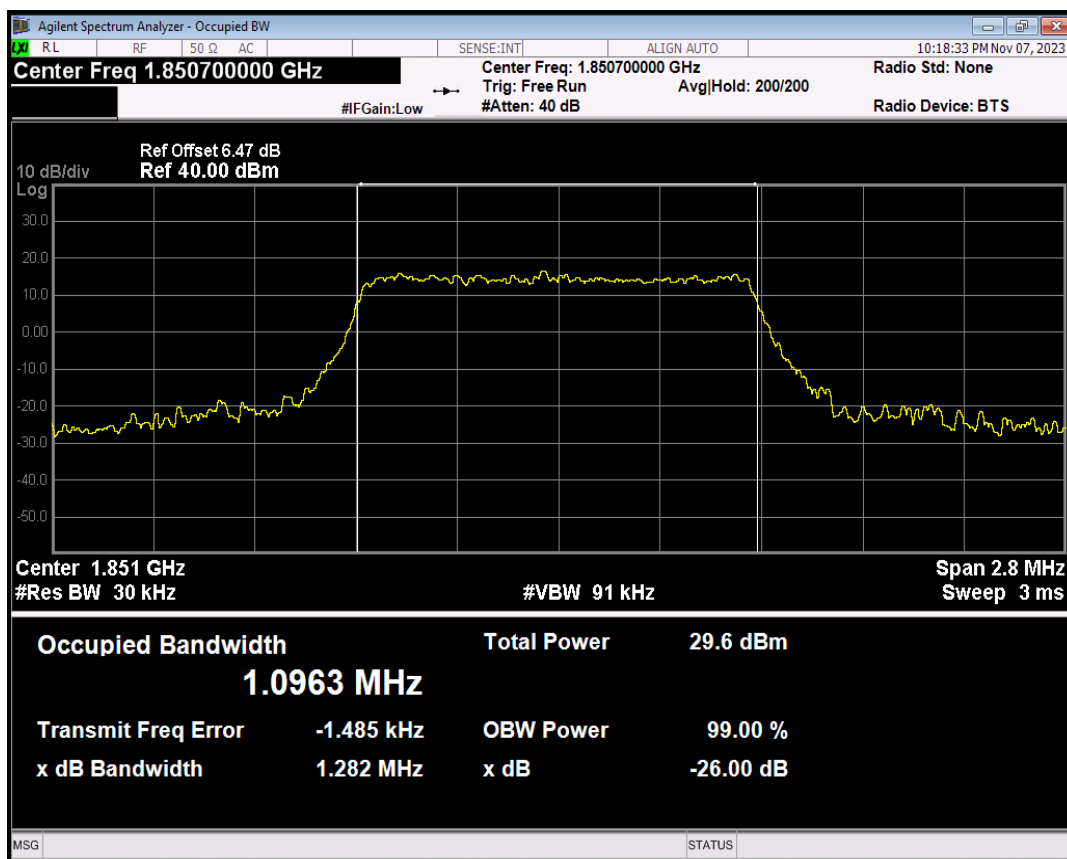


Appendix 4. Occupied bandwidth

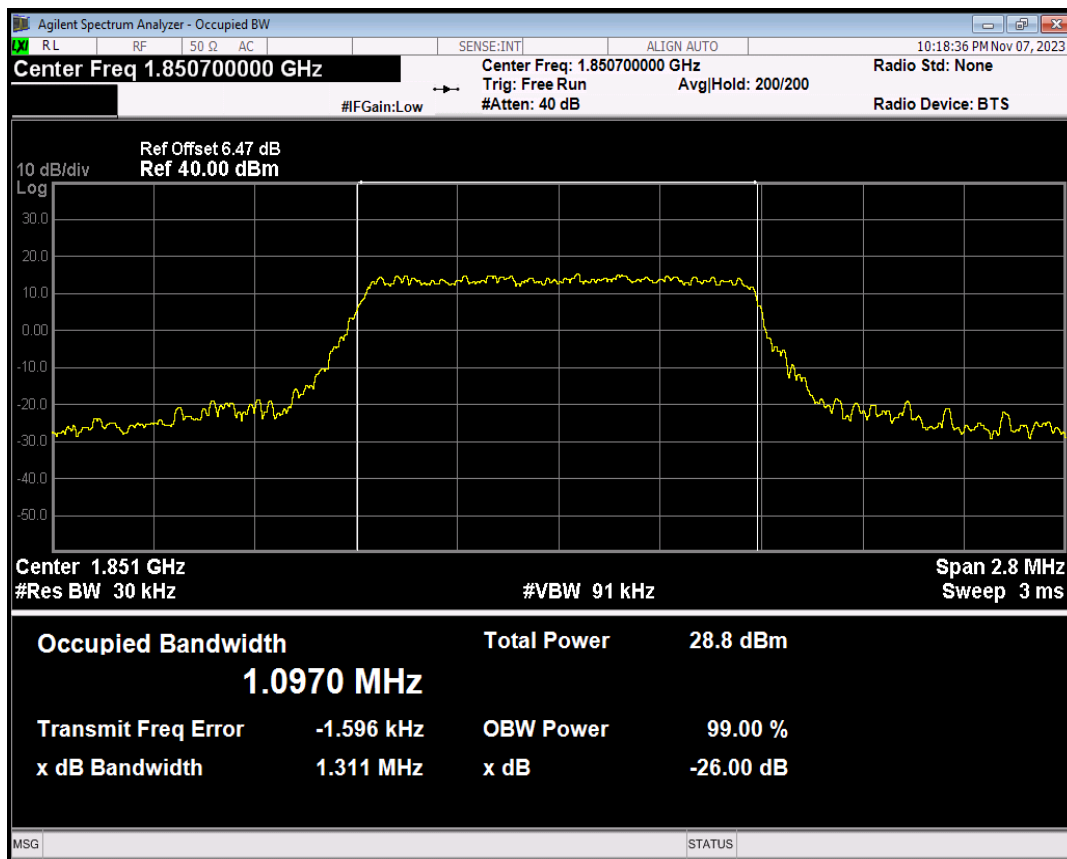
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
Band2	1.4	18607	6	#0	QPSK	1.096	1.282	PASS
Band2	1.4	18607	6	#0	16QAM	1.097	1.311	PASS
Band2	1.4	18900	6	#0	QPSK	1.088	1.297	PASS
Band2	1.4	18900	6	#0	16QAM	1.092	1.279	PASS
Band2	1.4	19193	6	#0	QPSK	1.100	1.280	PASS
Band2	1.4	19193	6	#0	16QAM	1.098	1.282	PASS
Band2	3	18615	15	#0	QPSK	2.692	2.940	PASS
Band2	3	18615	15	#0	16QAM	2.696	2.947	PASS
Band2	3	18900	15	#0	QPSK	2.696	2.932	PASS
Band2	3	18900	15	#0	16QAM	2.701	2.946	PASS
Band2	3	19185	15	#0	QPSK	2.703	2.939	PASS
Band2	3	19185	15	#0	16QAM	2.688	2.943	PASS
Band2	5	18625	25	#0	QPSK	4.517	4.917	PASS
Band2	5	18625	25	#0	16QAM	4.498	4.973	PASS
Band2	5	18900	25	#0	QPSK	4.512	4.954	PASS
Band2	5	18900	25	#0	16QAM	4.504	4.980	PASS
Band2	5	19175	25	#0	QPSK	4.514	4.922	PASS
Band2	5	19175	25	#0	16QAM	4.510	4.926	PASS
Band2	10	18650	50	#0	QPSK	8.965	9.647	PASS
Band2	10	18650	50	#0	16QAM	8.981	9.747	PASS
Band2	10	18900	50	#0	QPSK	8.998	9.701	PASS
Band2	10	18900	50	#0	16QAM	8.973	9.766	PASS
Band2	10	19150	50	#0	QPSK	9.015	9.812	PASS
Band2	10	19150	50	#0	16QAM	9.010	9.771	PASS
Band2	15	18675	75	#0	QPSK	13.469	14.569	PASS
Band2	15	18675	75	#0	16QAM	13.522	14.503	PASS
Band2	15	18900	75	#0	QPSK	13.463	14.413	PASS
Band2	15	18900	75	#0	16QAM	13.467	14.628	PASS
Band2	15	19125	75	#0	QPSK	13.526	14.559	PASS
Band2	15	19125	75	#0	16QAM	13.516	14.470	PASS
Band2	20	18700	100	#0	QPSK	17.933	19.136	PASS
Band2	20	18700	100	#0	16QAM	17.931	19.311	PASS
Band2	20	18900	100	#0	QPSK	17.927	19.365	PASS
Band2	20	18900	100	#0	16QAM	17.954	19.352	PASS
Band2	20	19100	100	#0	QPSK	17.943	19.389	PASS
Band2	20	19100	100	#0	16QAM	17.936	19.312	PASS



