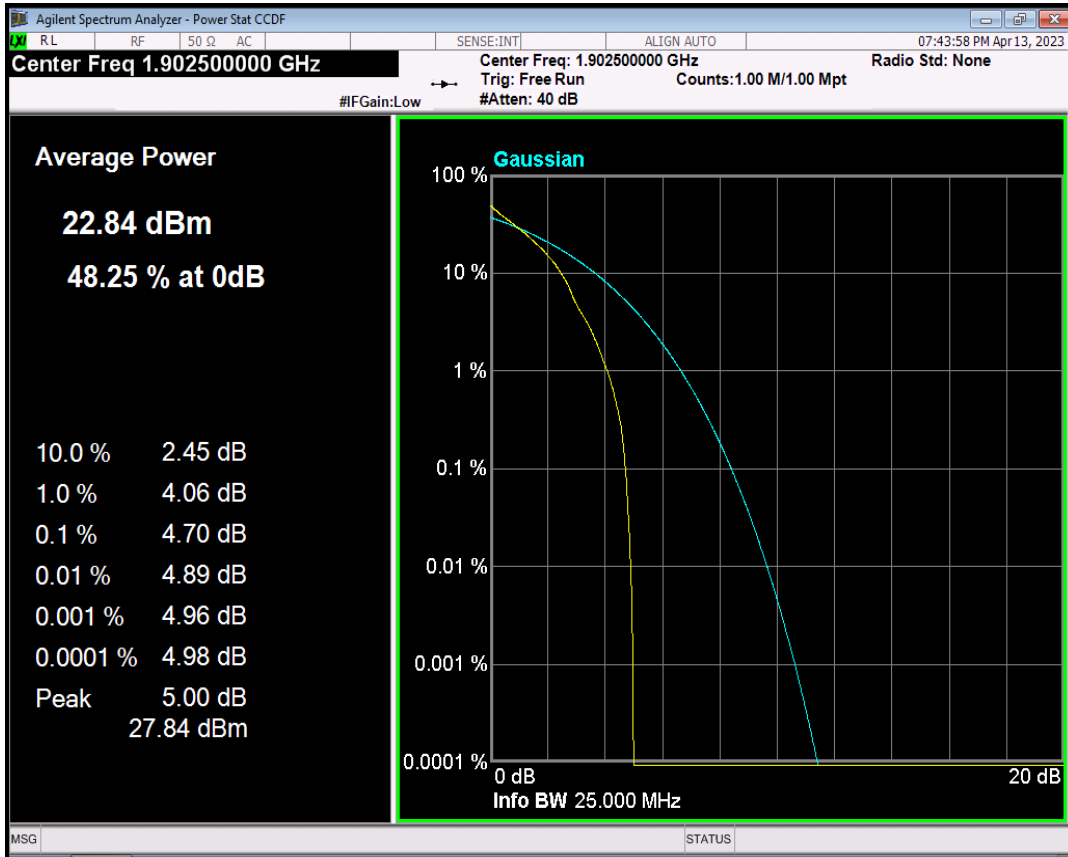
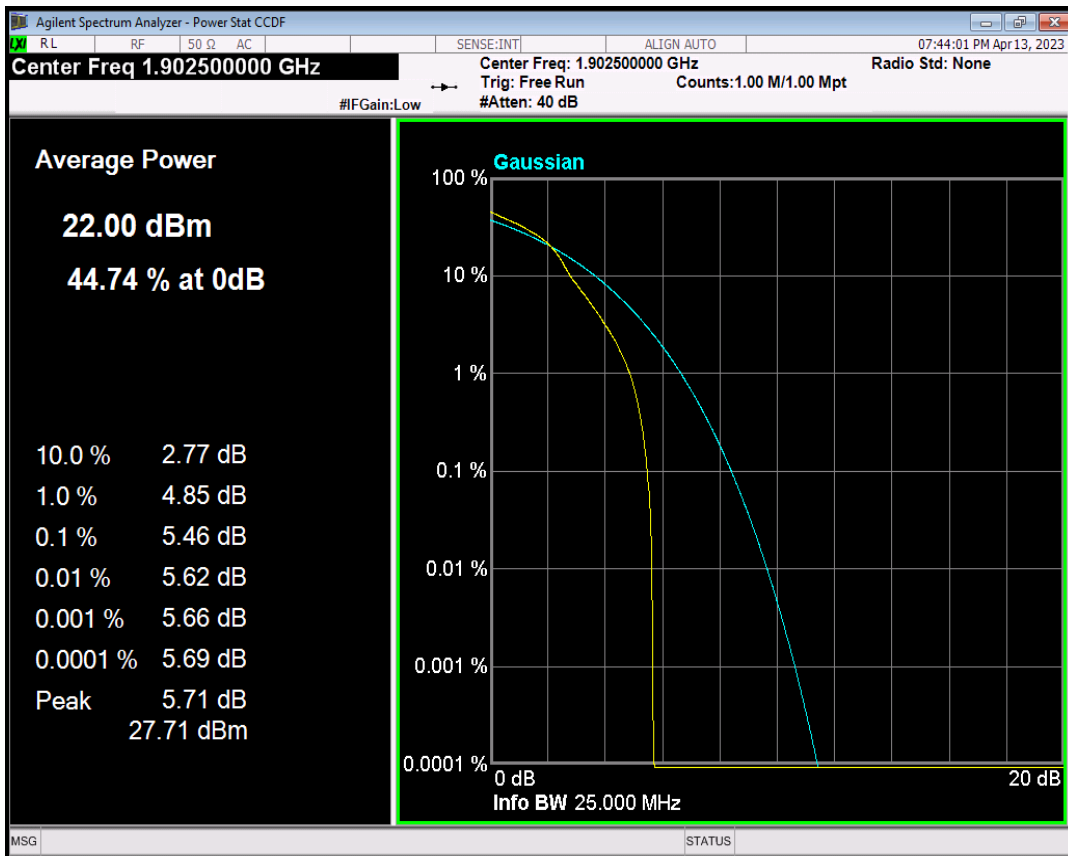
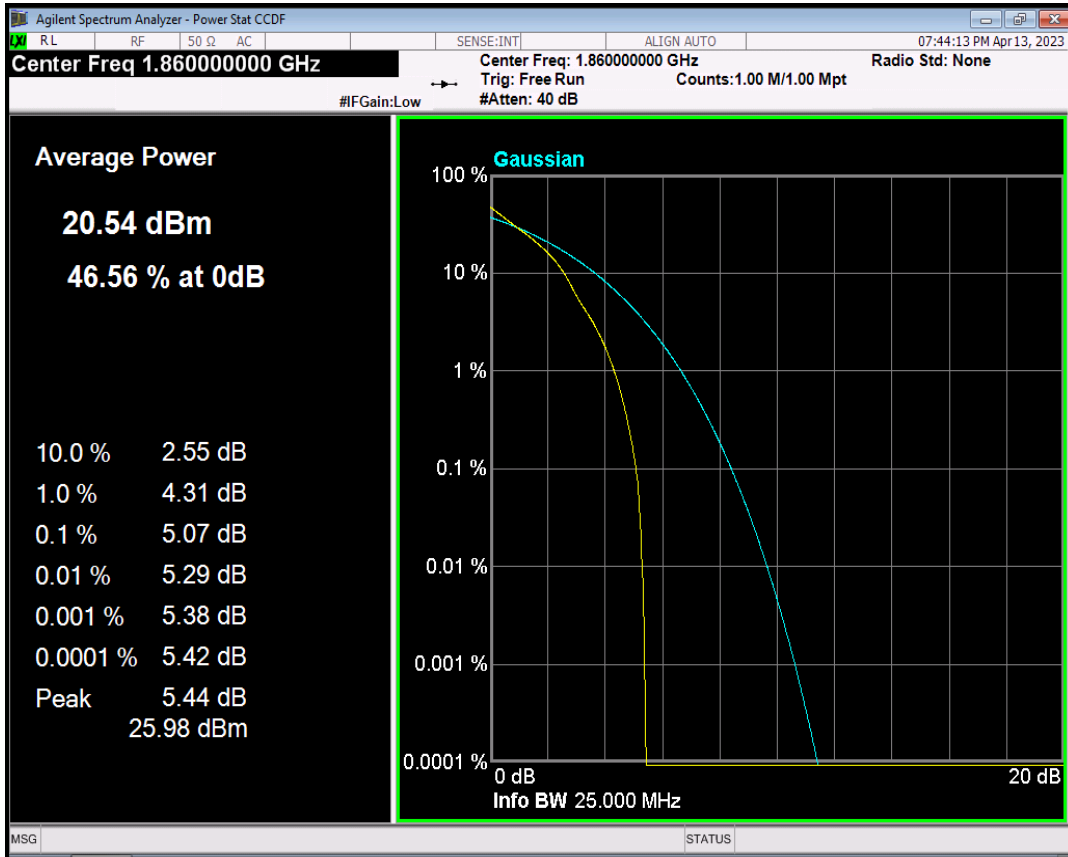




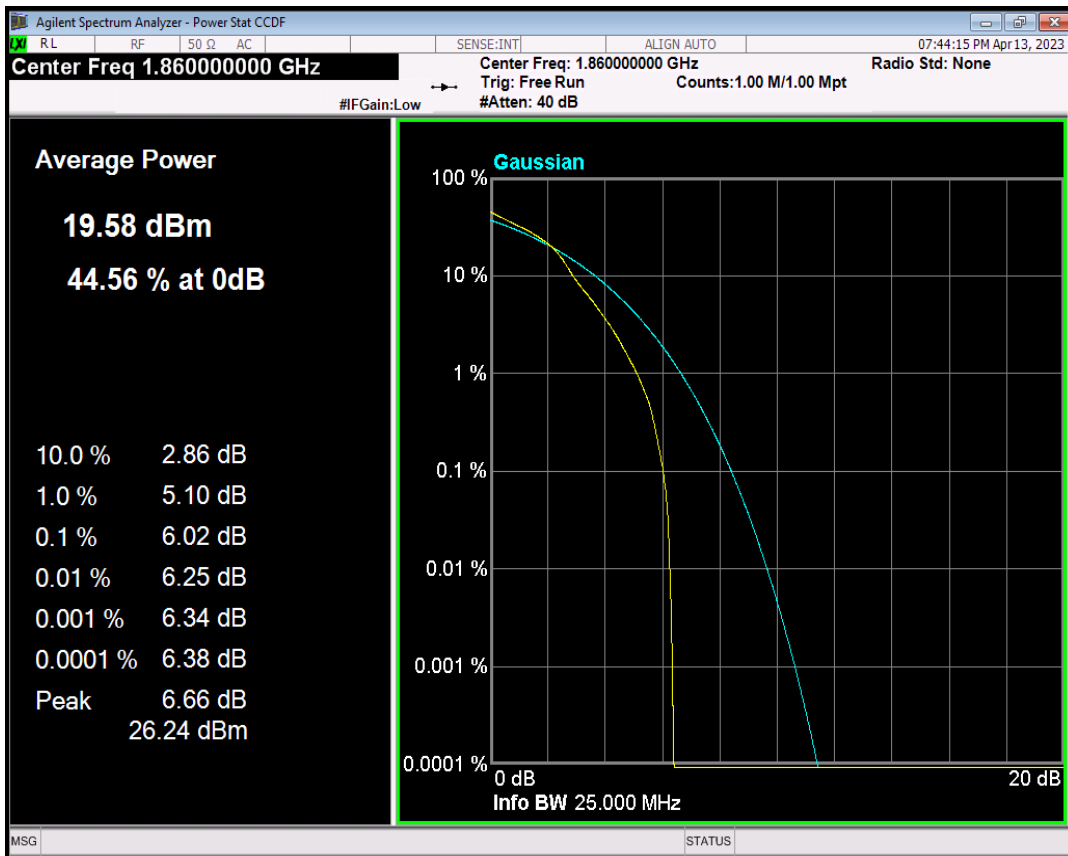
Band2 QAM16 BW=15MHz Channel=19125 RB Size=1 Position=#0



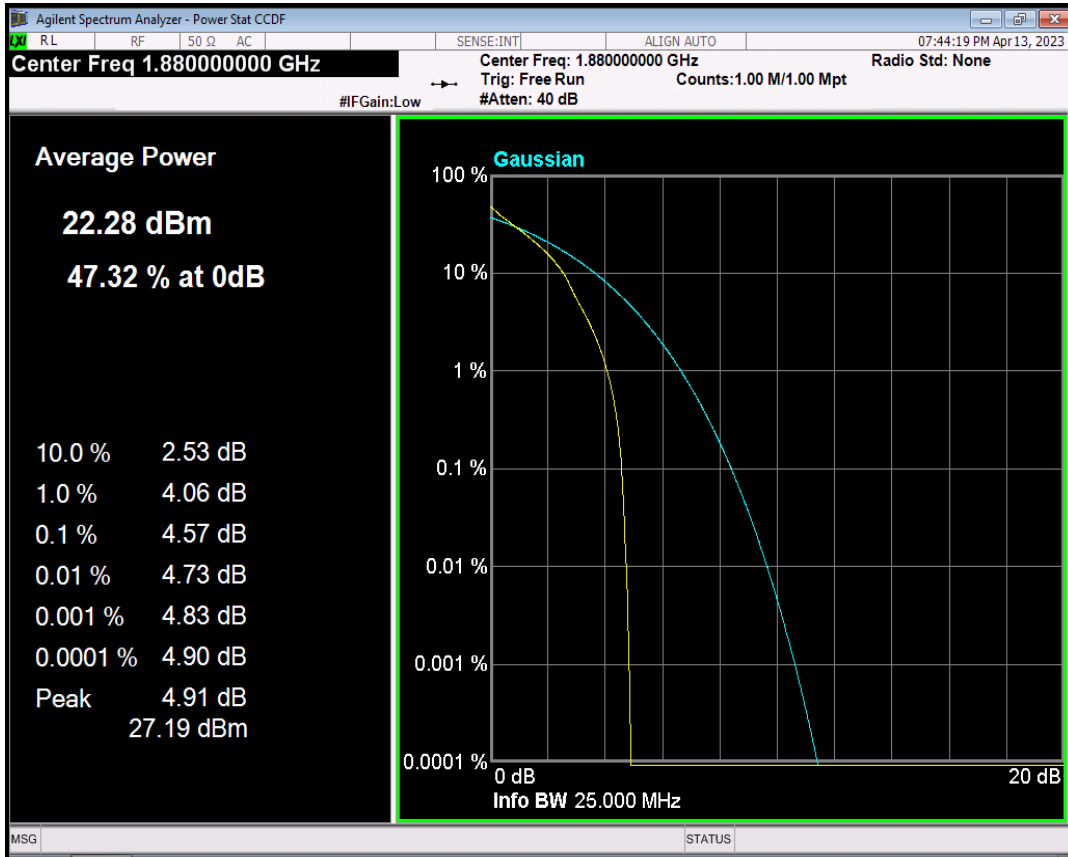
Band2 QPSK BW=20MHz Channel=18700 RB Size=1 Position=#0



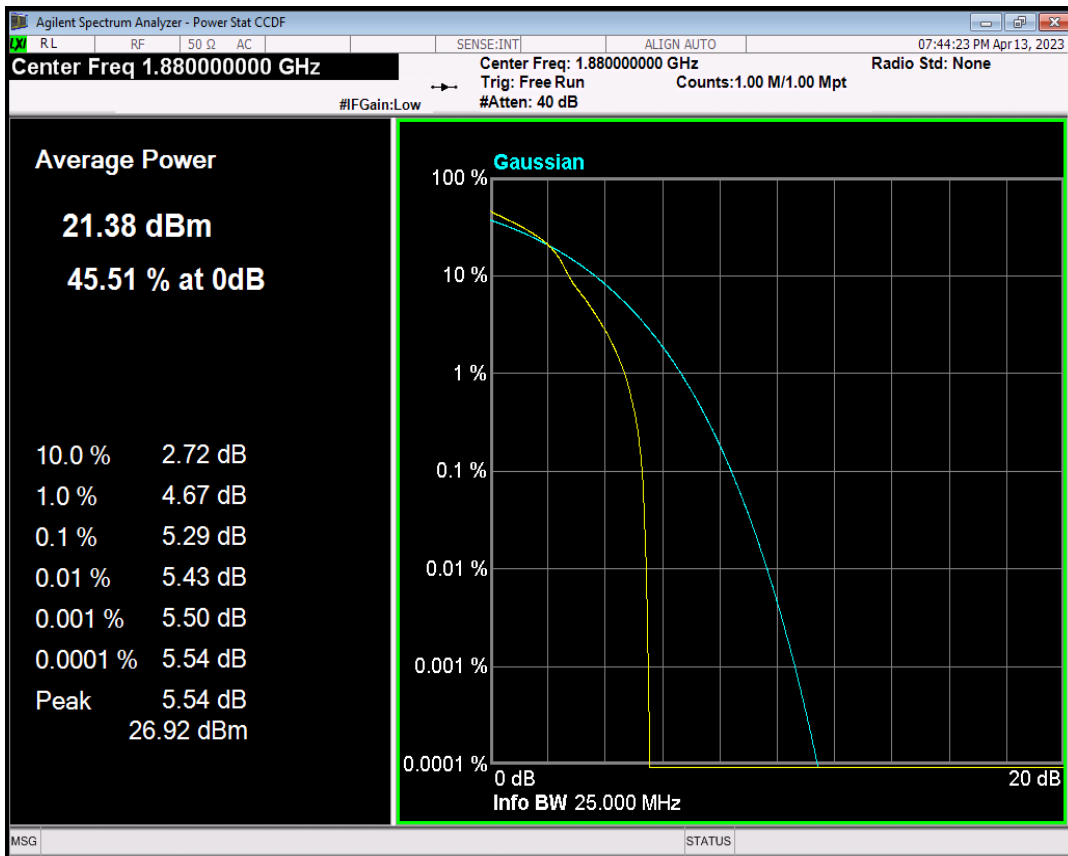
Band2 QAM16 BW=20MHz Channel=18700 RB Size=1 Position=#0



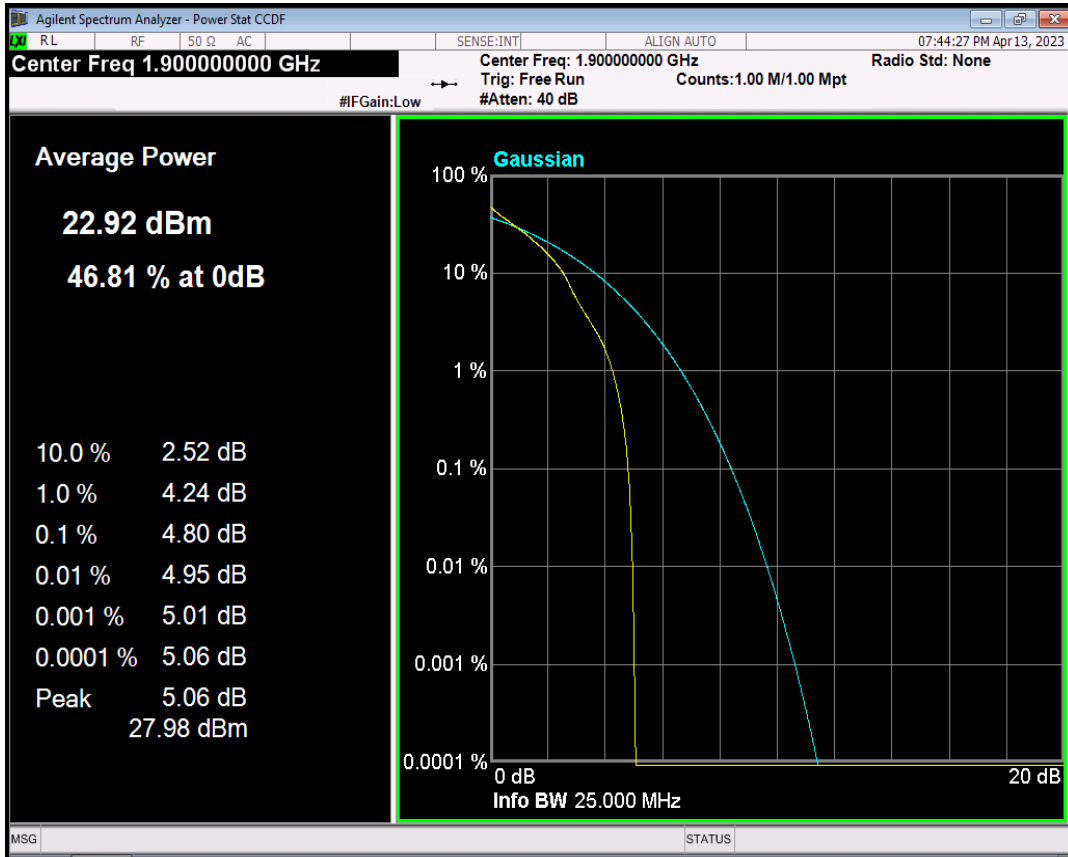
Band2 QPSK BW=20MHz Channel=18900 RB Size=1 Position=#0



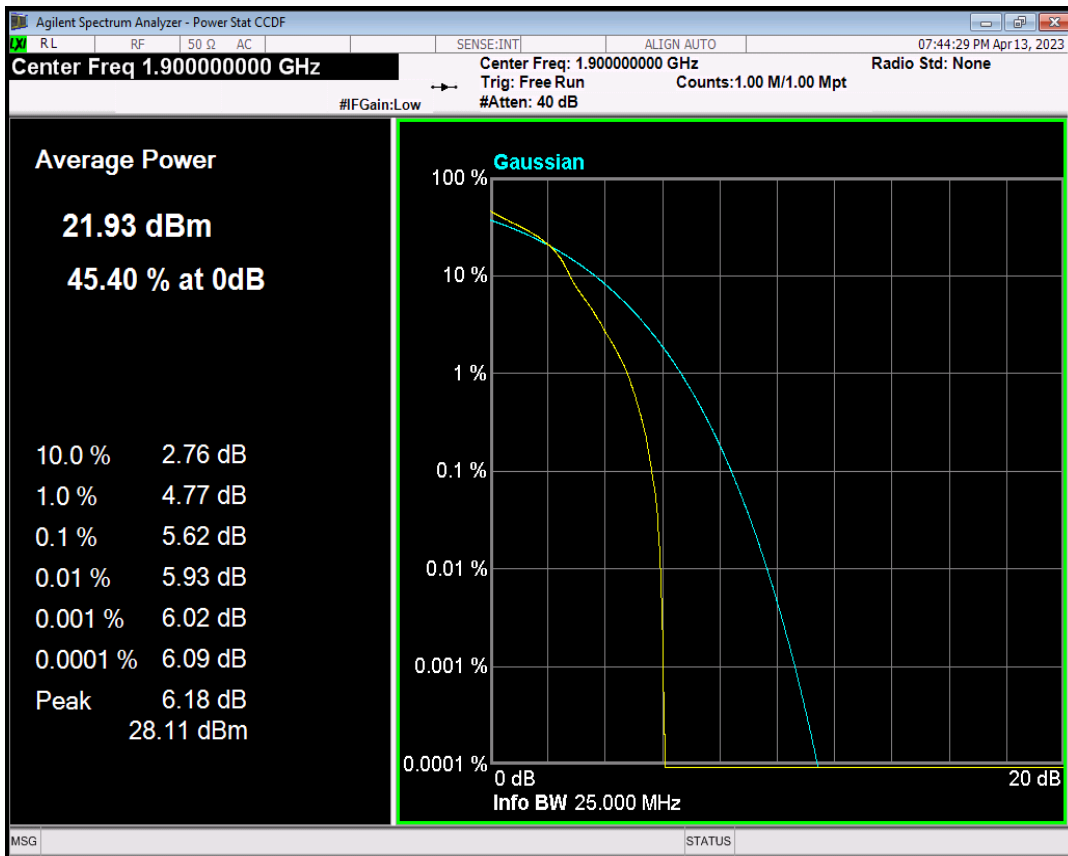
Band2 QAM16 BW=20MHz Channel=18900 RB Size=1 Position=#0



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



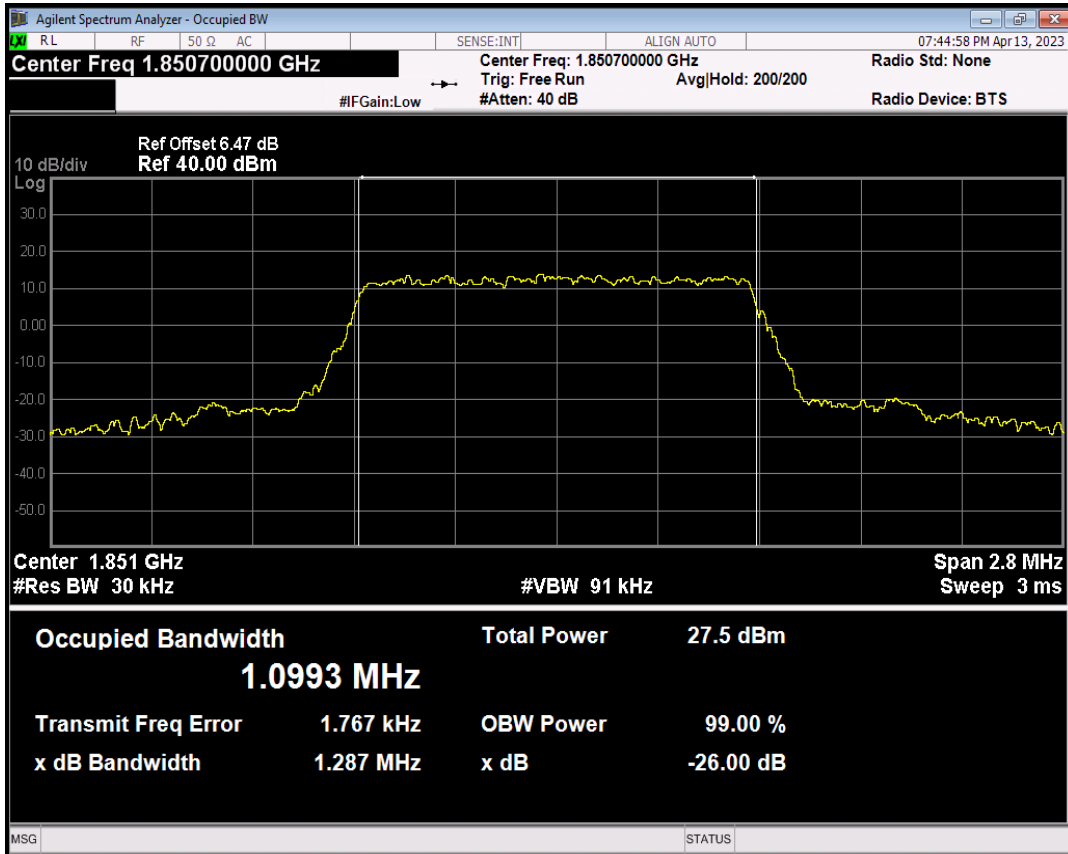
Band2 QAM16 BW=20MHz Channel=19100 RB Size=1 Position=#0