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

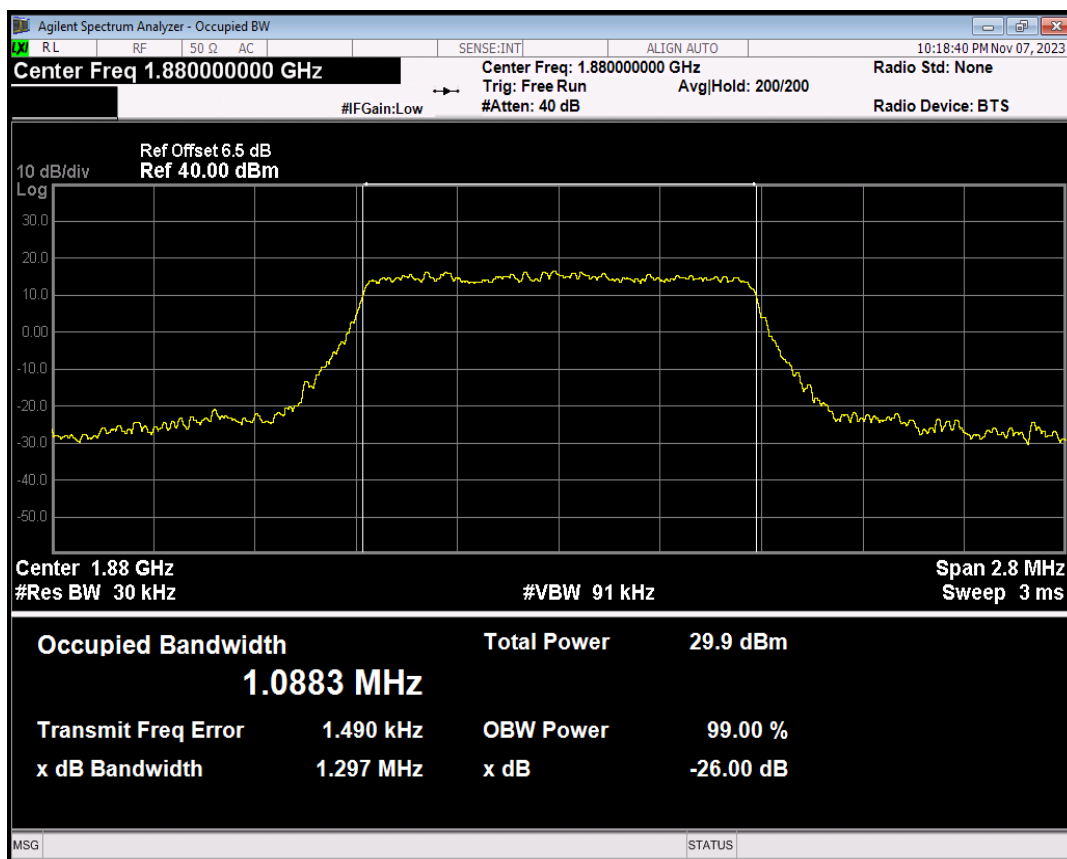


Band2 16QAM BW=1.4MHz Channel=18607 RB Size=6 Position=#0

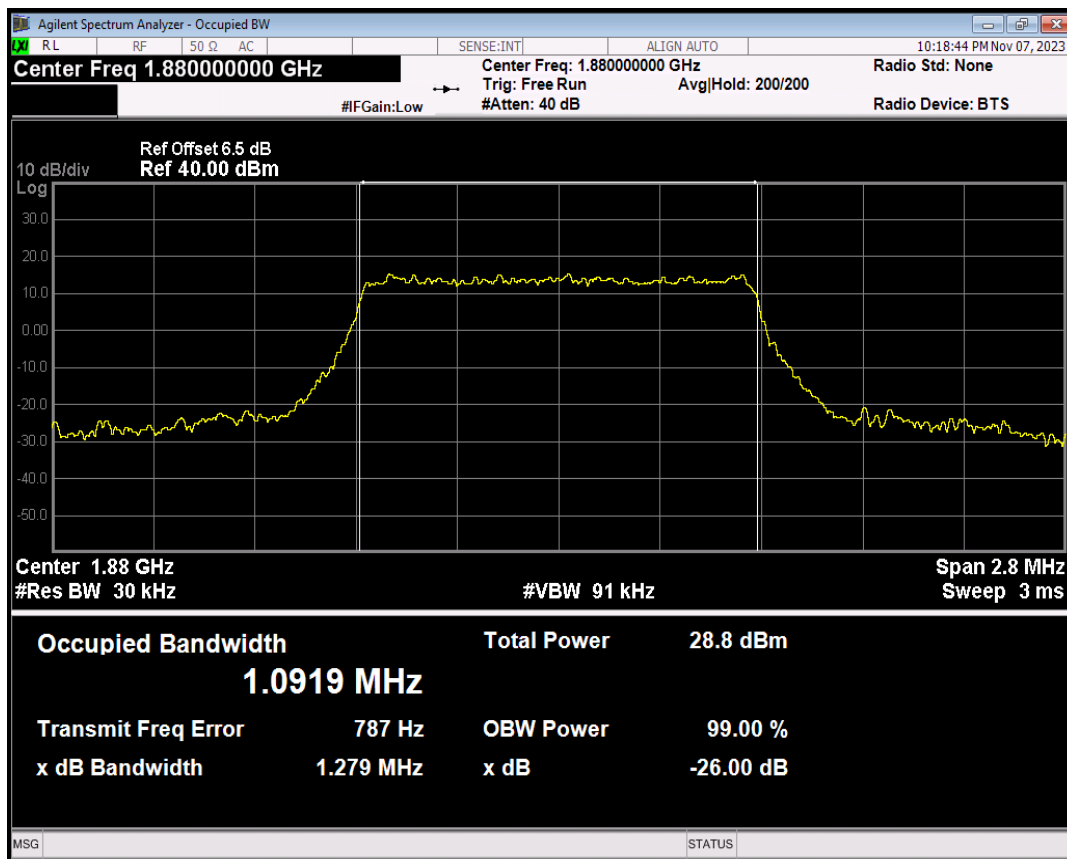




Band2 QPSK BW=1.4MHz Channel=18900 RB Size=6 Position=#0

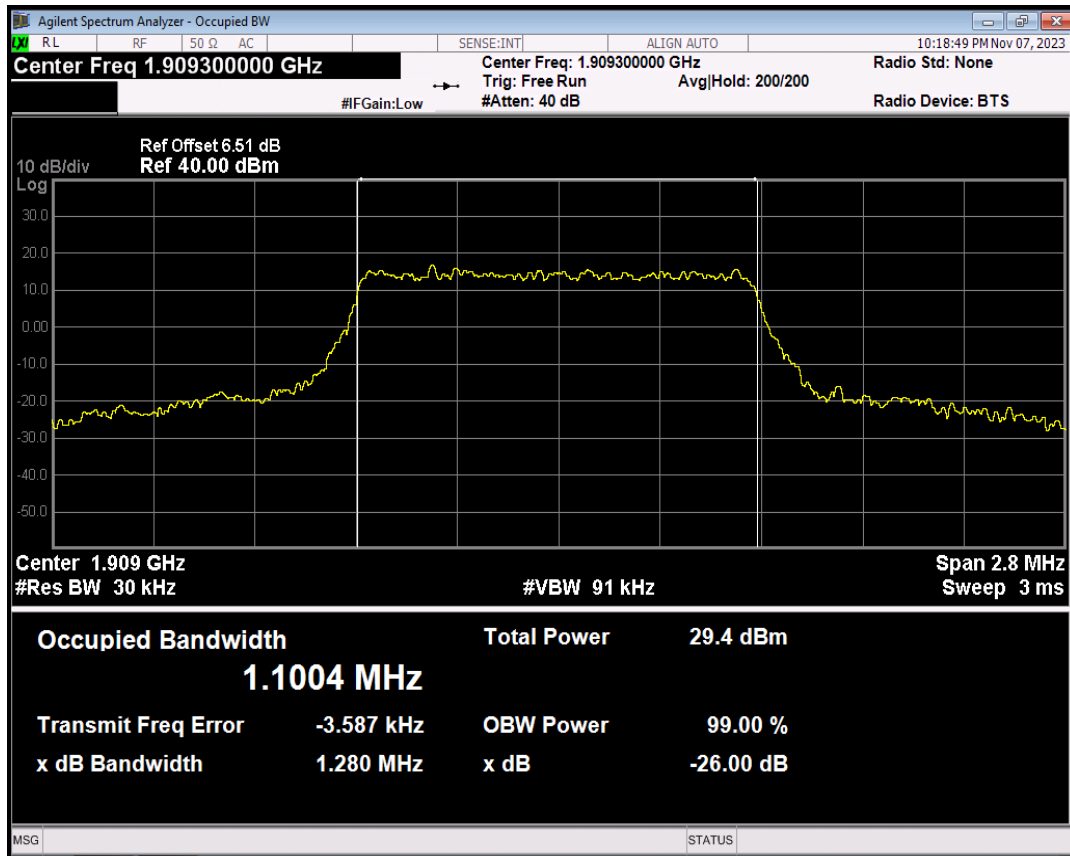


Band2 16QAM BW=1.4MHz Channel=18900 RB Size=6 Position=#0

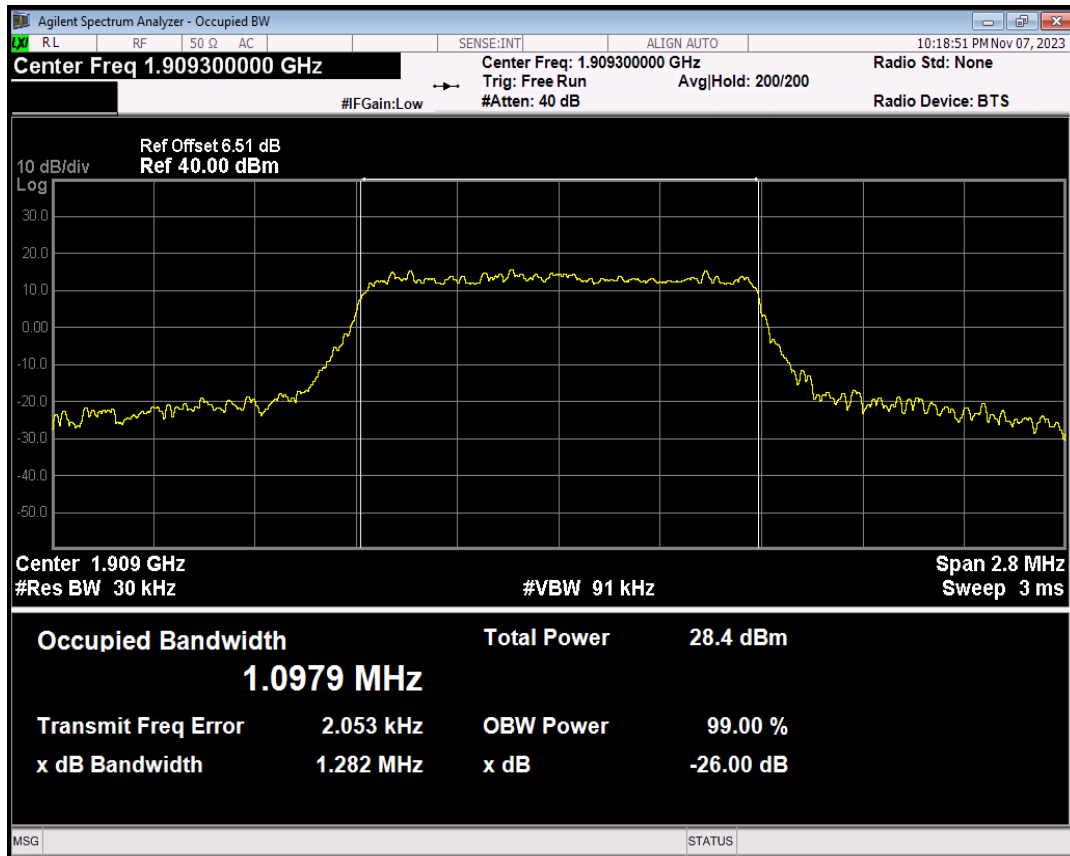




Band2 QPSK BW=1.4MHz Channel=19193 RB Size=6 Position=#0

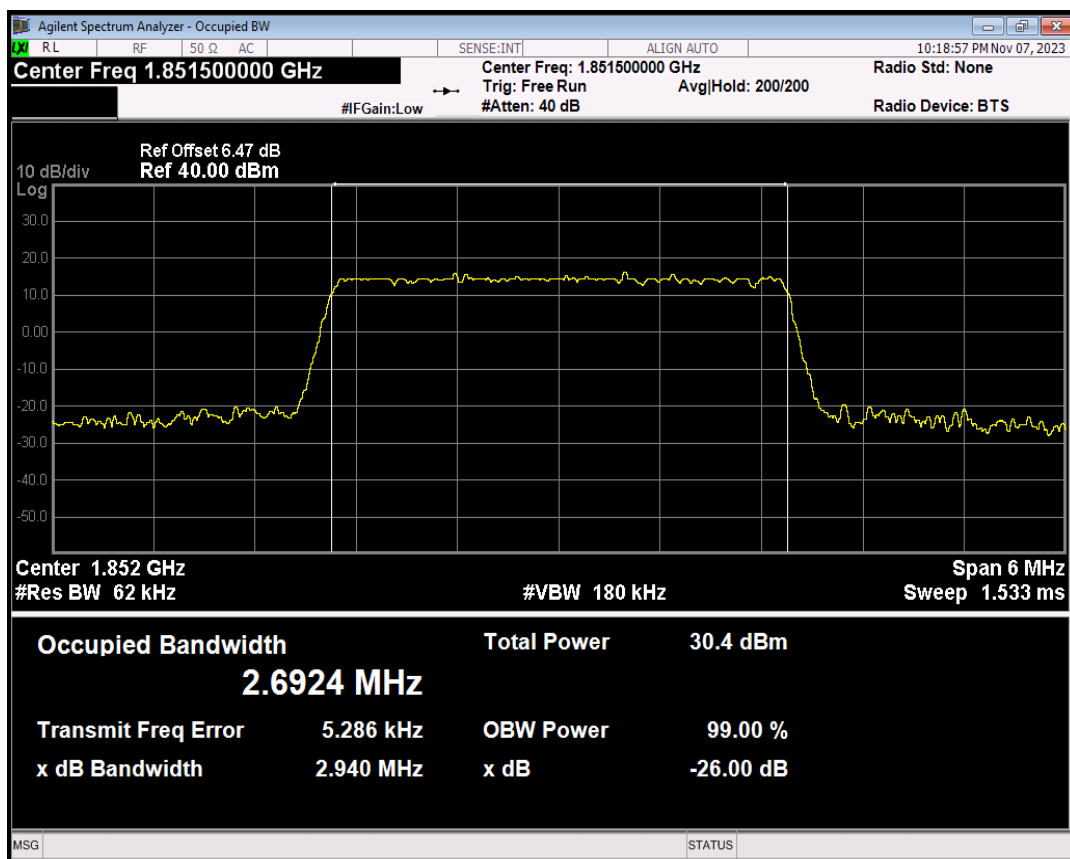


Band2 16QAM BW=1.4MHz Channel=19193 RB Size=6 Position=#0

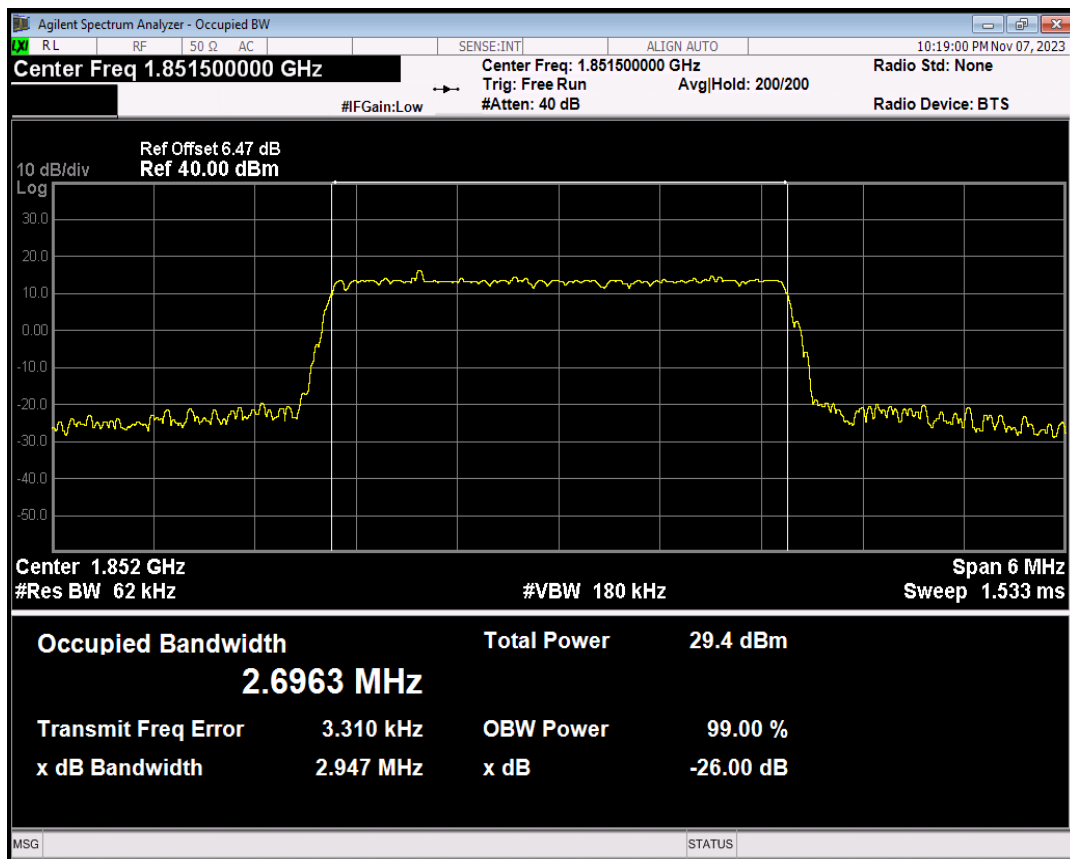




Band2 QPSK BW=3MHz Channel=18615 RB Size=15 Position=#0

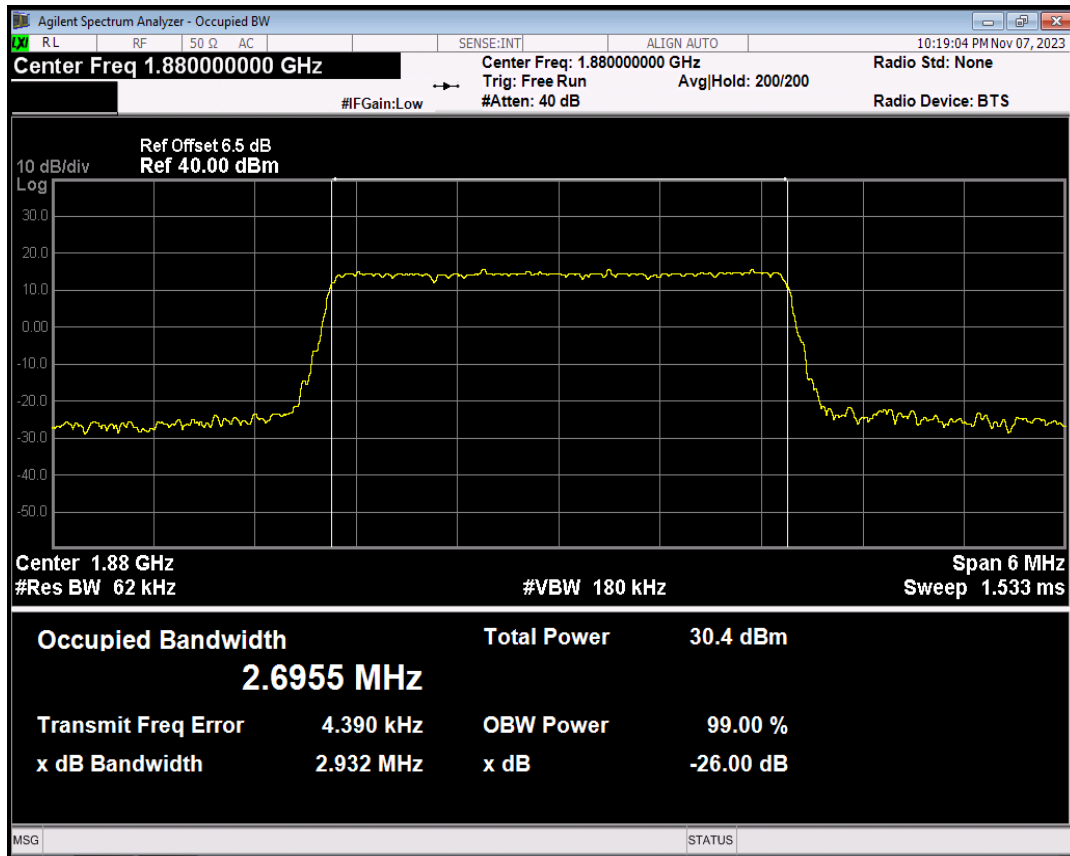


Band2 16QAM BW=3MHz Channel=18615 RB Size=15 Position=#0

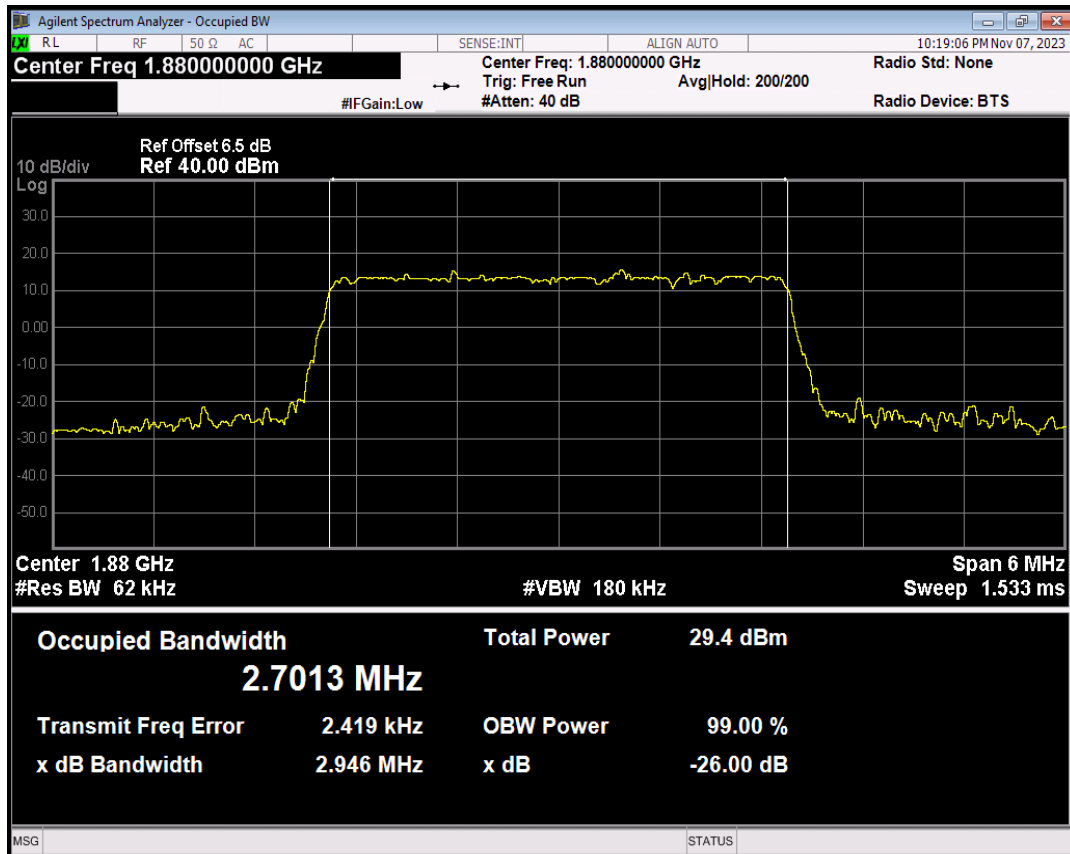




Band2 QPSK BW=3MHz Channel=18900 RB Size=15 Position=#0

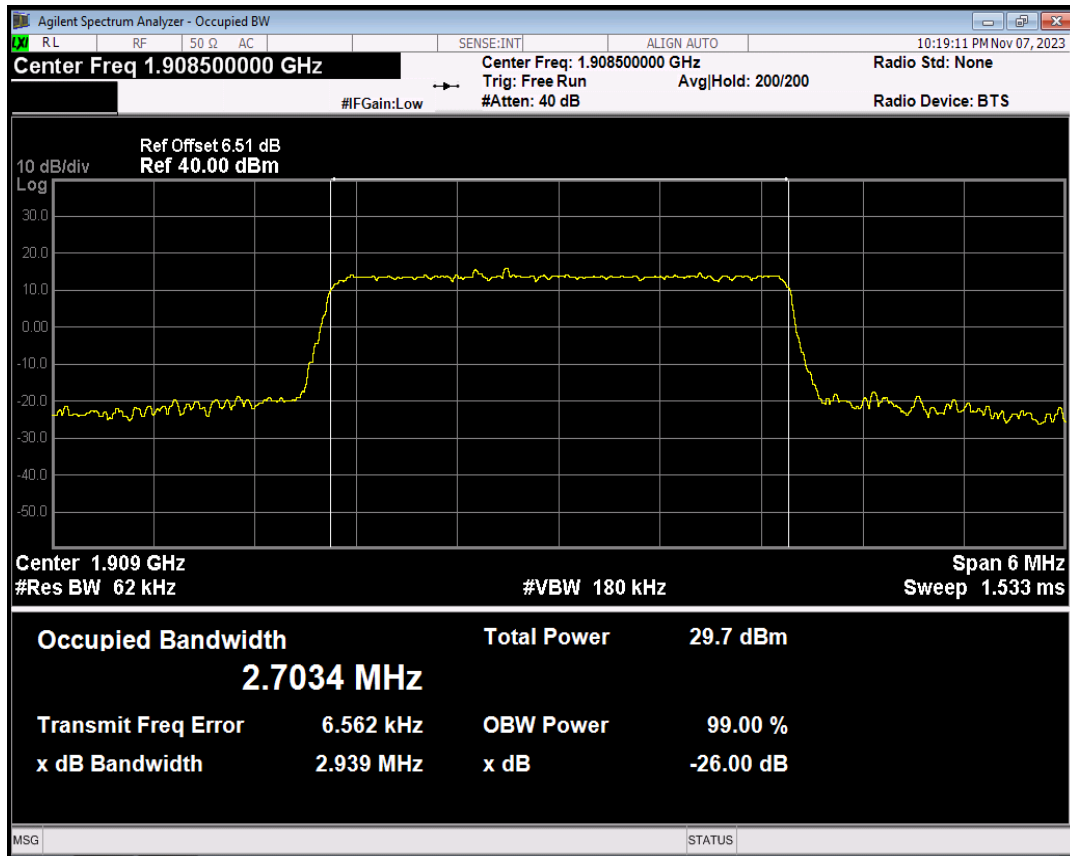


Band2 16QAM BW=3MHz Channel=18900 RB Size=15 Position=#0

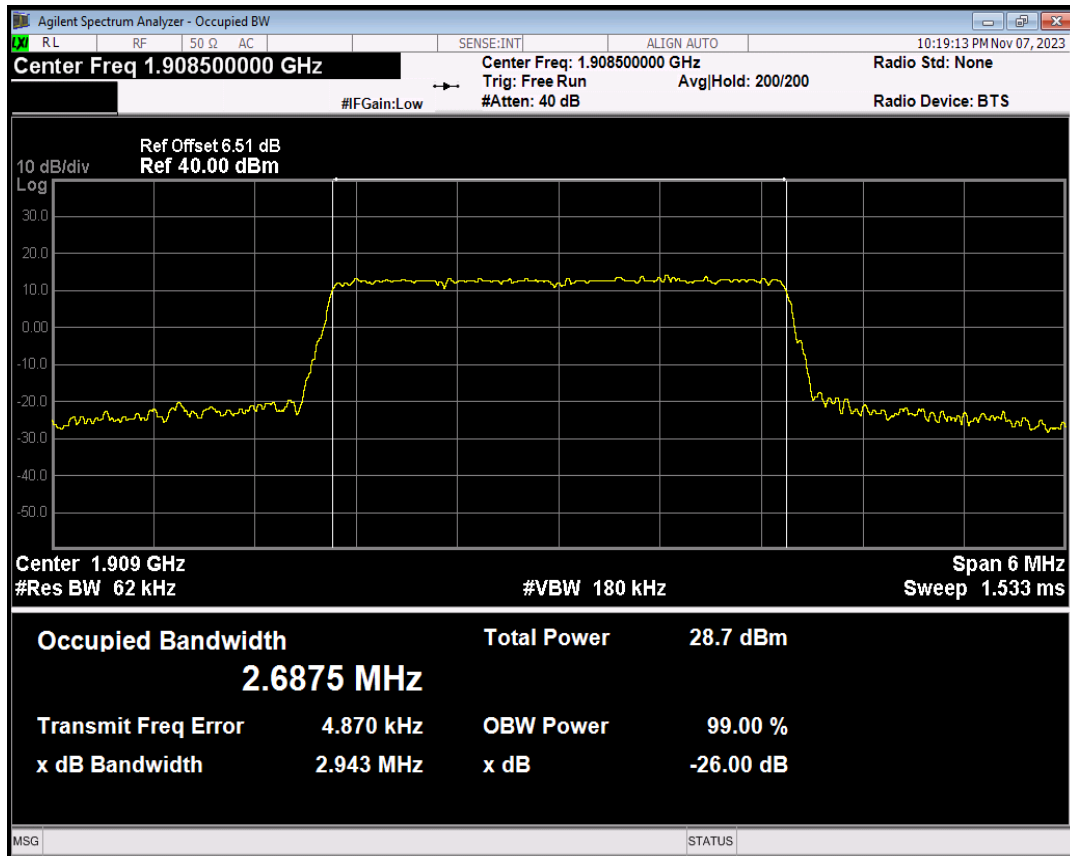




Band2 QPSK BW=3MHz Channel=19185 RB Size=15 Position=#0

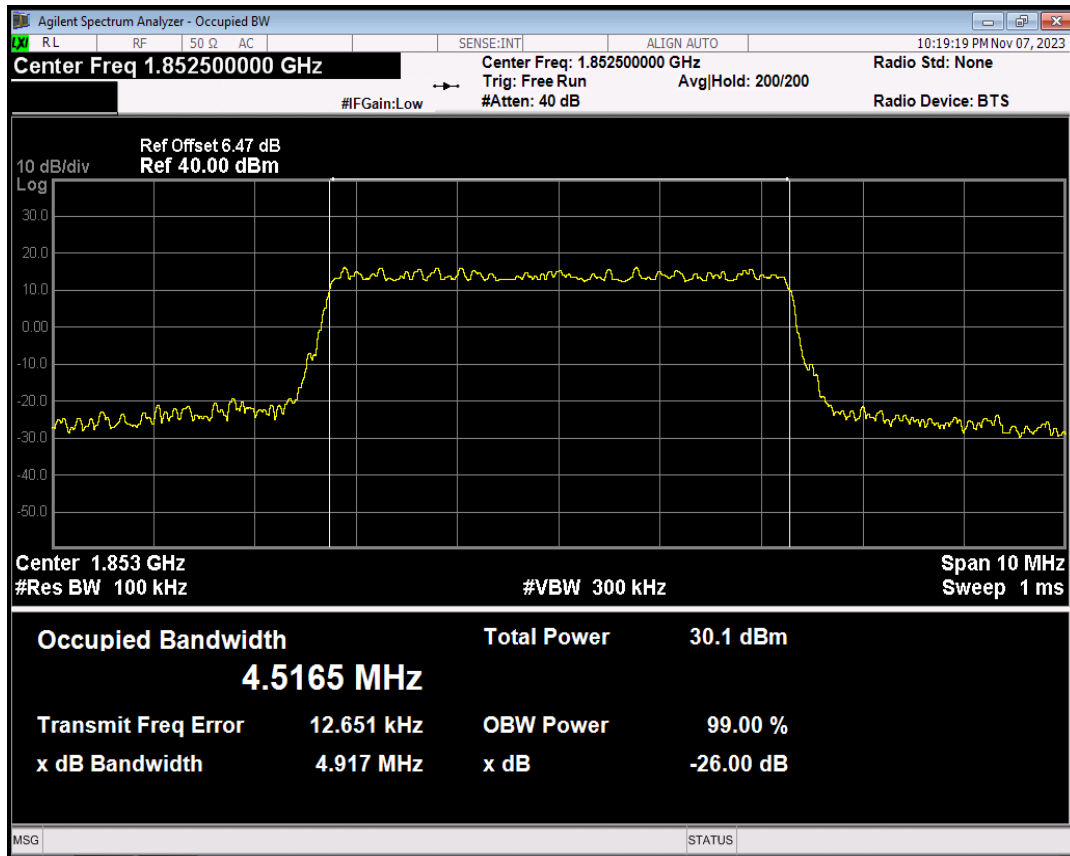


Band2 16QAM BW=3MHz Channel=19185 RB Size=15 Position=#0

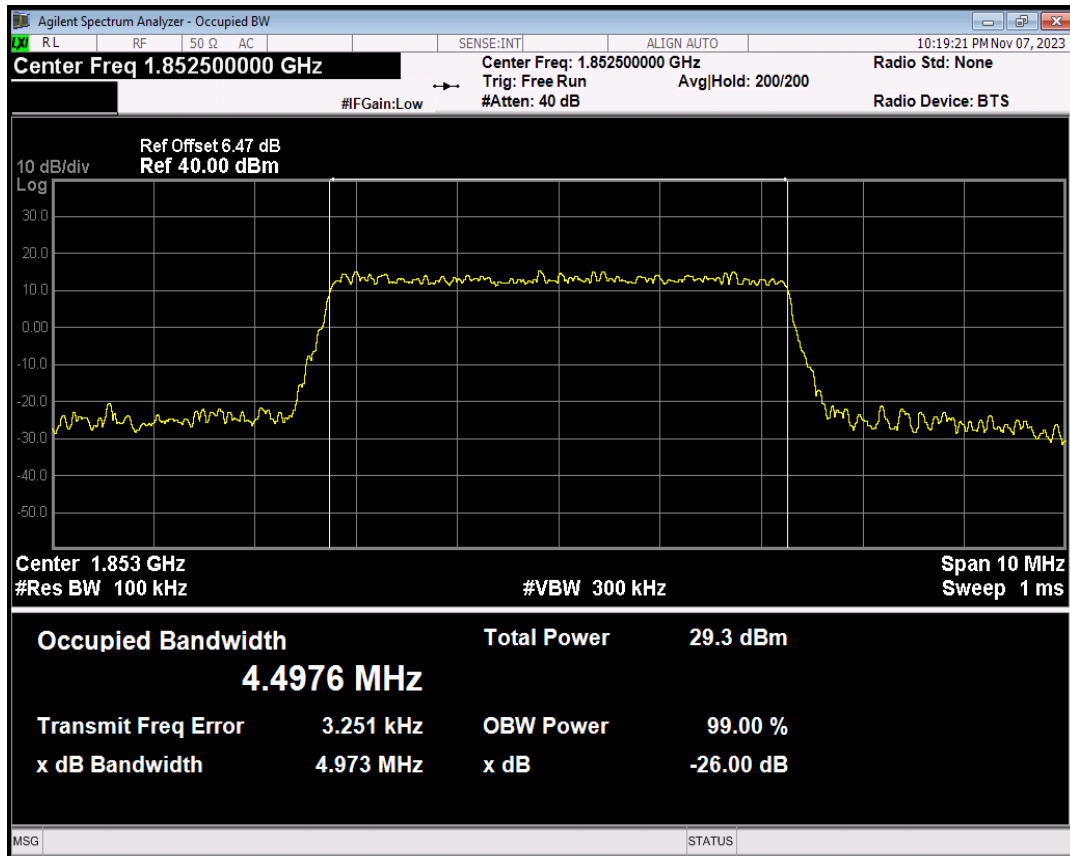




Band2 QPSK BW=5MHz Channel=18625 RB Size=25 Position=#0

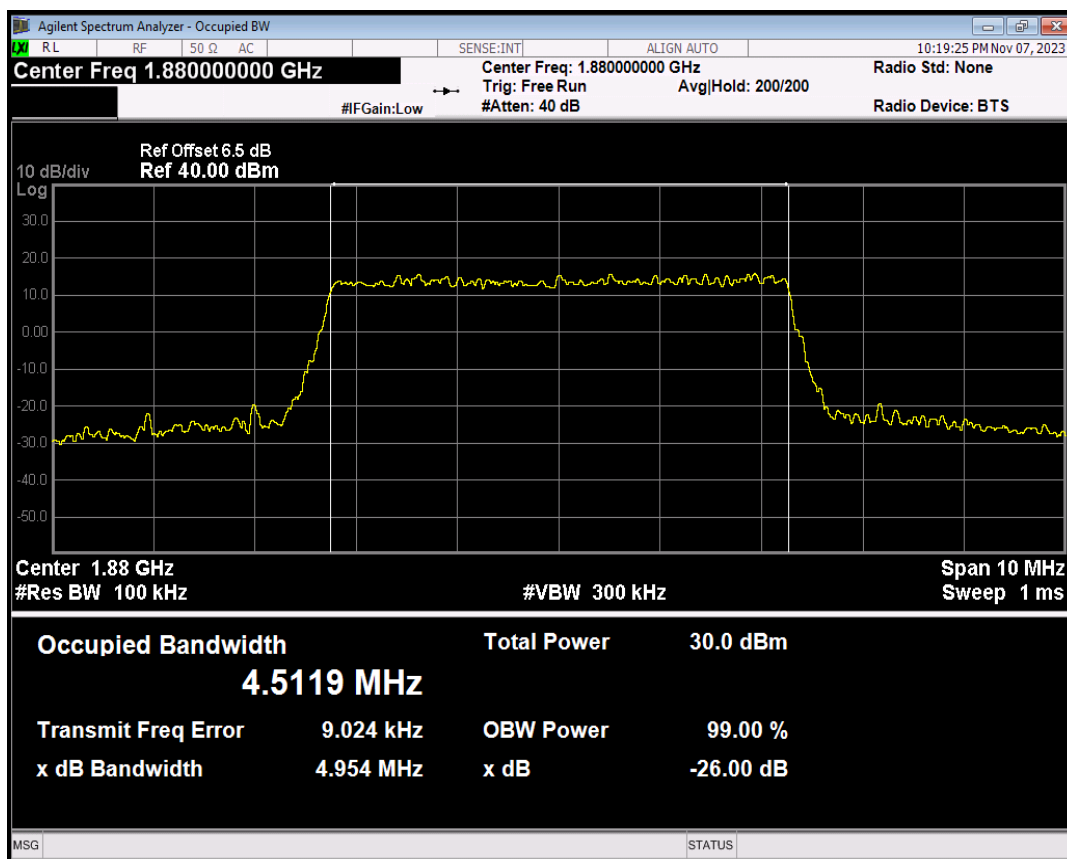


Band2 16QAM BW=5MHz Channel=18625 RB Size=25 Position=#0

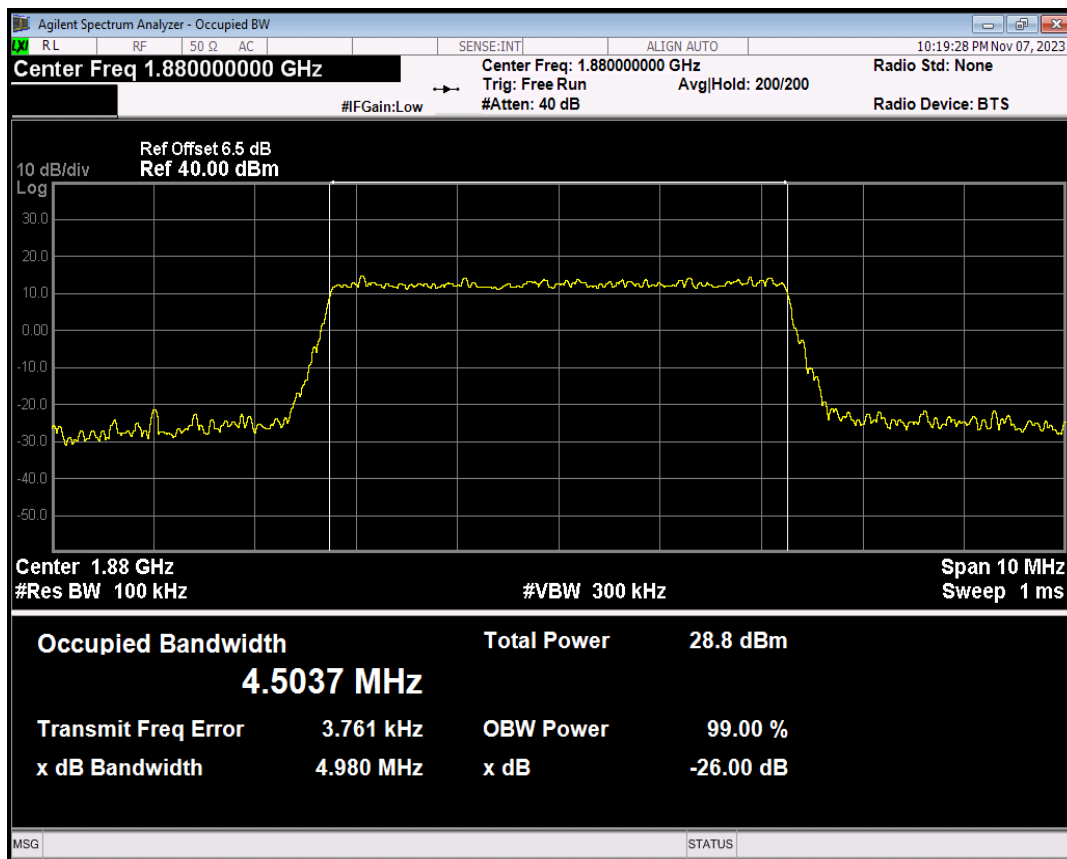




Band2 QPSK BW=5MHz Channel=18900 RB Size=25 Position=#0

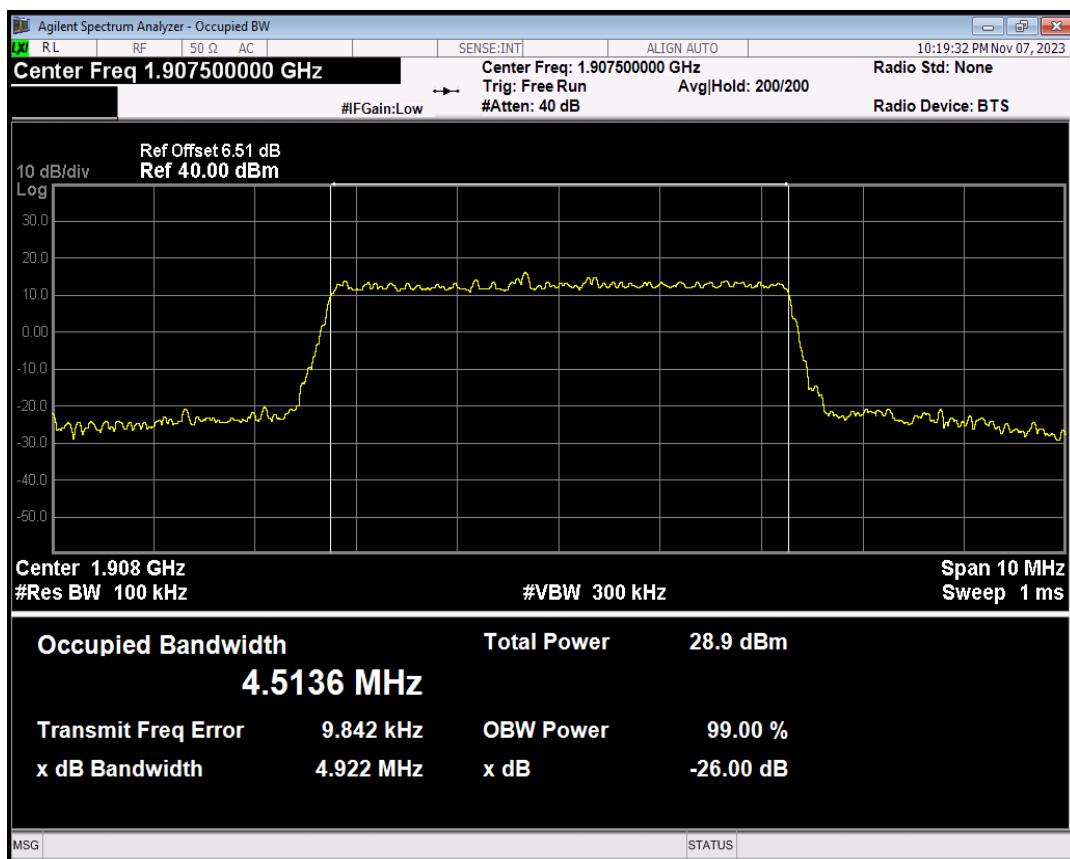


Band2 16QAM BW=5MHz Channel=18900 RB Size=25 Position=#0

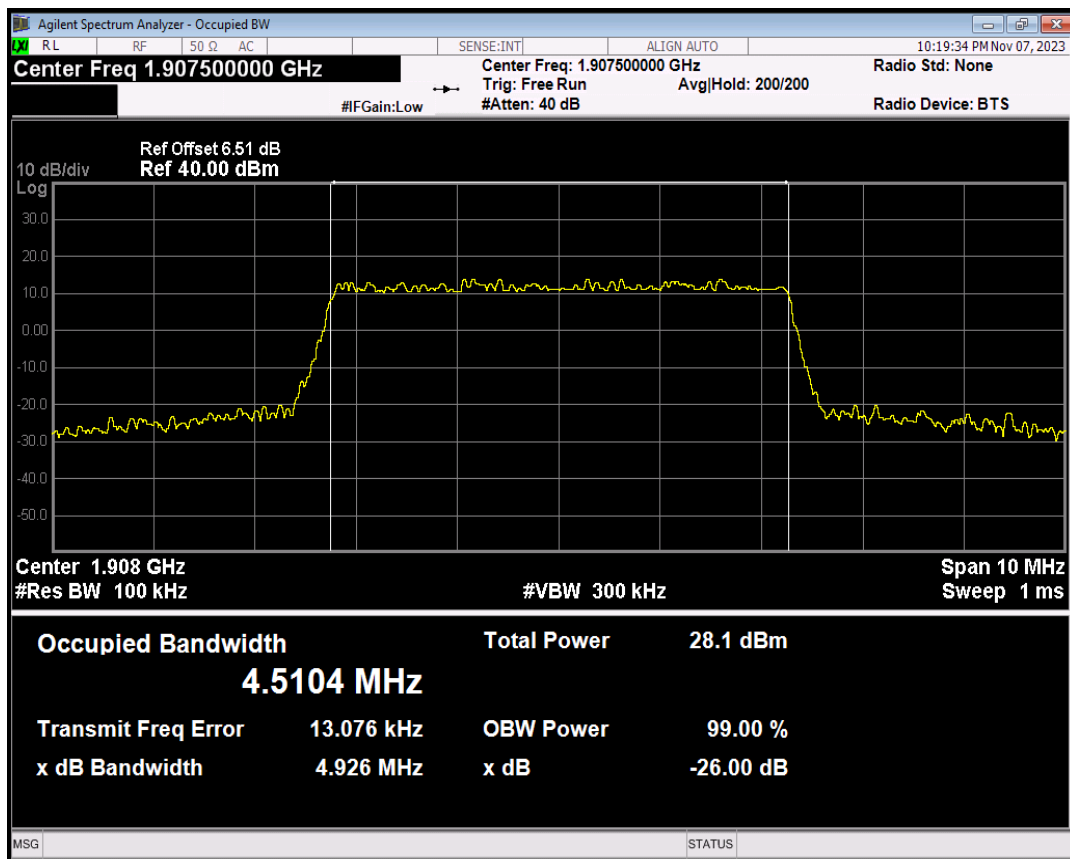




Band2 QPSK BW=5MHz Channel=19175 RB Size=25 Position=#0

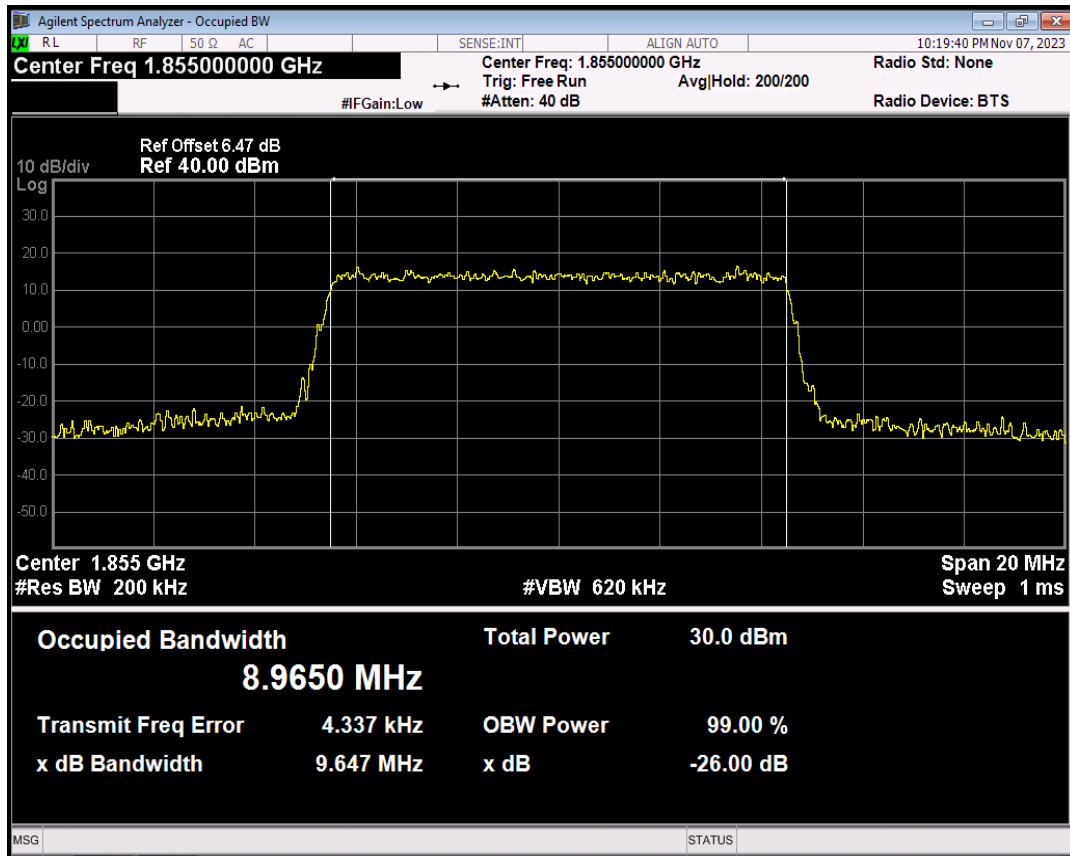


Band2 16QAM BW=5MHz Channel=19175 RB Size=25 Position=#0

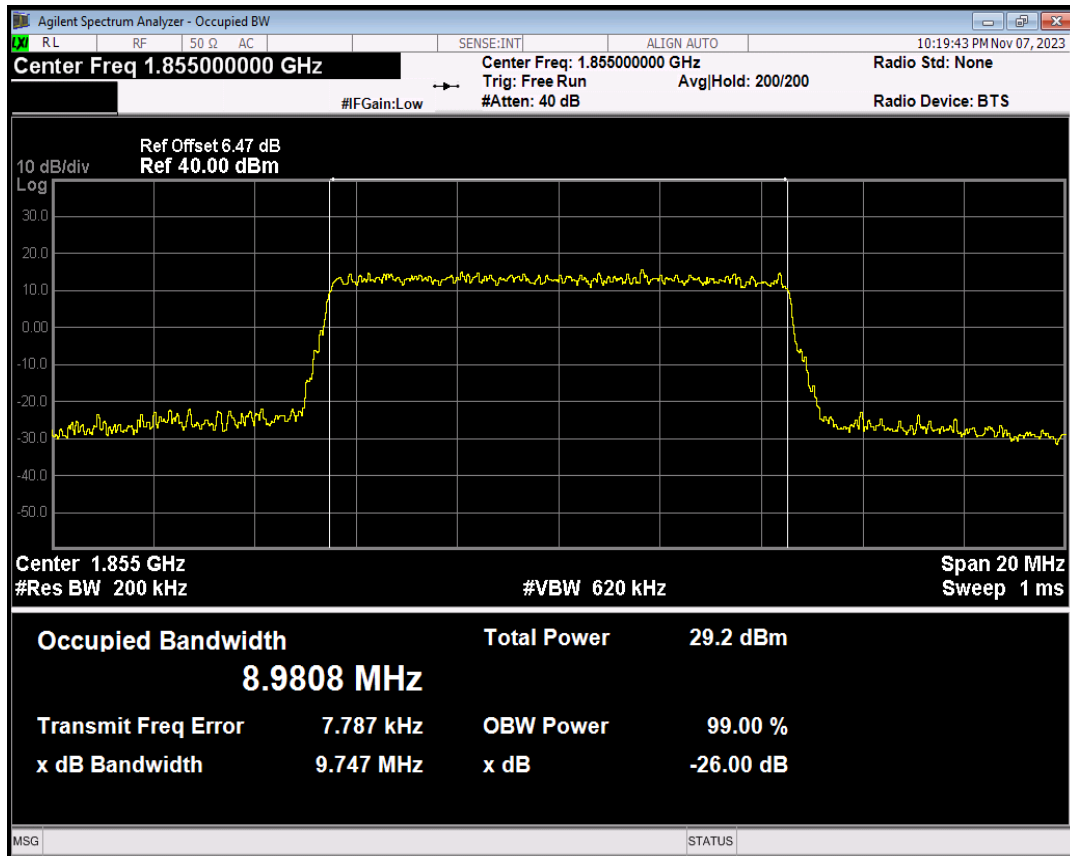




Band2 QPSK BW=10MHz Channel=18650 RB Size=50 Position=#0

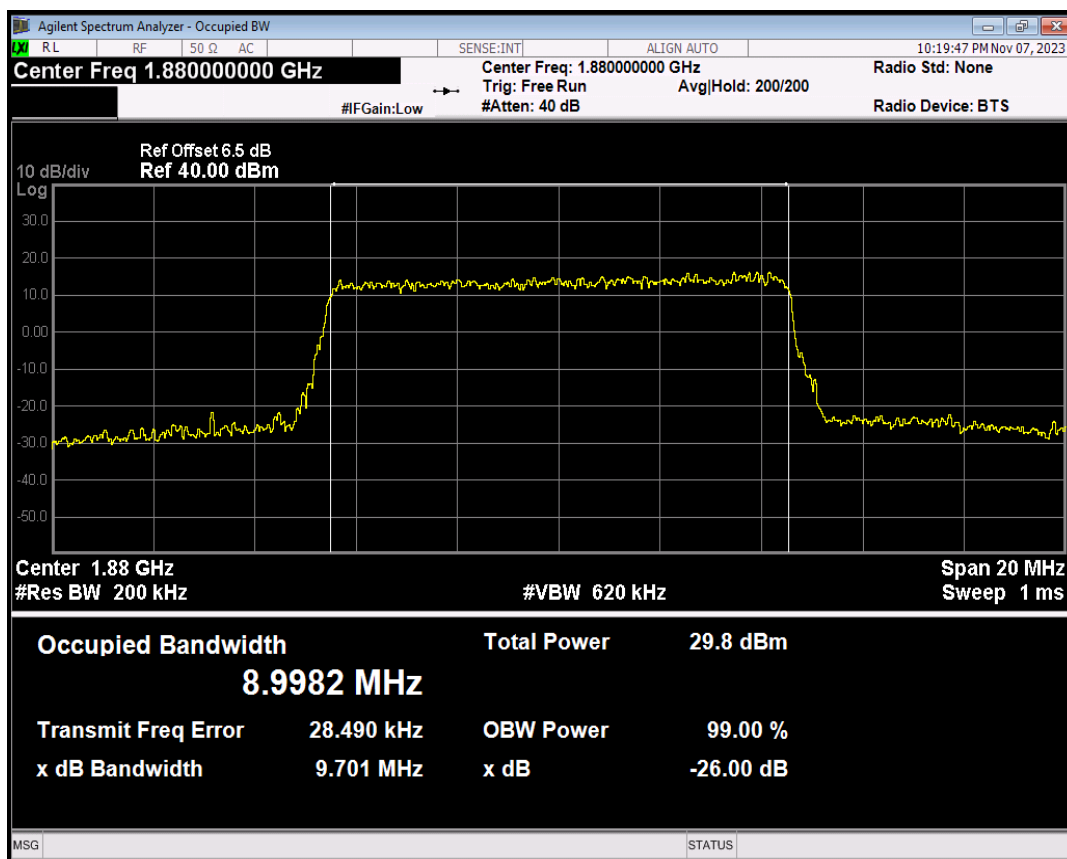


Band2 16QAM BW=10MHz Channel=18650 RB Size=50 Position=#0

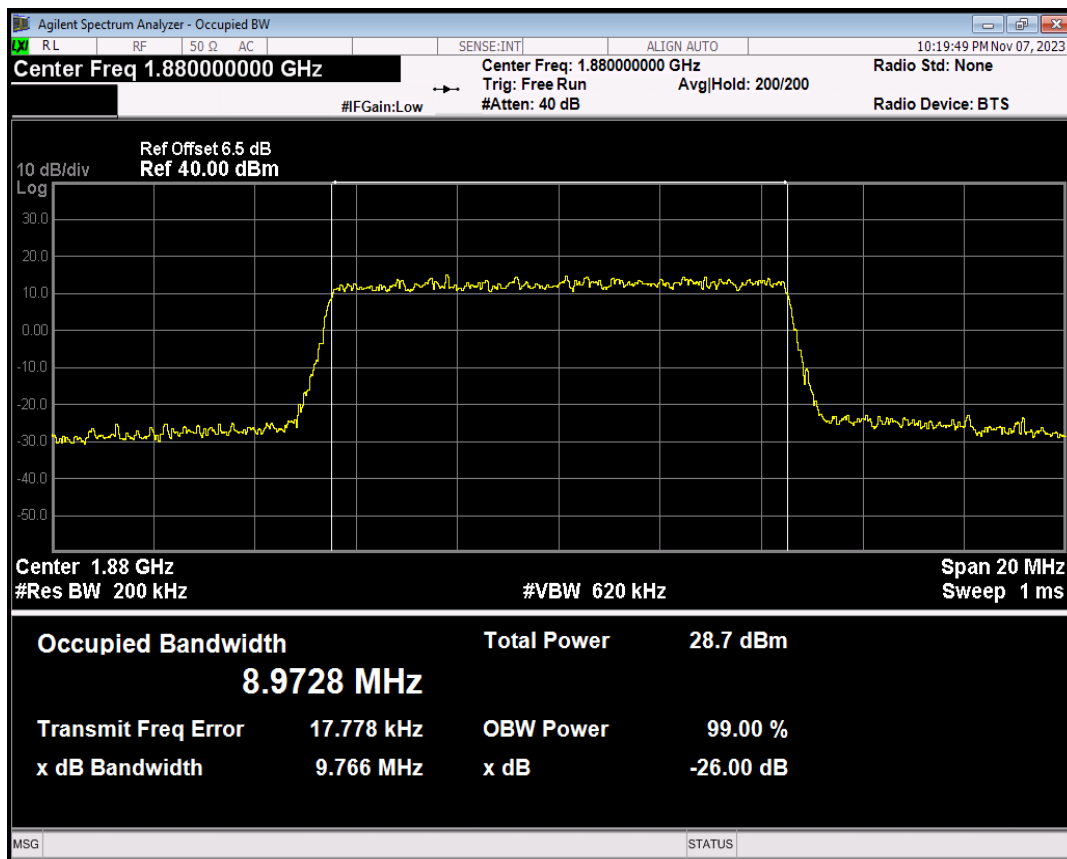




Band2 QPSK BW=10MHz Channel=18900 RB Size=50 Position=#0

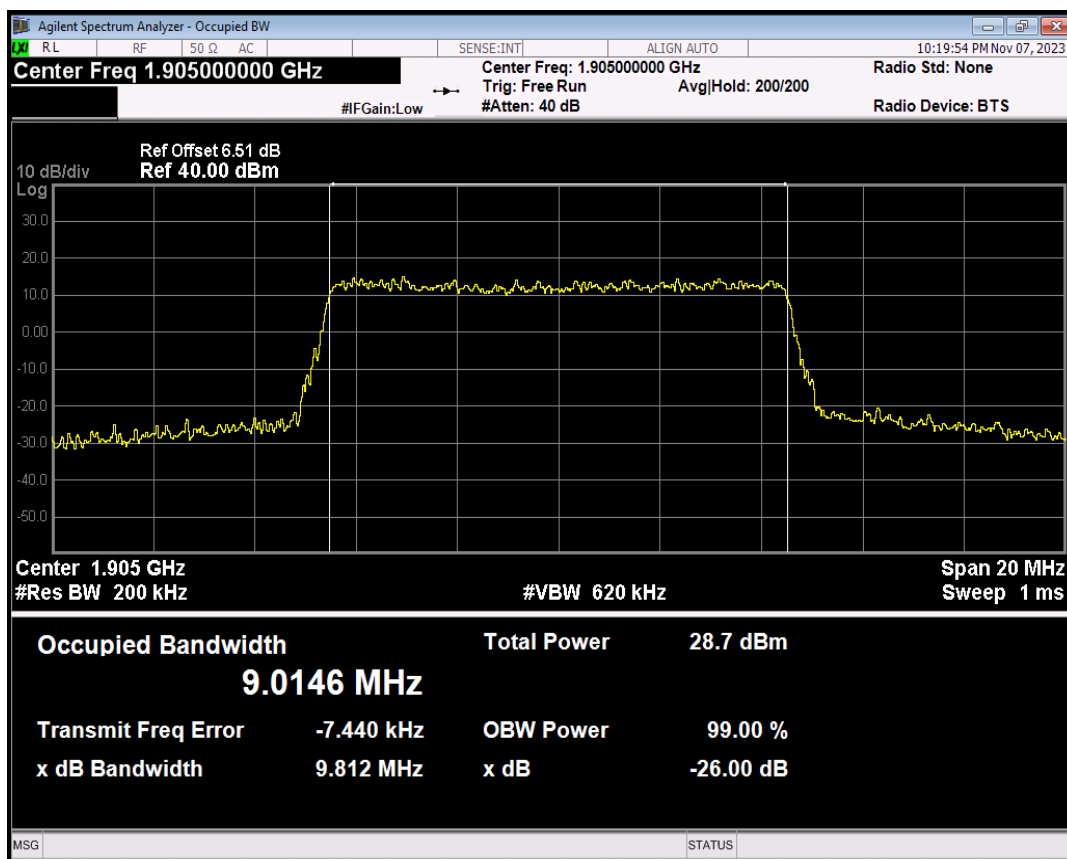


Band2 16QAM BW=10MHz Channel=18900 RB Size=50 Position=#0

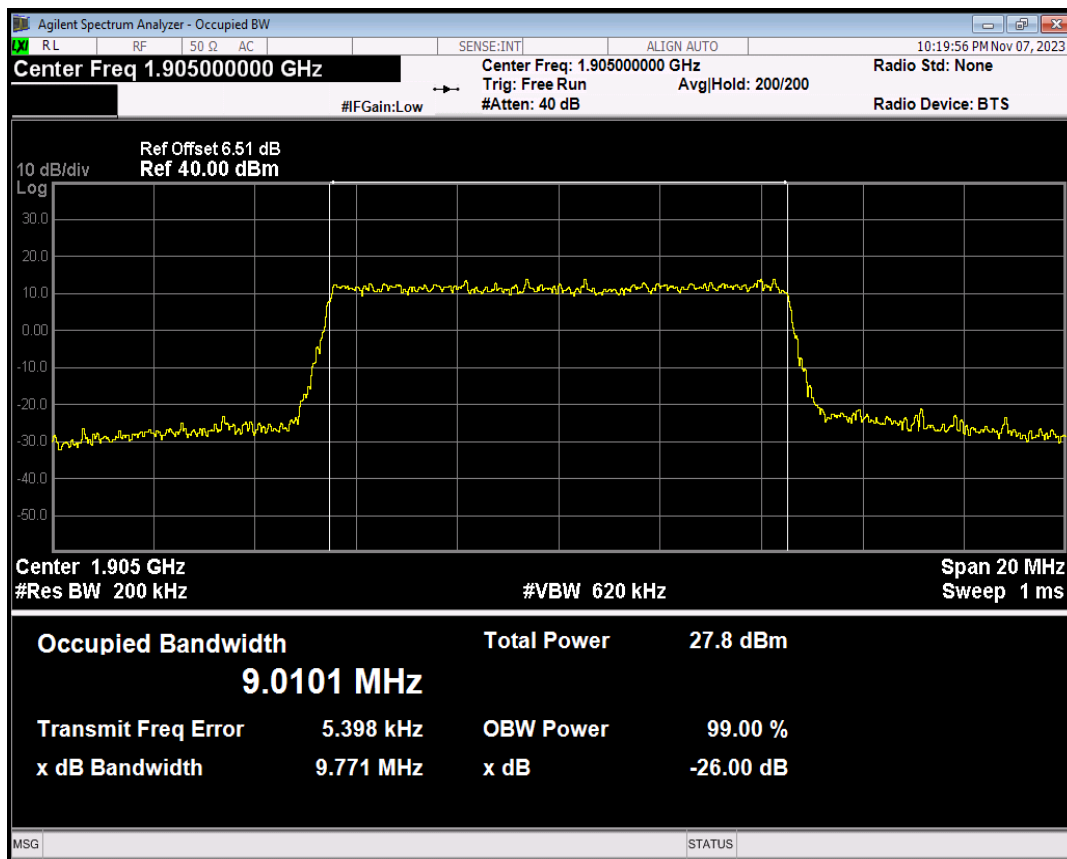




Band2 QPSK BW=10MHz Channel=19150 RB Size=50 Position=#0

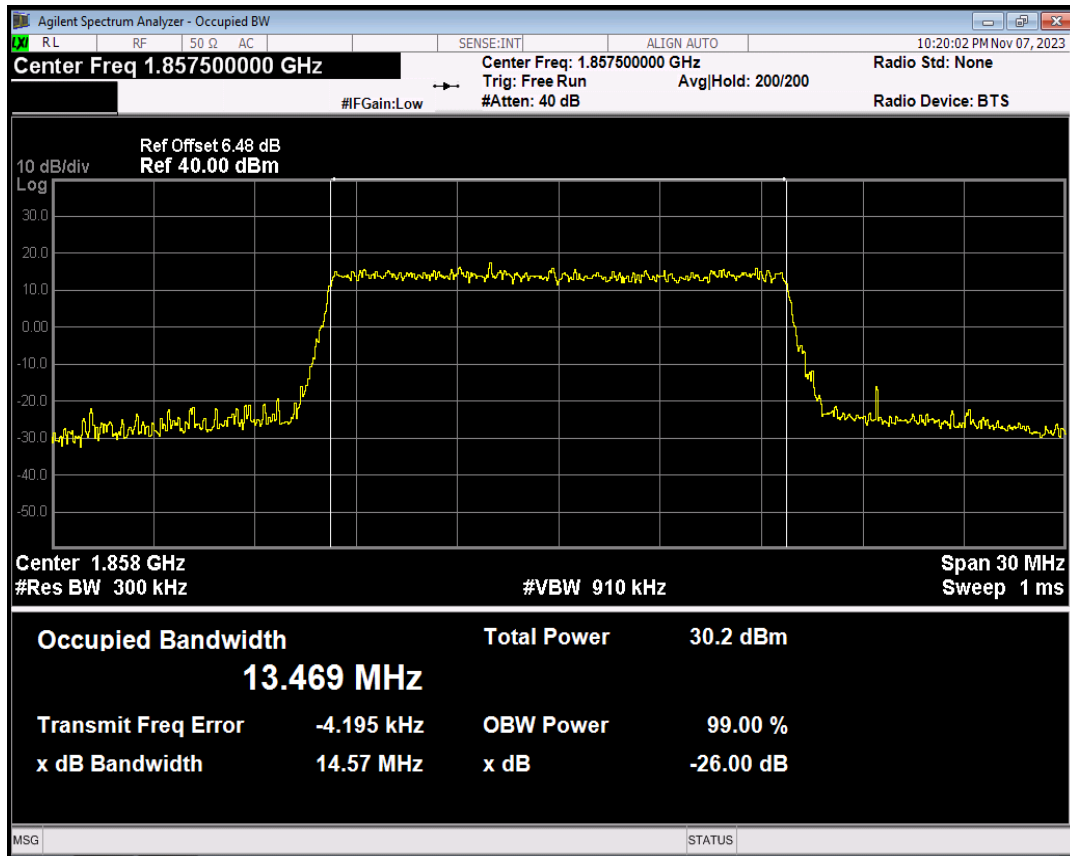


Band2 16QAM BW=10MHz Channel=19150 RB Size=50 Position=#0

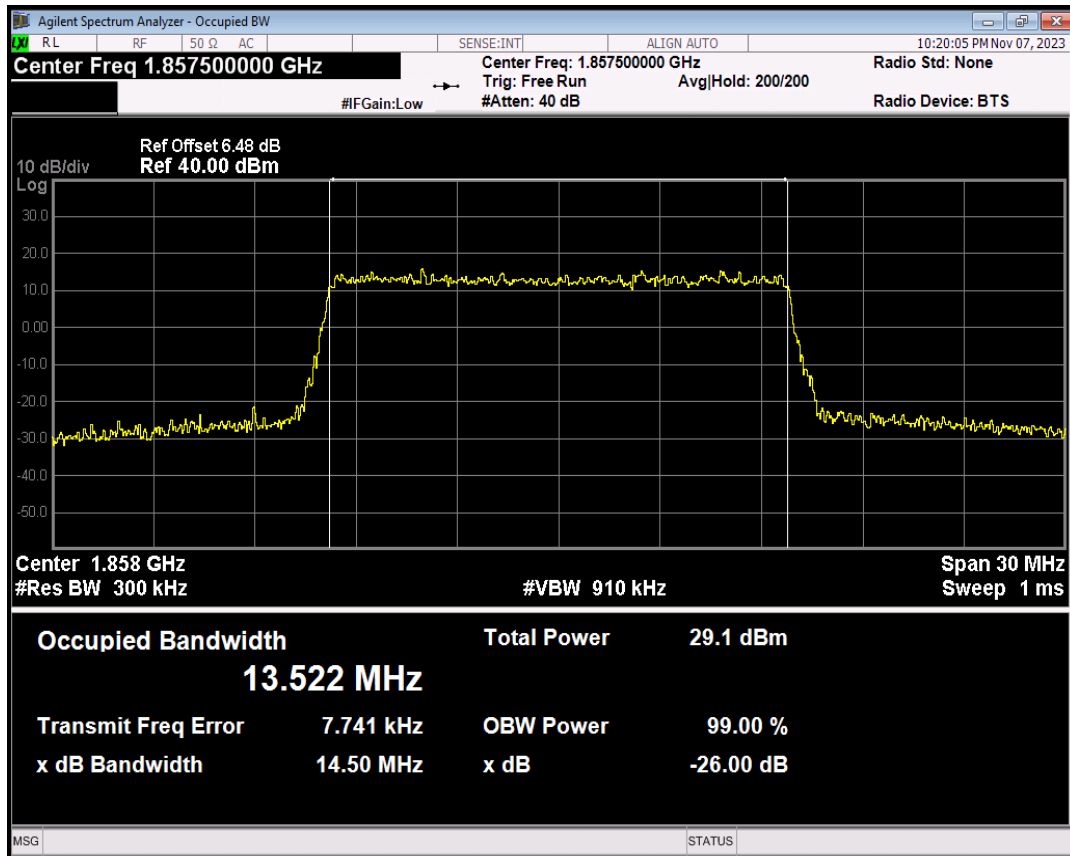




Band2 QPSK BW=15MHz Channel=18675 RB Size=75 Position=#0