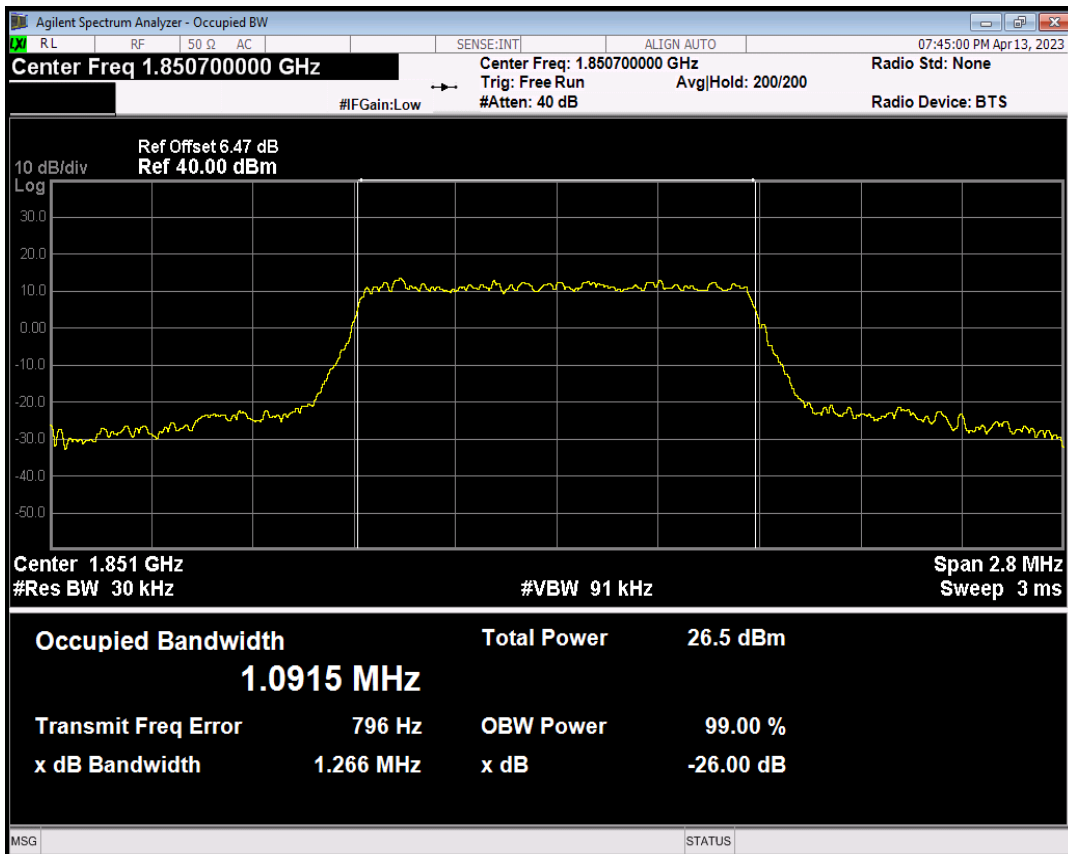
Appendix 4. Occupied bandwidth

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
Band2	1.4	18607	6	#0	QPSK	1.099	1.287	PASS
Band2	1.4	18607	6	#0	QAM16	1.092	1.266	PASS
Band2	1.4	18900	6	#0	QPSK	1.105	1.279	PASS
Band2	1.4	18900	6	#0	QAM16	1.096	1.285	PASS
Band2	1.4	19193	6	#0	QPSK	1.092	1.266	PASS
Band2	1.4	19193	6	#0	QAM16	1.098	1.302	PASS
Band2	3	18615	15	#0	QPSK	2.684	2.939	PASS
Band2	3	18615	15	#0	QAM16	2.691	2.959	PASS
Band2	3	18900	15	#0	QPSK	2.702	2.966	PASS
Band2	3	18900	15	#0	QAM16	2.686	3.017	PASS
Band2	3	19185	15	#0	QPSK	2.689	2.945	PASS
Band2	3	19185	15	#0	QAM16	2.678	2.970	PASS
Band2	5	18625	25	#0	QPSK	4.502	4.879	PASS
Band2	5	18625	25	#0	QAM16	4.497	4.901	PASS
Band2	5	18900	25	#0	QPSK	4.544	4.892	PASS
Band2	5	18900	25	#0	QAM16	4.507	4.945	PASS
Band2	5	19175	25	#0	QPSK	4.512	4.871	PASS
Band2	5	19175	25	#0	QAM16	4.512	4.932	PASS
Band2	10	18650	50	#0	QPSK	9.003	9.704	PASS
Band2	10	18650	50	#0	QAM16	8.971	9.628	PASS
Band2	10	18900	50	#0	QPSK	9.009	9.717	PASS
Band2	10	18900	50	#0	QAM16	8.998	9.742	PASS
Band2	10	19150	50	#0	QPSK	8.997	9.730	PASS
Band2	10	19150	50	#0	QAM16	9.001	9.552	PASS
Band2	15	18675	75	#0	QPSK	13.398	14.381	PASS
Band2	15	18675	75	#0	QAM16	13.408	14.405	PASS
Band2	15	18900	75	#0	QPSK	13.524	14.546	PASS
Band2	15	18900	75	#0	QAM16	13.513	14.584	PASS
Band2	15	19125	75	#0	QPSK	13.404	14.441	PASS
Band2	15	19125	75	#0	QAM16	13.409	14.519	PASS
Band2	20	18700	100	#0	QPSK	17.904	19.113	PASS
Band2	20	18700	100	#0	QAM16	17.887	19.137	PASS
Band2	20	18900	100	#0	QPSK	18.071	19.319	PASS
Band2	20	18900	100	#0	QAM16	18.012	19.402	PASS
Band2	20	19100	100	#0	QPSK	17.855	19.219	PASS
Band2	20	19100	100	#0	QAM16	17.896	19.242	PASS

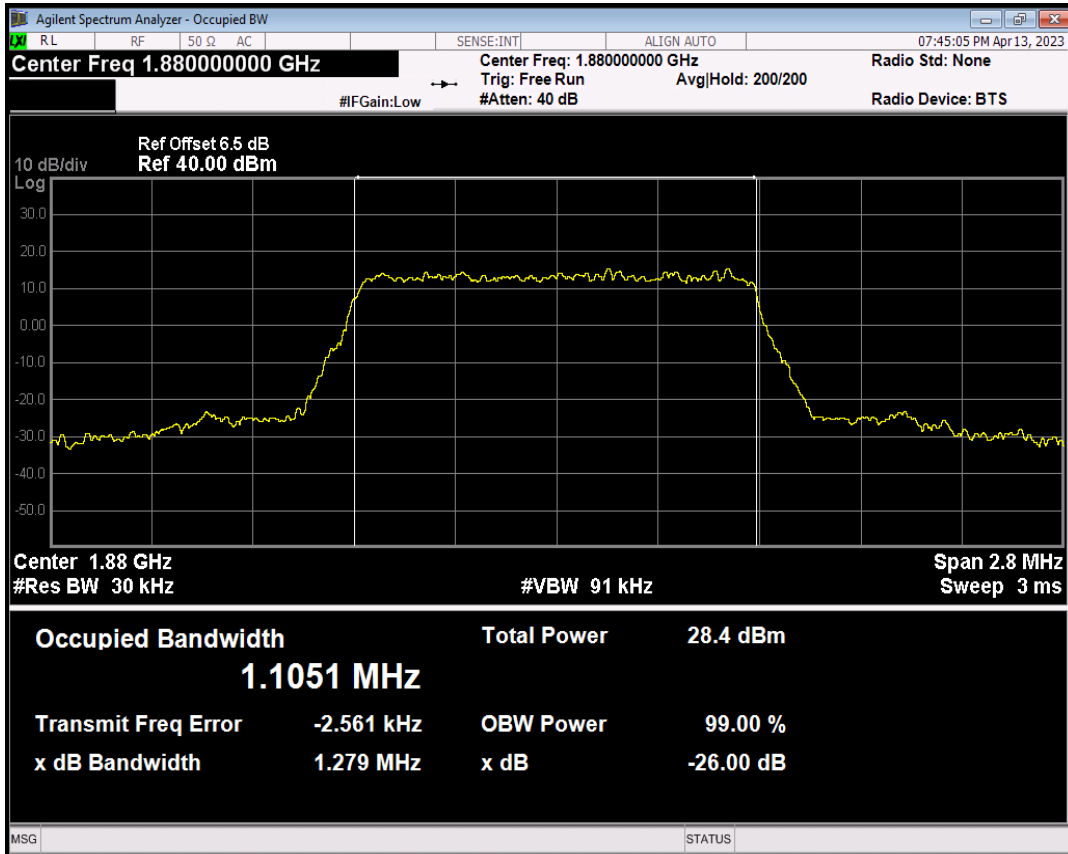
Band2 QPSK BW=1.4MHz Channel=18607 RB Size=6 Position=#0



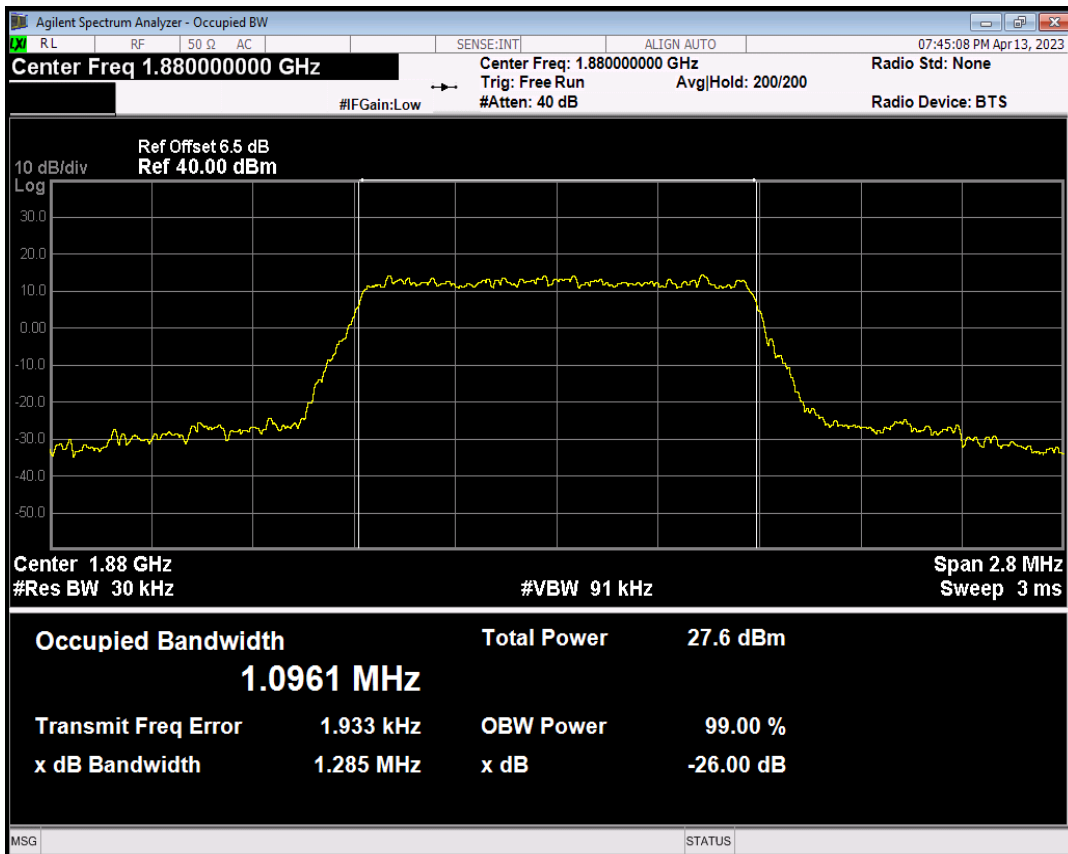
Band2 QAM16 BW=1.4MHz Channel=18607 RB Size=6 Position=#0



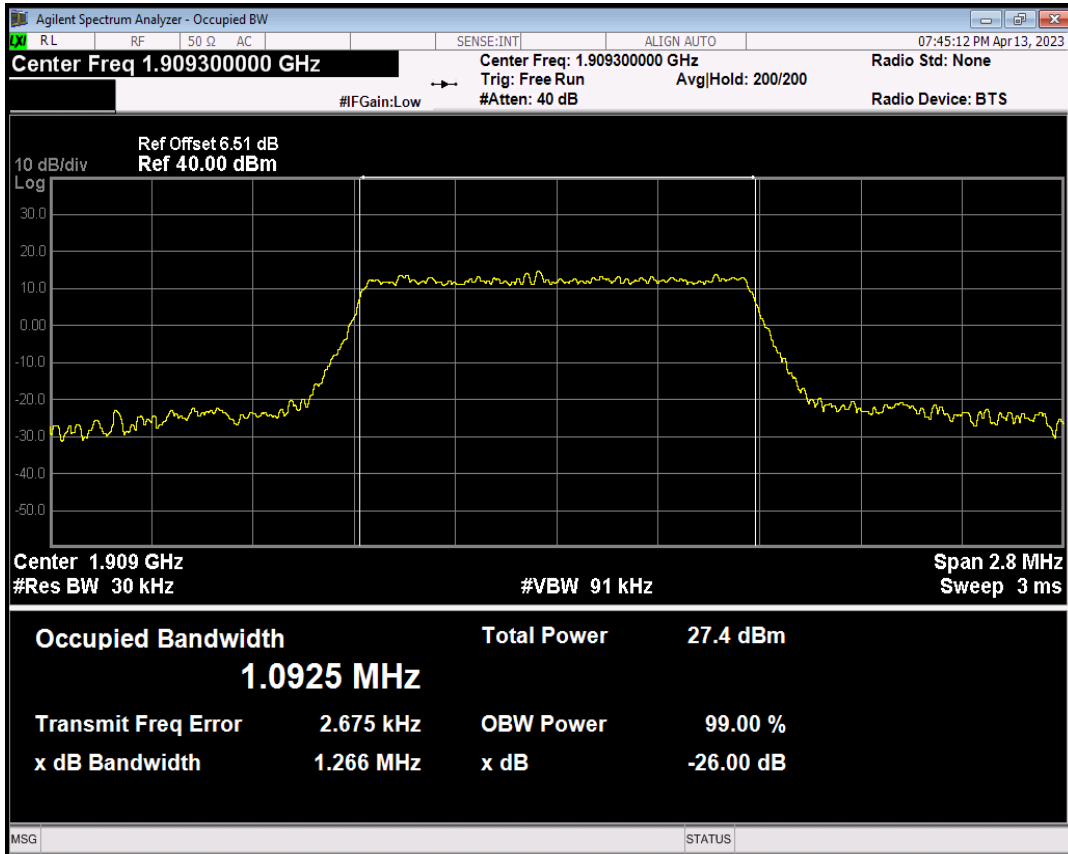
Band2 QPSK BW=1.4MHz Channel=18900 RB Size=6 Position=#0



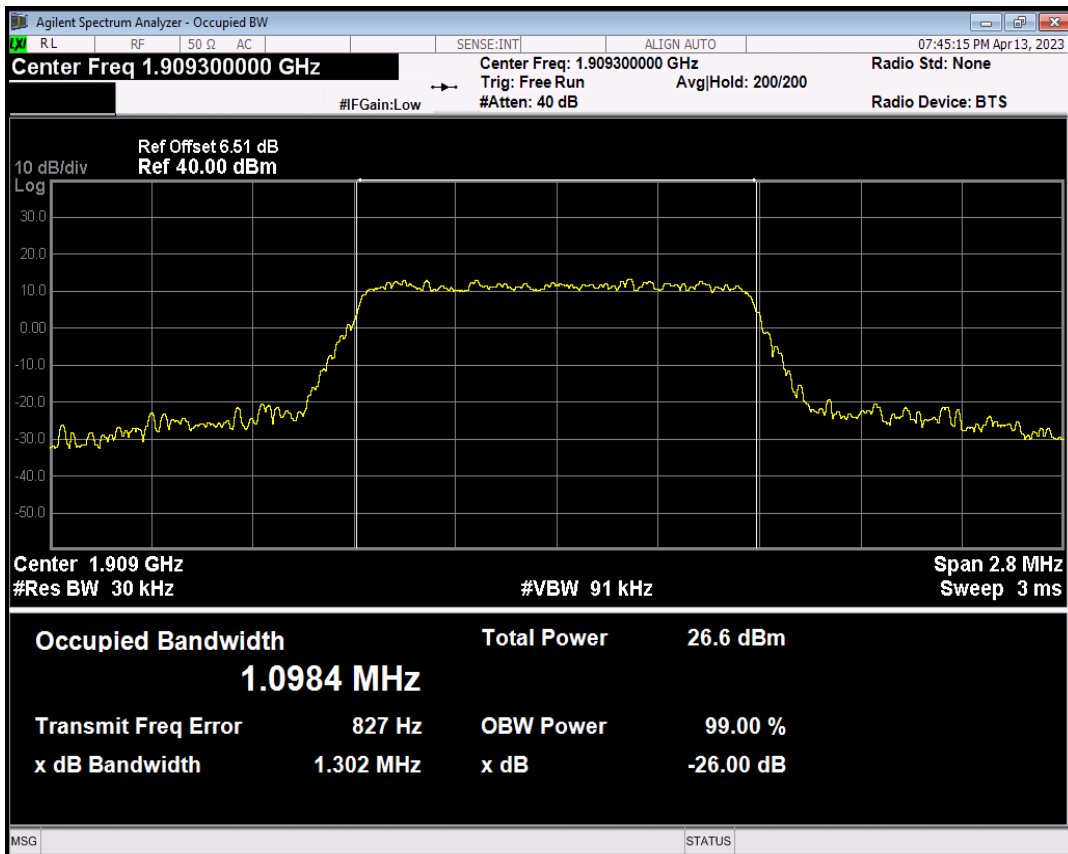
Band2 QAM16 BW=1.4MHz Channel=18900 RB Size=6 Position=#0



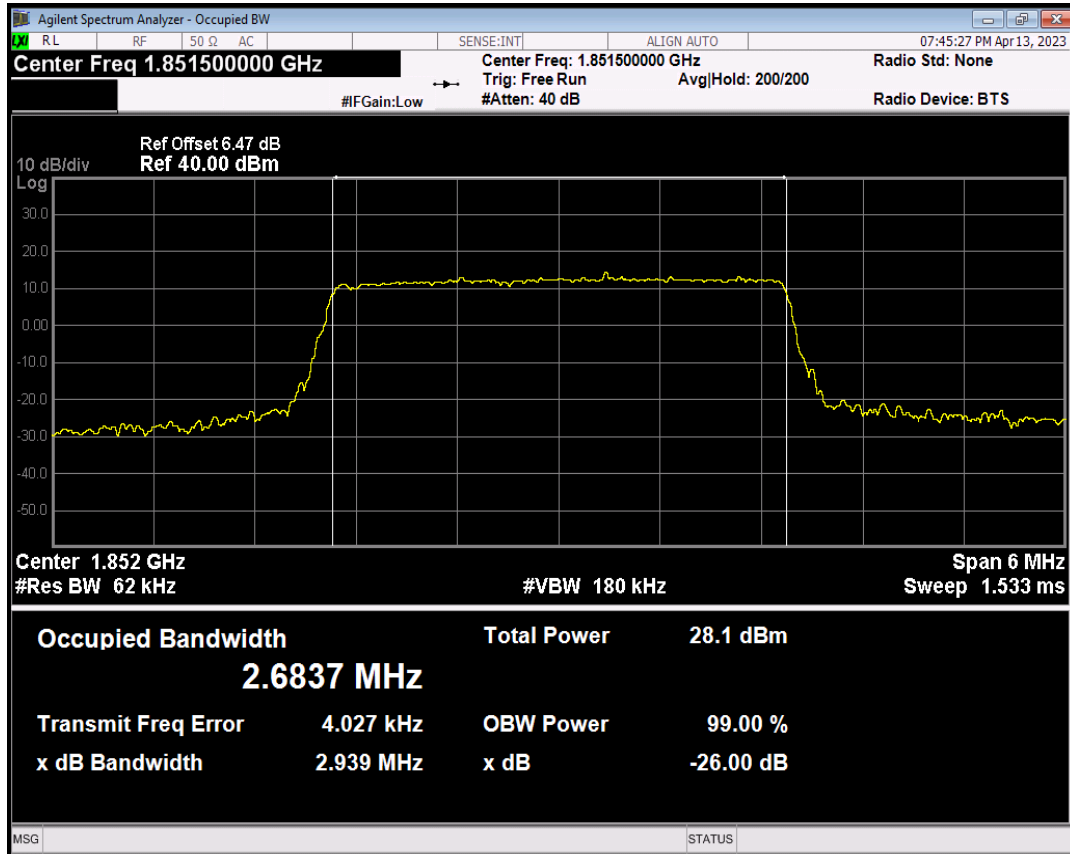
Band2 QPSK BW=1.4MHz Channel=19193 RB Size=6 Position=#0



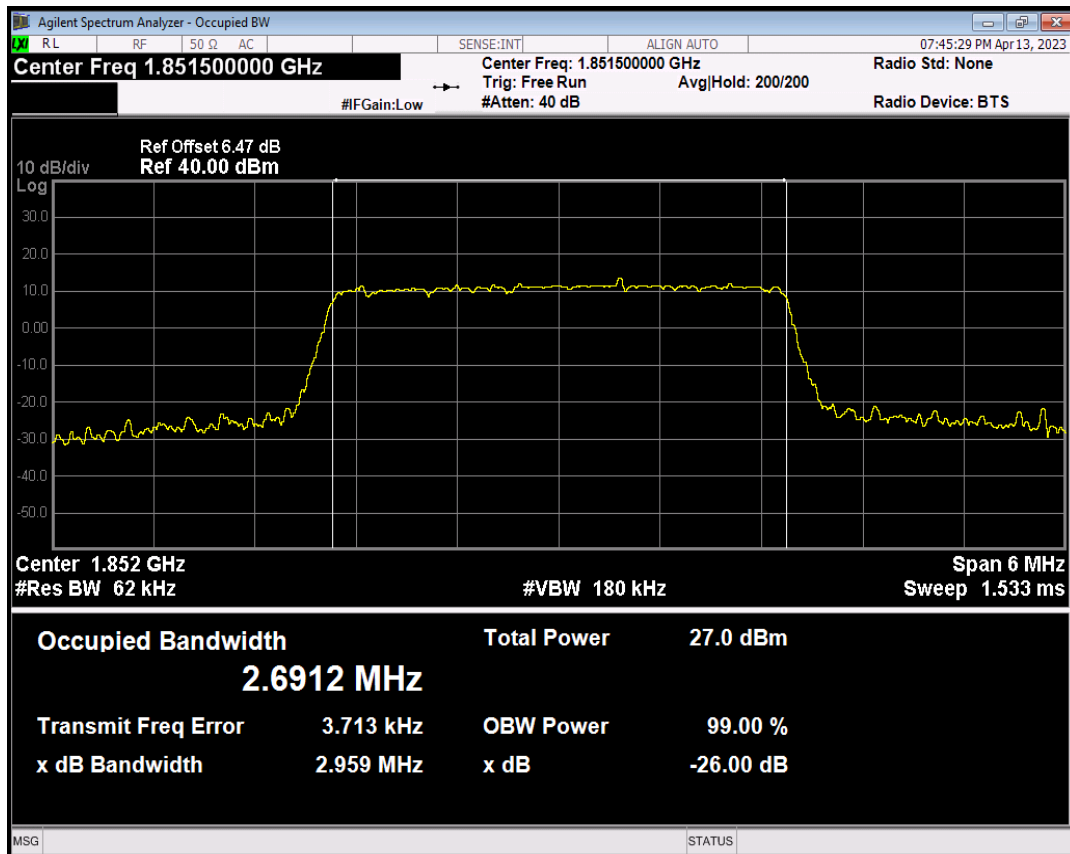
Band2 QAM16 BW=1.4MHz Channel=19193 RB Size=6 Position=#0



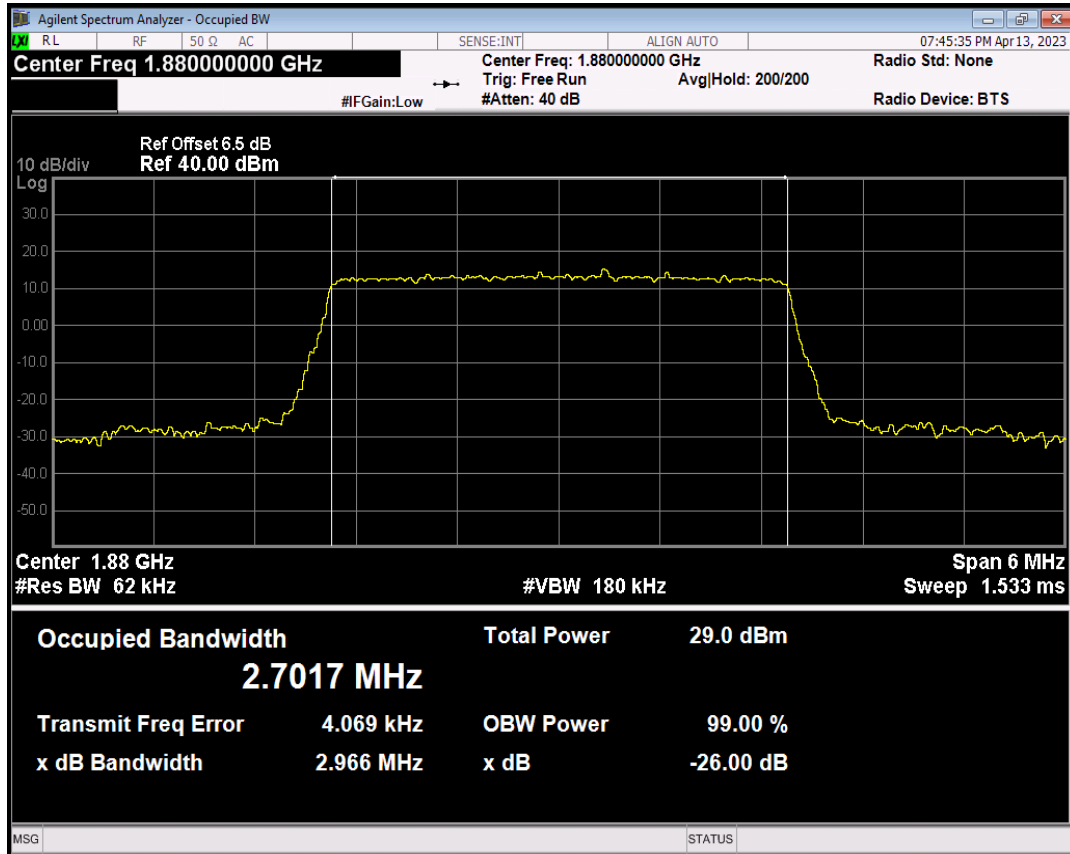
Band2 QPSK BW=3MHz Channel=18615 RB Size=15 Position=#0



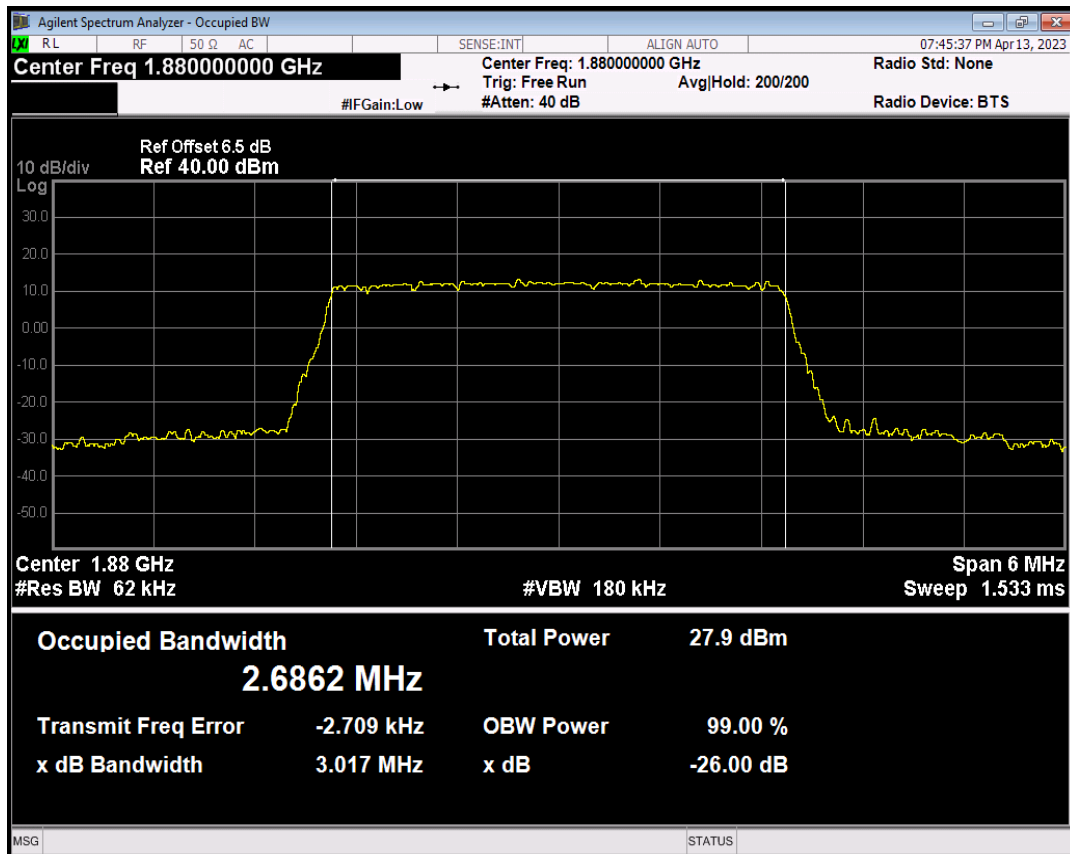
Band2 QAM16 BW=3MHz Channel=18615 RB Size=15 Position=#0



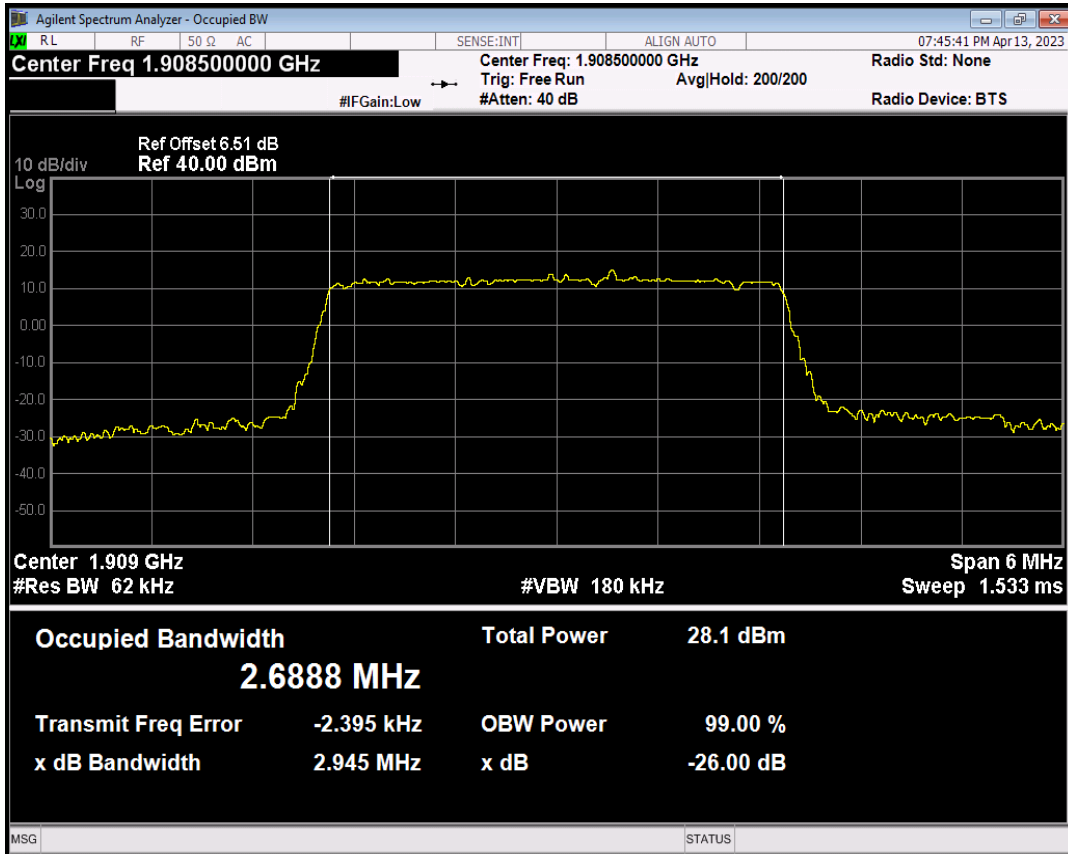
Band2 QPSK BW=3MHz Channel=18900 RB Size=15 Position=#0



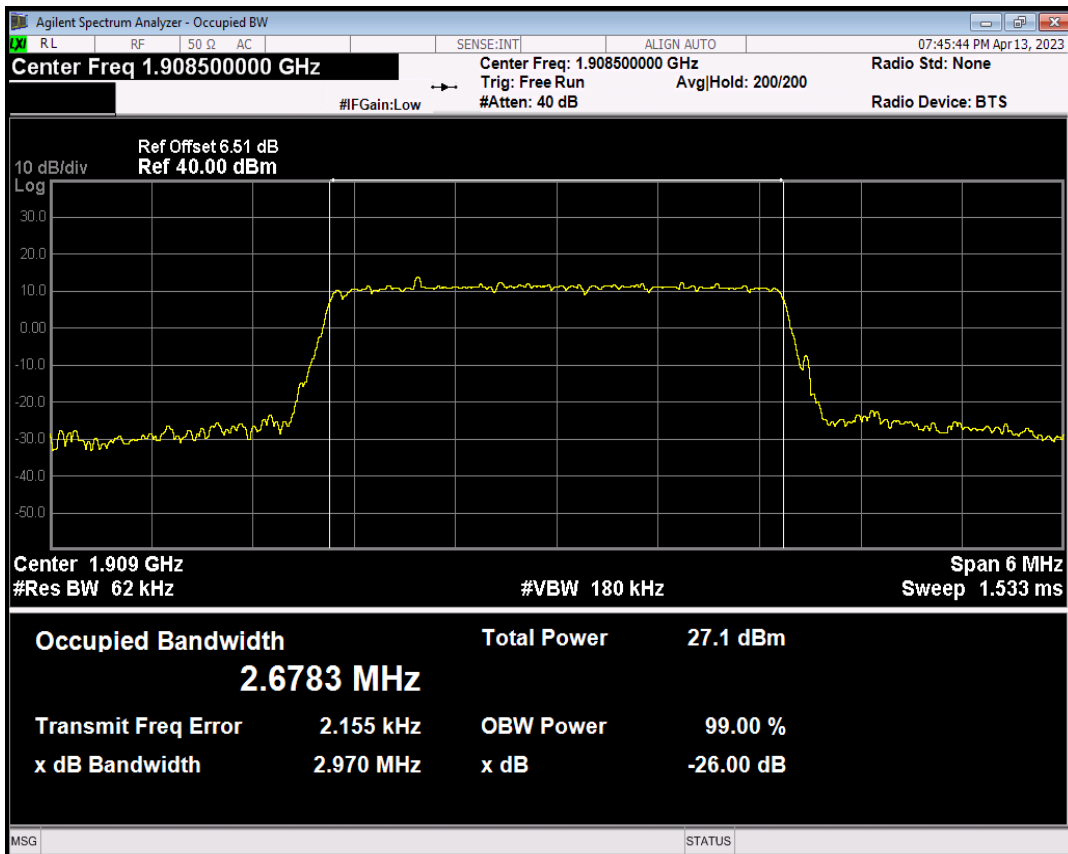
Band2 QAM16 BW=3MHz Channel=18900 RB Size=15 Position=#0



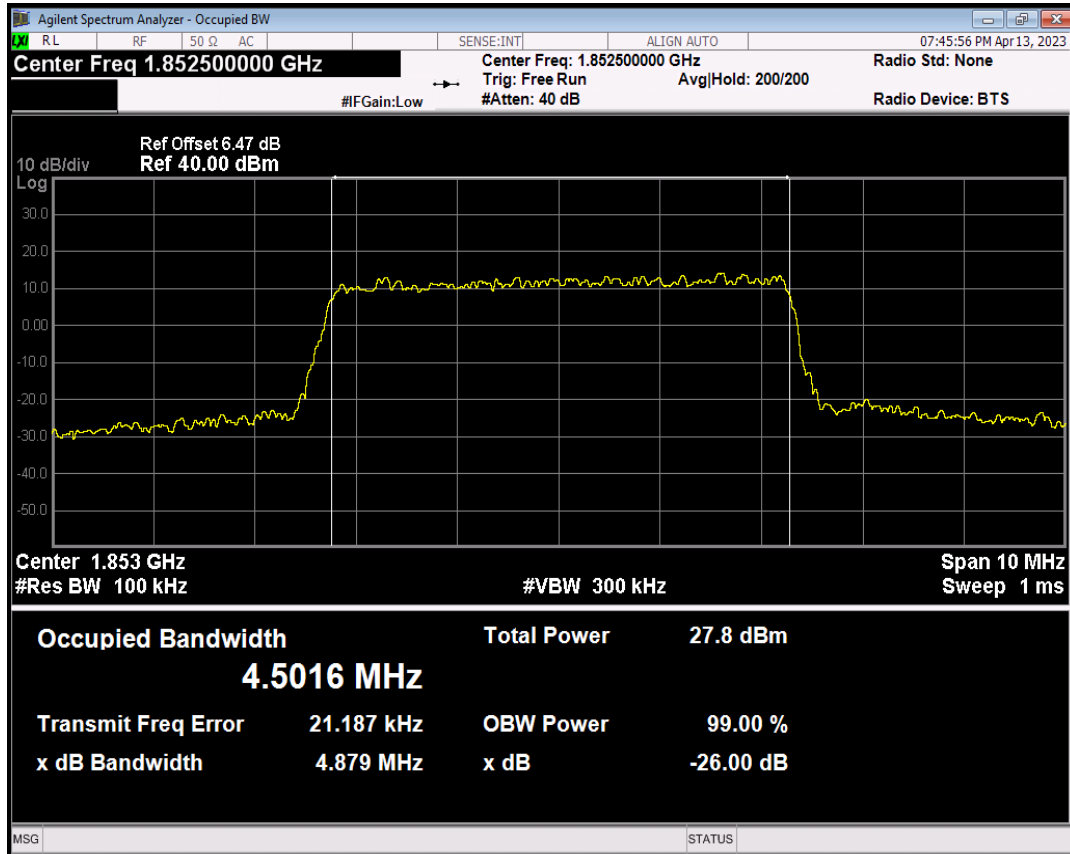
Band2 QPSK BW=3MHz Channel=19185 RB Size=15 Position=#0



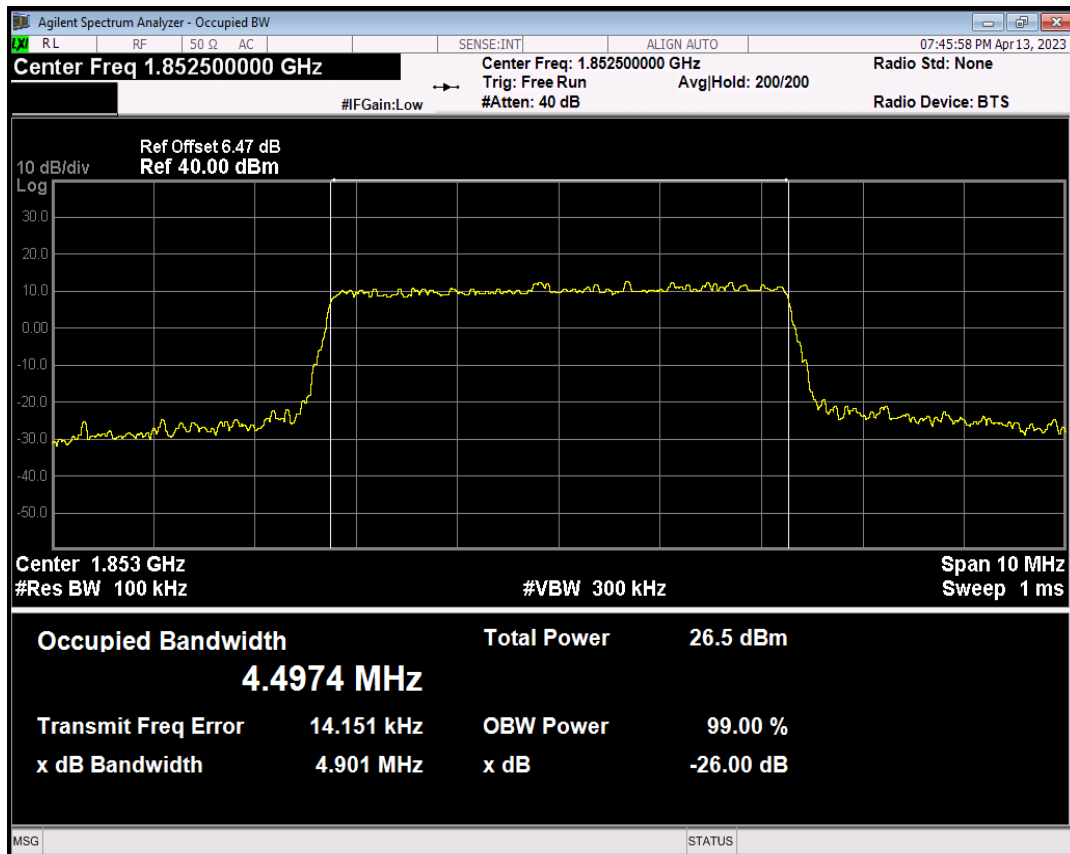
Band2 QAM16 BW=3MHz Channel=19185 RB Size=15 Position=#0



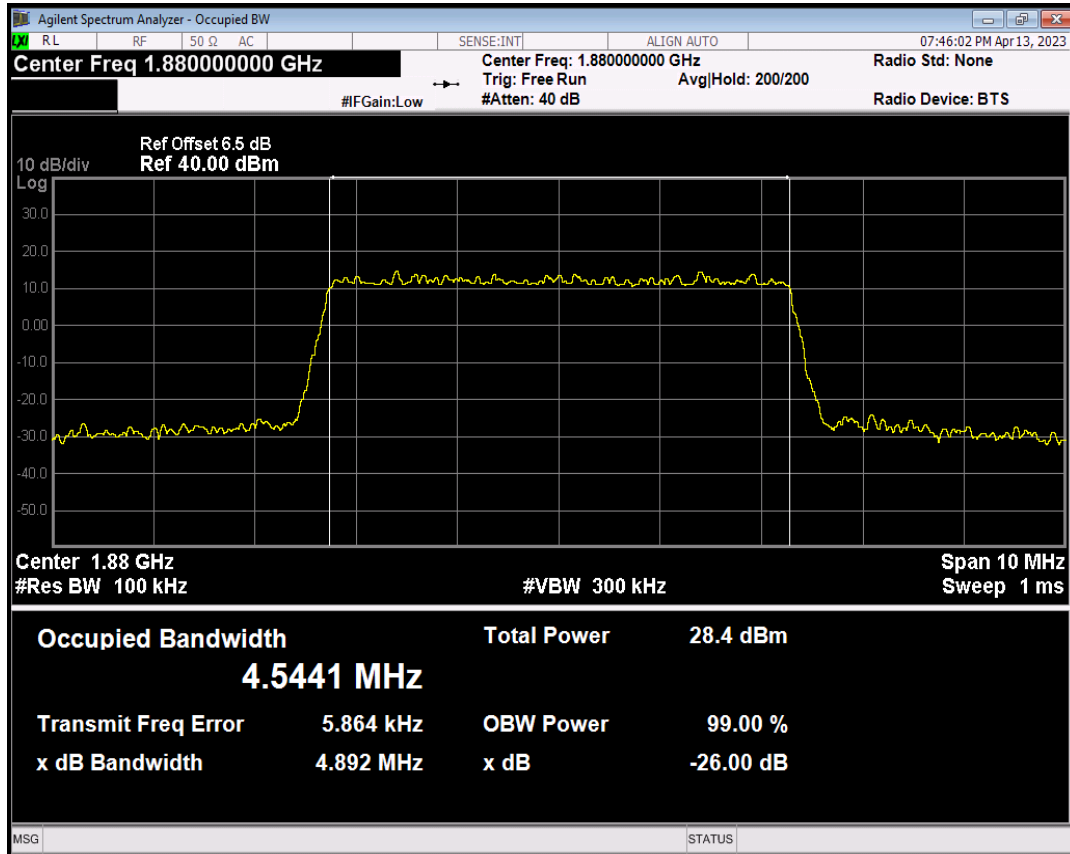
Band2 QPSK BW=5MHz Channel=18625 RB Size=25 Position=#0



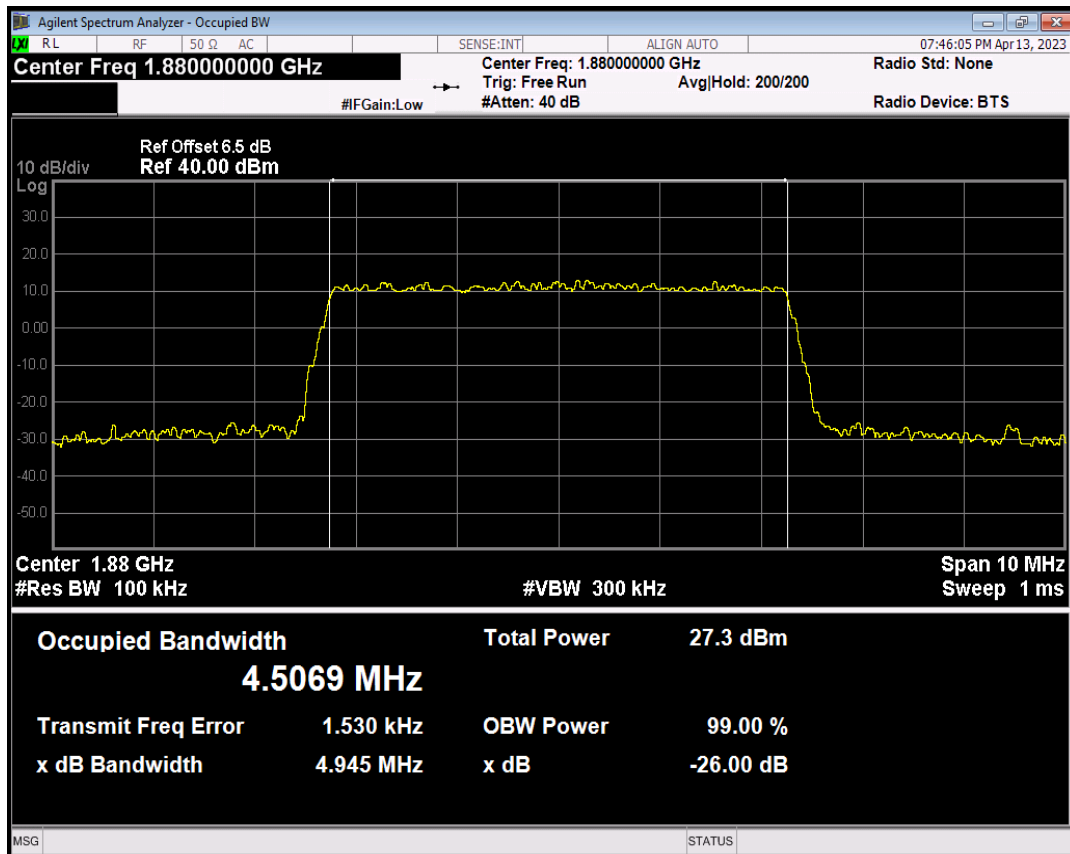
Band2 QAM16 BW=5MHz Channel=18625 RB Size=25 Position=#0



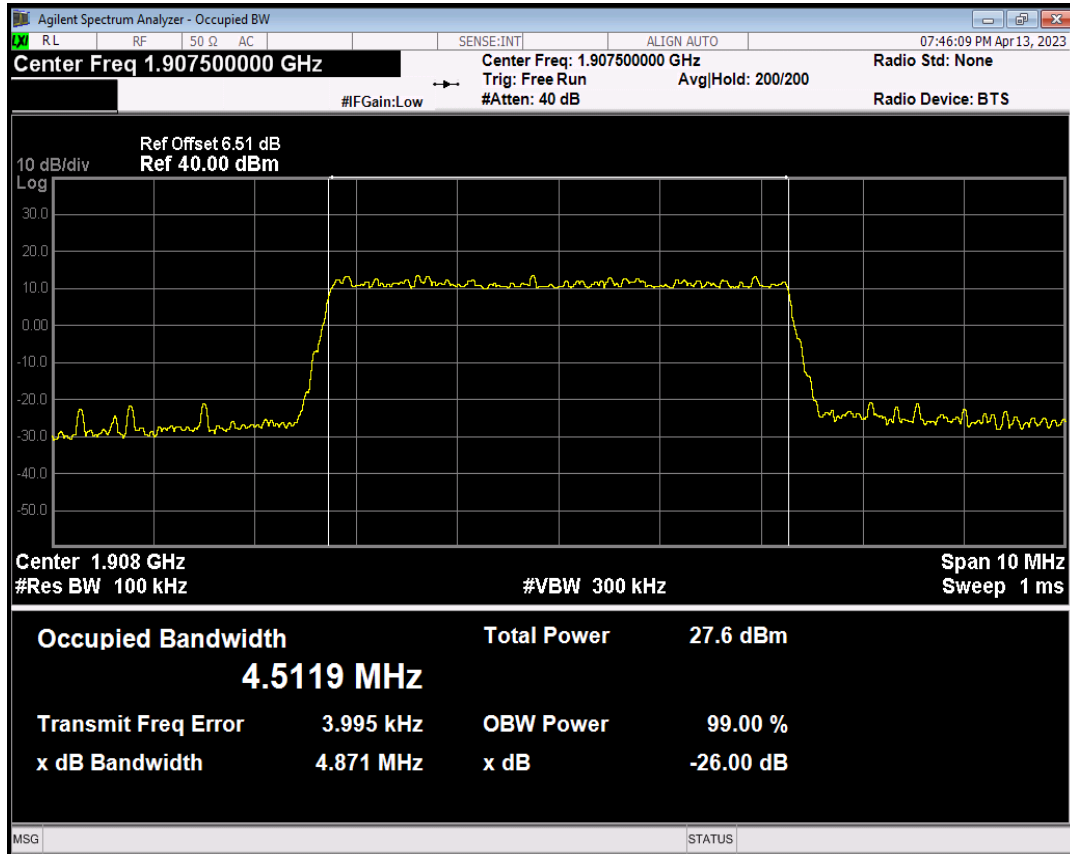
Band2 QPSK BW=5MHz Channel=18900 RB Size=25 Position=#0