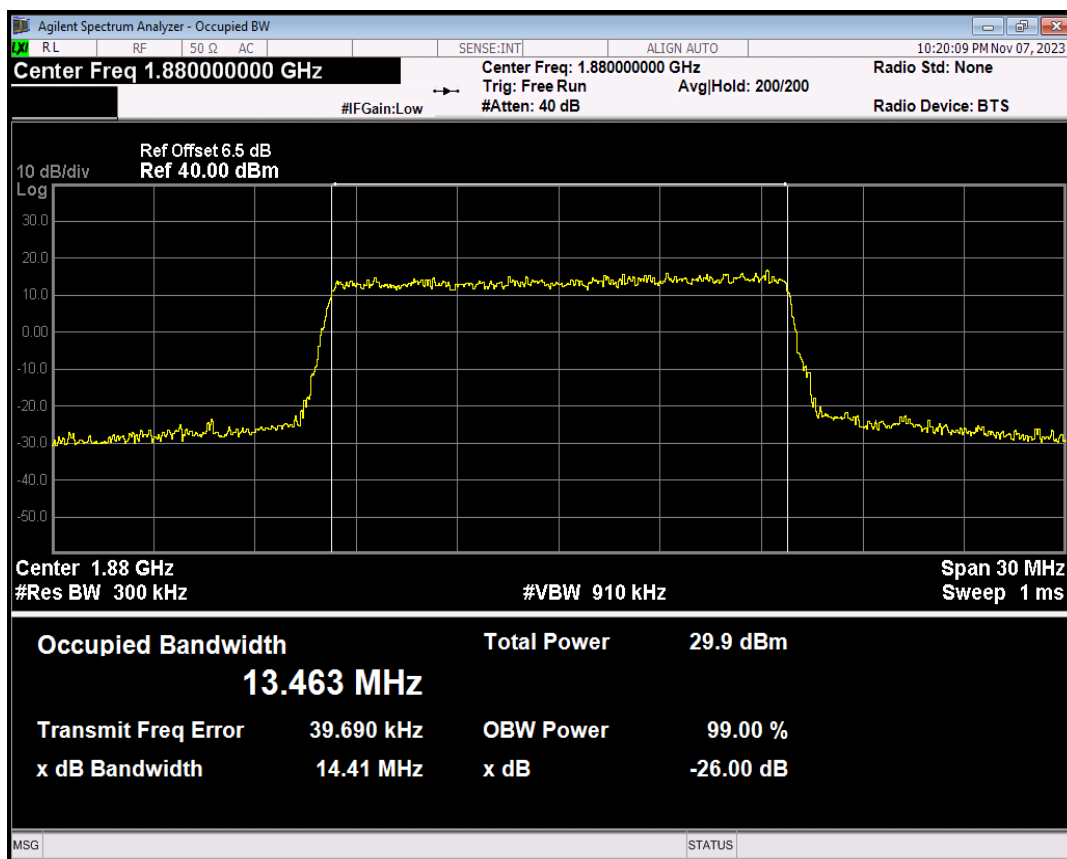


Band2 16QAM BW=15MHz Channel=18675 RB Size=75 Position=#0

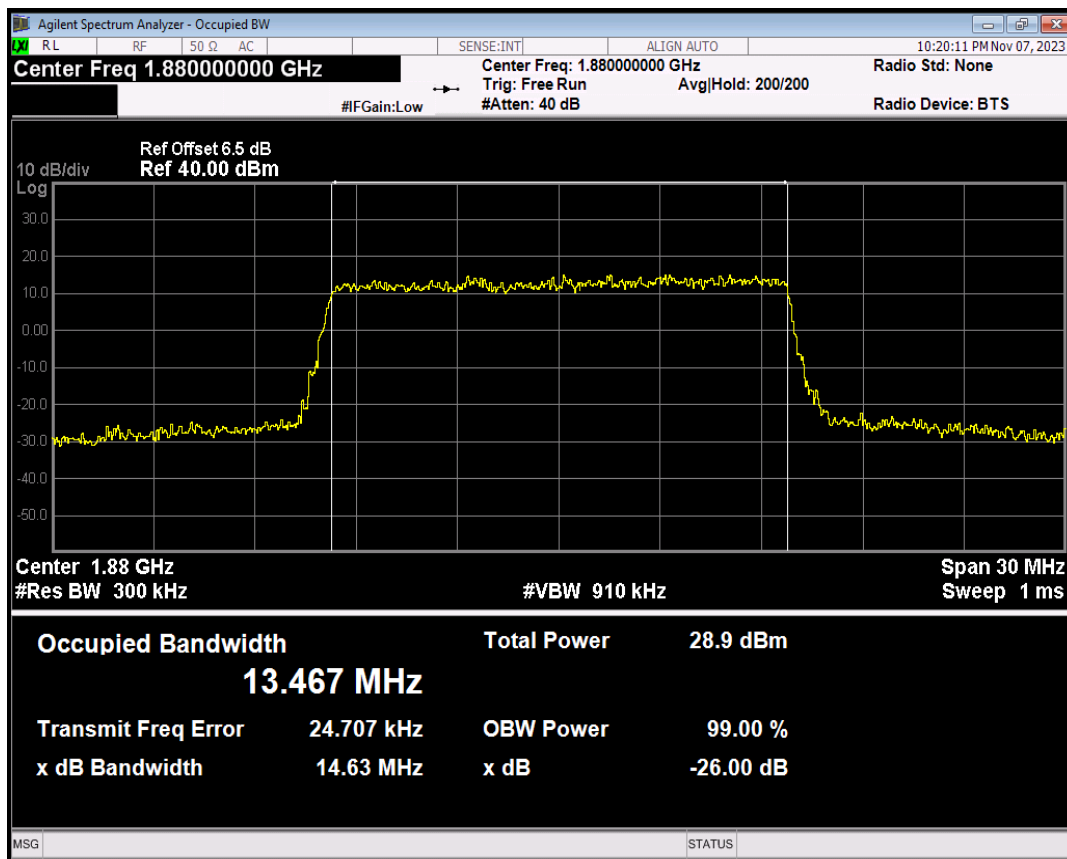




Band2 QPSK BW=15MHz Channel=18900 RB Size=75 Position=#0

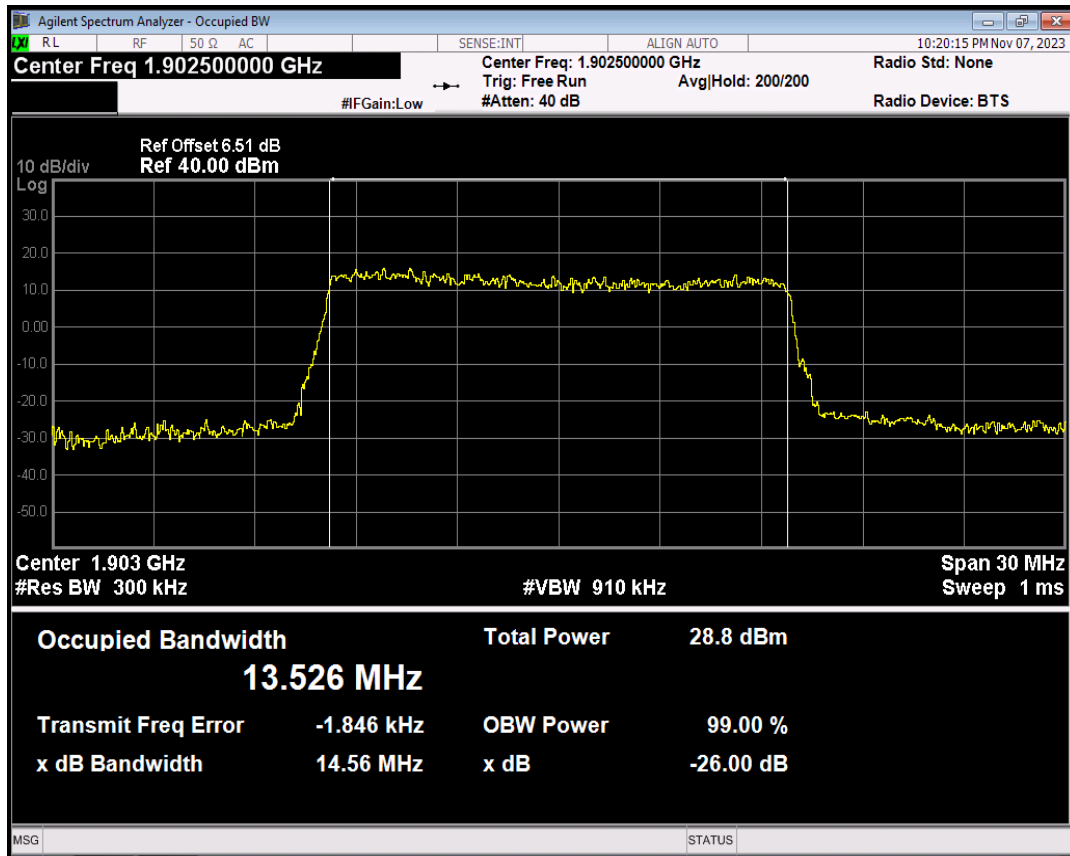


Band2 16QAM BW=15MHz Channel=18900 RB Size=75 Position=#0

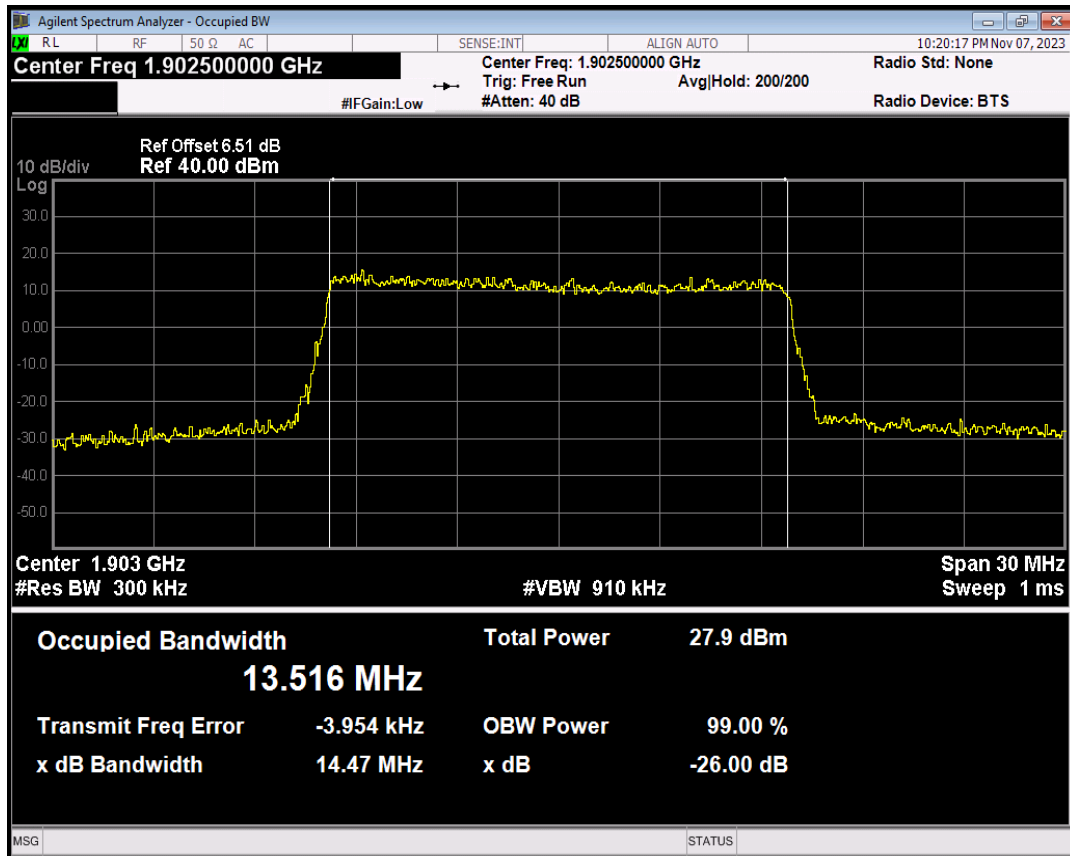




Band2 QPSK BW=15MHz Channel=19125 RB Size=75 Position=#0

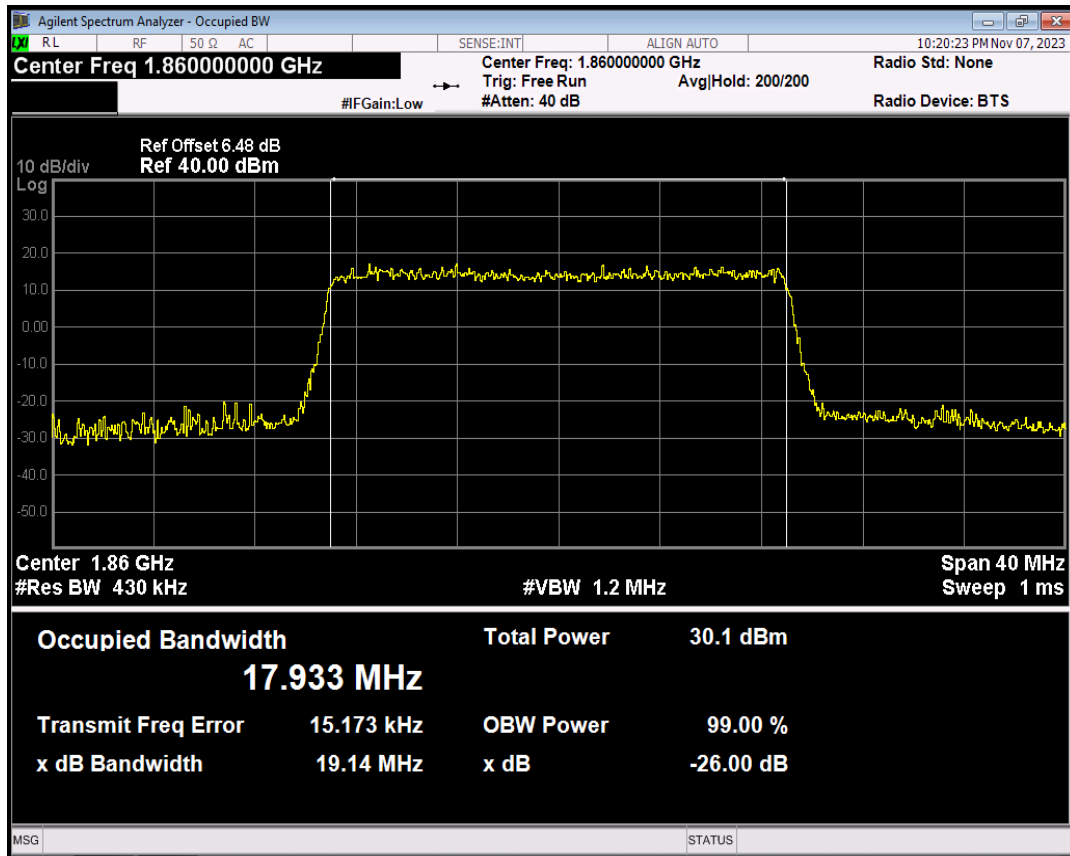


Band2 16QAM BW=15MHz Channel=19125 RB Size=75 Position=#0

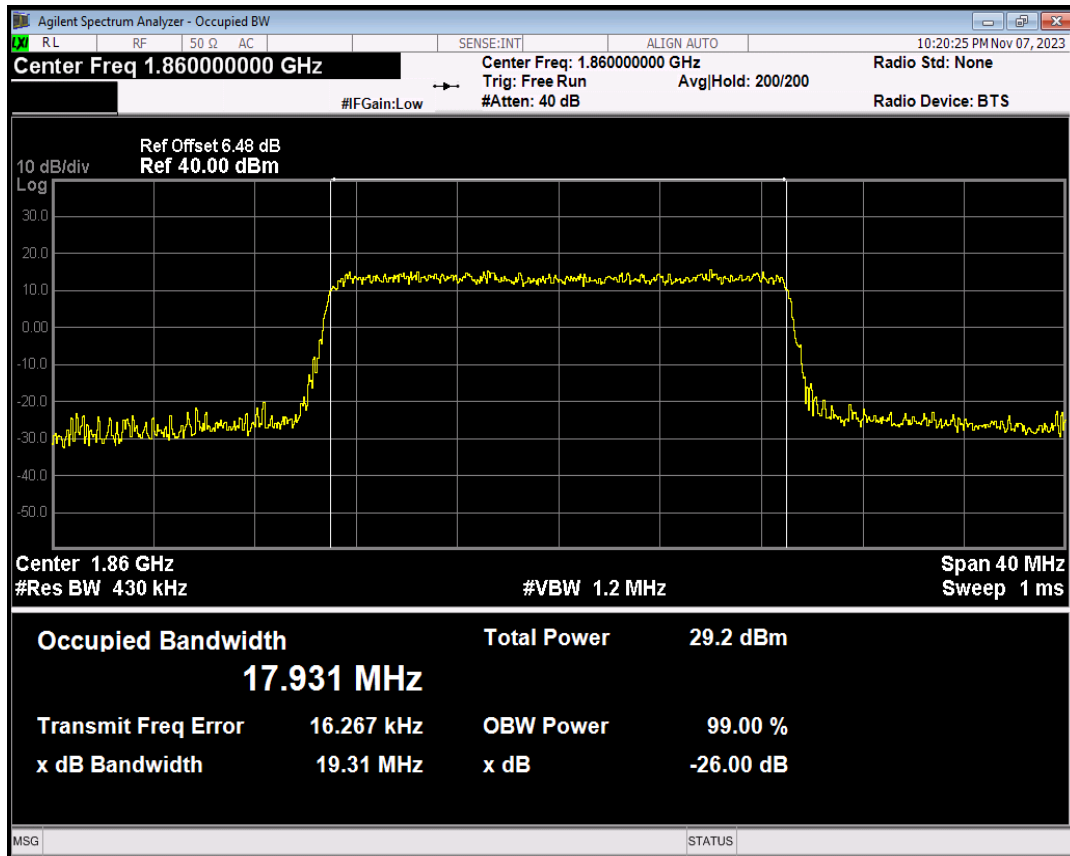




Band2 QPSK BW=20MHz Channel=18700 RB Size=100 Position=#0

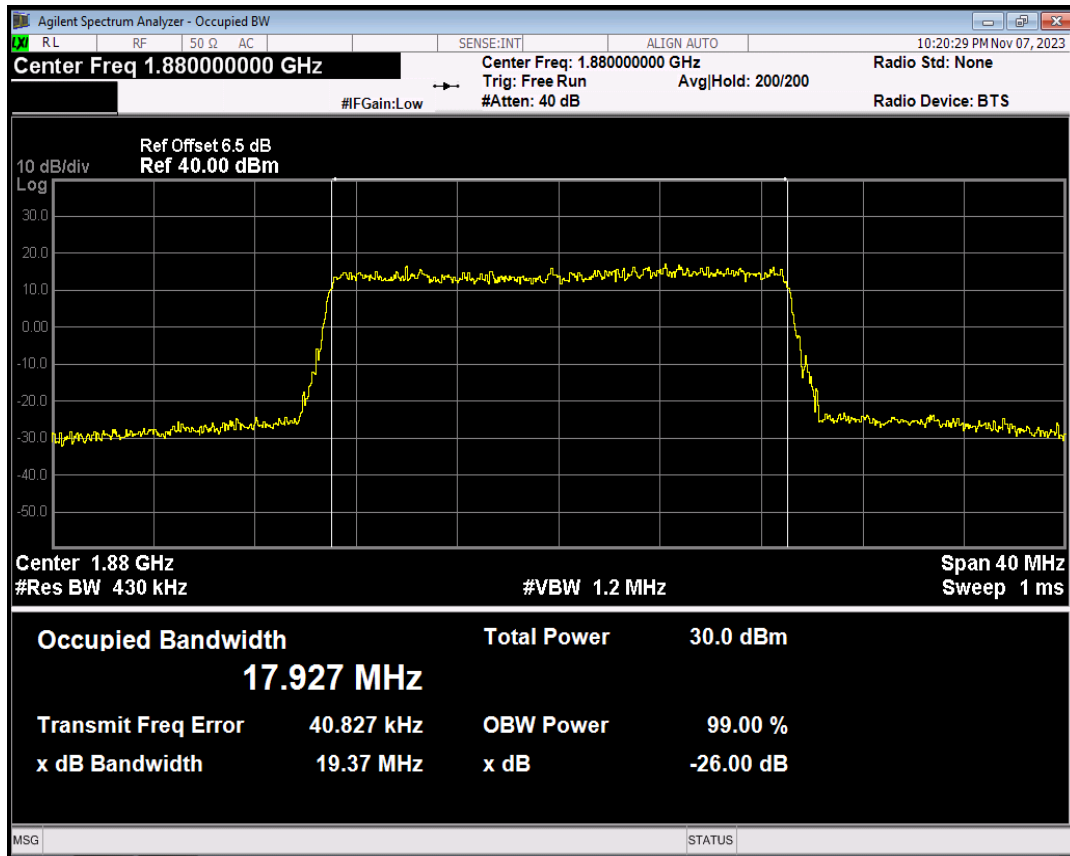


Band2 16QAM BW=20MHz Channel=18700 RB Size=100 Position=#0

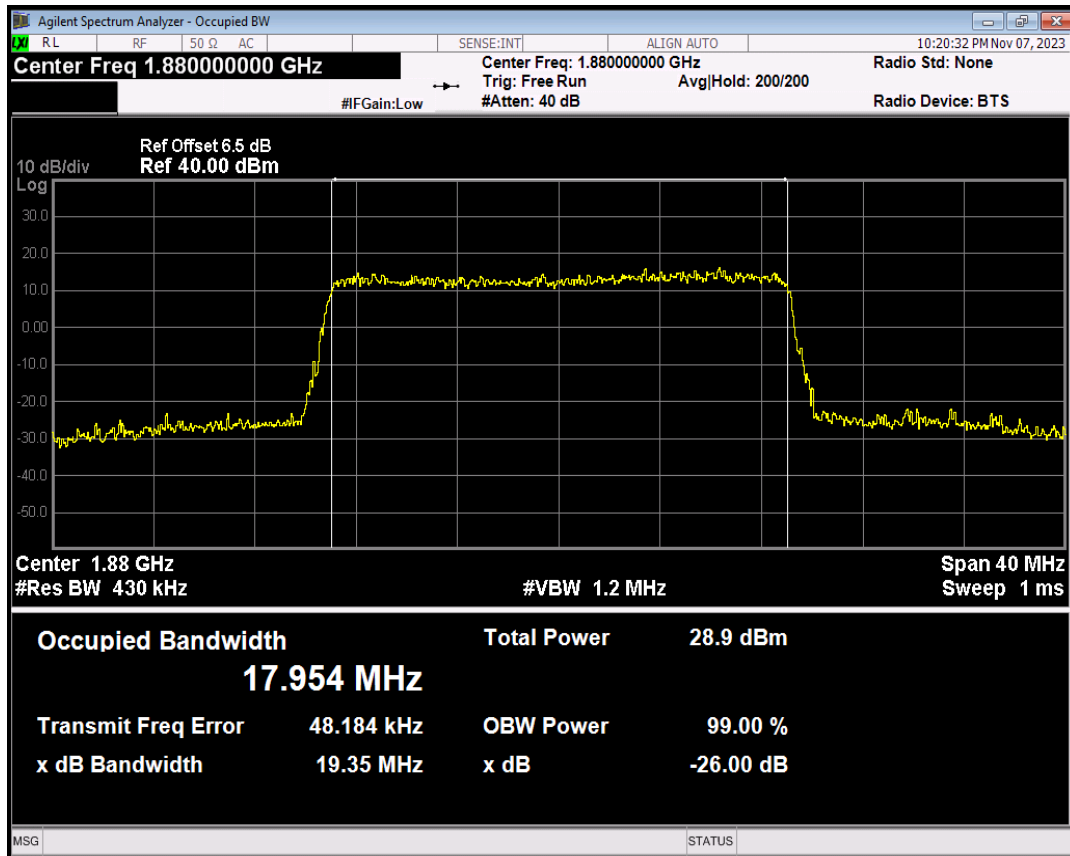




Band2 QPSK BW=20MHz Channel=18900 RB Size=100 Position=#0

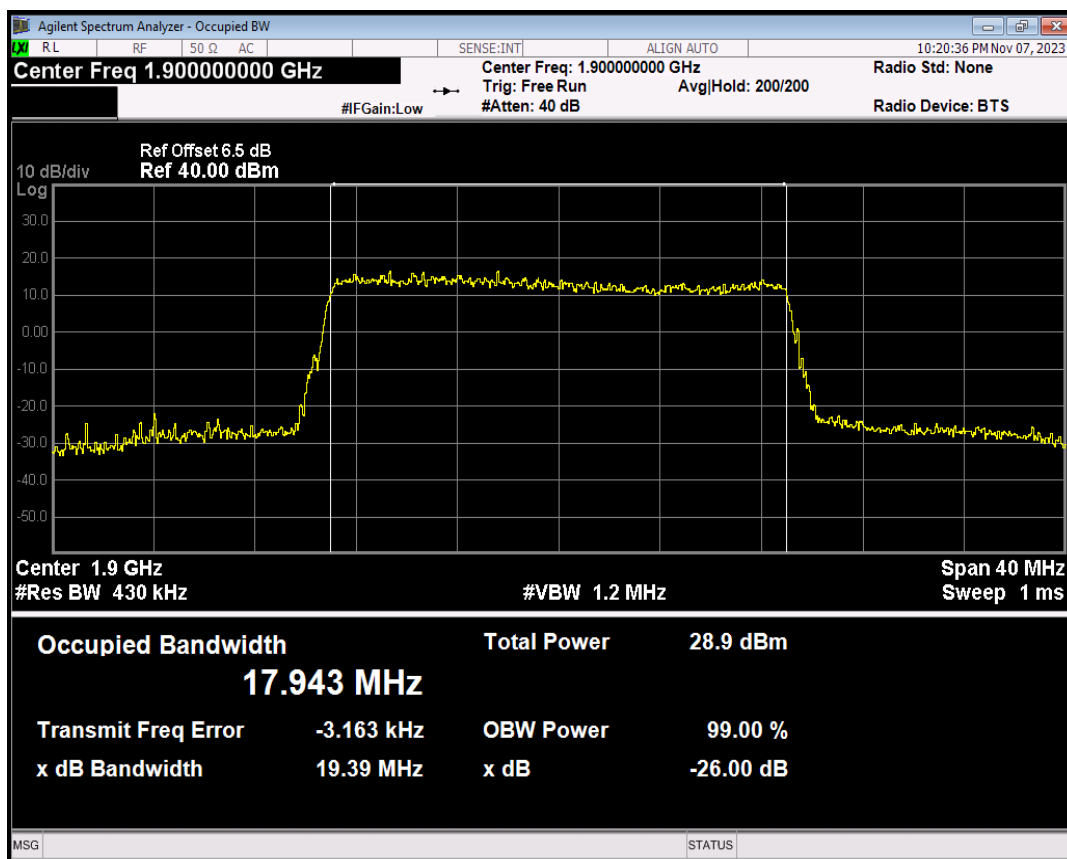


Band2 16QAM BW=20MHz Channel=18900 RB Size=100 Position=#0

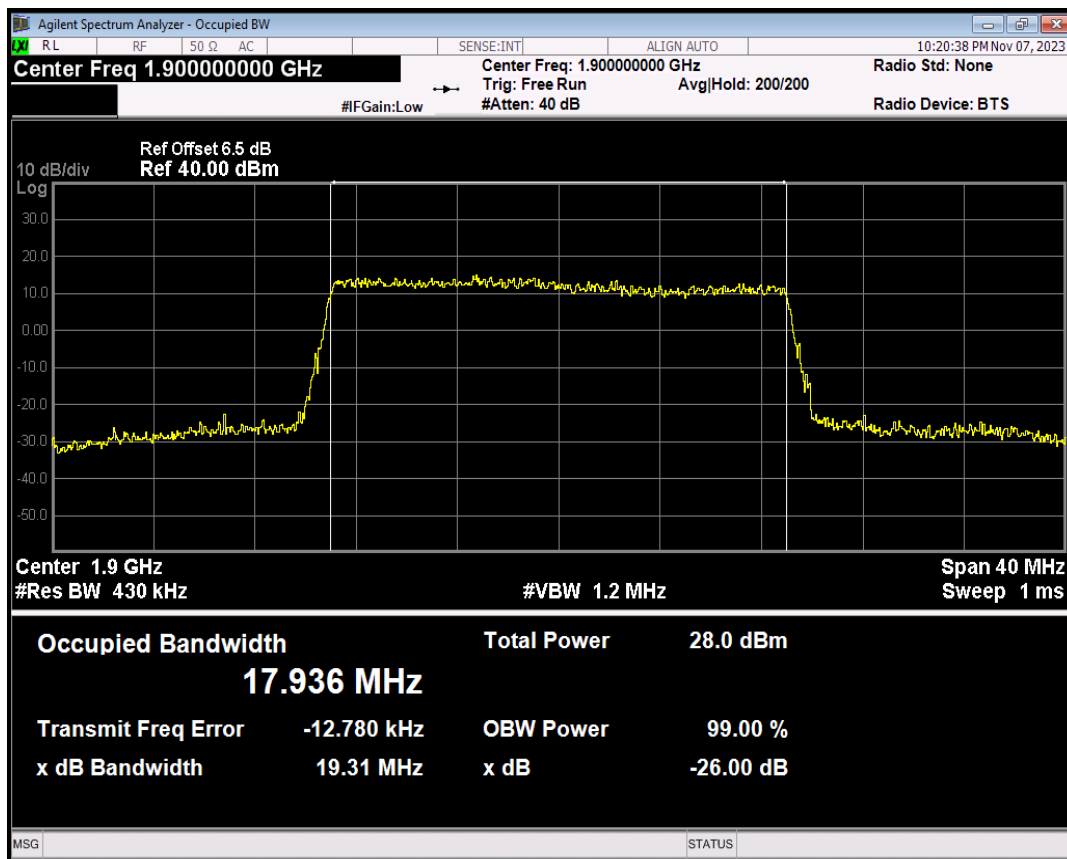




Band2 QPSK BW=20MHz Channel=19100 RB Size=100 Position=#0



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



Appendix 5. Band edge

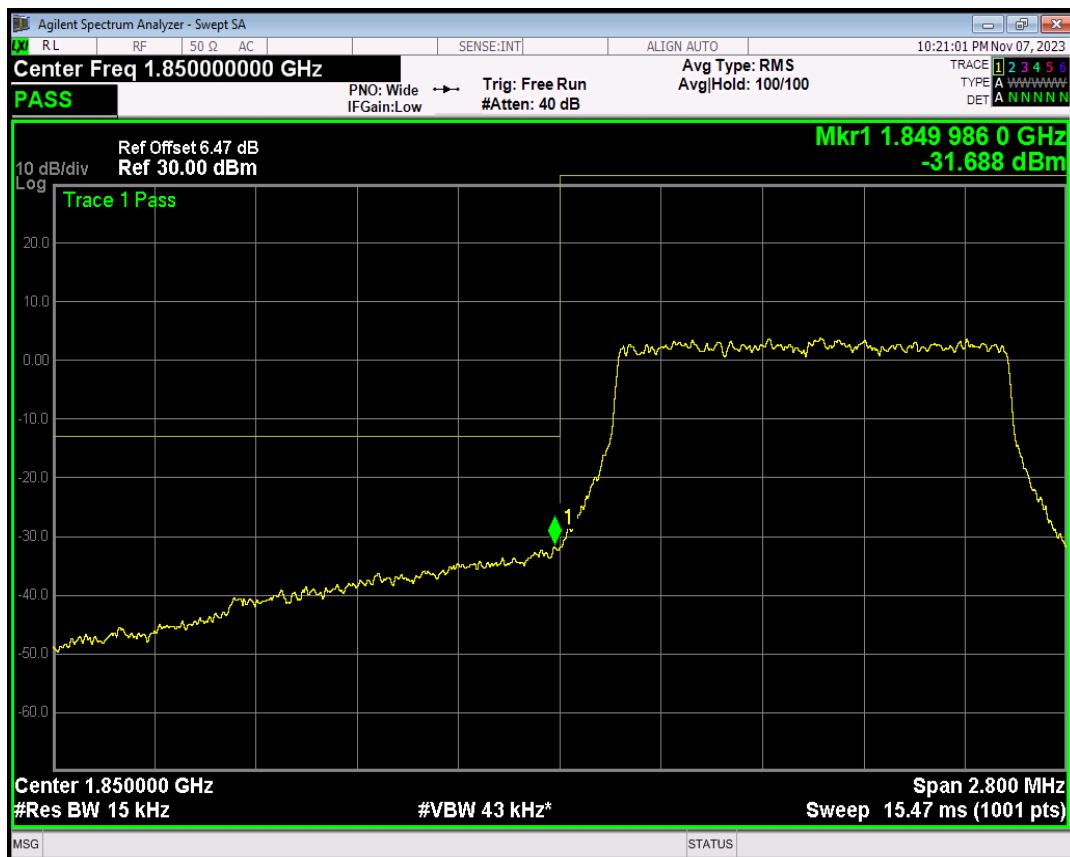
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band2	1.4	18607	6	#0	QPSK	1850.00	-29.30	-13	PASS