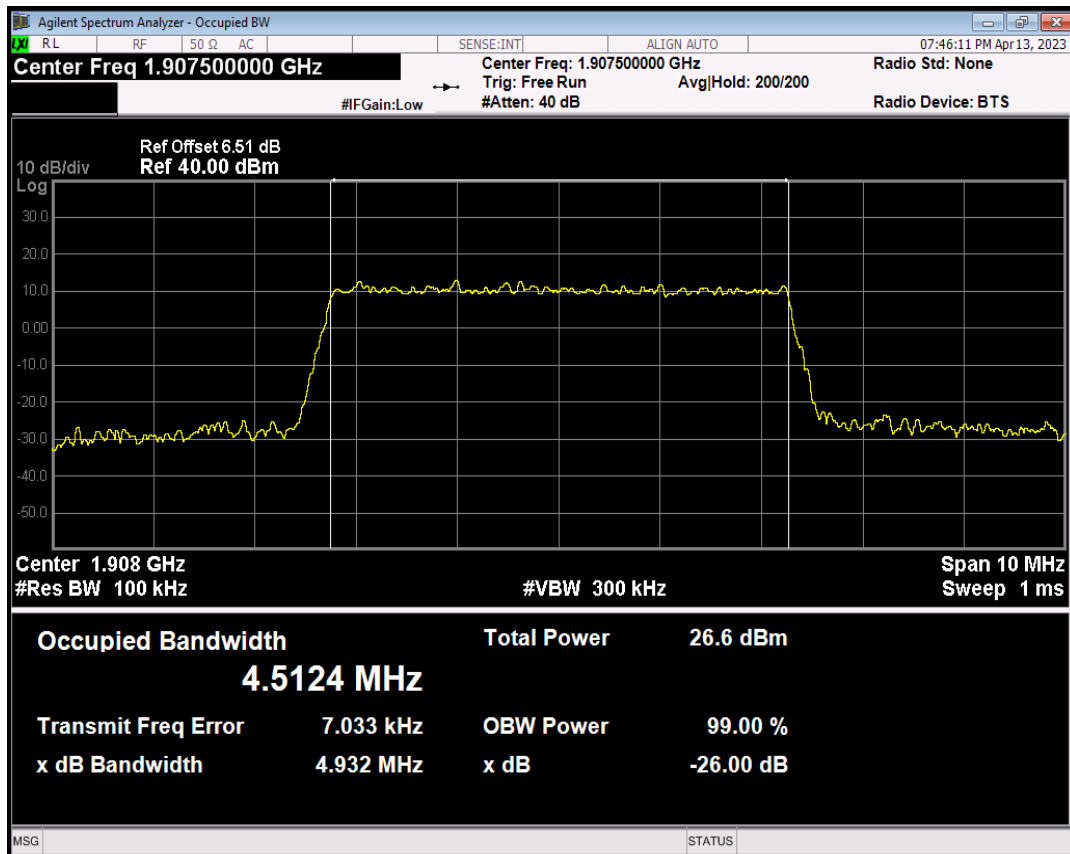
Band2 QAM16 BW=5MHz Channel=18900 RB Size=25 Position=#0



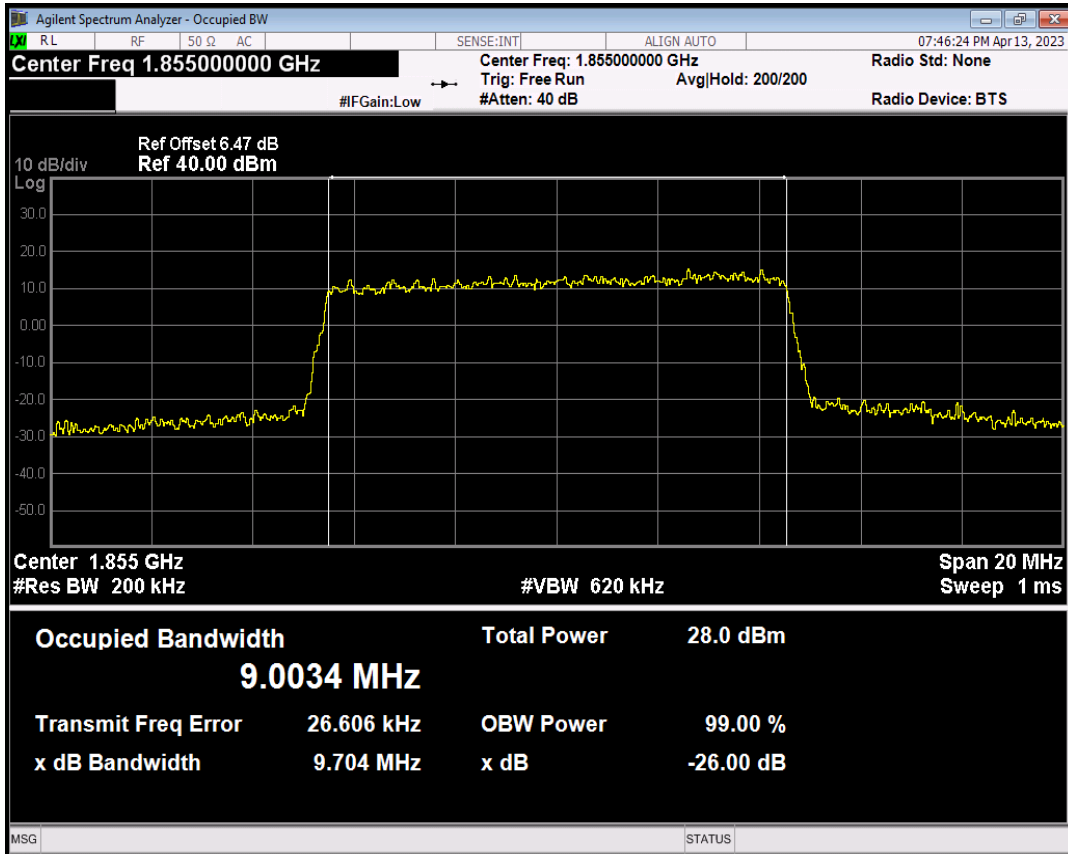
Band2 QPSK BW=5MHz Channel=19175 RB Size=25 Position=#0



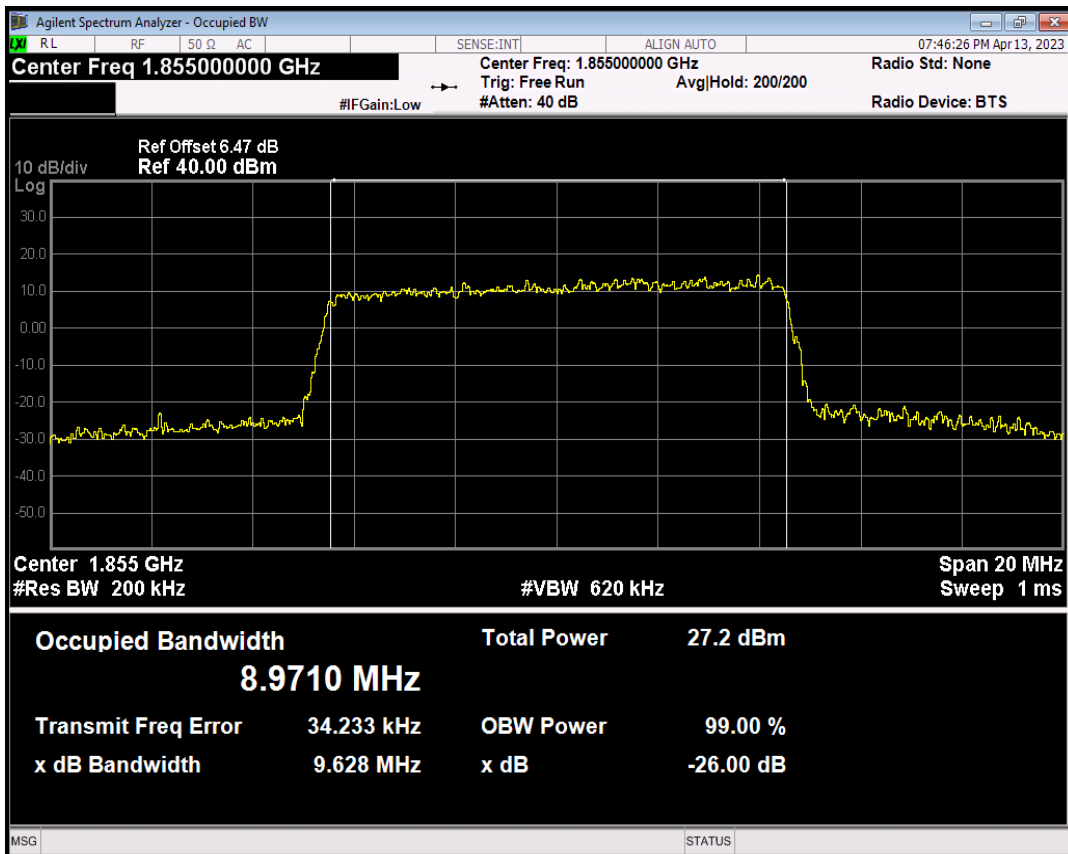
Band2 QAM16 BW=5MHz Channel=19175 RB Size=25 Position=#0



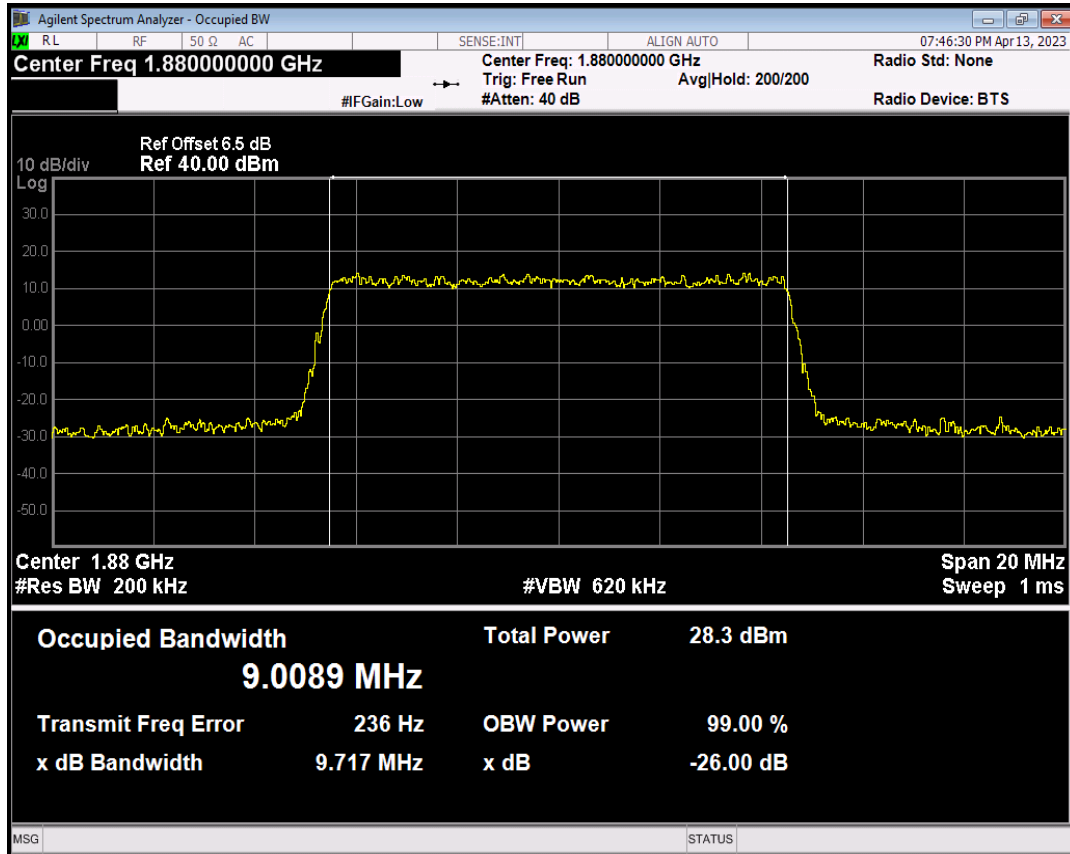
Band2 QPSK BW=10MHz Channel=18650 RB Size=50 Position=#0



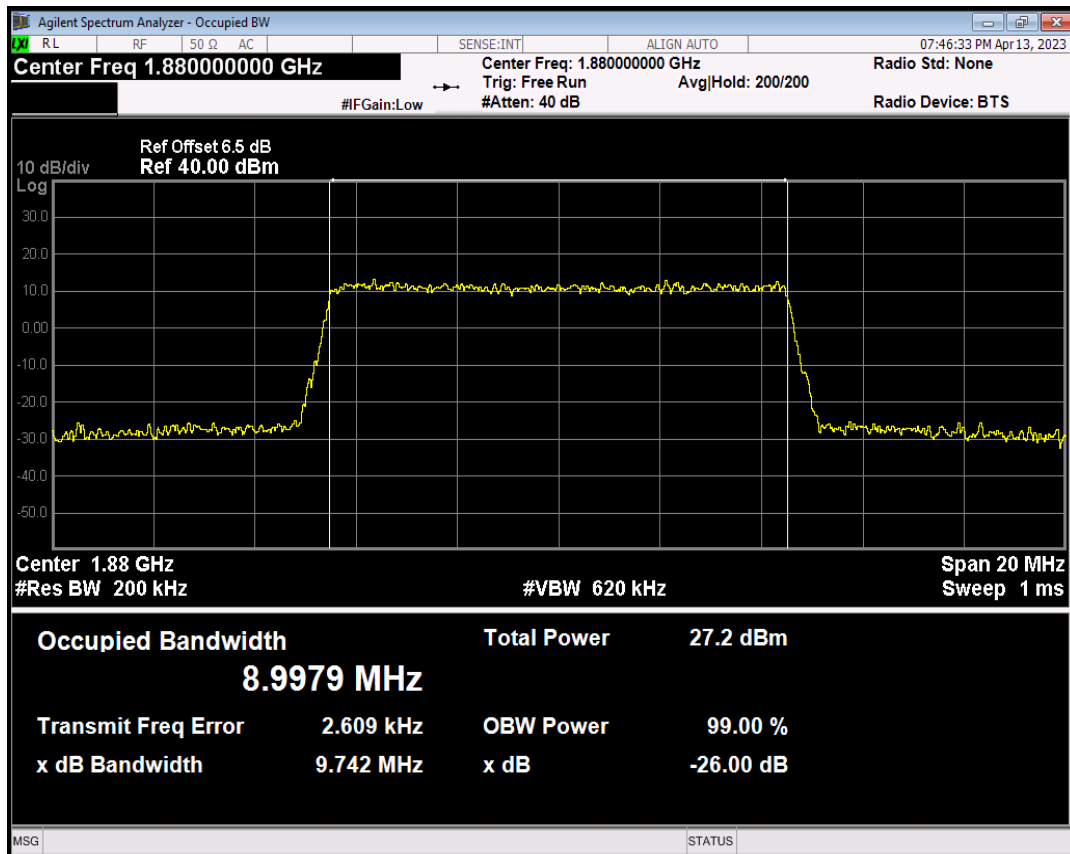
Band2 QAM16 BW=10MHz Channel=18650 RB Size=50 Position=#0



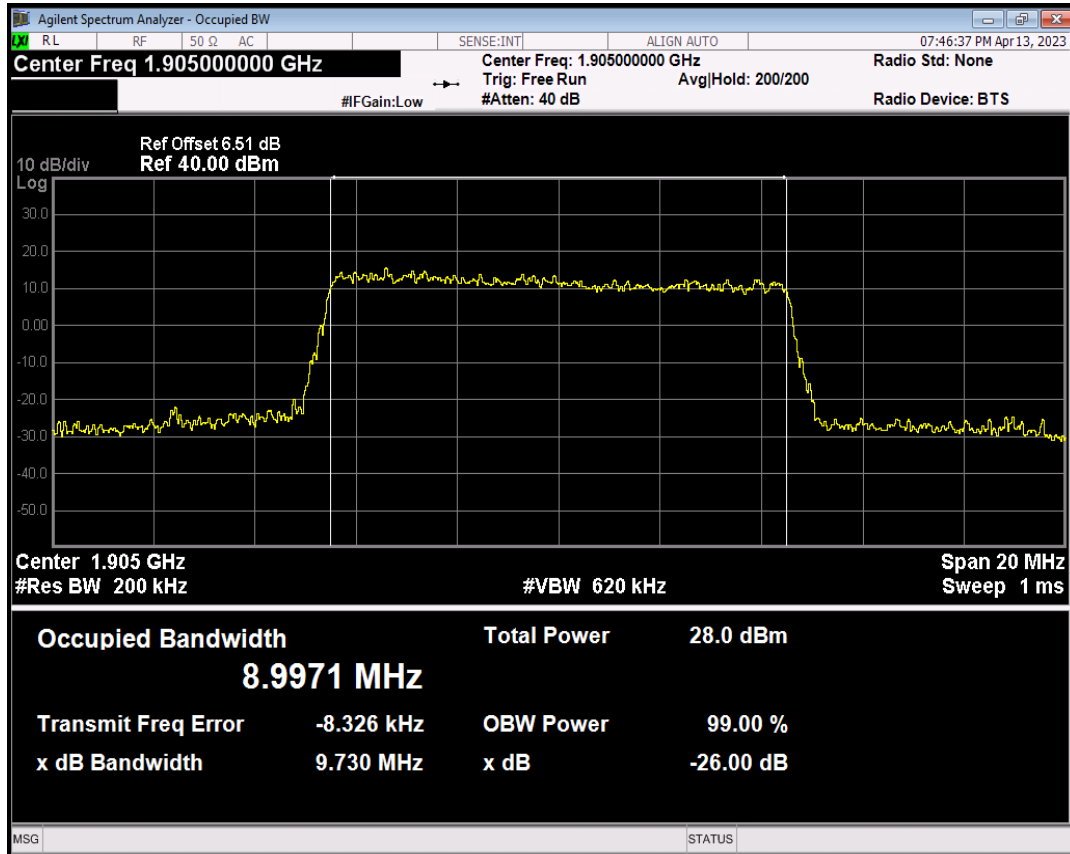
Band2 QPSK BW=10MHz Channel=18900 RB Size=50 Position=#0



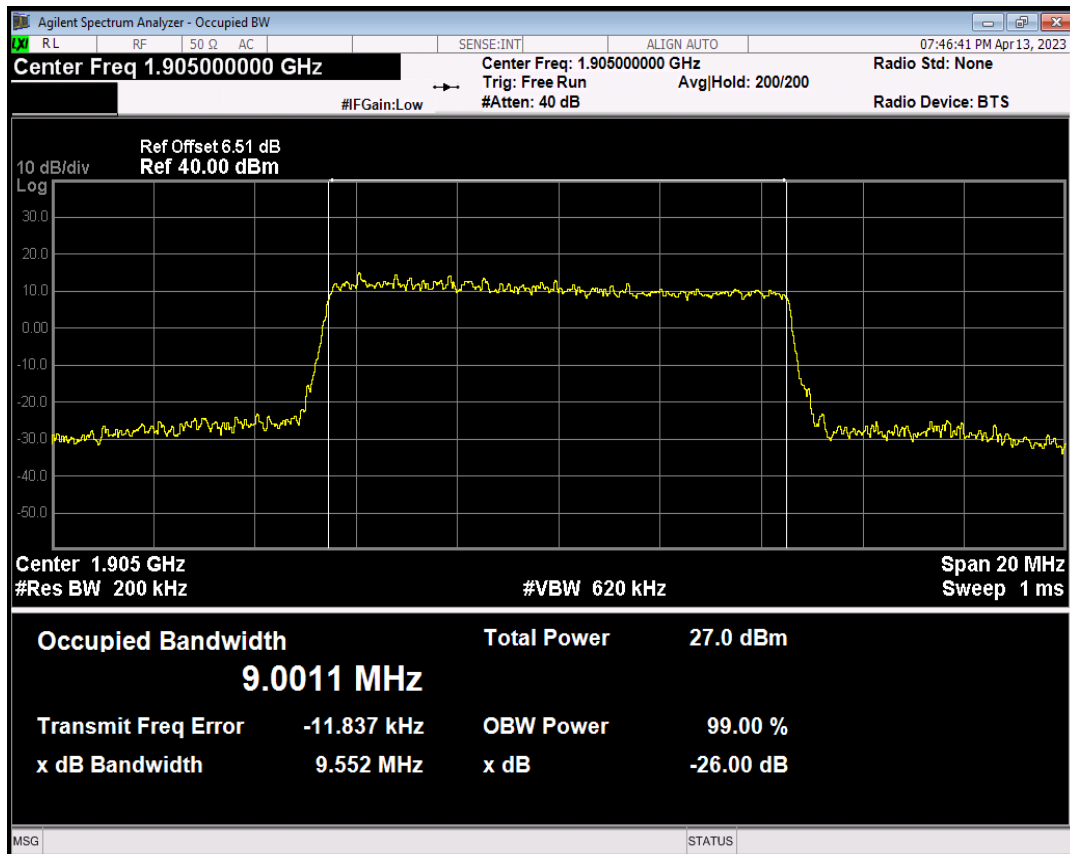
Band2 QAM16 BW=10MHz Channel=18900 RB Size=50 Position=#0



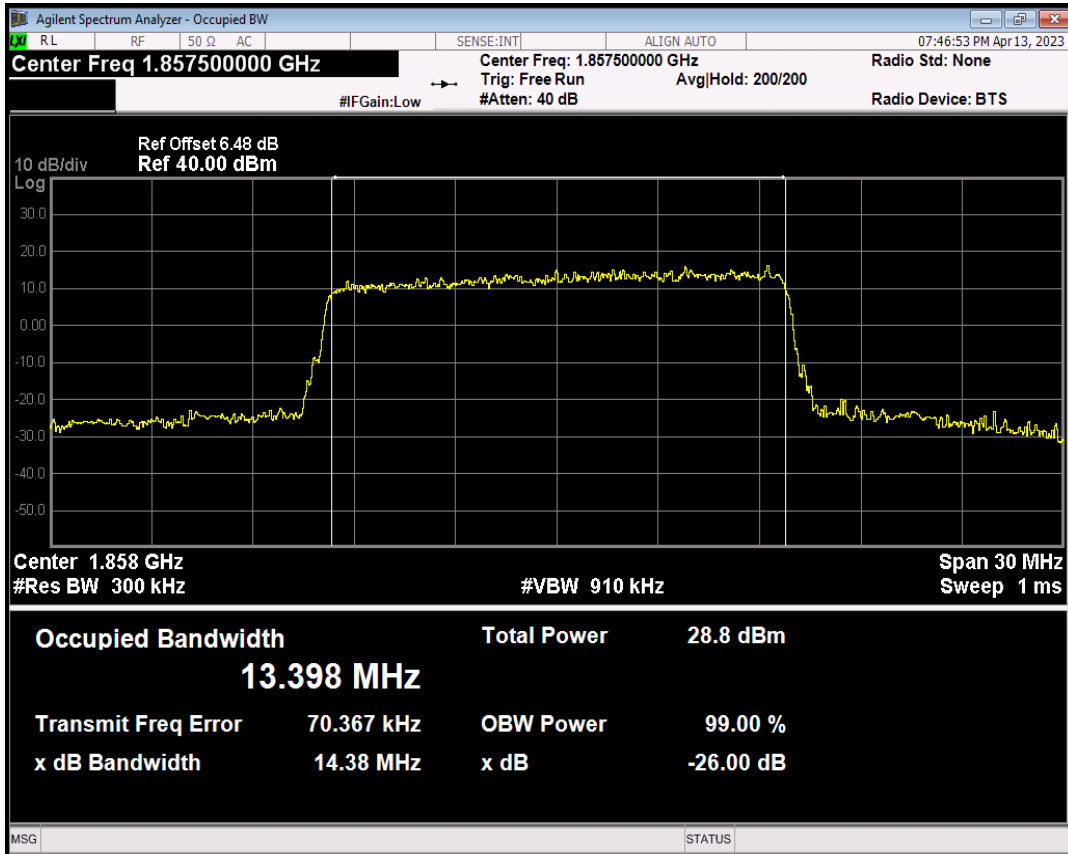
Band2 QPSK BW=10MHz Channel=19150 RB Size=50 Position=#0



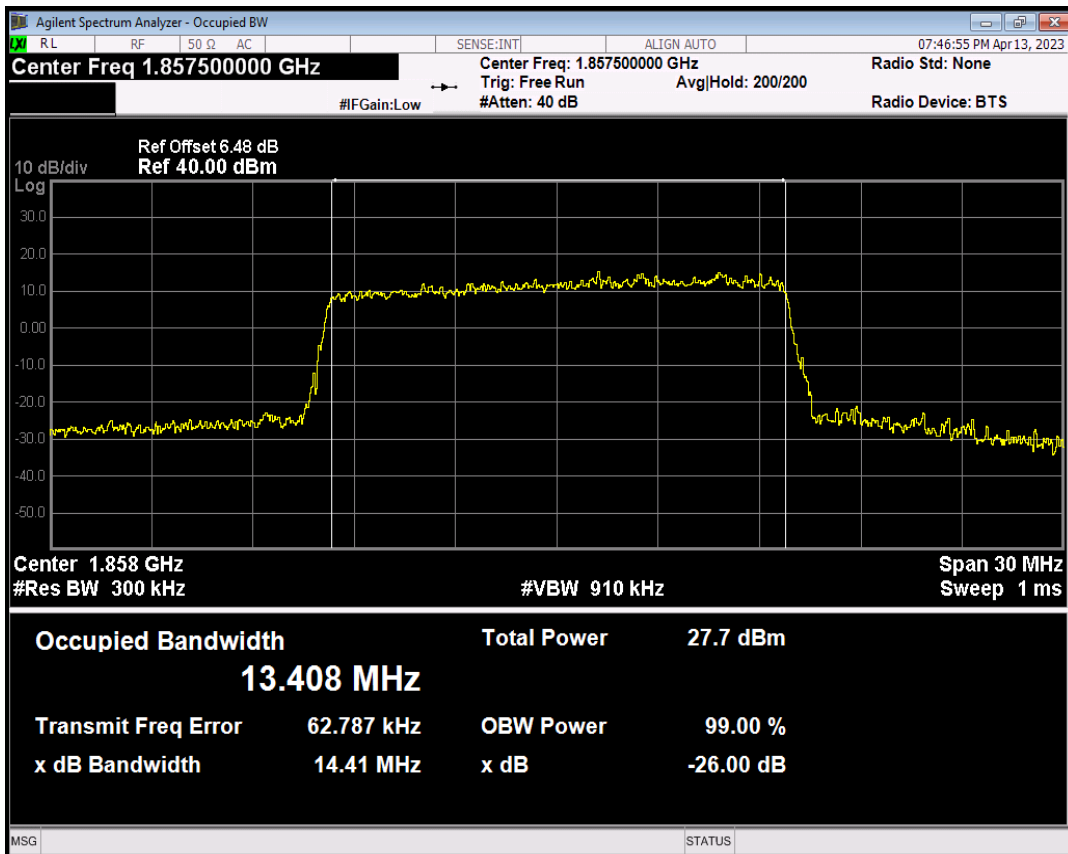
Band2 QAM16 BW=10MHz Channel=19150 RB Size=50 Position=#0



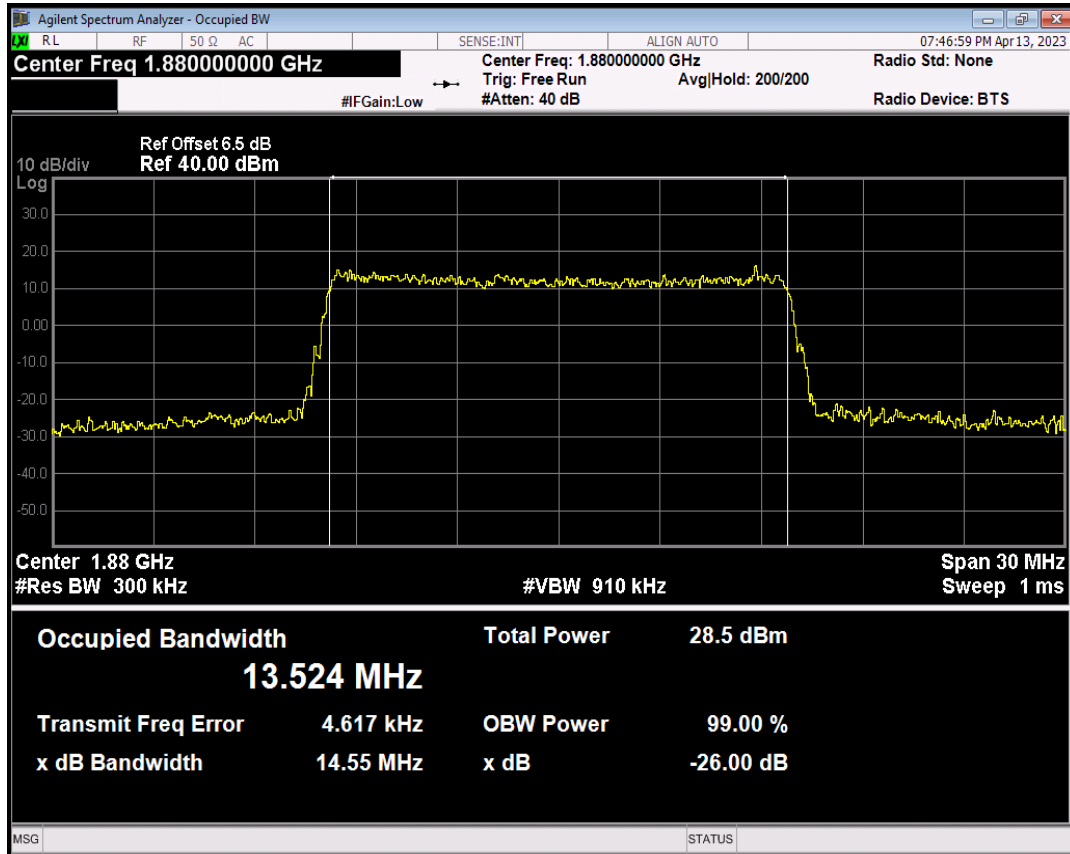
Band2 QPSK BW=15MHz Channel=18675 RB Size=75 Position=#0



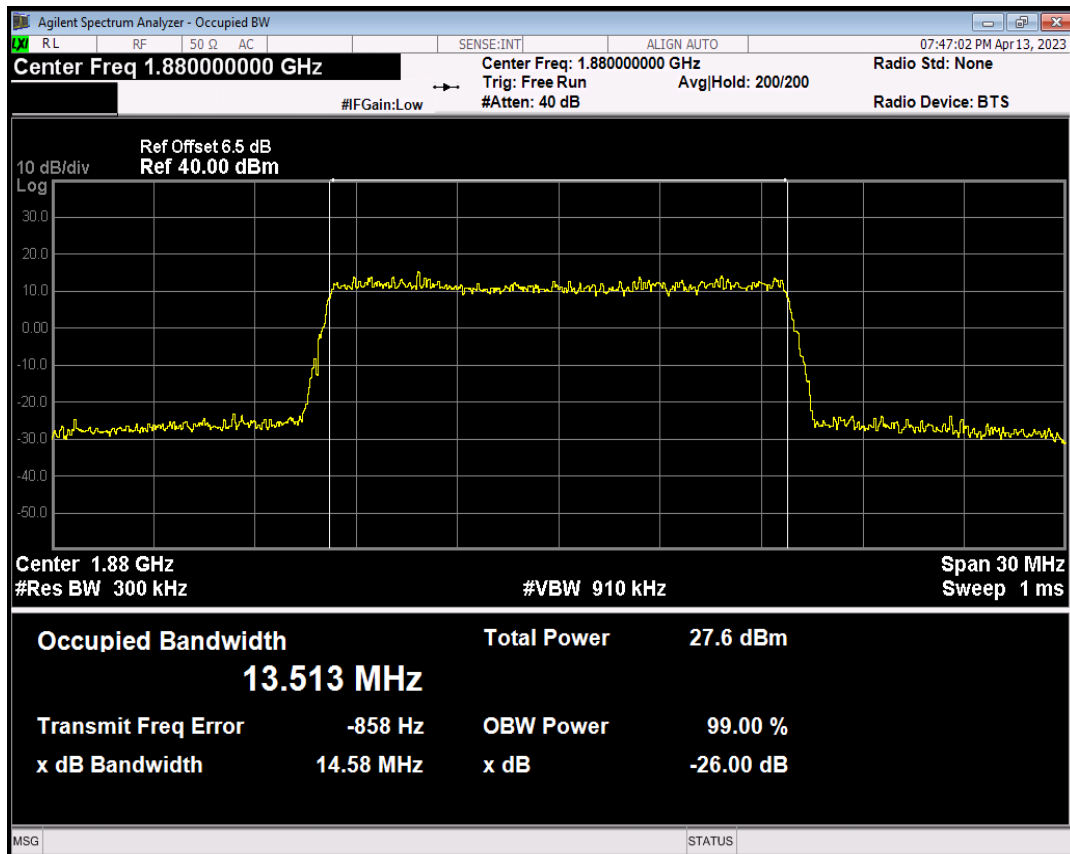
Band2 QAM16 BW=15MHz Channel=18675 RB Size=75 Position=#0



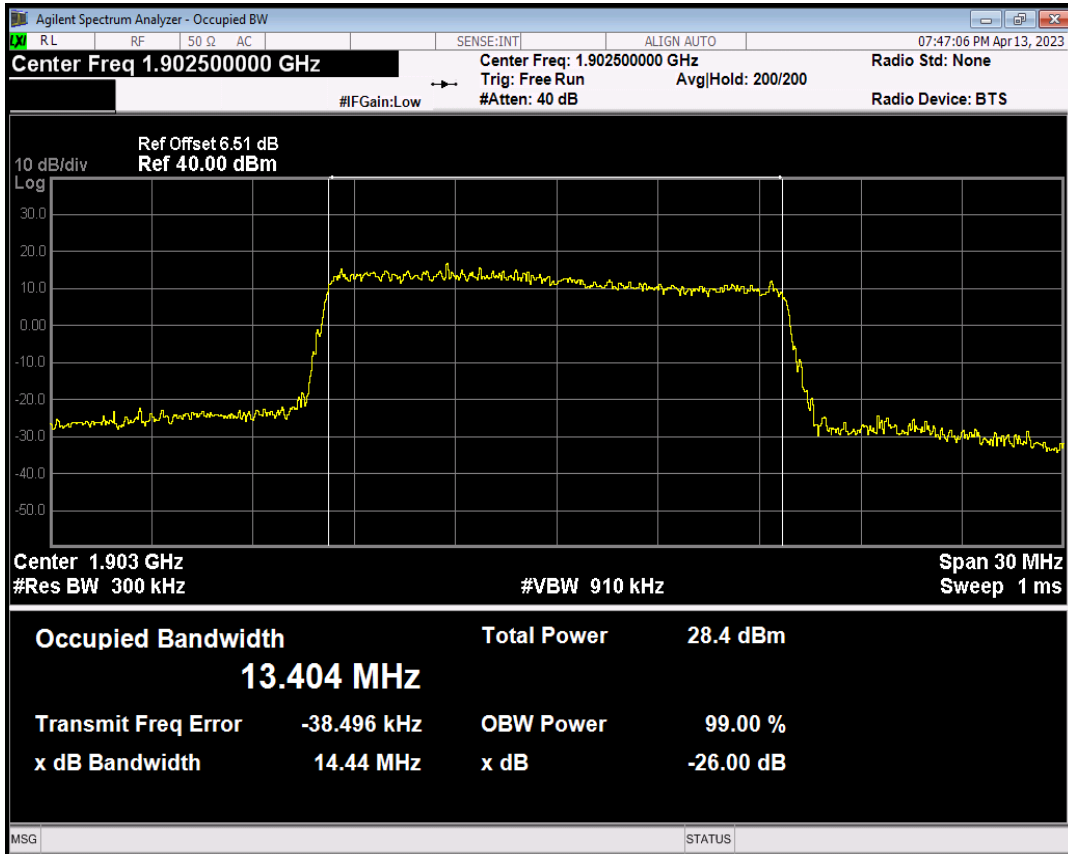
Band2 QPSK BW=15MHz Channel=18900 RB Size=75 Position=#0



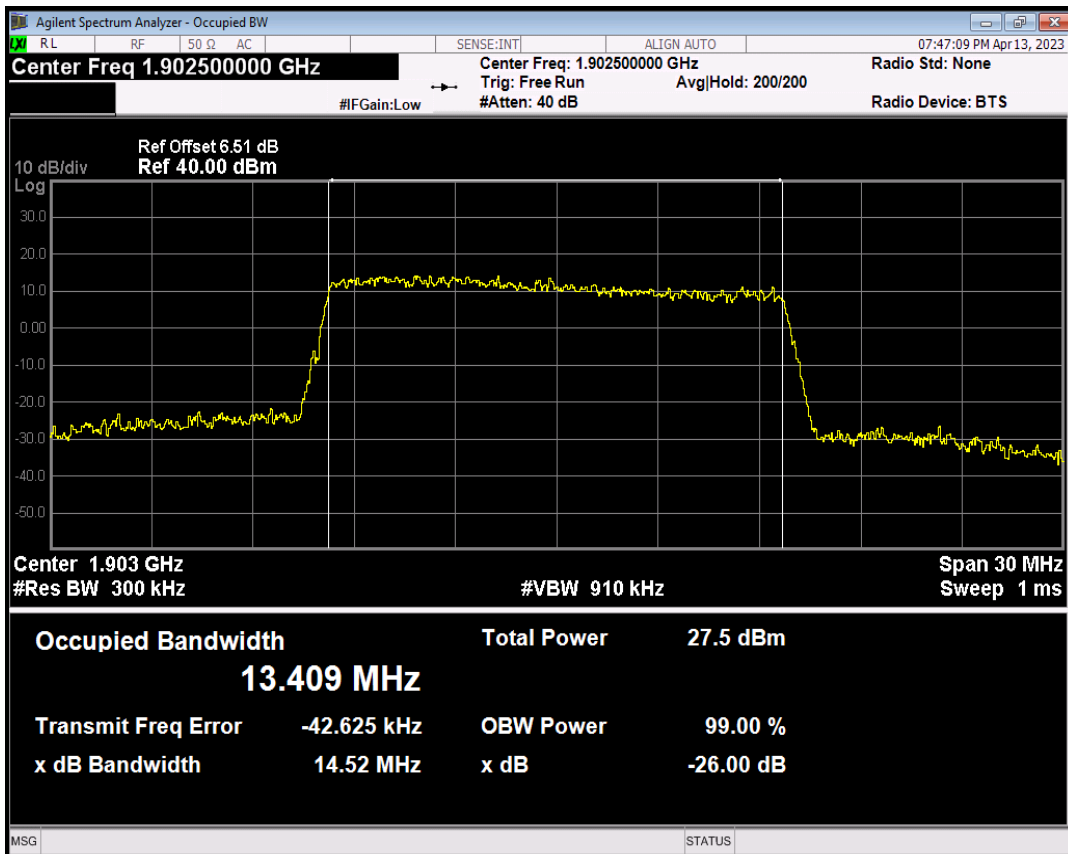
Band2 QAM16 BW=15MHz Channel=18900 RB Size=75 Position=#0



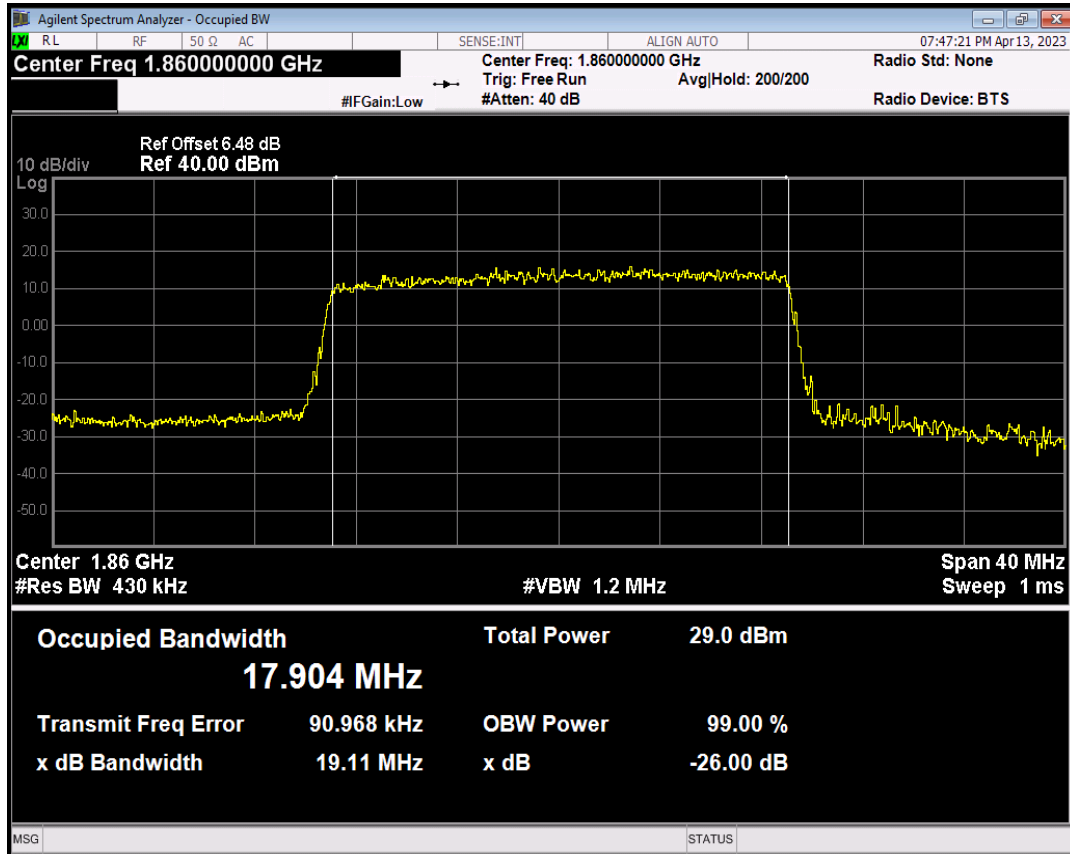
Band2 QPSK BW=15MHz Channel=19125 RB Size=75 Position=#0



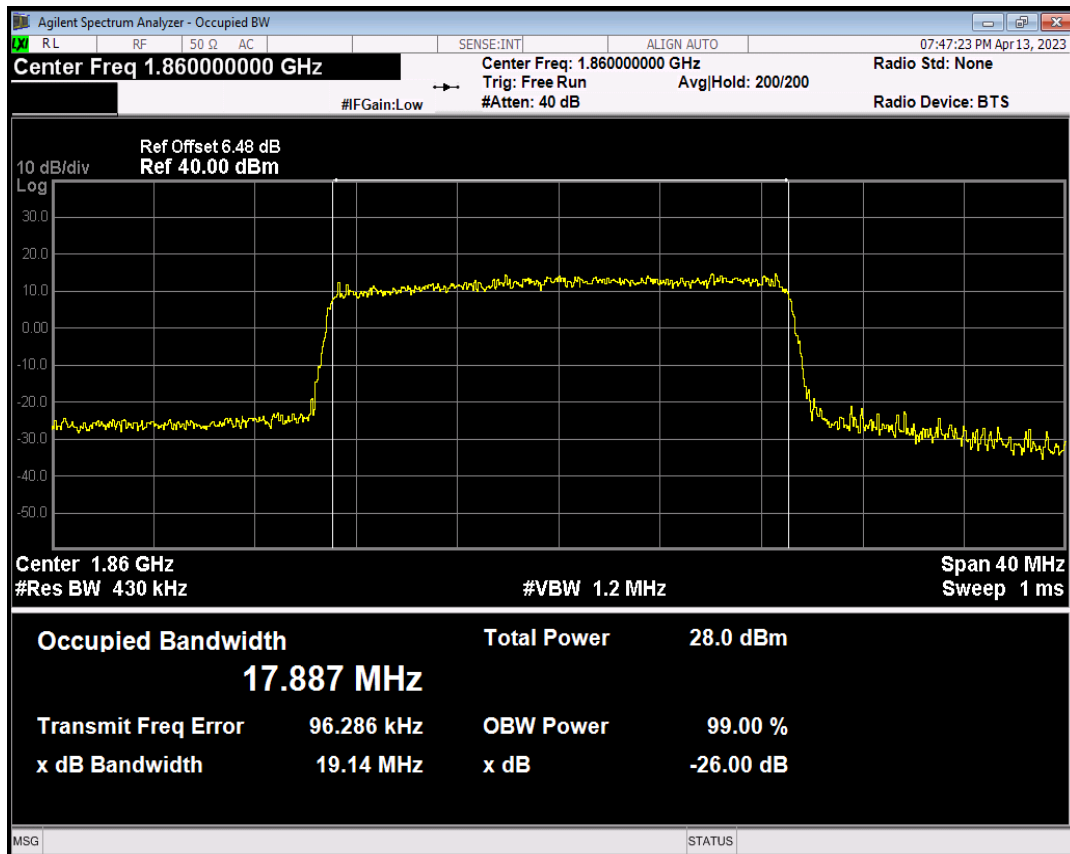
Band2 QAM16 BW=15MHz Channel=19125 RB Size=75 Position=#0



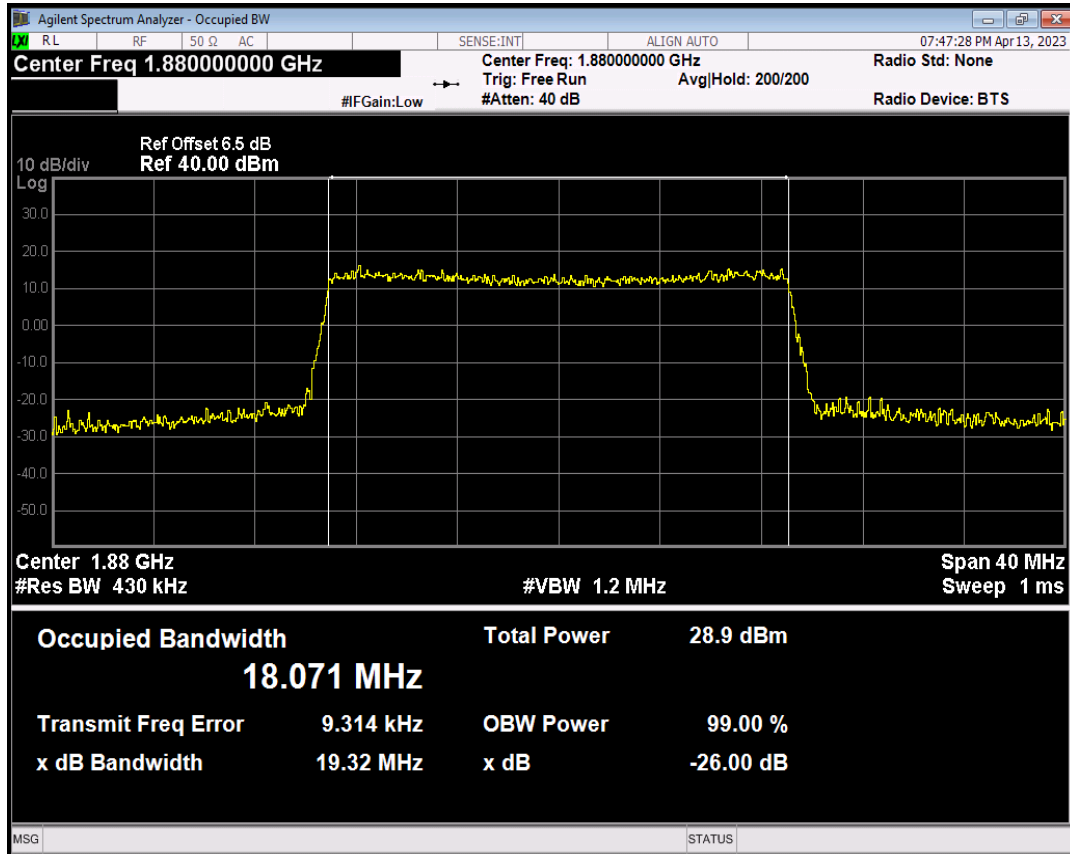
Band2 QPSK BW=20MHz Channel=18700 RB Size=100 Position=#0