Band2	1.4	18607	6	#0	16QAM	1849.99	-31.68	-13	PASS
Band2	1.4	19193	6	#0	QPSK	1910.01	-28.95	-13	PASS
Band2	1.4	19193	6	#0	16QAM	1910.01	-30.19	-13	PASS
Band2	3	18615	15	#0	QPSK	1849.98	-30.93	-13	PASS
Band2	3	18615	15	#0	16QAM	1849.99	-32.52	-13	PASS
Band2	3	19185	15	#0	QPSK	1910.00	-30.22	-13	PASS
Band2	3	19185	15	#0	16QAM	1910.00	-31.39	-13	PASS
Band2	5	18625	25	#0	QPSK	1849.98	-30.58	-13	PASS
Band2	5	18625	25	#0	16QAM	1849.96	-31.87	-13	PASS
Band2	5	19175	25	#0	QPSK	1910.00	-30.22	-13	PASS
Band2	5	19175	25	#0	16QAM	1910.00	-30.61	-13	PASS
Band2	10	18650	50	#0	QPSK	1850.00	-32.58	-13	PASS
Band2	10	18650	50	#0	16QAM	1849.96	-34.30	-13	PASS
Band2	10	19150	50	#0	QPSK	1910.00	-31.86	-13	PASS
Band2	10	19150	50	#0	16QAM	1910.04	-33.51	-13	PASS
Band2	15	18675	75	#0	QPSK	1850.00	-35.25	-13	PASS
Band2	15	18675	75	#0	16QAM	1849.97	-34.30	-13	PASS
Band2	15	19125	75	#0	QPSK	1910.27	-33.29	-13	PASS
Band2	15	19125	75	#0	16QAM	1910.00	-34.03	-13	PASS
Band2	20	18700	100	#0	QPSK	1850.00	-35.18	-13	PASS
Band2	20	18700	100	#0	16QAM	1849.92	-35.72	-13	PASS
Band2	20	19100	100	#0	QPSK	1910.00	-35.25	-13	PASS
Band2	20	19100	100	#0	16QAM	1910.00	-36.19	-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

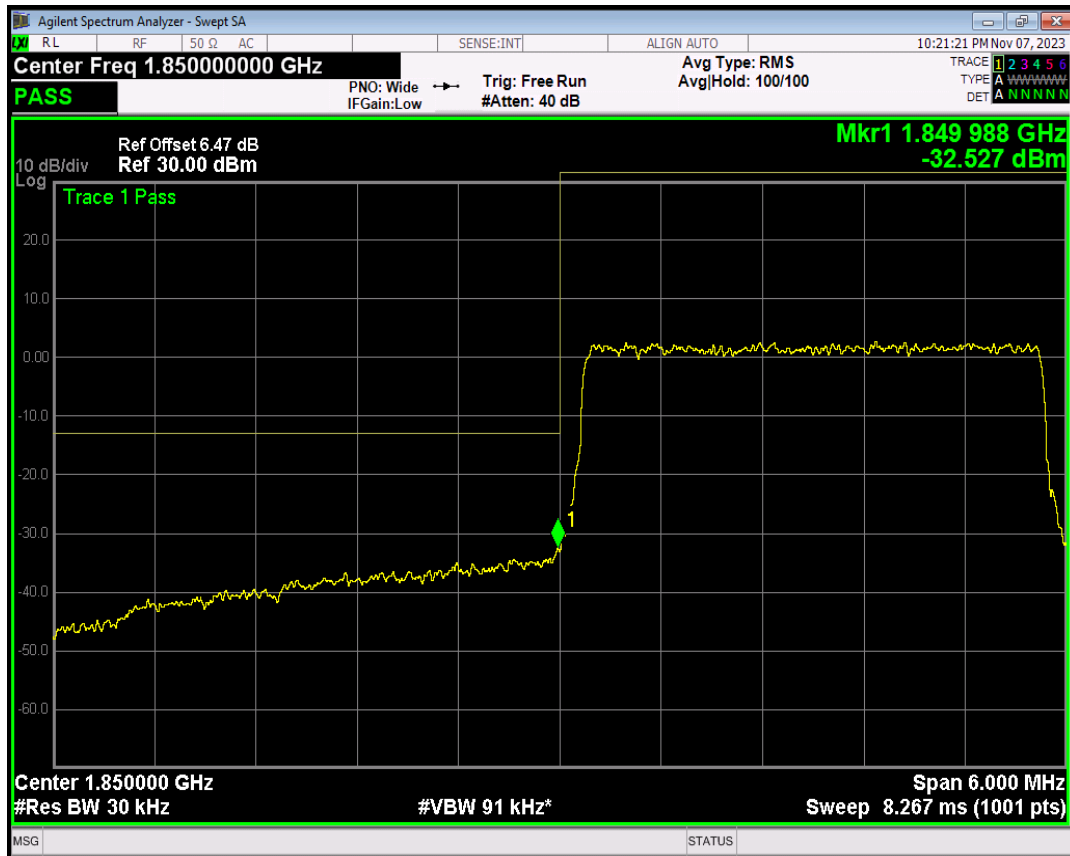




Band2 QPSK BW=3MHz Channel=18615 RB Size=15 Position=#0

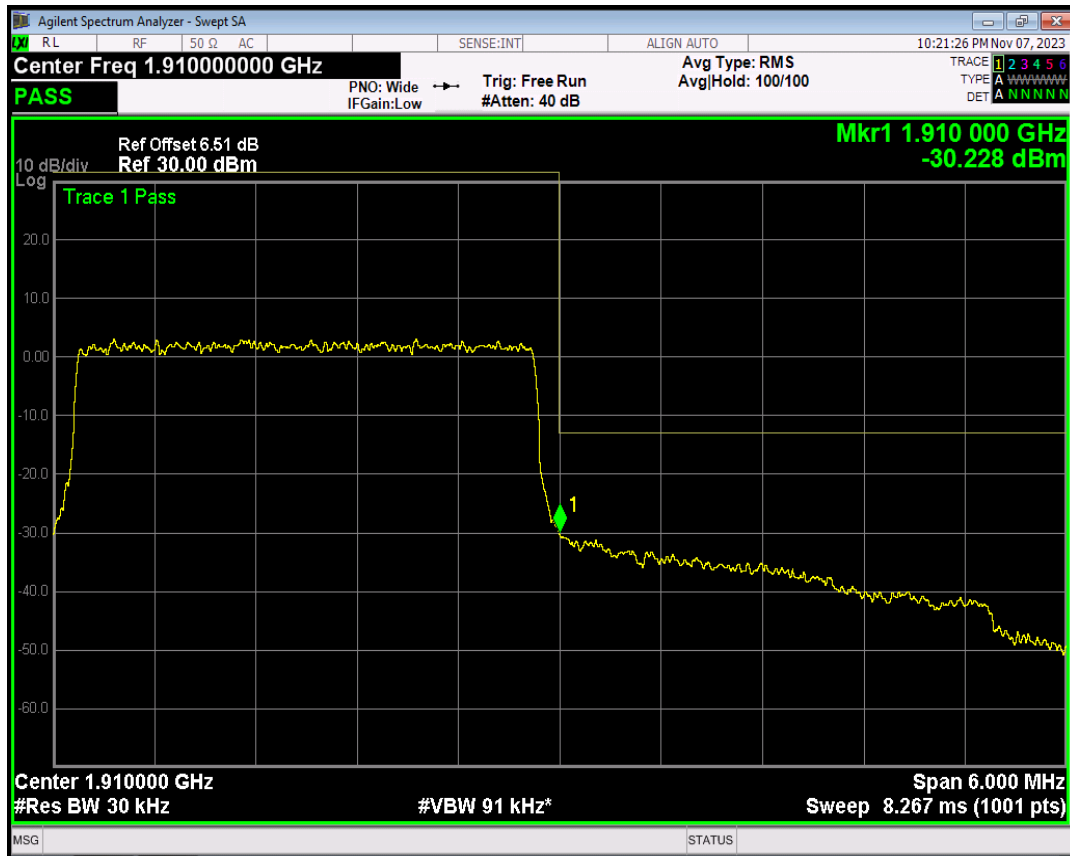


Band2 16QAM BW=3MHz Channel=18615 RB Size=15 Position=#0

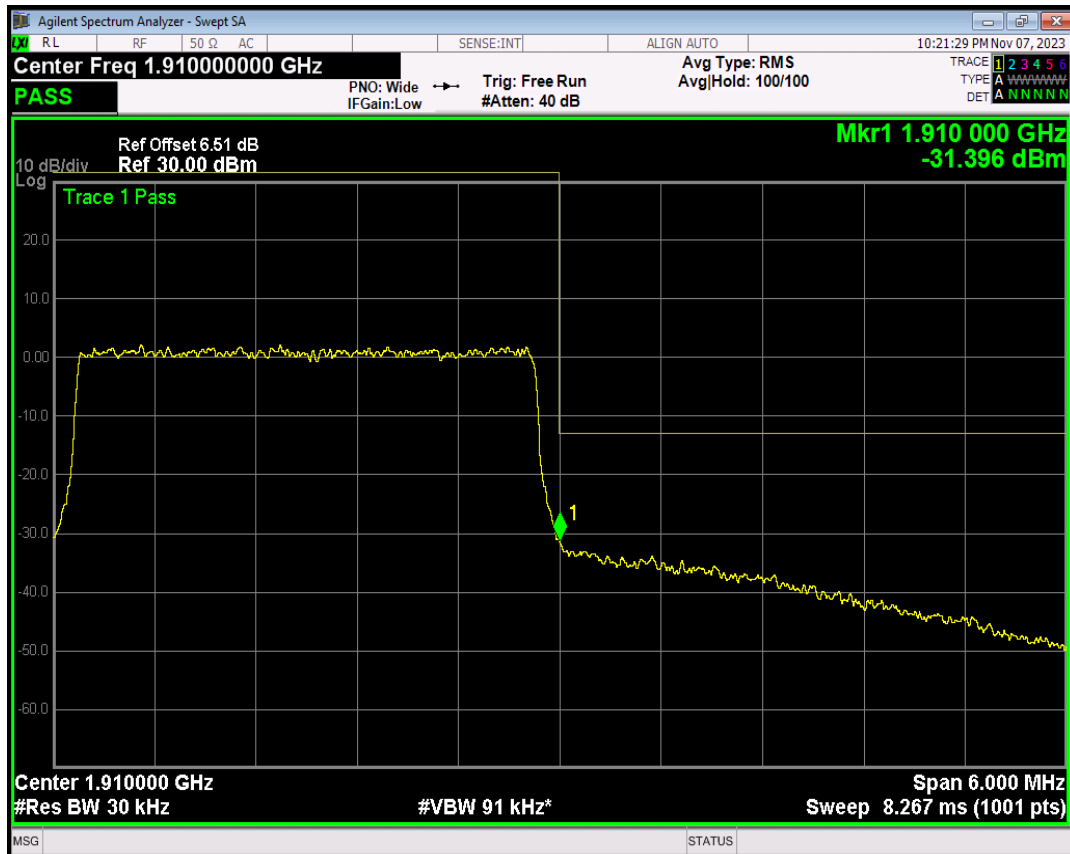




Band2 QPSK BW=3MHz Channel=19185 RB Size=15 Position=#0

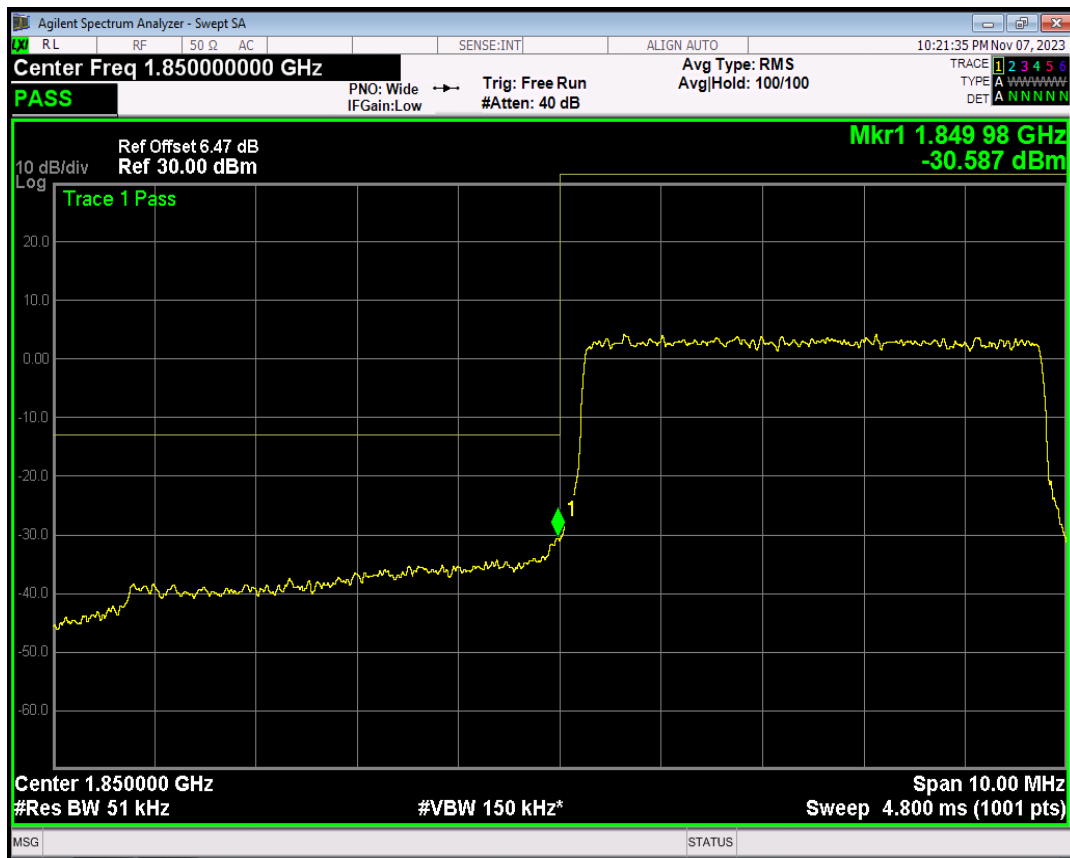


Band2 16QAM BW=3MHz Channel=19185 RB Size=15 Position=#0

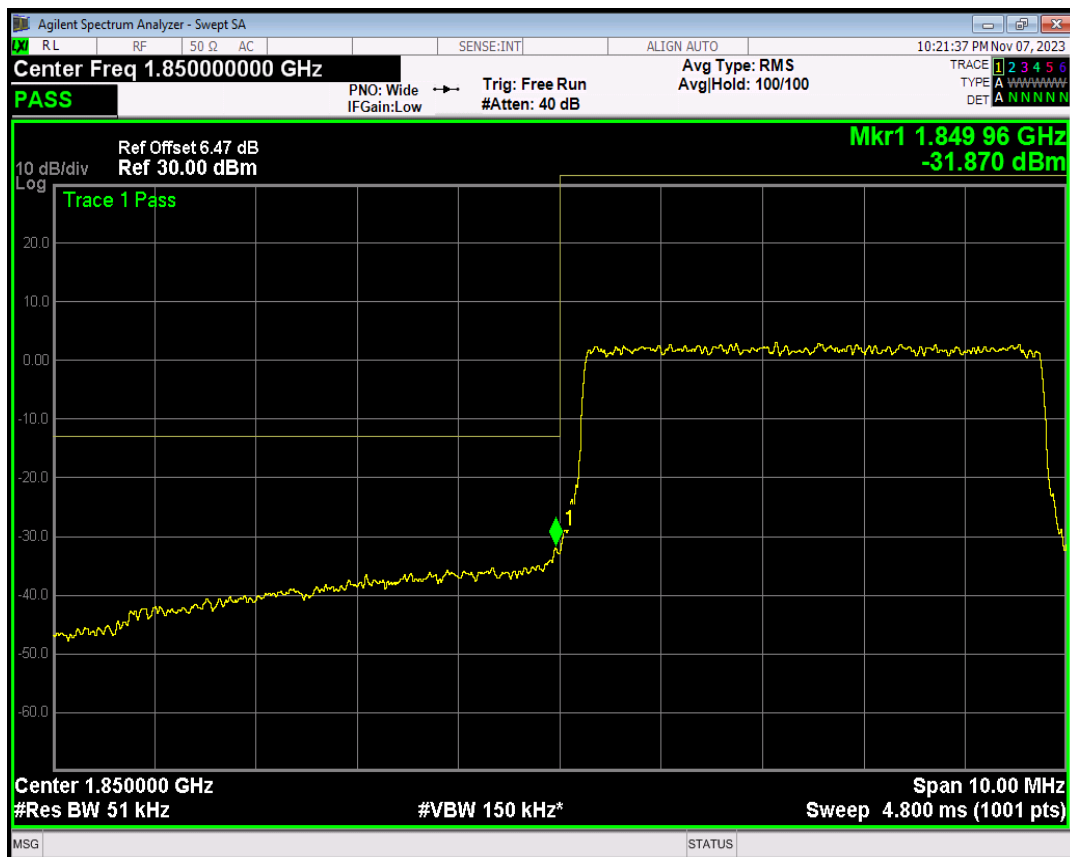




Band2 QPSK BW=5MHz Channel=18625 RB Size=25 Position=#0

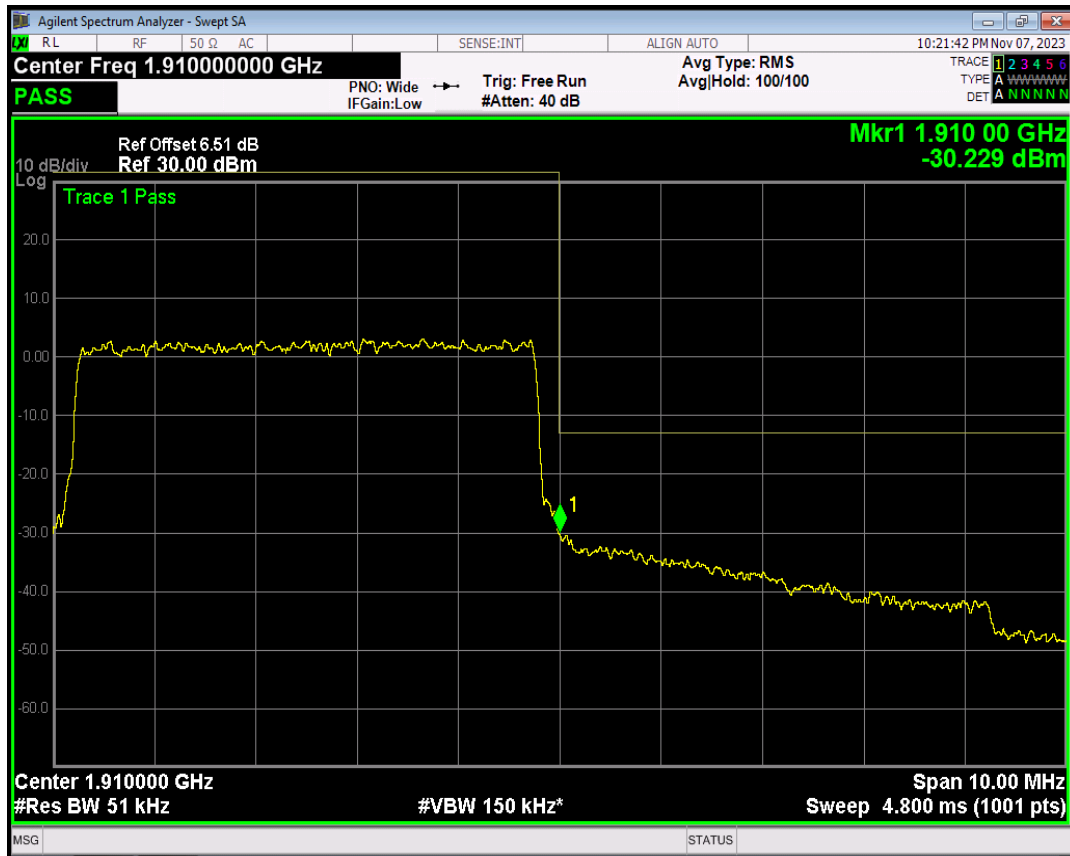


Band2 16QAM BW=5MHz Channel=18625 RB Size=25 Position=#0

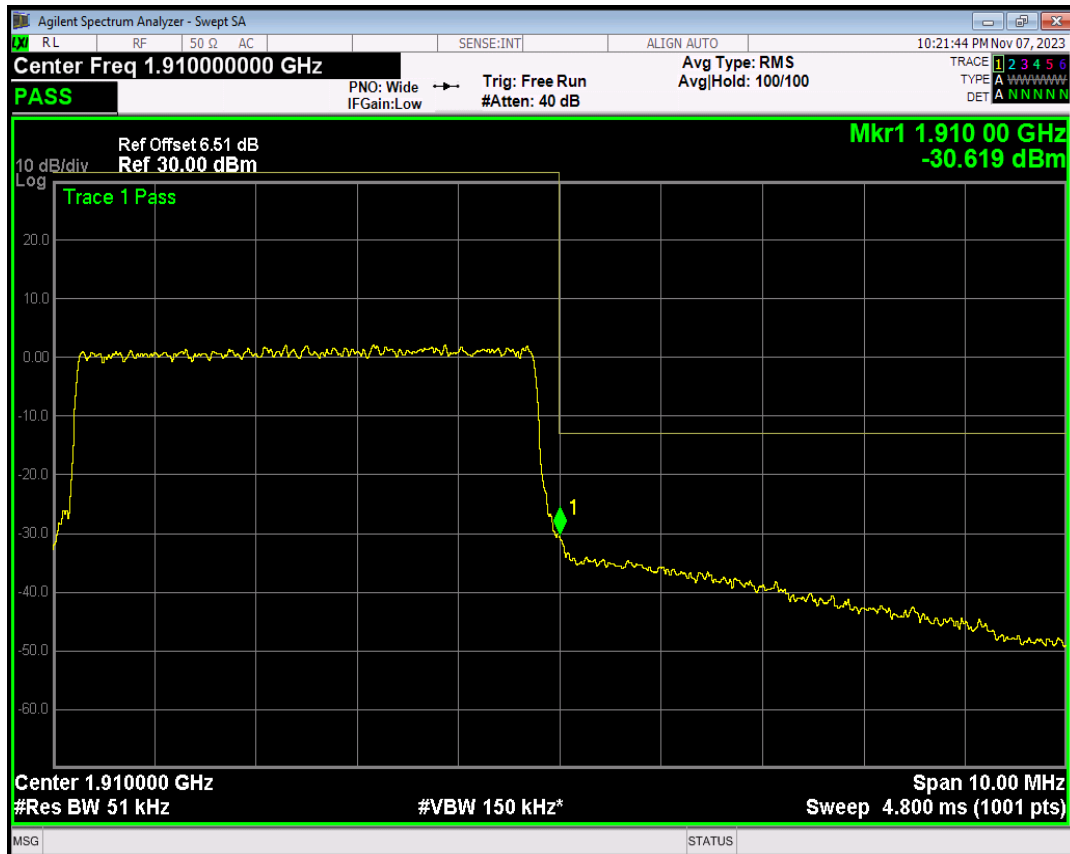




Band2 QPSK BW=5MHz Channel=19175 RB Size=25 Position=#0

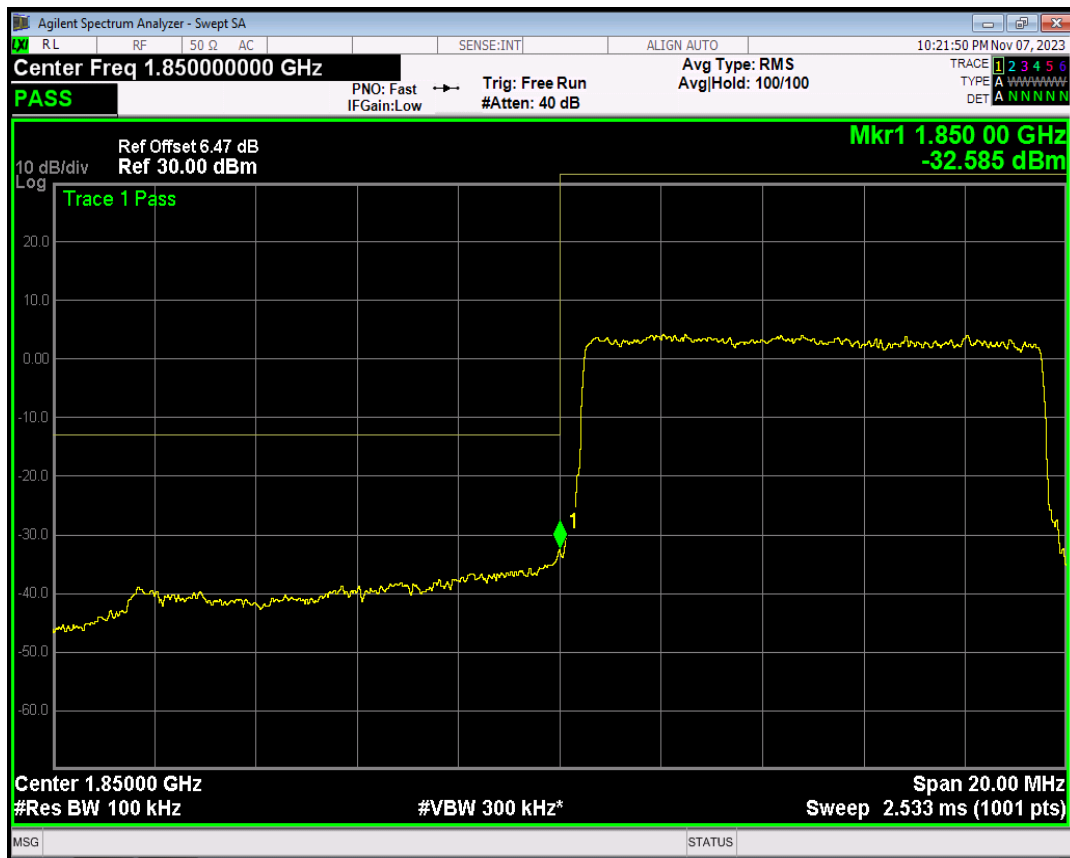


Band2 16QAM BW=5MHz Channel=19175 RB Size=25 Position=#0

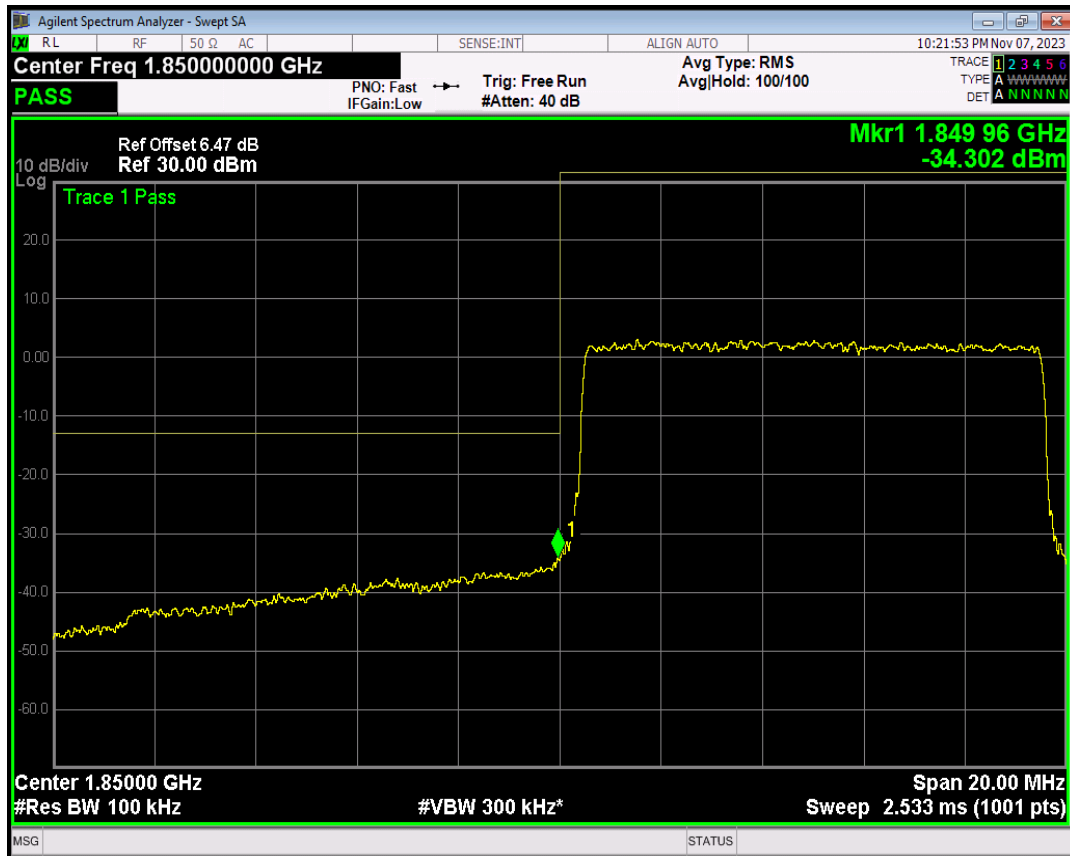




Band2 QPSK BW=10MHz Channel=18650 RB Size=50 Position=#0



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





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

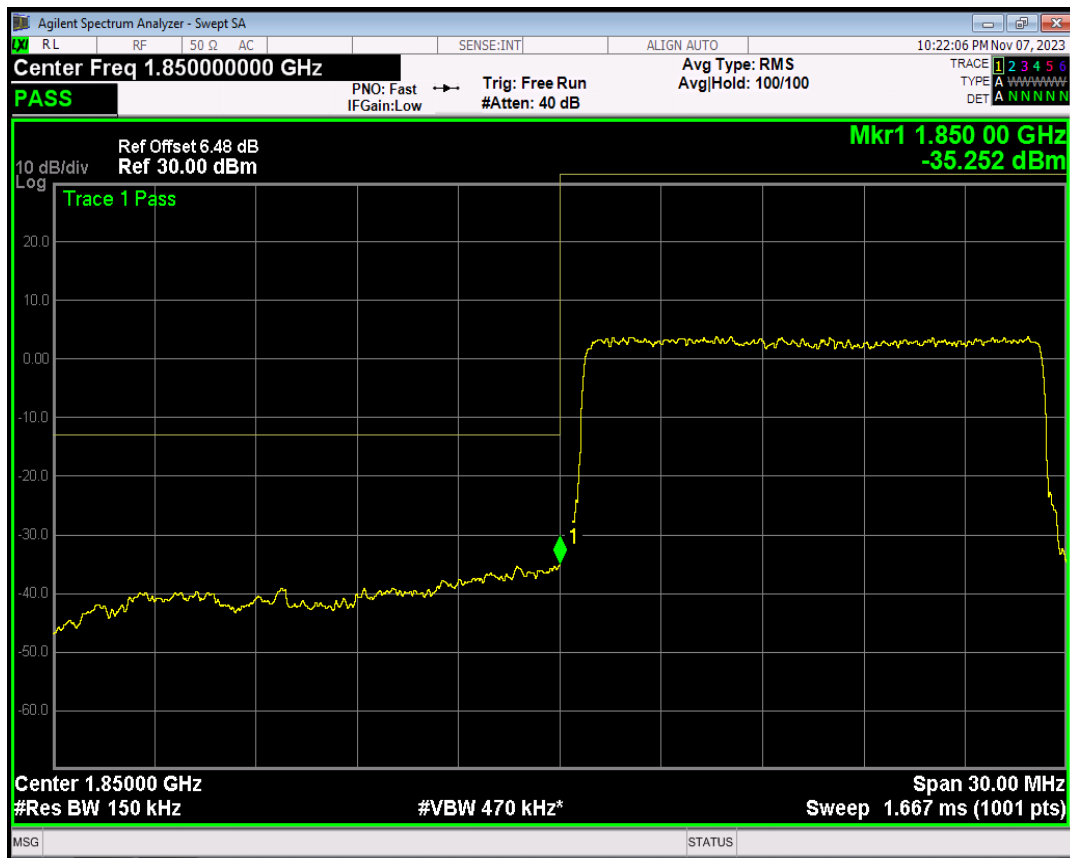


Band2 16QAM BW=10MHz Channel=19150 RB Size=50 Position=#0

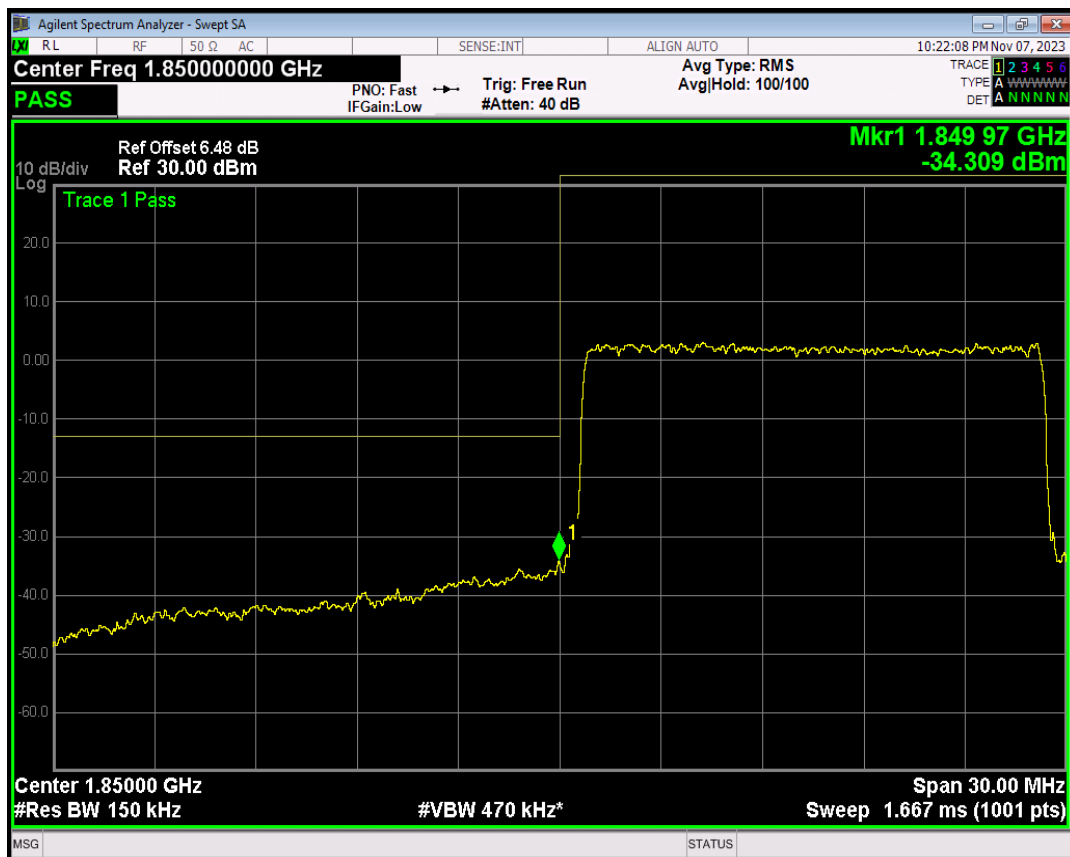




Band2 QPSK BW=15MHz Channel=18675 RB Size=75 Position=#0



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





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

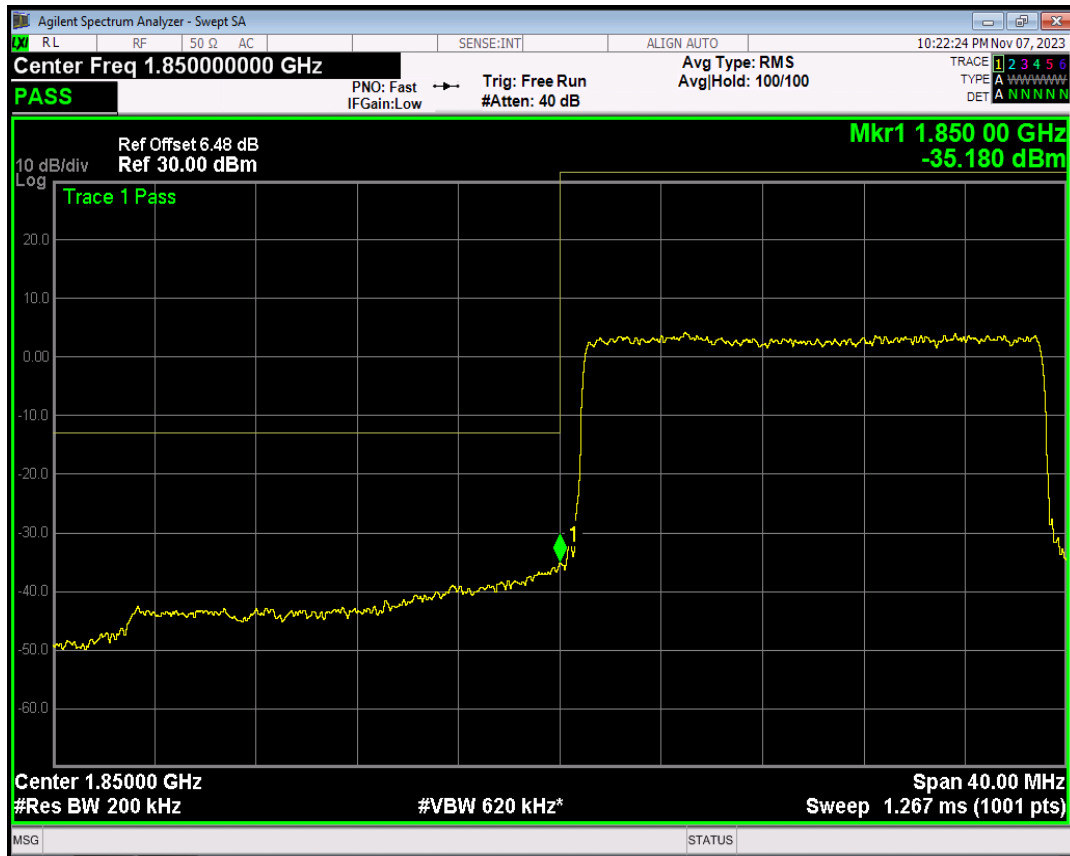


Band2 16QAM BW=15MHz Channel=19125 RB Size=75 Position=#0

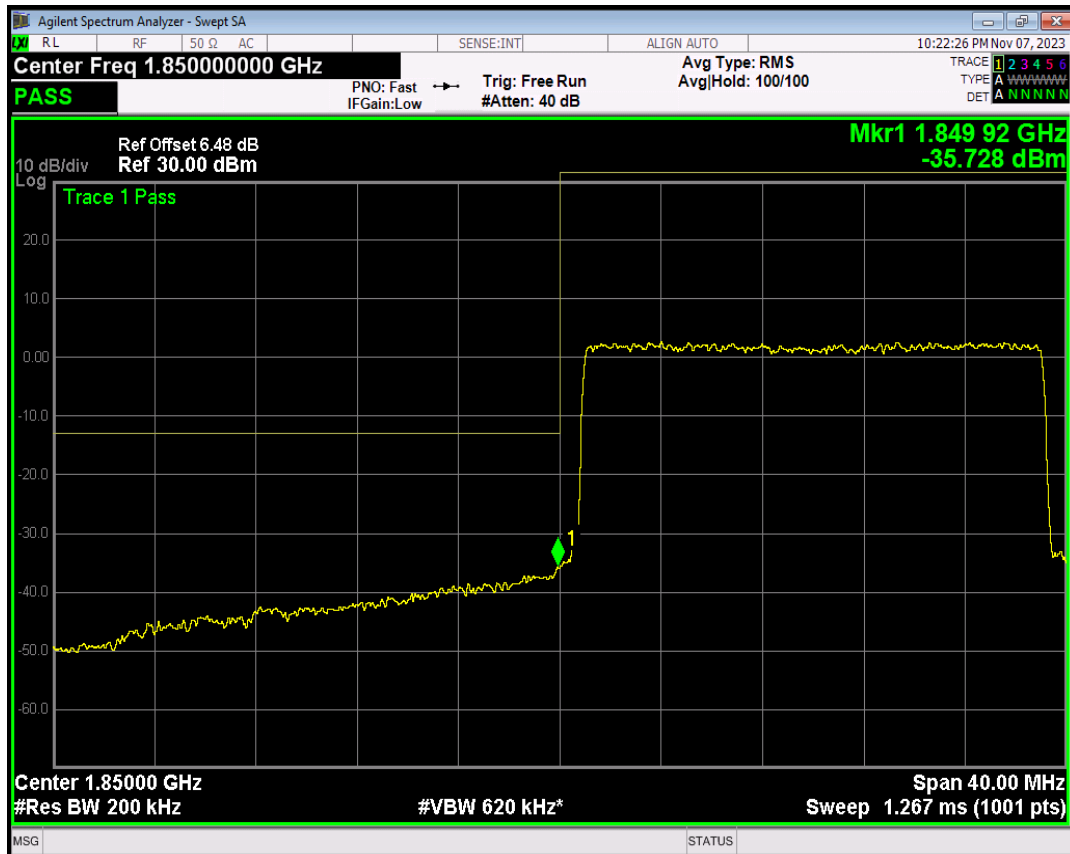




Band2 QPSK BW=20MHz Channel=18700 RB Size=100 Position=#0



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





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



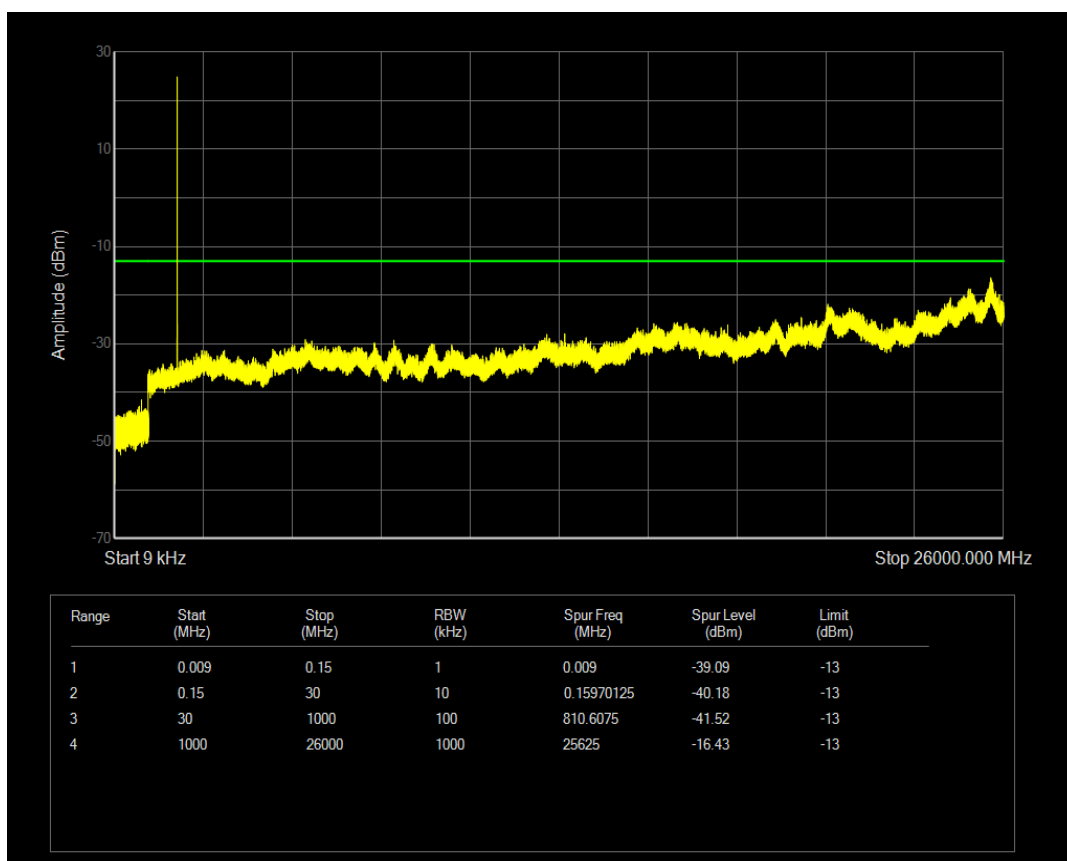
Band2 16QAM BW=20MHz Channel=19100 RB Size=100 Position=#0



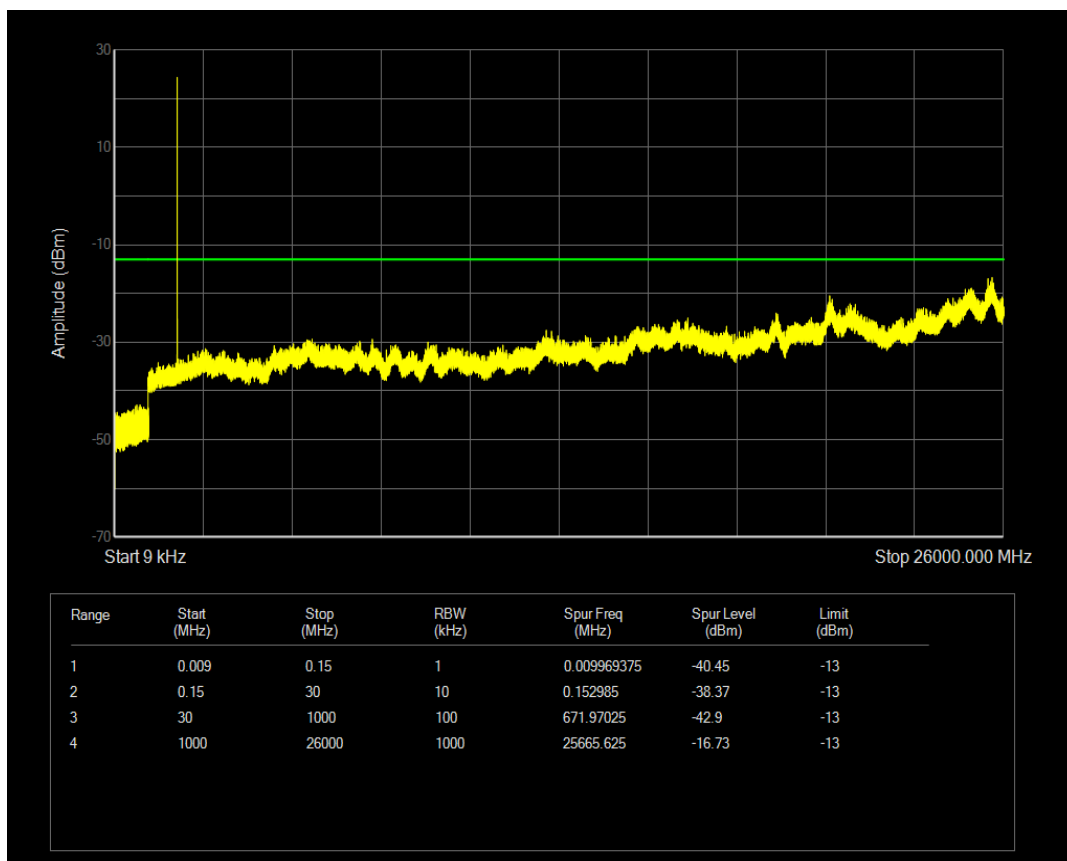
Appendix 6. Out-of-band emissions

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	25625.00	-16.43	-13	PASS
Band2	1.4	18607	6	#0	16QAM	25665.63	-16.73	-13	PASS
Band2	1.4	18900	6	#0	QPSK	25586.25	-17.83	-13	PASS
Band2	1.4	18900	6	#0	16QAM	25671.88	-17.96	-13	PASS
Band2	1.4	19193	6	#0	QPSK	25638.13	-15.70	-13	PASS
Band2	1.4	19193	6	#0	16QAM	25655.63	-16.86	-13	PASS
Band2	3	18615	15	#0	QPSK	25658.13	-17.02	-13	PASS
Band2	3	18615	15	#0	16QAM	25537.50	-18.04	-13	PASS
Band2	3	18900	15	#0	QPSK	25606.25	-17.30	-13	PASS
Band2	3	18900	15	#0	16QAM	25685.63	-17.71	-13	PASS
Band2	3	19185	15	#0	QPSK	25676.25	-17.69	-13	PASS
Band2	3	19185	15	#0	16QAM	25699.38	-17.78	-13	PASS
Band2	5	18625	25	#0	QPSK	25653.13	-17.29	-13	PASS
Band2	5	18625	25	#0	16QAM	25595.00	-17.44	-13	PASS
Band2	5	18900	25	#0	QPSK	25628.13	-17.38	-13	PASS
Band2	5	18900	25	#0	16QAM	25622.50	-17.20	-13	PASS
Band2	5	19175	25	#0	QPSK	25572.50	-17.37	-13	PASS
Band2	5	19175	25	#0	16QAM	25647.50	-17.19	-13	PASS
Band2	10	18650	50	#0	QPSK	25612.50	-17.39	-13	PASS
Band2	10	18650	50	#0	16QAM	25645.63	-17.48	-13	PASS
Band2	10	18900	50	#0	QPSK	25626.88	-17.10	-13	PASS
Band2	10	18900	50	#0	16QAM	25654.38	-16.98	-13	PASS
Band2	10	19150	50	#0	QPSK	25621.25	-17.91	-13	PASS
Band2	10	19150	50	#0	16QAM	25697.50	-17.70	-13	PASS
Band2	15	18675	75	#0	QPSK	25717.50	-17.17	-13	PASS
Band2	15	18675	75	#0	16QAM	25708.75	-17.07	-13	PASS
Band2	15	18900	75	#0	QPSK	25670.00	-17.41	-13	PASS
Band2	15	18900	75	#0	16QAM	25665.63	-16.85	-13	PASS
Band2	15	19125	75	#0	QPSK	25641.88	-16.58	-13	PASS
Band2	15	19125	75	#0	16QAM	25661.88	-16.46	-13	PASS
Band2	20	18700	100	#0	QPSK	25625.63	-16.85	-13	PASS
Band2	20	18700	100	#0	16QAM	25627.50	-17.56	-13	PASS
Band2	20	18900	100	#0	QPSK	25608.75	-17.30	-13	PASS
Band2	20	18900	100	#0	16QAM	25646.25	-17.07	-13	PASS
Band2	20	19100	100	#0	QPSK	25591.25	-16.97	-13	PASS
Band2	20	19100	100	#0	16QAM	25593.75	-17.26	-13	PASS