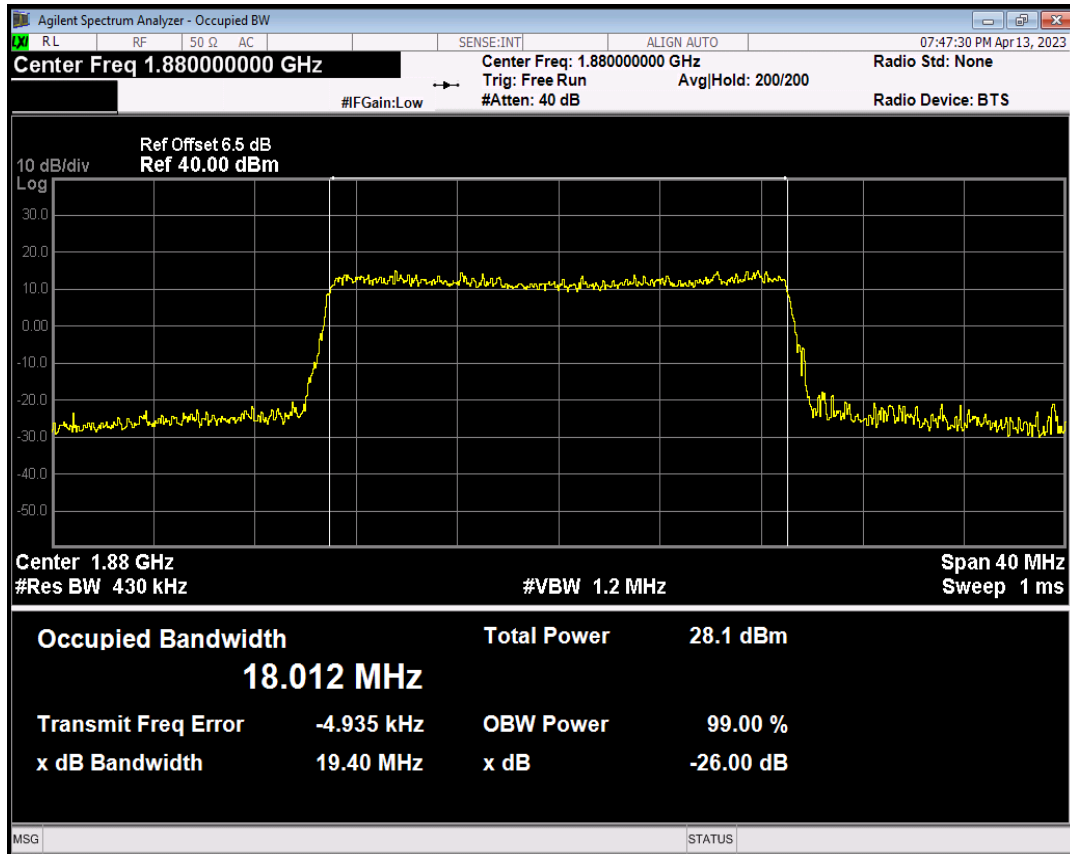
Band2 QAM16 BW=20MHz Channel=18700 RB Size=100 Position=#0



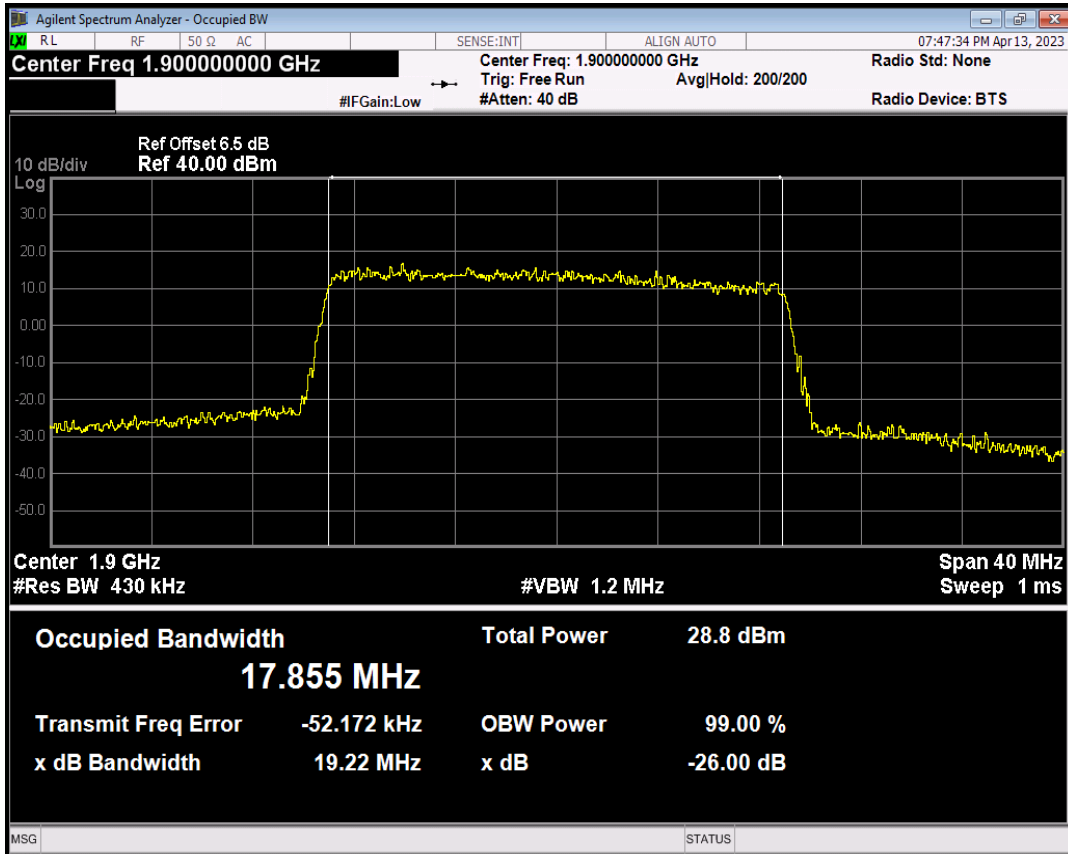
Band2 QPSK BW=20MHz Channel=18900 RB Size=100 Position=#0



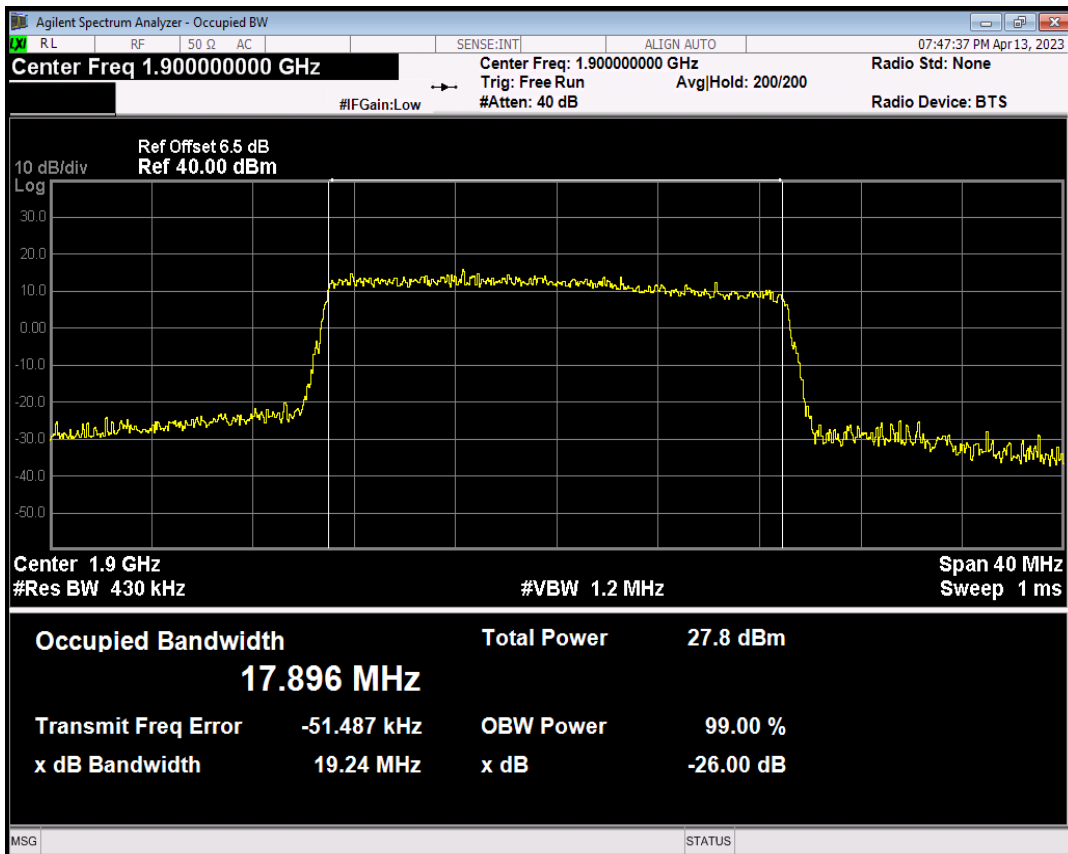
Band2 QAM16 BW=20MHz Channel=18900 RB Size=100 Position=#0



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



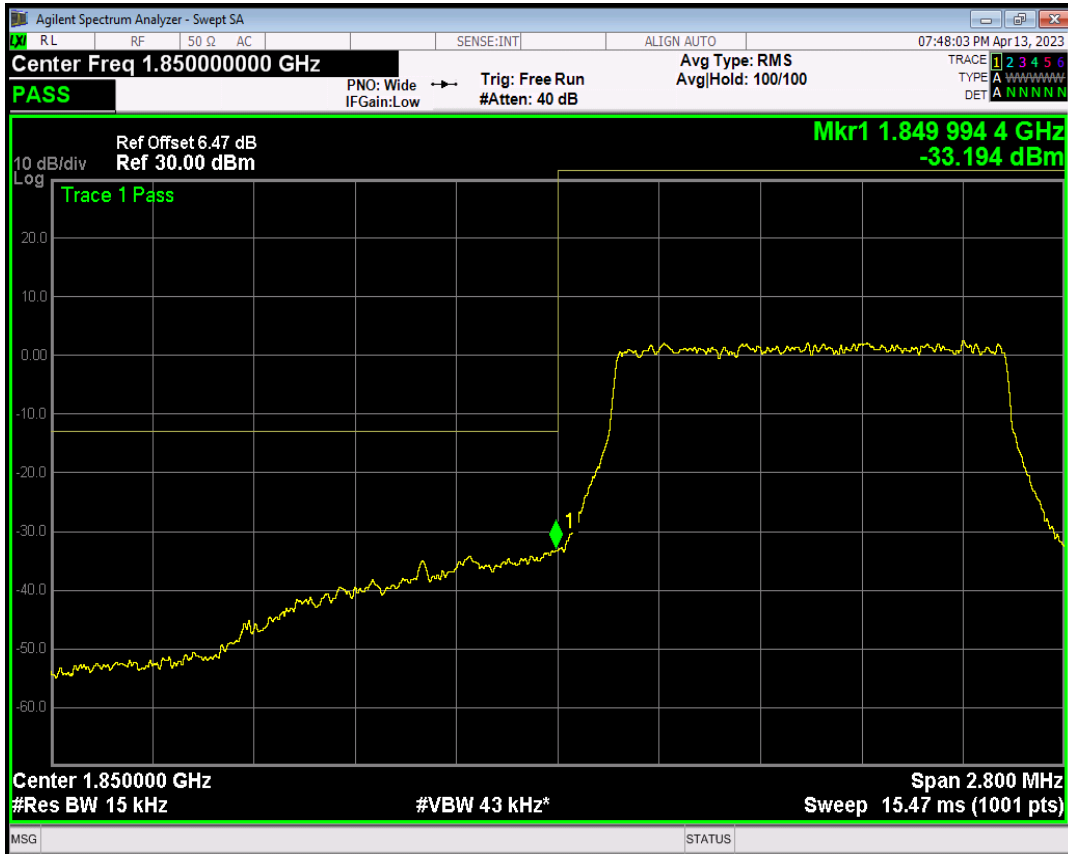
Band2 QAM16 BW=20MHz Channel=19100 RB Size=100 Position=#0



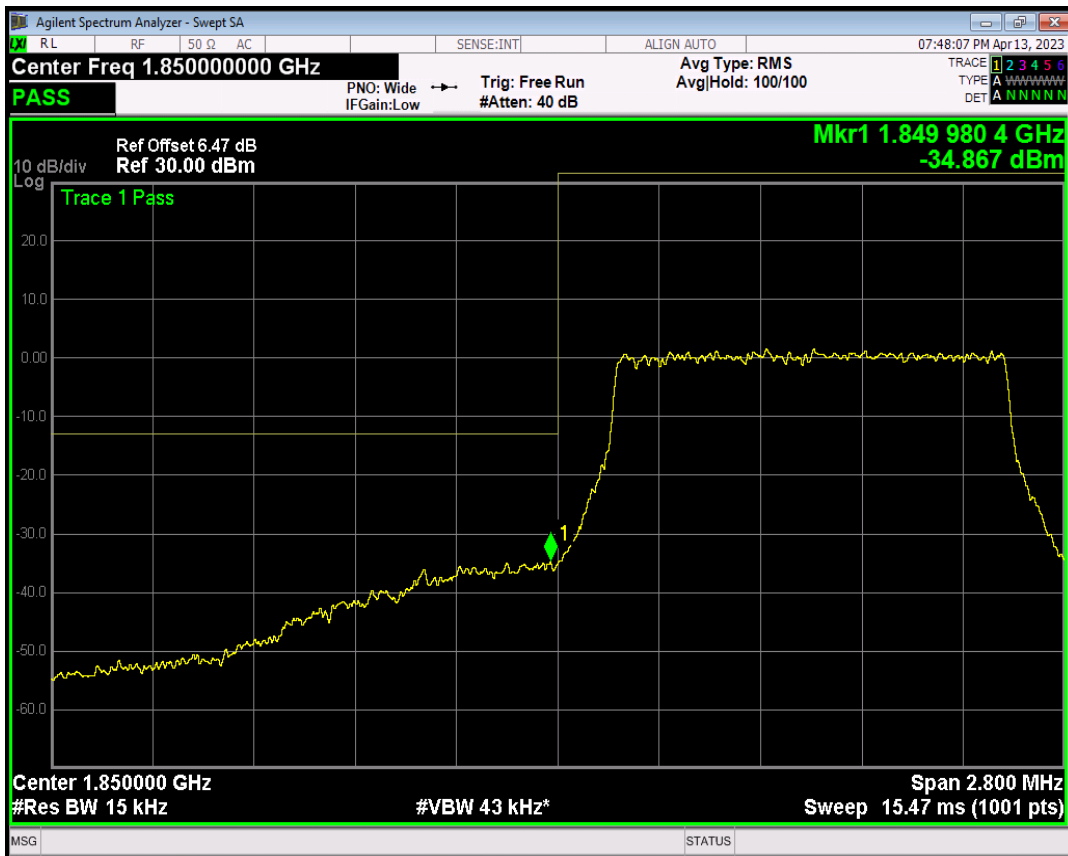
Appendix 5. Band edge

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	1849.99	-33.19	-13	PASS
Band2	1.4	18607	6	#0	QAM16	1849.98	-34.86	-13	PASS
Band2	1.4	19193	6	#0	QPSK	1910.00	-32.35	-13	PASS
Band2	1.4	19193	6	#0	QAM16	1910.01	-34.29	-13	PASS
Band2	3	18615	15	#0	QPSK	1850.00	-30.84	-13	PASS
Band2	3	18615	15	#0	QAM16	1850.00	-32.90	-13	PASS
Band2	3	19185	15	#0	QPSK	1910.01	-30.88	-13	PASS
Band2	3	19185	15	#0	QAM16	1910.00	-31.79	-13	PASS
Band2	5	18625	25	#0	QPSK	1850.00	-33.88	-13	PASS
Band2	5	18625	25	#0	QAM16	1850.00	-35.42	-13	PASS
Band2	5	19175	25	#0	QPSK	1910.02	-33.48	-13	PASS
Band2	5	19175	25	#0	QAM16	1910.00	-35.61	-13	PASS
Band2	10	18650	50	#0	QPSK	1849.42	-34.71	-13	PASS
Band2	10	18650	50	#0	QAM16	1849.52	-36.18	-13	PASS
Band2	10	19150	50	#0	QPSK	1910.00	-37.36	-13	PASS
Band2	10	19150	50	#0	QAM16	1910.60	-39.45	-13	PASS
Band2	15	18675	75	#0	QPSK	1849.79	-33.82	-13	PASS
Band2	15	18675	75	#0	QAM16	1847.60	-35.24	-13	PASS
Band2	15	19125	75	#0	QPSK	1910.21	-39.08	-13	PASS
Band2	15	19125	75	#0	QAM16	1910.00	-39.29	-13	PASS
Band2	20	18700	100	#0	QPSK	1849.92	-35.00	-13	PASS
Band2	20	18700	100	#0	QAM16	1849.84	-35.83	-13	PASS
Band2	20	19100	100	#0	QPSK	1910.12	-40.09	-13	PASS
Band2	20	19100	100	#0	QAM16	1910.24	-41.49	-13	PASS

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



Band2 QAM16 BW=1.4MHz Channel=18607 RB Size=6 Position=#0



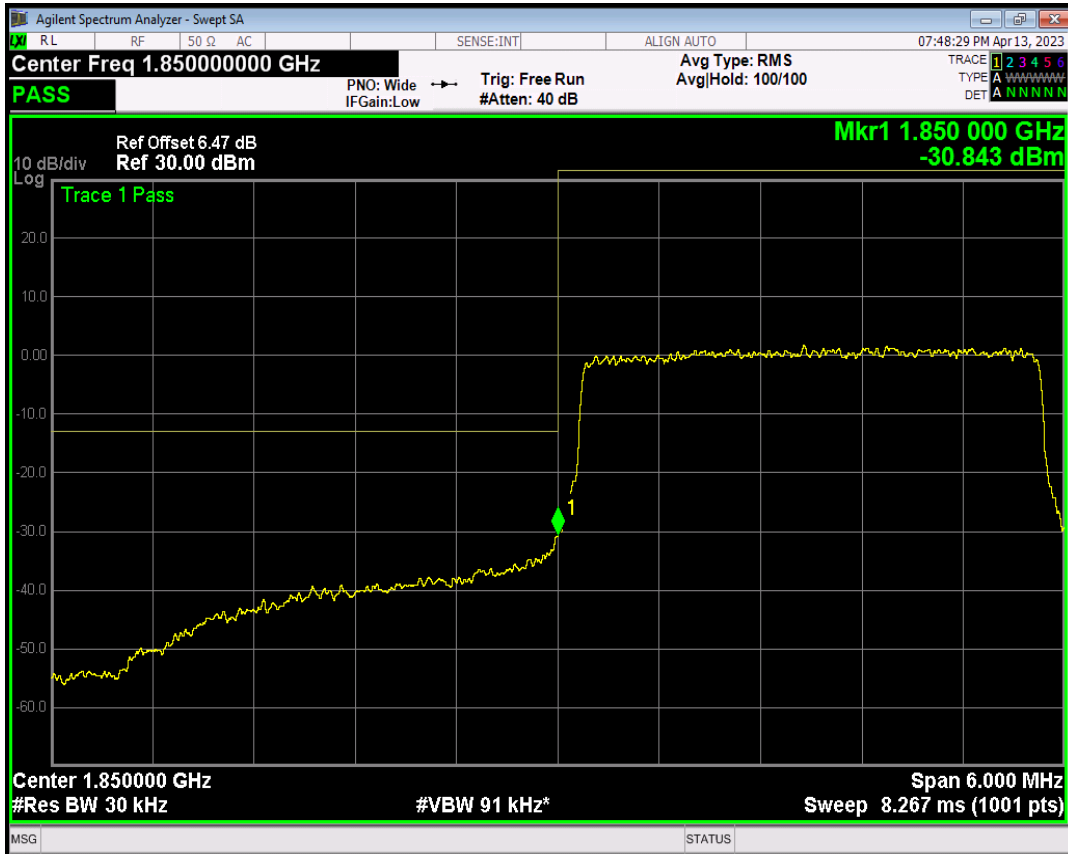
Band2 QPSK BW=1.4MHz Channel=19193 RB Size=6 Position=#0



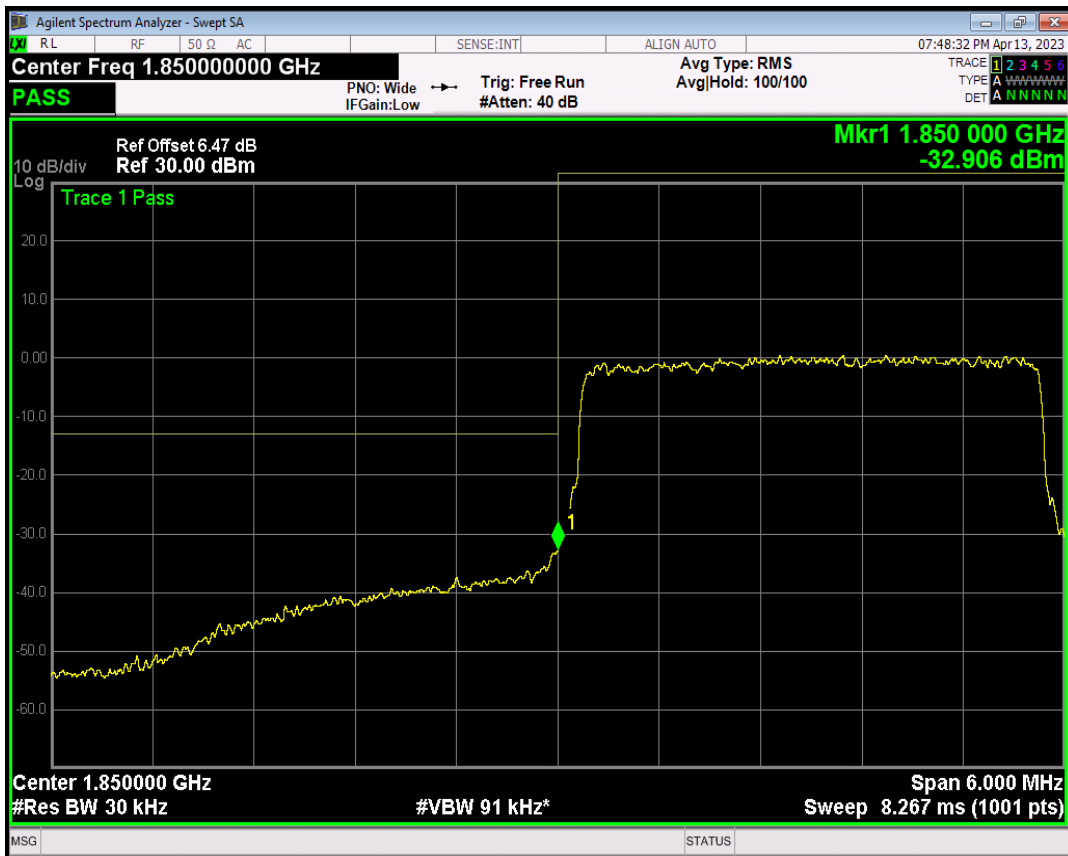
Band2 QAM16 BW=1.4MHz Channel=19193 RB Size=6 Position=#0



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



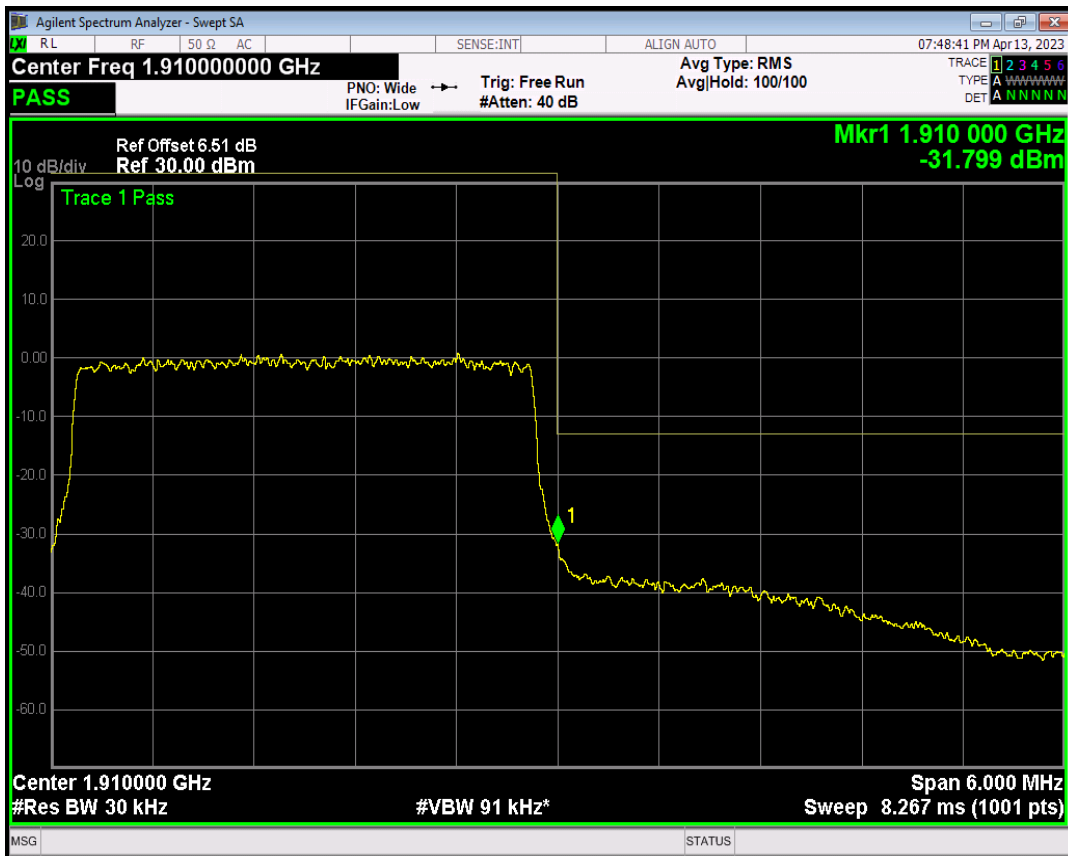
Band2 QAM16 BW=3MHz Channel=18615 RB Size=15 Position=#0