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

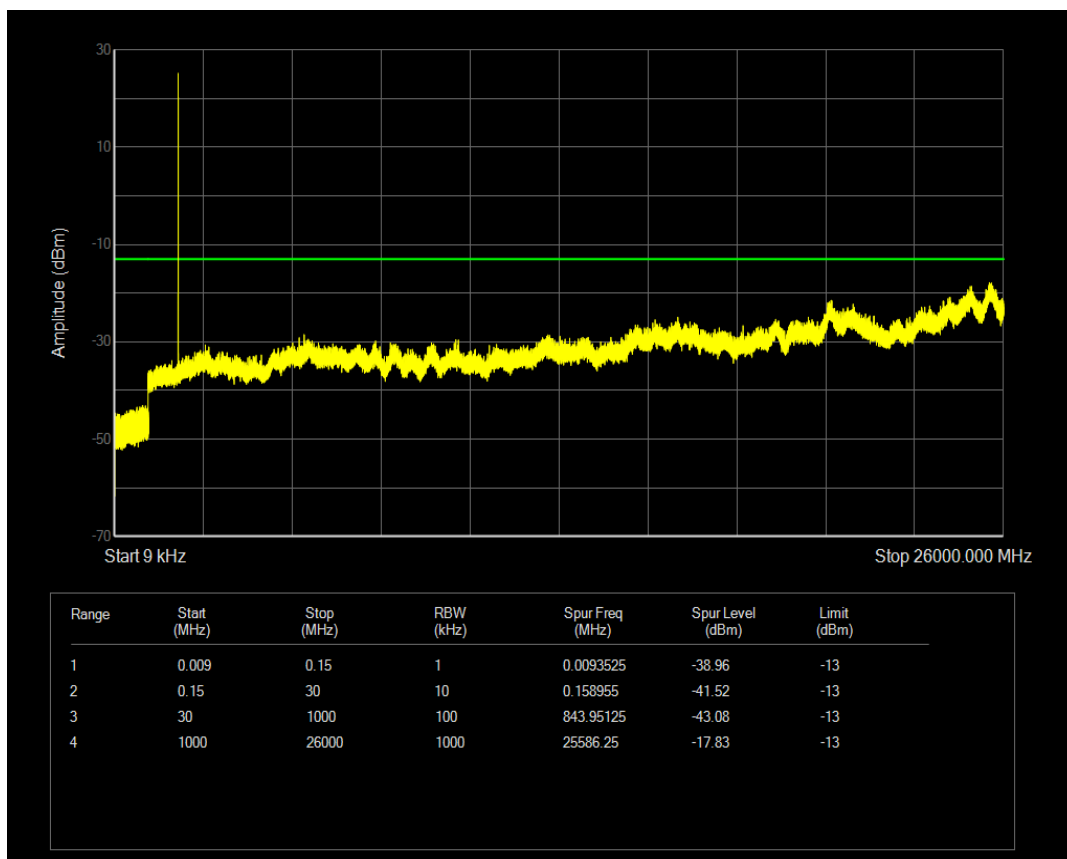


Band2 16QAM BW=1.4MHz Channel=18607 RB Size=6 Position=#0

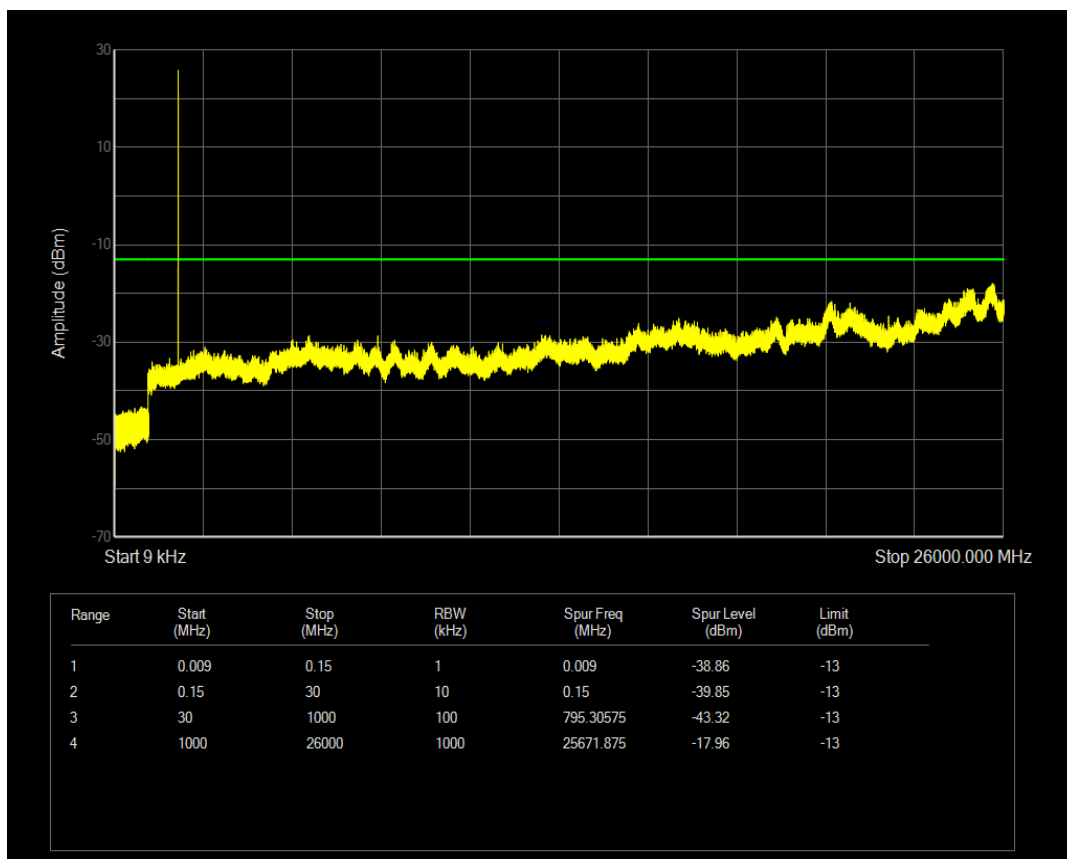




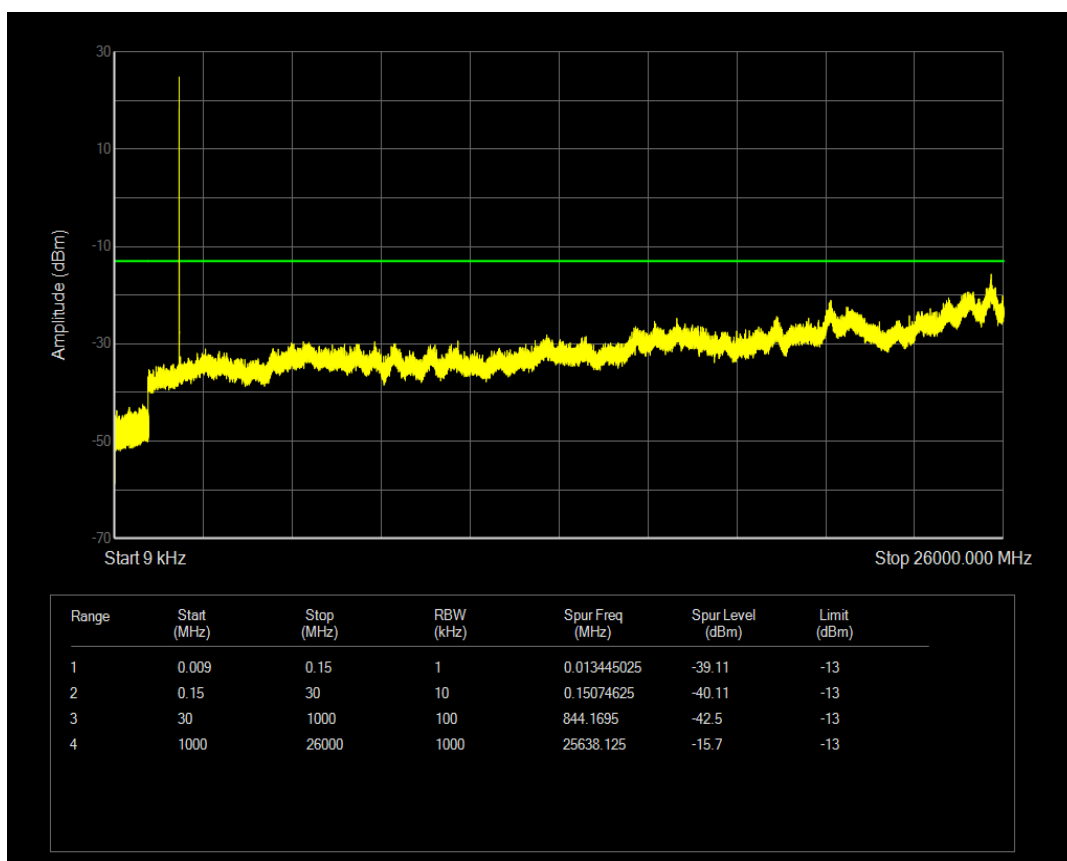
Band2 QPSK BW=1.4MHz Channel=18900 RB Size=6 Position=#0



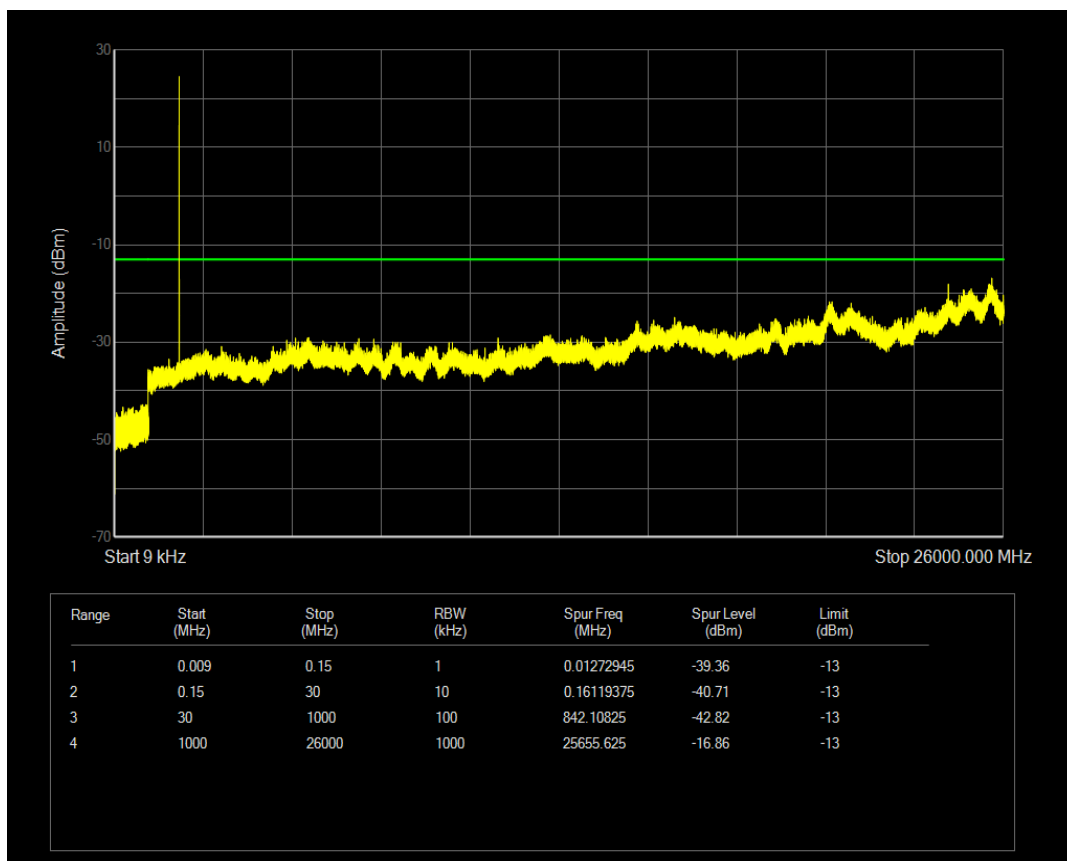
Band2 16QAM BW=1.4MHz Channel=18900 RB Size=6 Position=#0



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

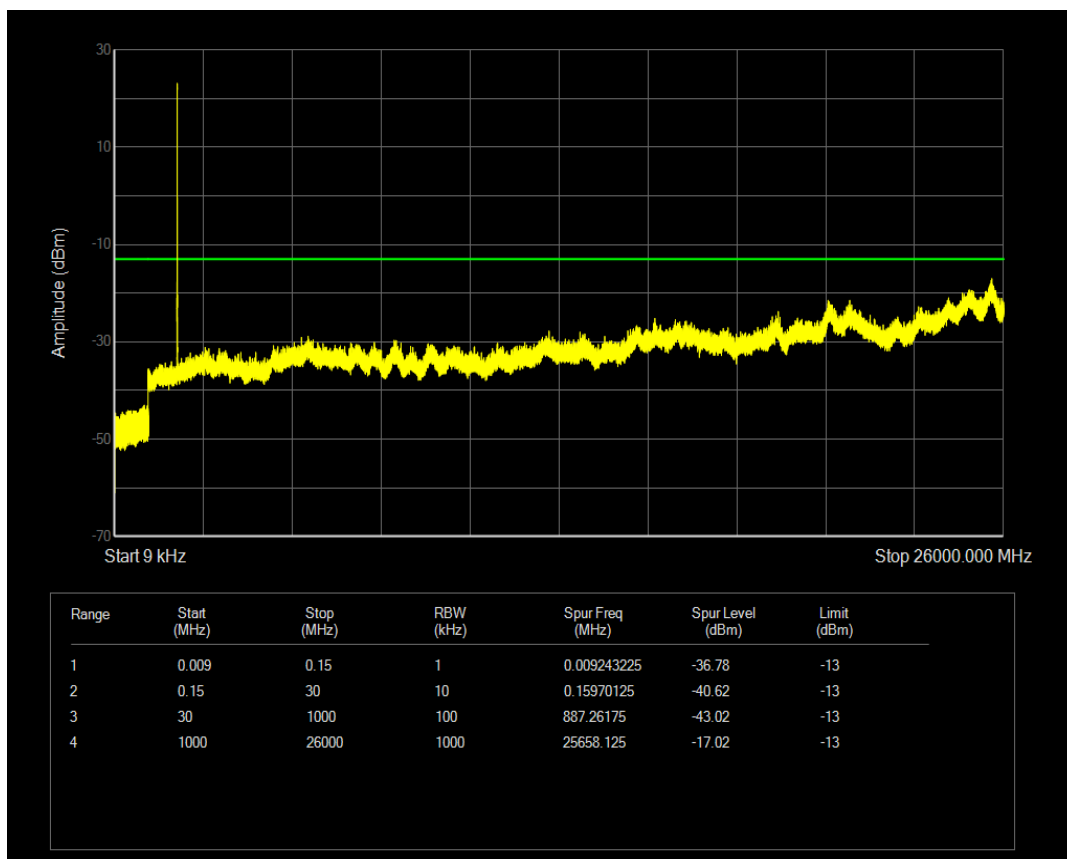


Band2 16QAM BW=1.4MHz Channel=19193 RB Size=6 Position=#0

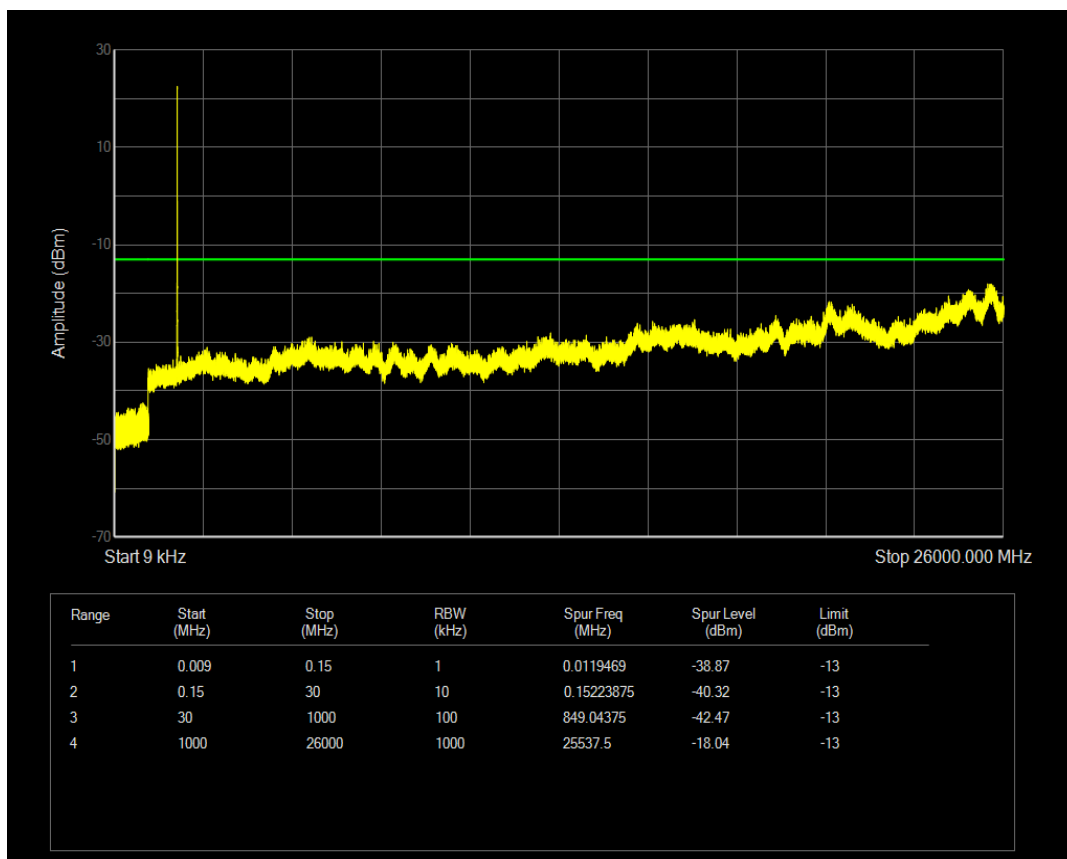




Band2 QPSK BW=3MHz Channel=18615 RB Size=15 Position=#0

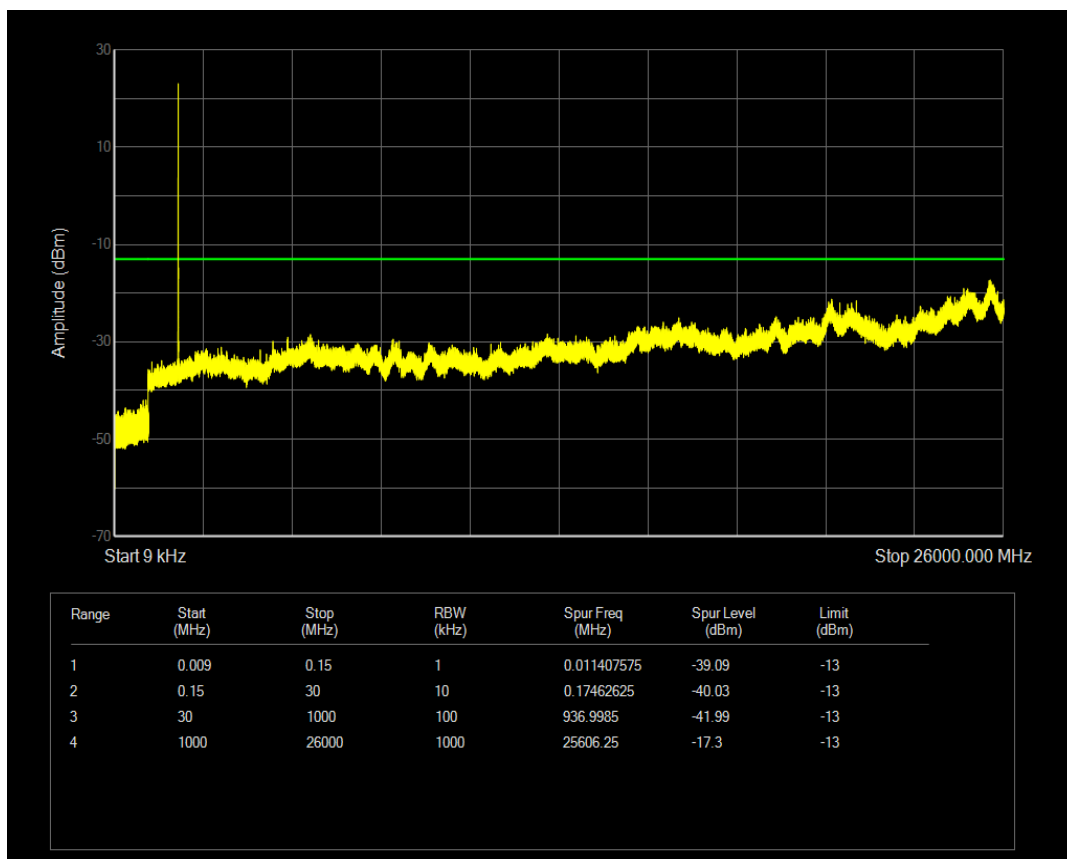


Band2 16QAM BW=3MHz Channel=18615 RB Size=15 Position=#0

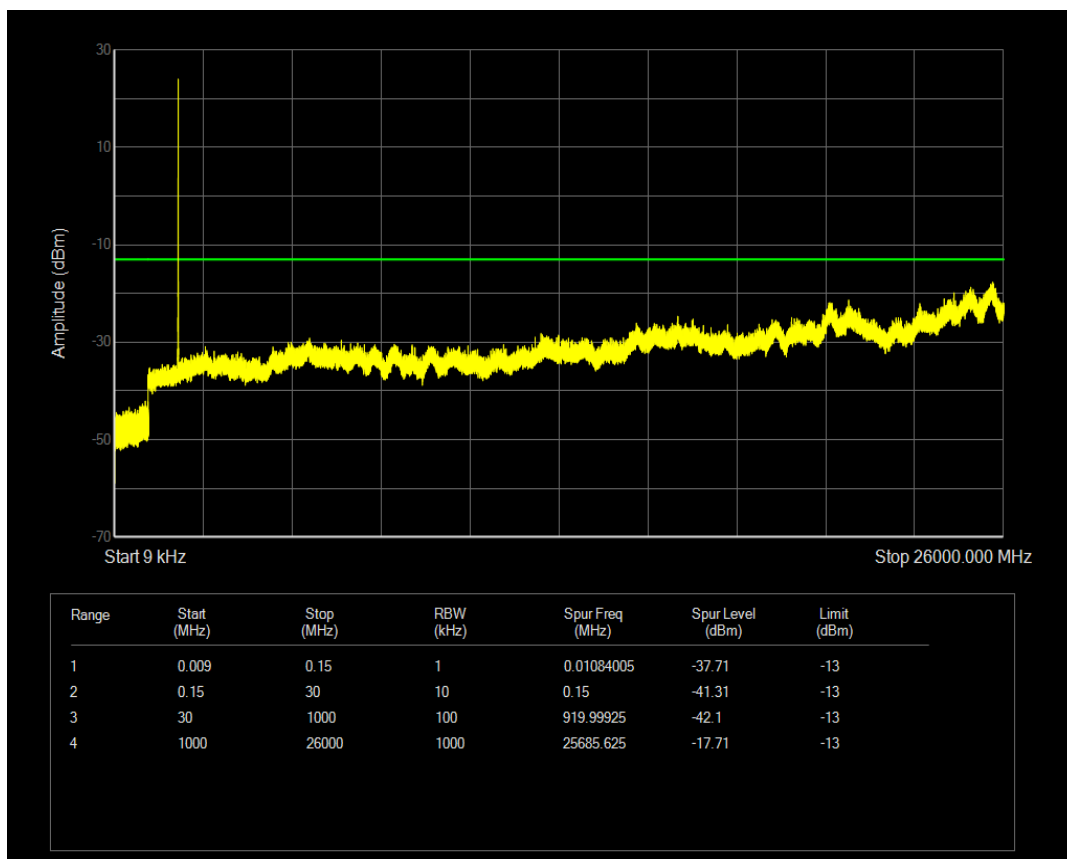




Band2 QPSK BW=3MHz Channel=18900 RB Size=15 Position=#0

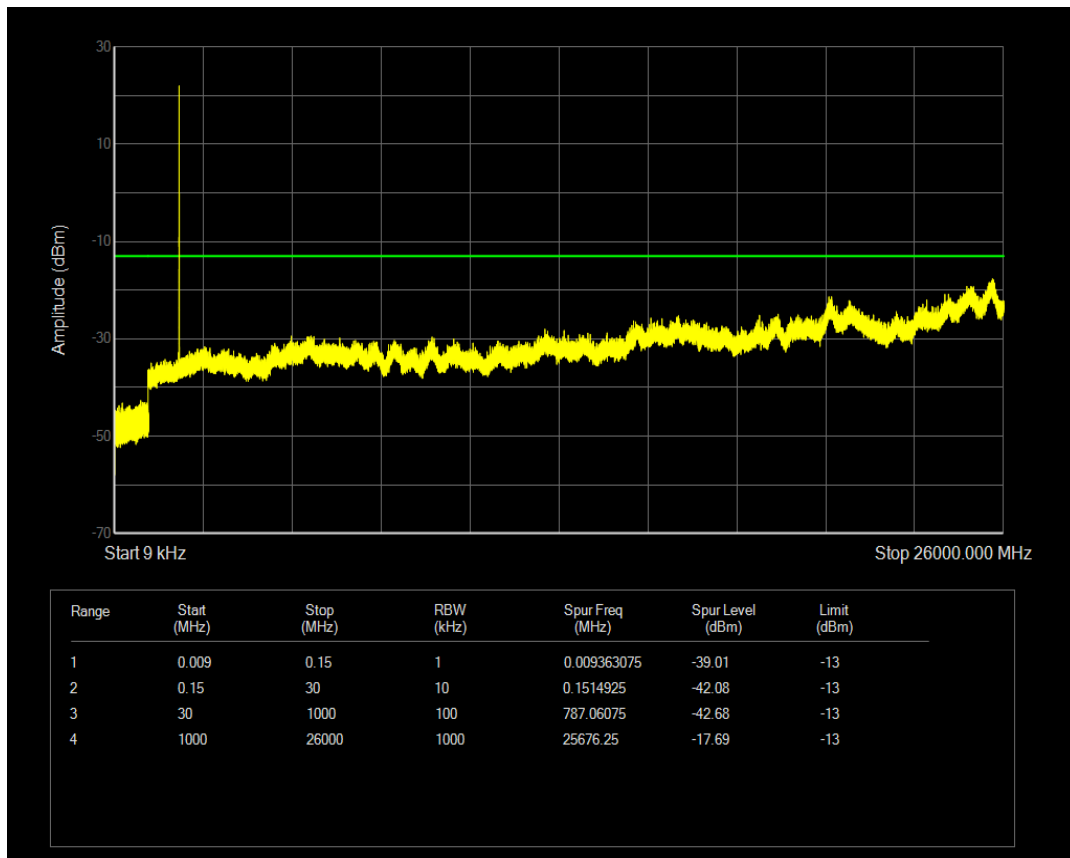


Band2 16QAM BW=3MHz Channel=18900 RB Size=15 Position=#0

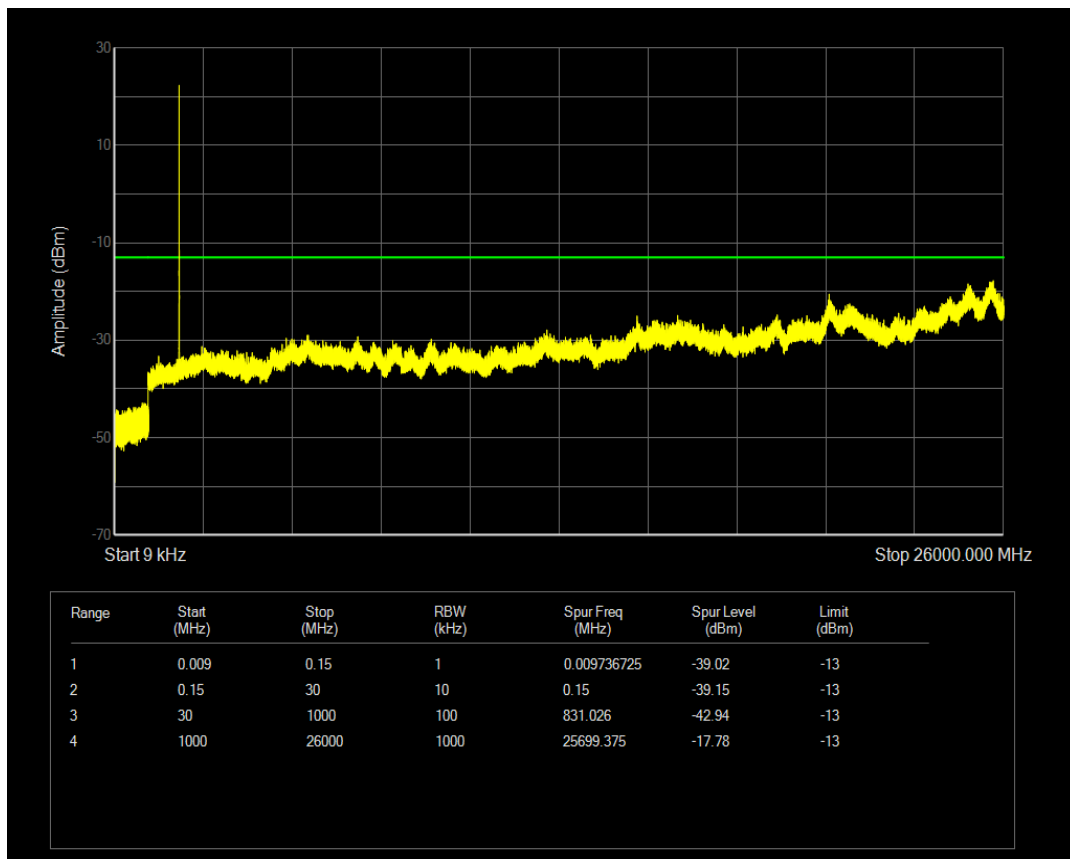




Band2 QPSK BW=3MHz Channel=19185 RB Size=15 Position=#0

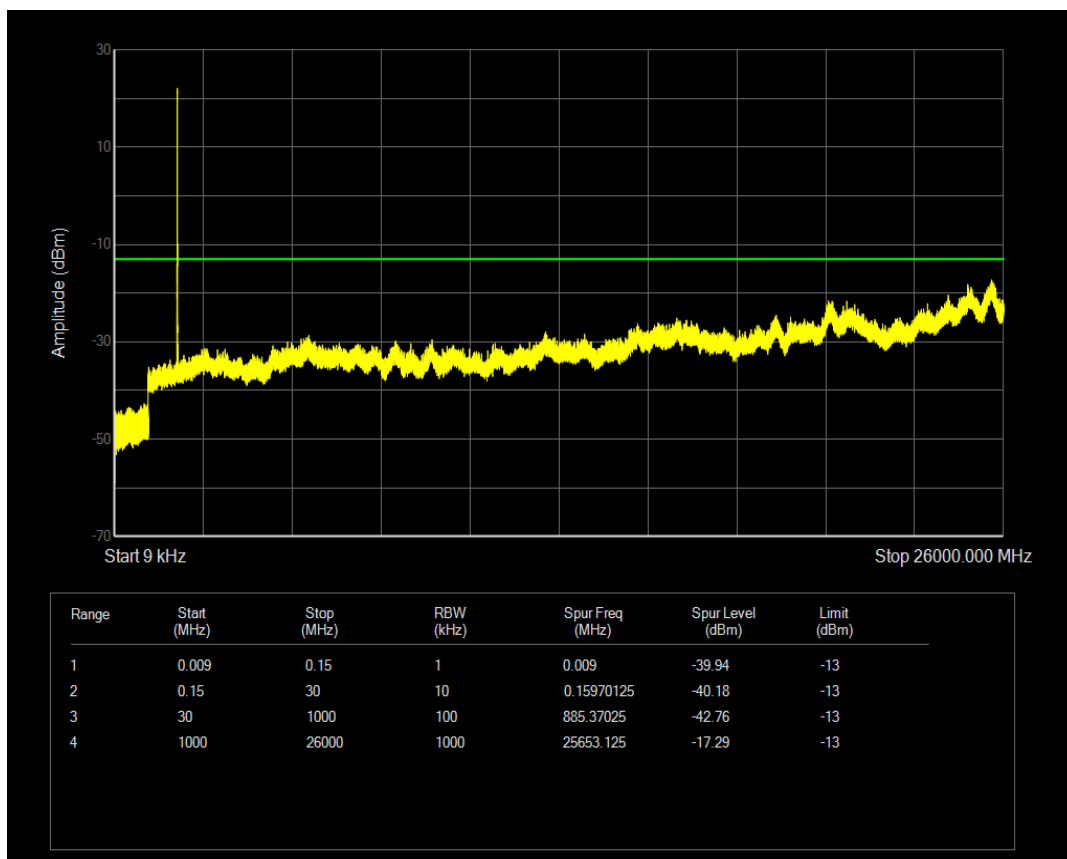


Band2 16QAM BW=3MHz Channel=19185 RB Size=15 Position=#0

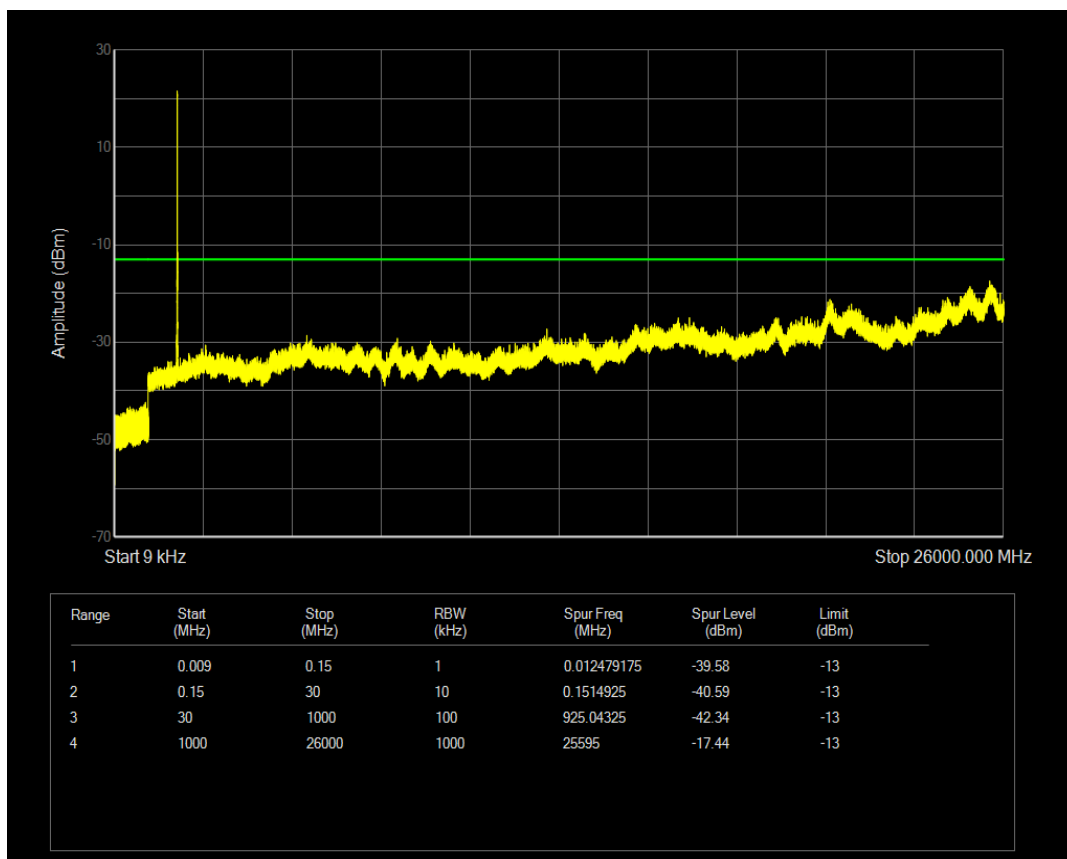




Band2 QPSK BW=5MHz Channel=18625 RB Size=25 Position=#0

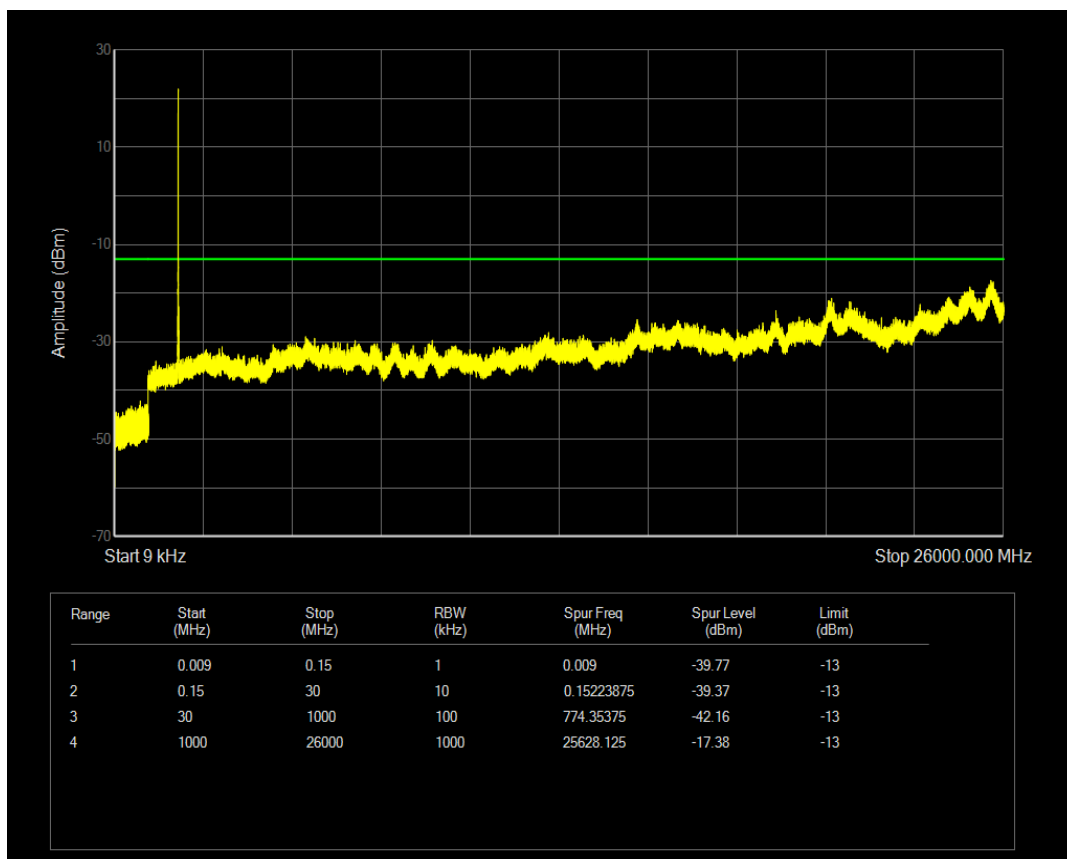


Band2 16QAM BW=5MHz Channel=18625 RB Size=25 Position=#0

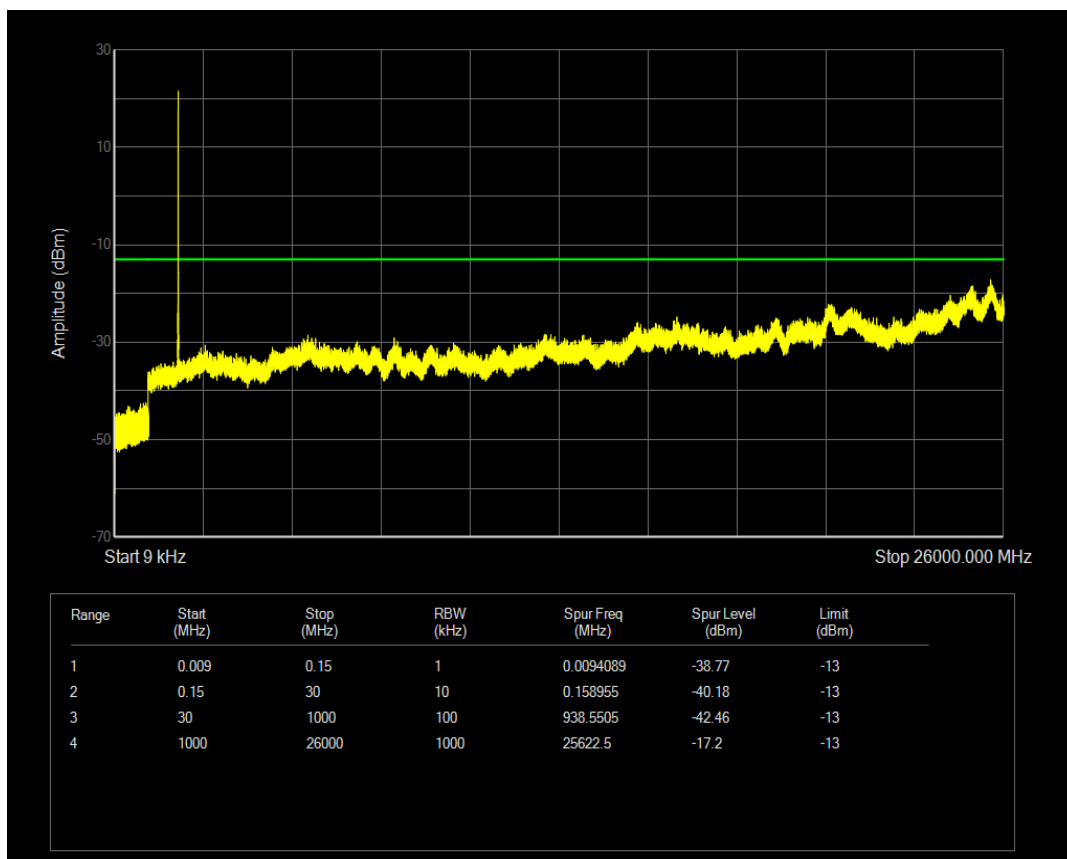




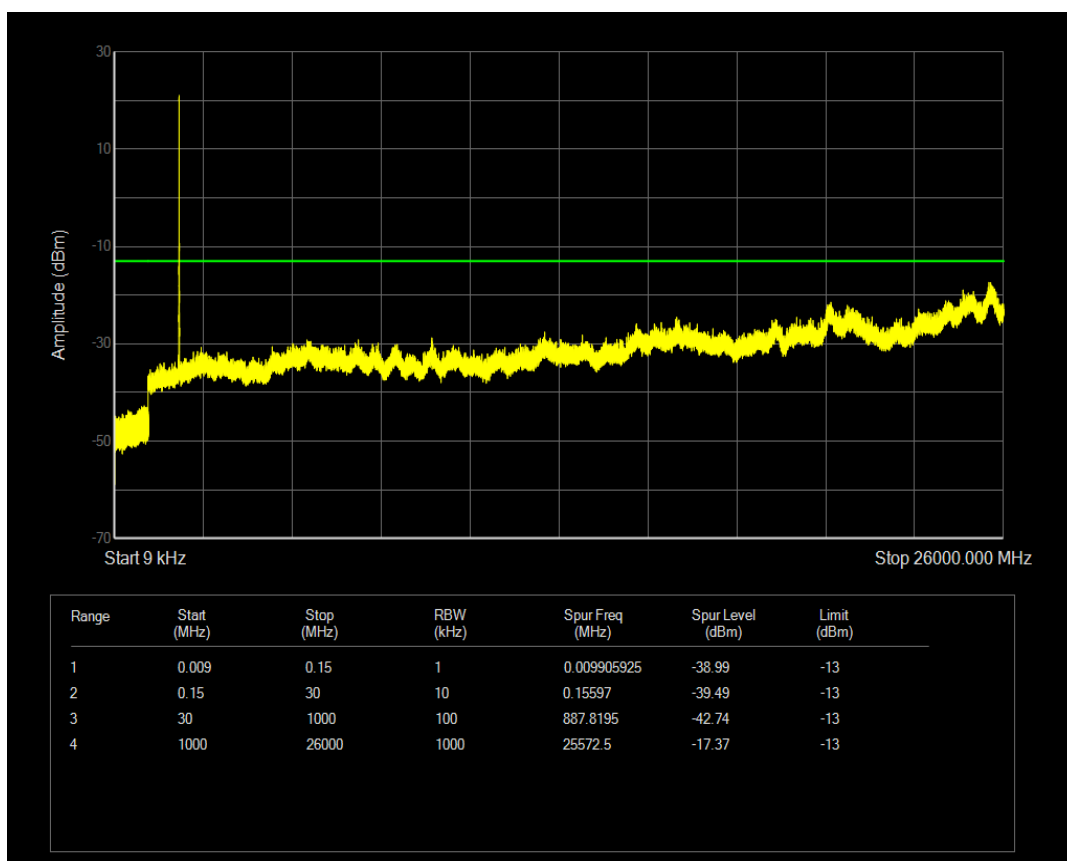
Band2 QPSK BW=5MHz Channel=18900 RB Size=25 Position=#0



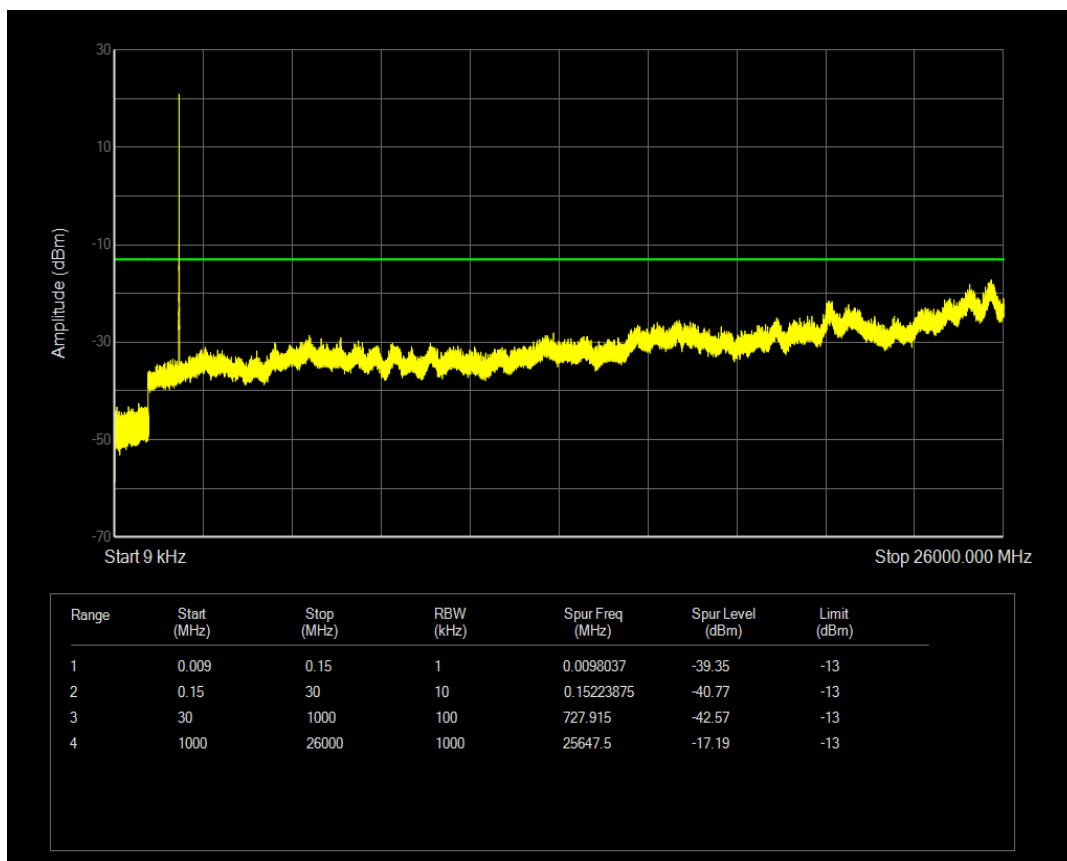
Band2 16QAM BW=5MHz Channel=18900 RB Size=25 Position=#0



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

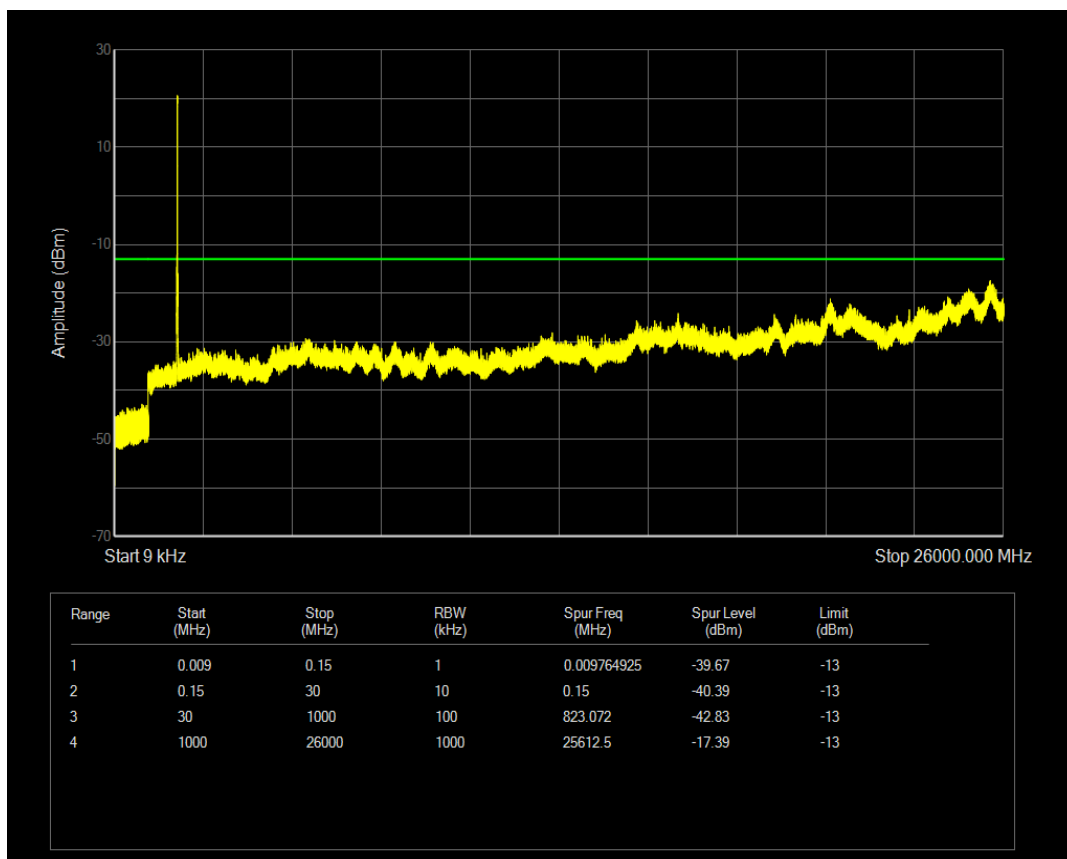


Band2 16QAM BW=5MHz Channel=19175 RB Size=25 Position=#0





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



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