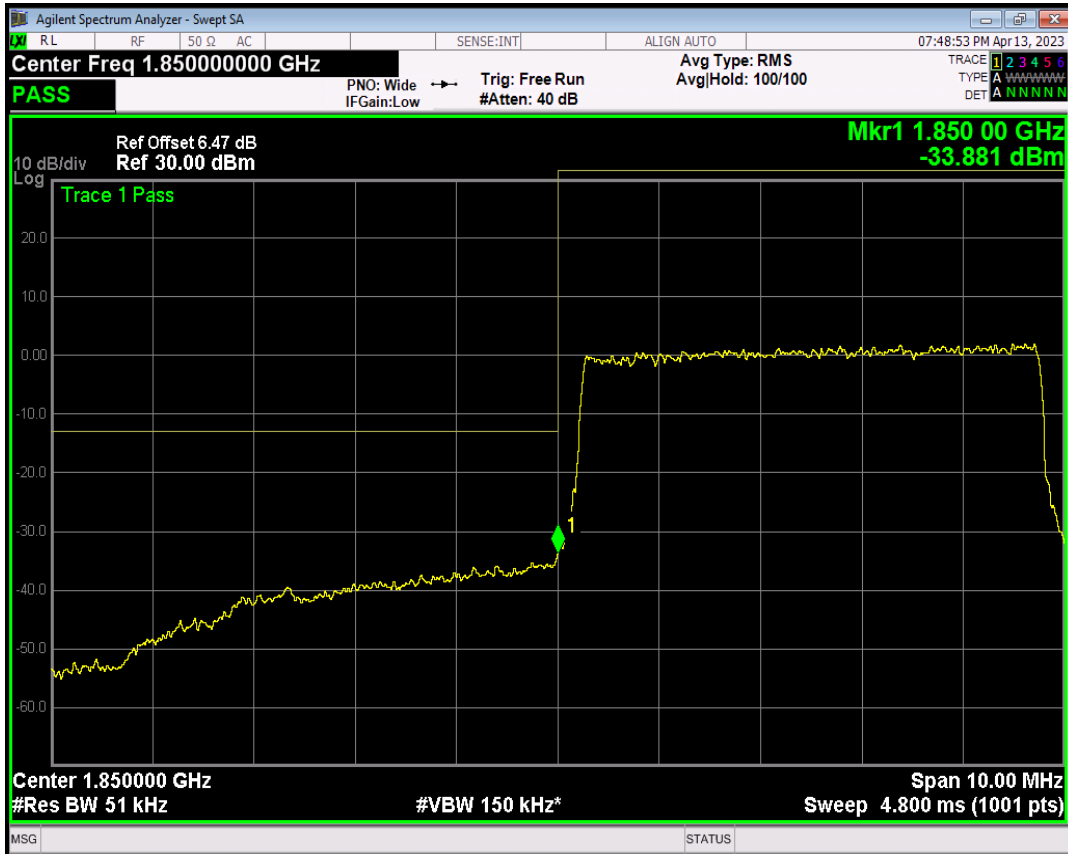
Band2 QPSK BW=3MHz Channel=19185 RB Size=15 Position=#0



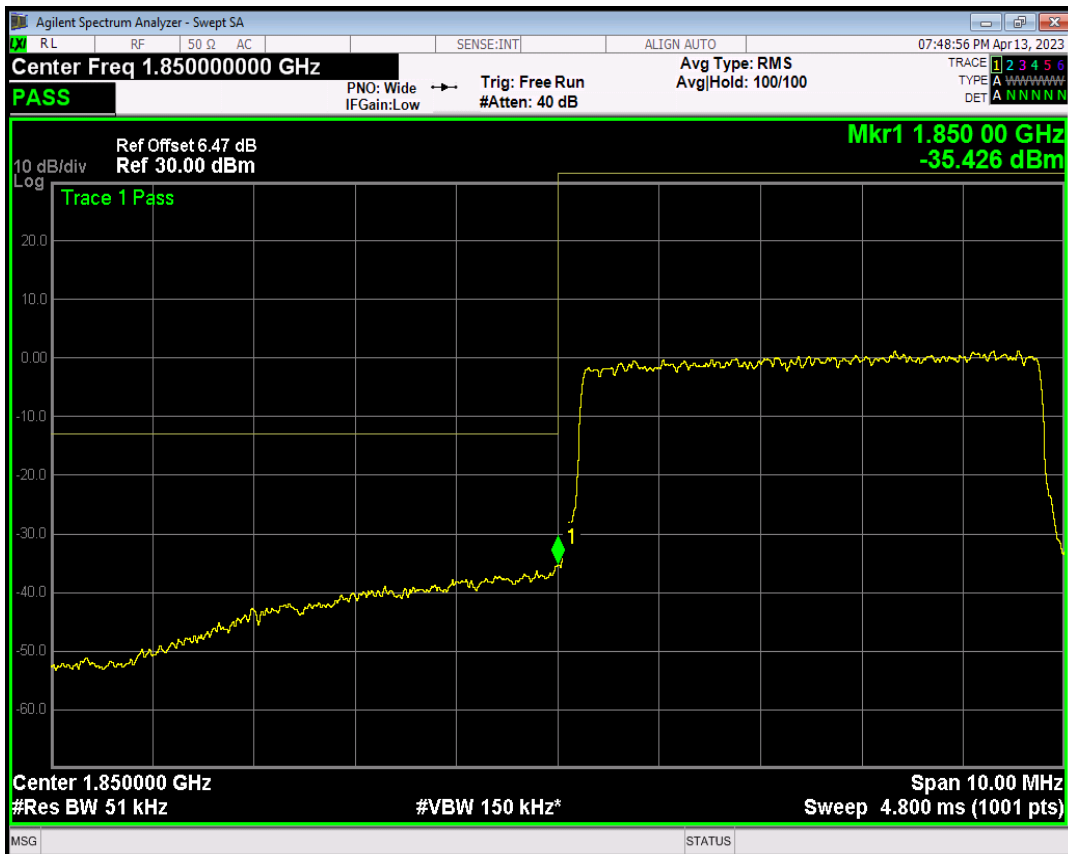
Band2 QAM16 BW=3MHz Channel=19185 RB Size=15 Position=#0



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



Band2 QAM16 BW=5MHz Channel=18625 RB Size=25 Position=#0



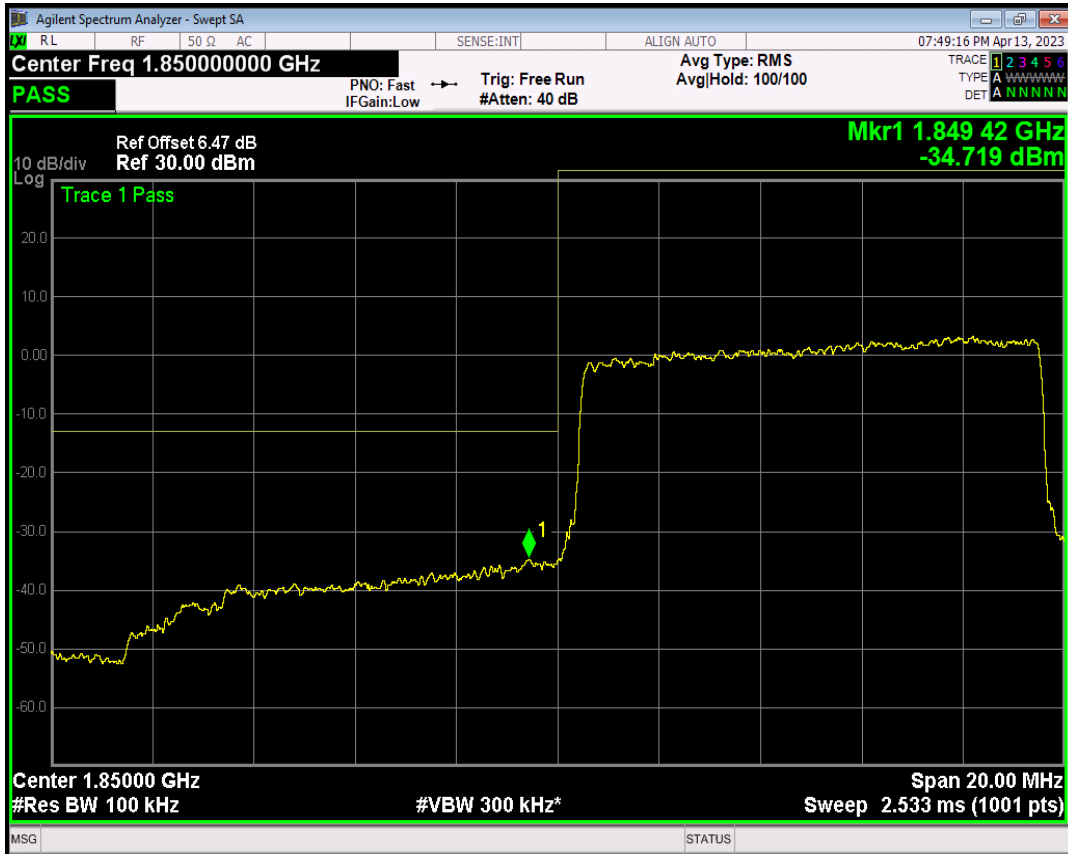
Band2 QPSK BW=5MHz Channel=19175 RB Size=25 Position=#0



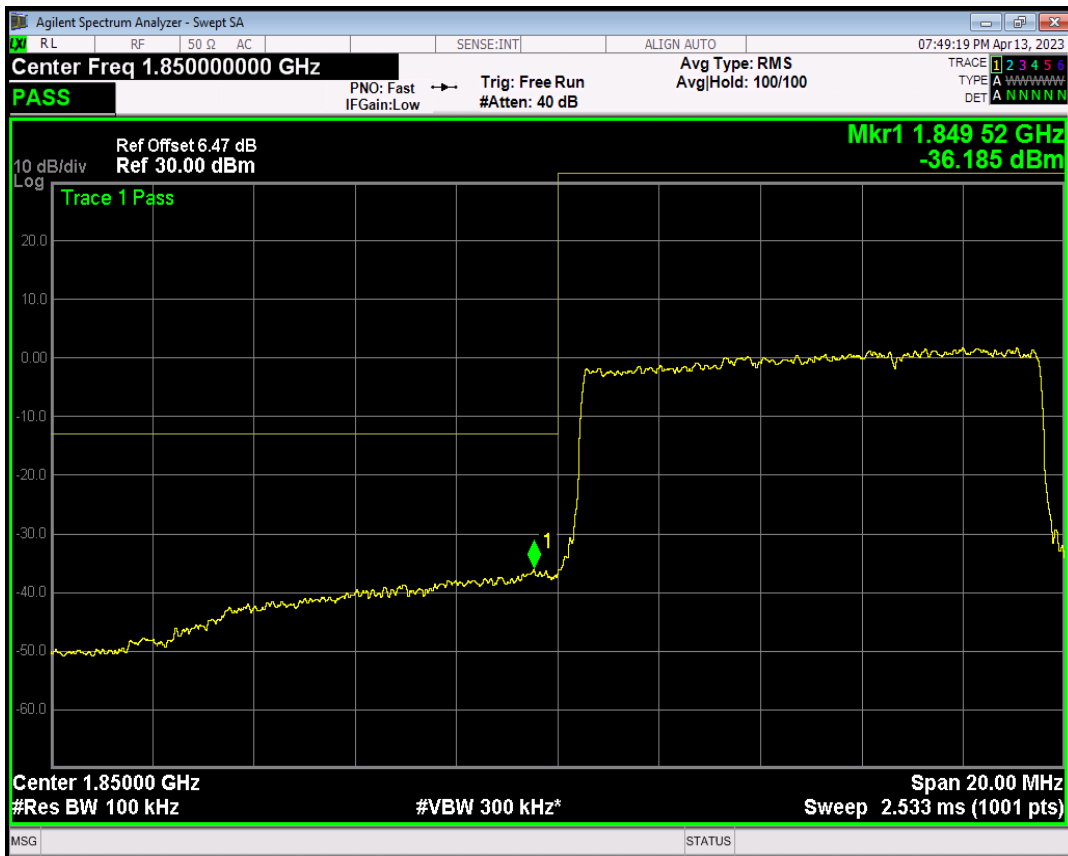
Band2 QAM16 BW=5MHz Channel=19175 RB Size=25 Position=#0



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



Band2 QAM16 BW=10MHz Channel=18650 RB Size=50 Position=#0



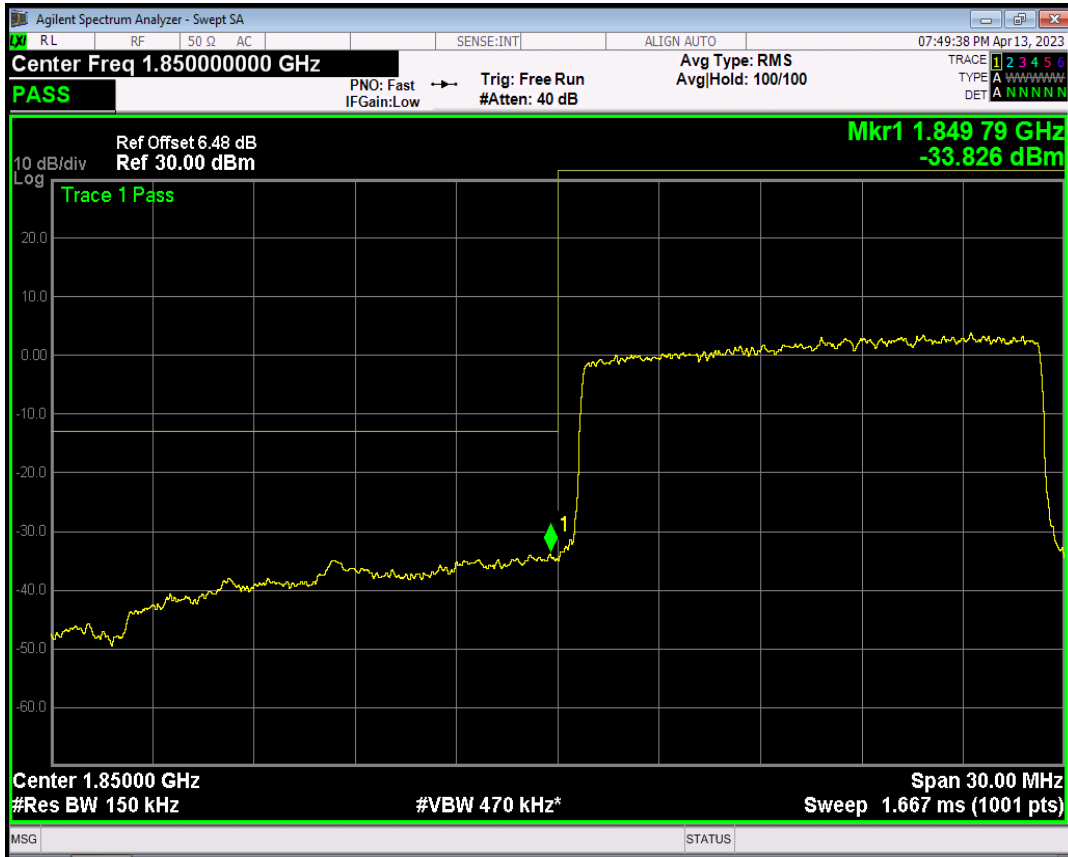
Band2 QPSK BW=10MHz Channel=19150 RB Size=50 Position=#0



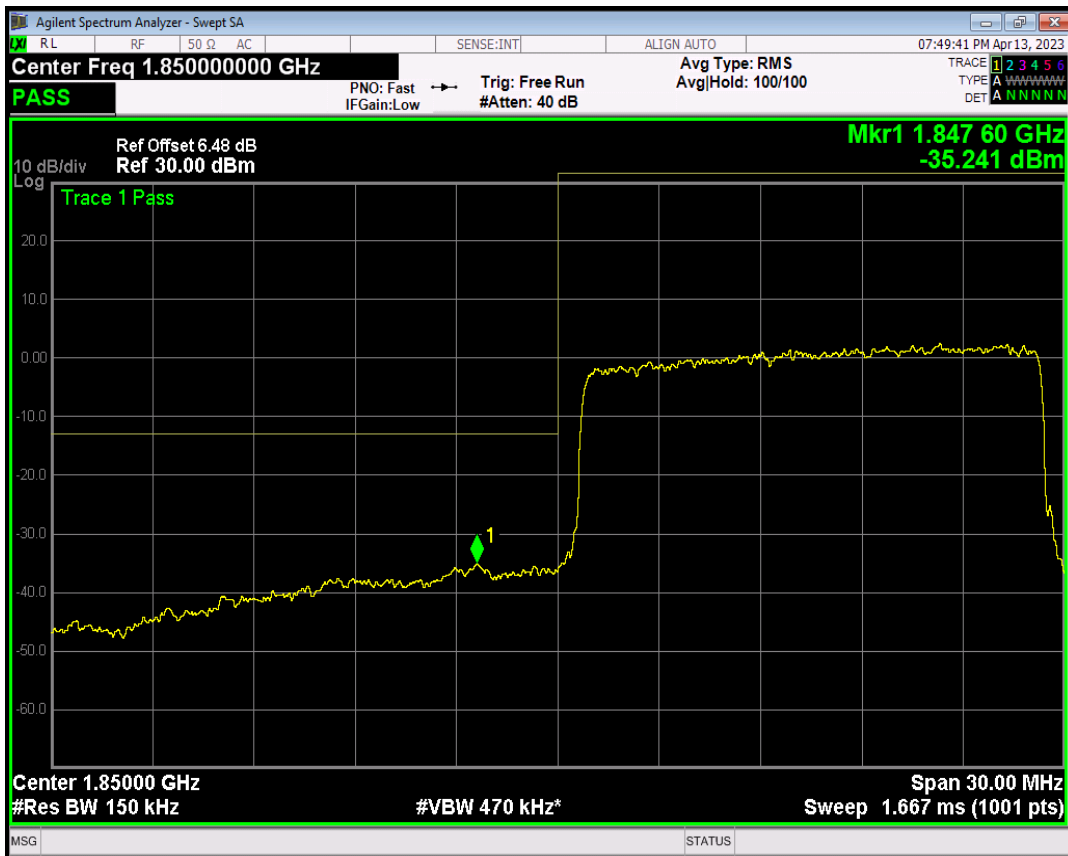
Band2 QAM16 BW=10MHz Channel=19150 RB Size=50 Position=#0



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



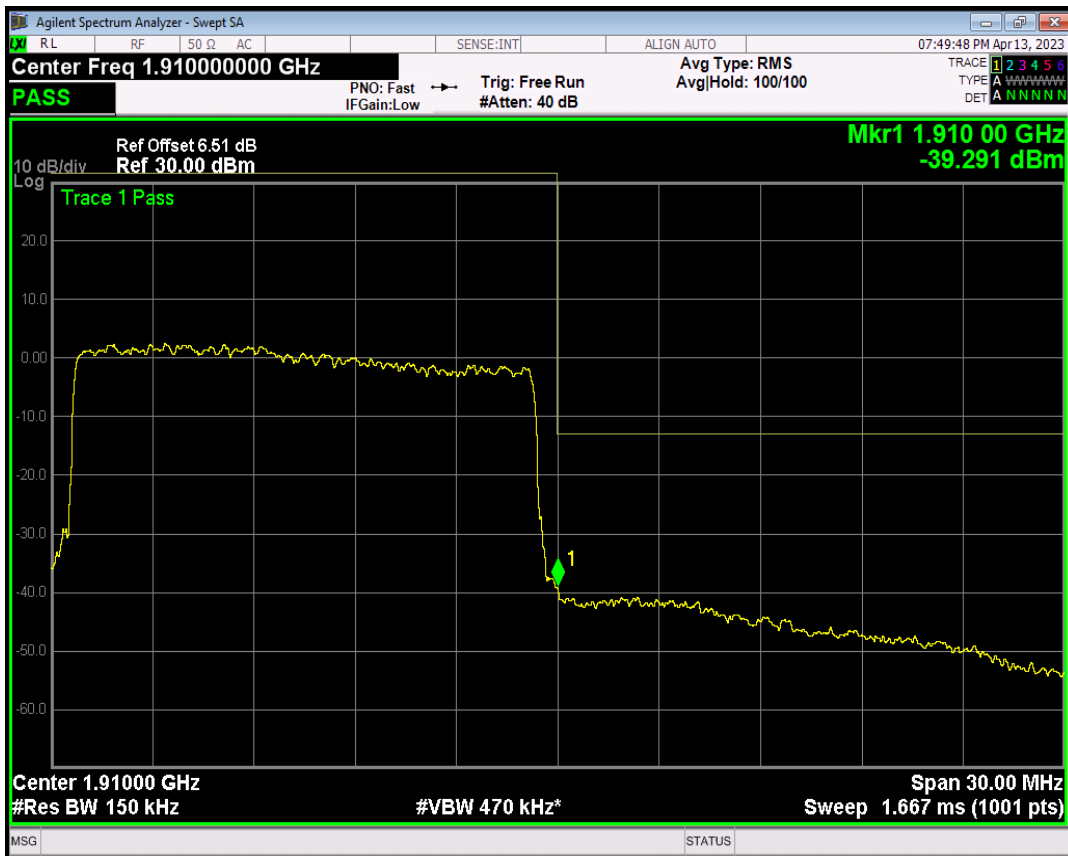
Band2 QAM16 BW=15MHz Channel=18675 RB Size=75 Position=#0



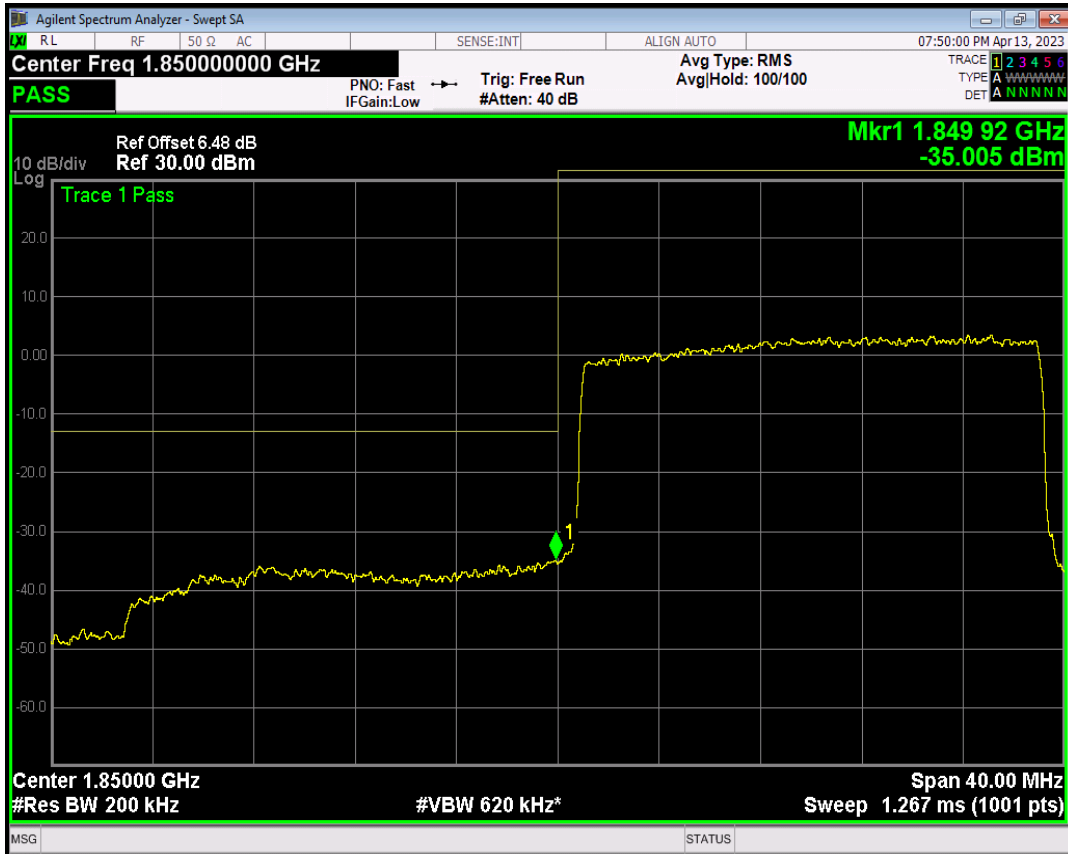
Band2 QPSK BW=15MHz Channel=19125 RB Size=75 Position=#0



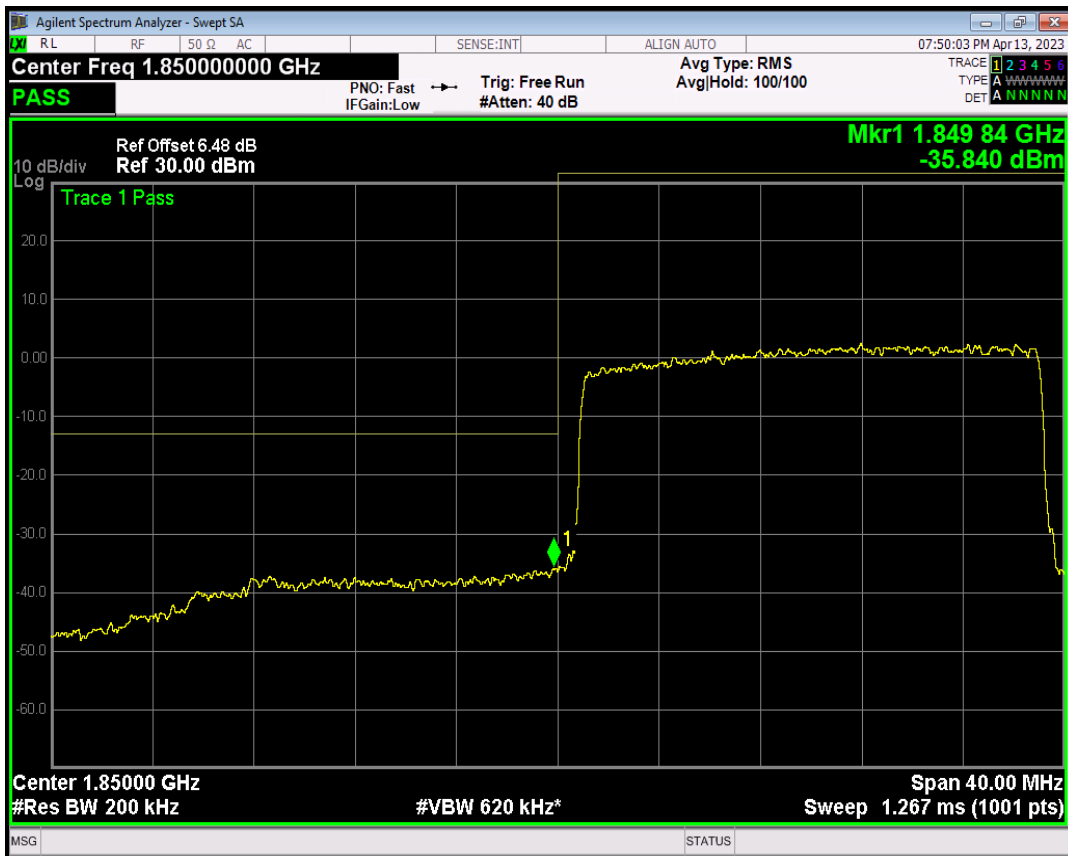
Band2 QAM16 BW=15MHz Channel=19125 RB Size=75 Position=#0



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



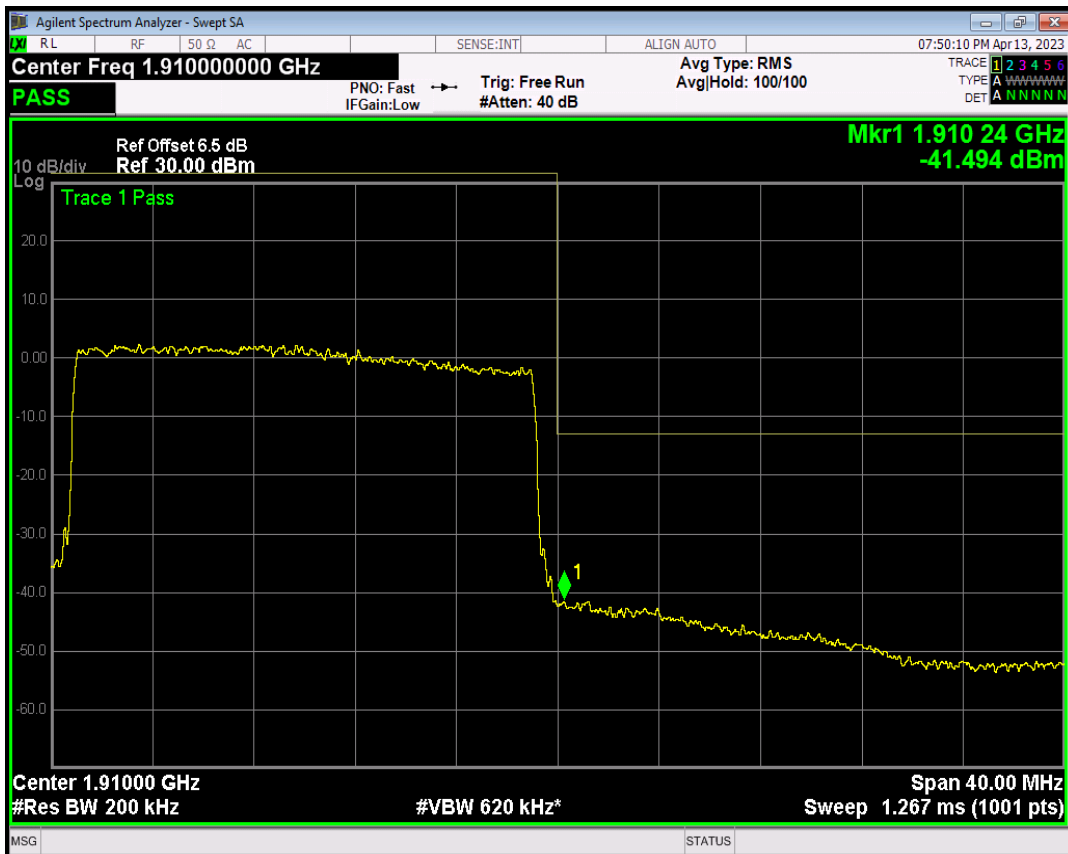
Band2 QAM16 BW=20MHz Channel=18700 RB Size=100 Position=#0



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



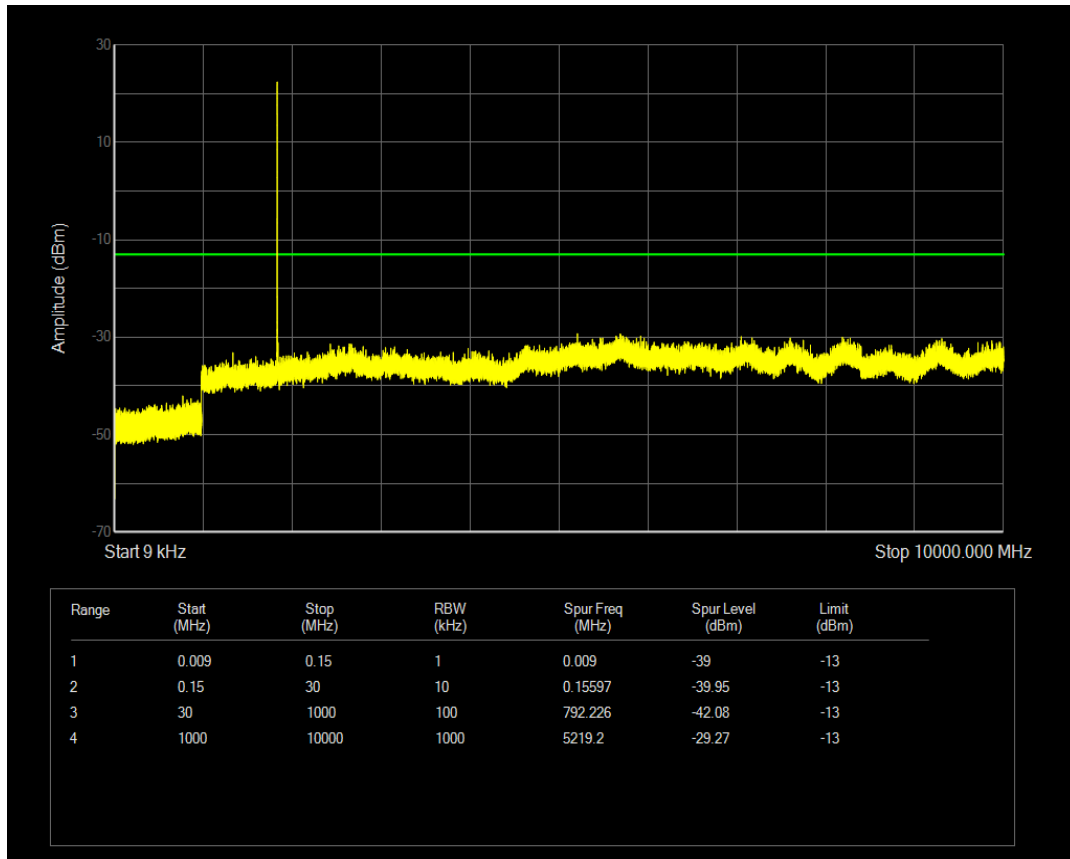
Band2 QAM16 BW=20MHz Channel=19100 RB Size=100 Position=#0



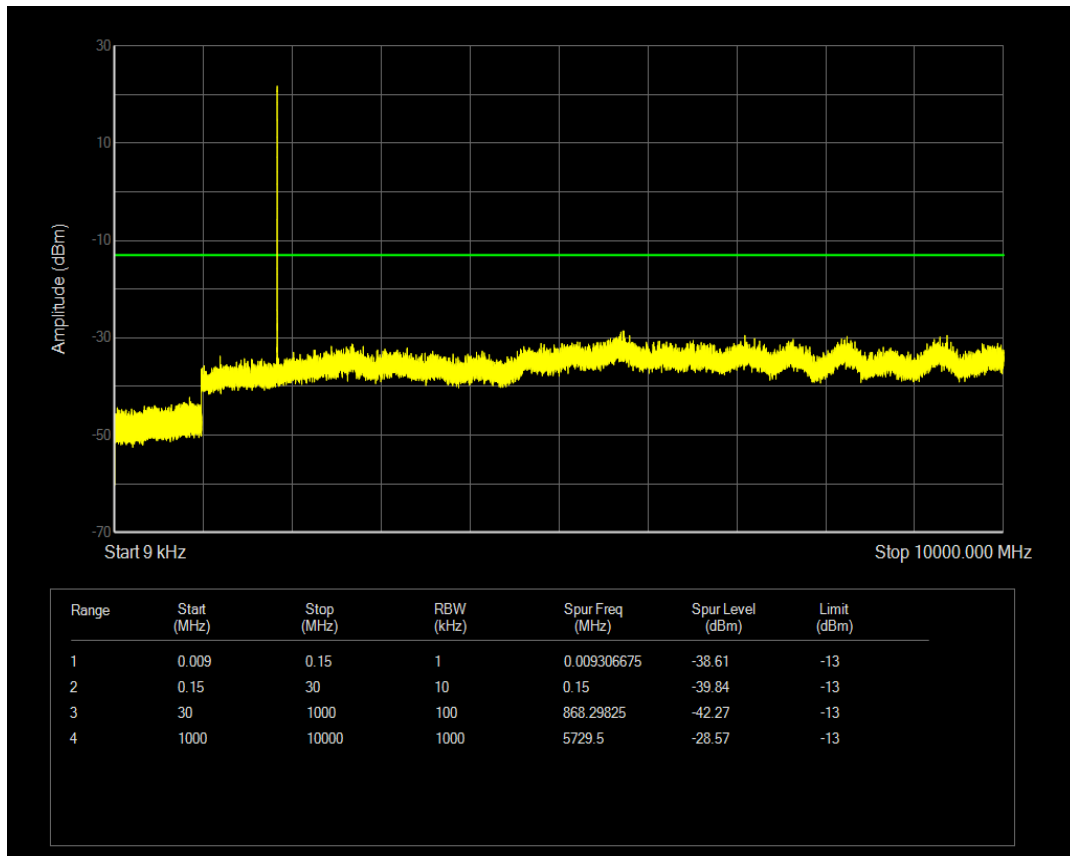
Appendix 6. Out-of-band emissions

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	5219.20	-29.27	-13	PASS
Band2	1.4	18607	6	#0	QAM16	5729.50	-28.57	-13	PASS
Band2	1.4	18900	6	#0	QPSK	5703.85	-29.47	-13	PASS
Band2	1.4	18900	6	#0	QAM16	8196.40	-28.92	-13	PASS
Band2	1.4	19193	6	#0	QPSK	5732.88	-28.70	-13	PASS
Band2	1.4	19193	6	#0	QAM16	5636.35	-28.91	-13	PASS
Band2	3	18615	15	#0	QPSK	5654.35	-28.76	-13	PASS
Band2	3	18615	15	#0	QAM16	5693.50	-29.07	-13	PASS
Band2	3	18900	15	#0	QPSK	5698.23	-29.24	-13	PASS
Band2	3	18900	15	#0	QAM16	7115.73	-29.48	-13	PASS
Band2	3	19185	15	#0	QPSK	8241.40	-28.45	-13	PASS
Band2	3	19185	15	#0	QAM16	5684.28	-29.33	-13	PASS
Band2	5	18625	25	#0	QPSK	5675.95	-29.03	-13	PASS
Band2	5	18625	25	#0	QAM16	7132.60	-29.02	-13	PASS
Band2	5	18900	25	#0	QPSK	5689.45	-27.93	-13	PASS
Band2	5	18900	25	#0	QAM16	8195.73	-28.55	-13	PASS
Band2	5	19175	25	#0	QPSK	6486.40	-29.44	-13	PASS
Band2	5	19175	25	#0	QAM16	5677.53	-28.88	-13	PASS
Band2	10	18650	50	#0	QPSK	5587.30	-28.86	-13	PASS
Band2	10	18650	50	#0	QAM16	8173.90	-29.18	-13	PASS
Band2	10	18900	50	#0	QPSK	5741.43	-28.72	-13	PASS
Band2	10	18900	50	#0	QAM16	5696.20	-29.50	-13	PASS
Band2	10	19150	50	#0	QPSK	5706.33	-29.04	-13	PASS
Band2	10	19150	50	#0	QAM16	5705.65	-29.44	-13	PASS
Band2	15	18675	75	#0	QPSK	5687.65	-28.60	-13	PASS
Band2	15	18675	75	#0	QAM16	9230.95	-29.49	-13	PASS
Band2	15	18900	75	#0	QPSK	5605.98	-29.21	-13	PASS
Band2	15	18900	75	#0	QAM16	5704.30	-28.39	-13	PASS
Band2	15	19125	75	#0	QPSK	5666.95	-28.93	-13	PASS
Band2	15	19125	75	#0	QAM16	7097.73	-28.73	-13	PASS
Band2	20	18700	100	#0	QPSK	5681.58	-29.49	-13	PASS
Band2	20	18700	100	#0	QAM16	5801.73	-28.93	-13	PASS
Band2	20	18900	100	#0	QPSK	5662.45	-28.52	-13	PASS
Band2	20	18900	100	#0	QAM16	7110.33	-29.37	-13	PASS
Band2	20	19100	100	#0	QPSK	5688.55	-28.40	-13	PASS
Band2	20	19100	100	#0	QAM16	5779.00	-27.76	-13	PASS

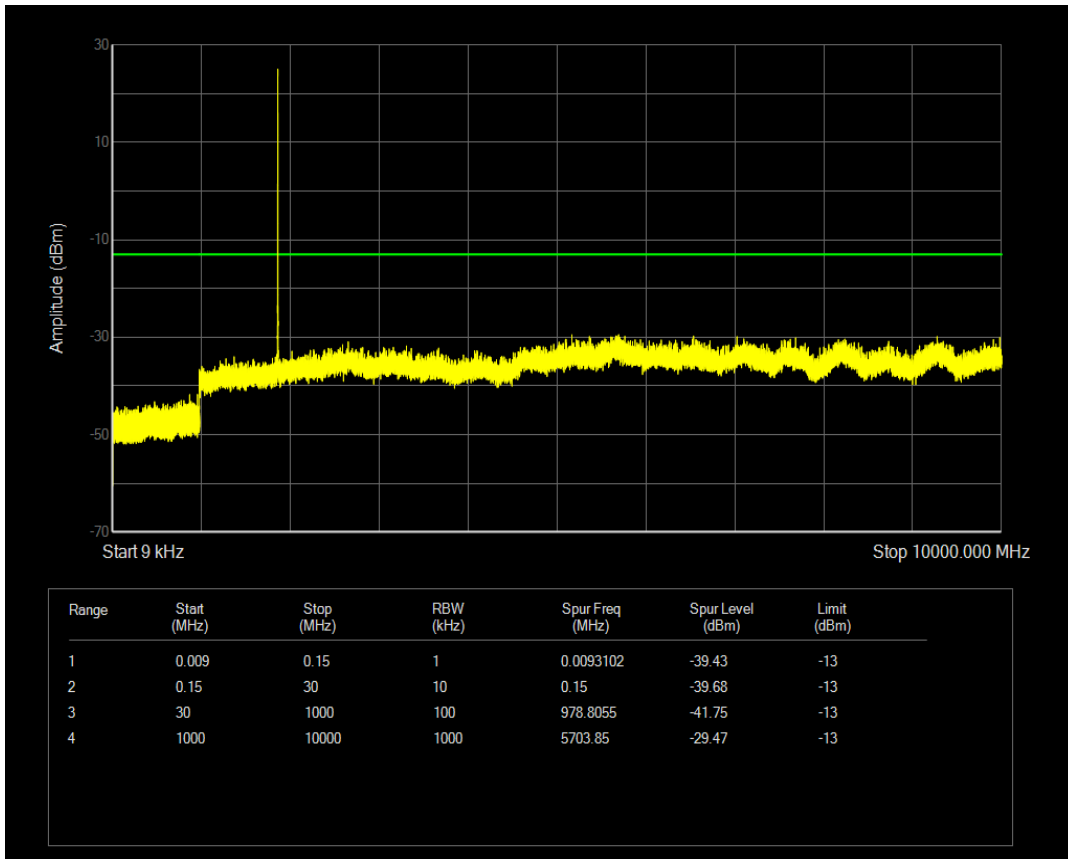
Band2 QPSK BW=1.4MHz Channel=18607 RB Size=6 Position=#0



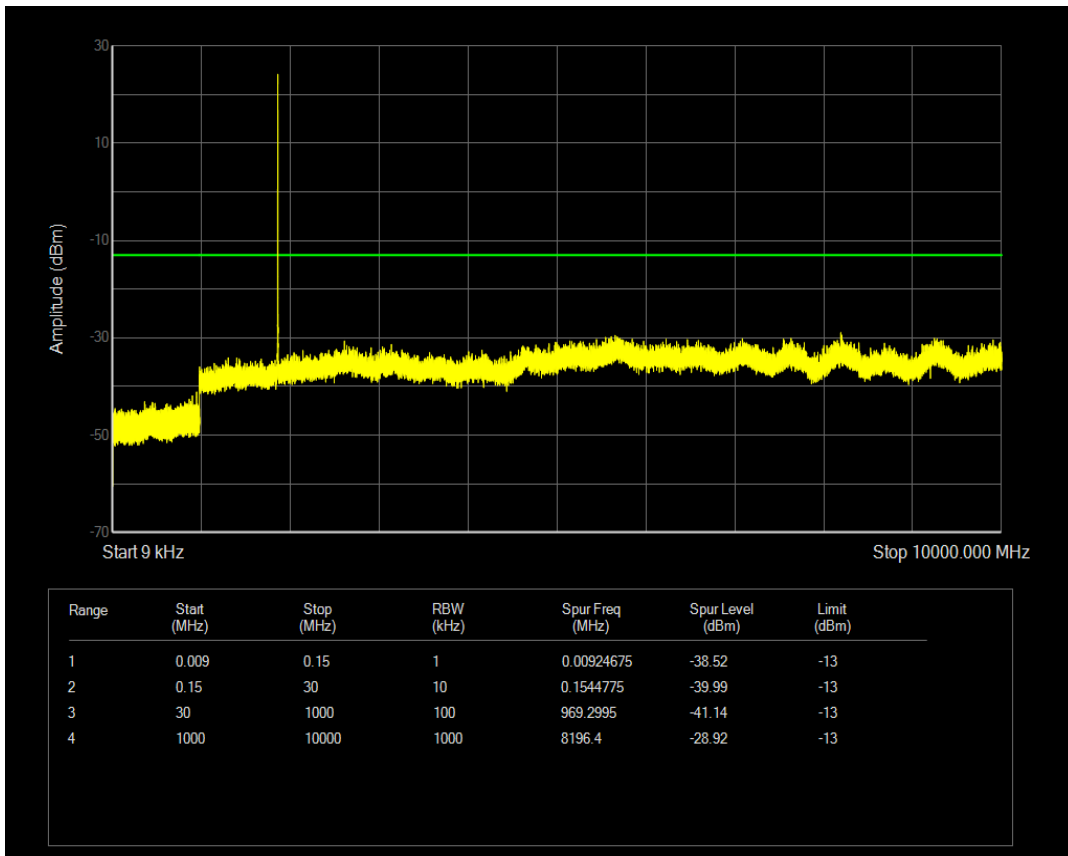
Band2 QAM16 BW=1.4MHz Channel=18607 RB Size=6 Position=#0



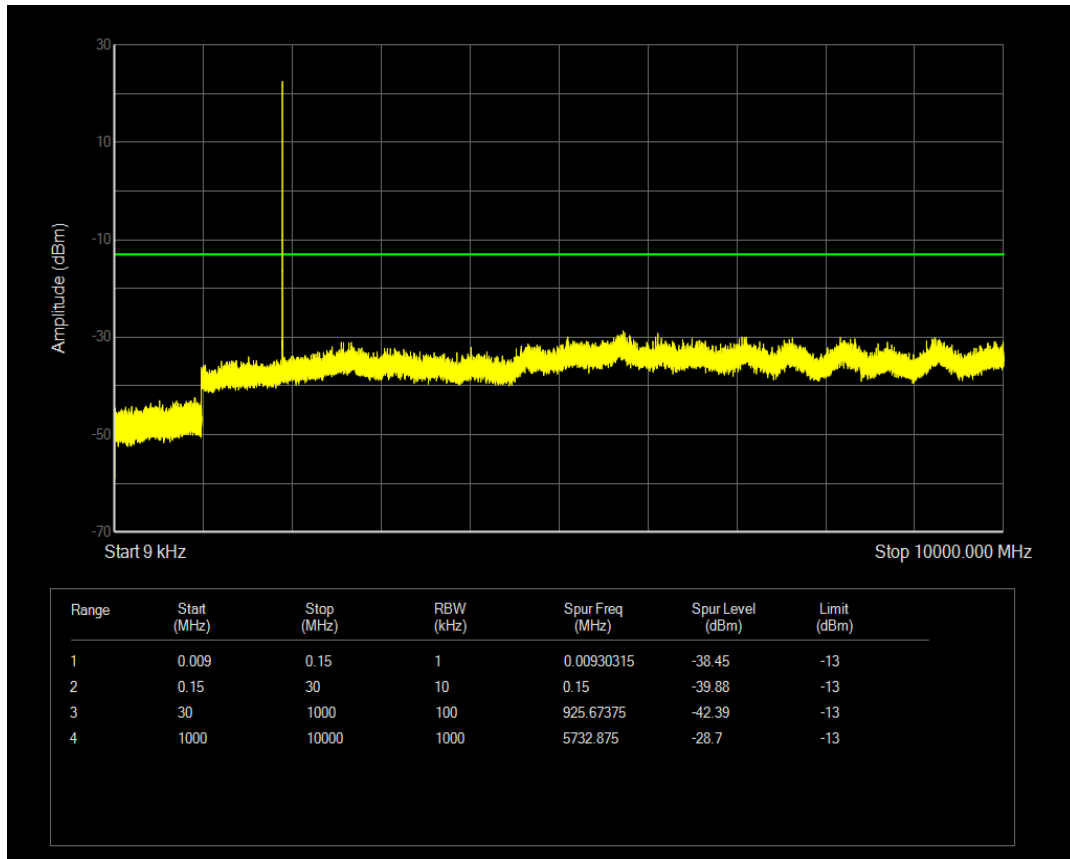
Band2 QPSK BW=1.4MHz Channel=18900 RB Size=6 Position=#0



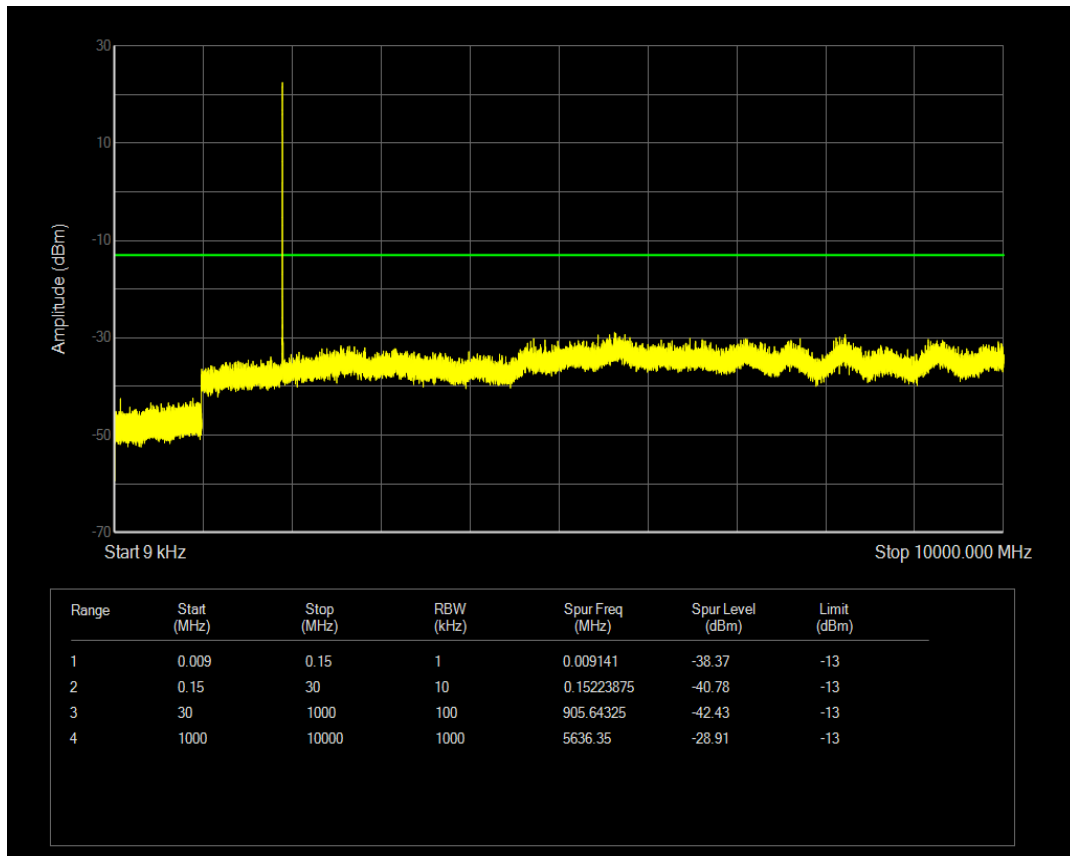
Band2 QAM16 BW=1.4MHz Channel=18900 RB Size=6 Position=#0



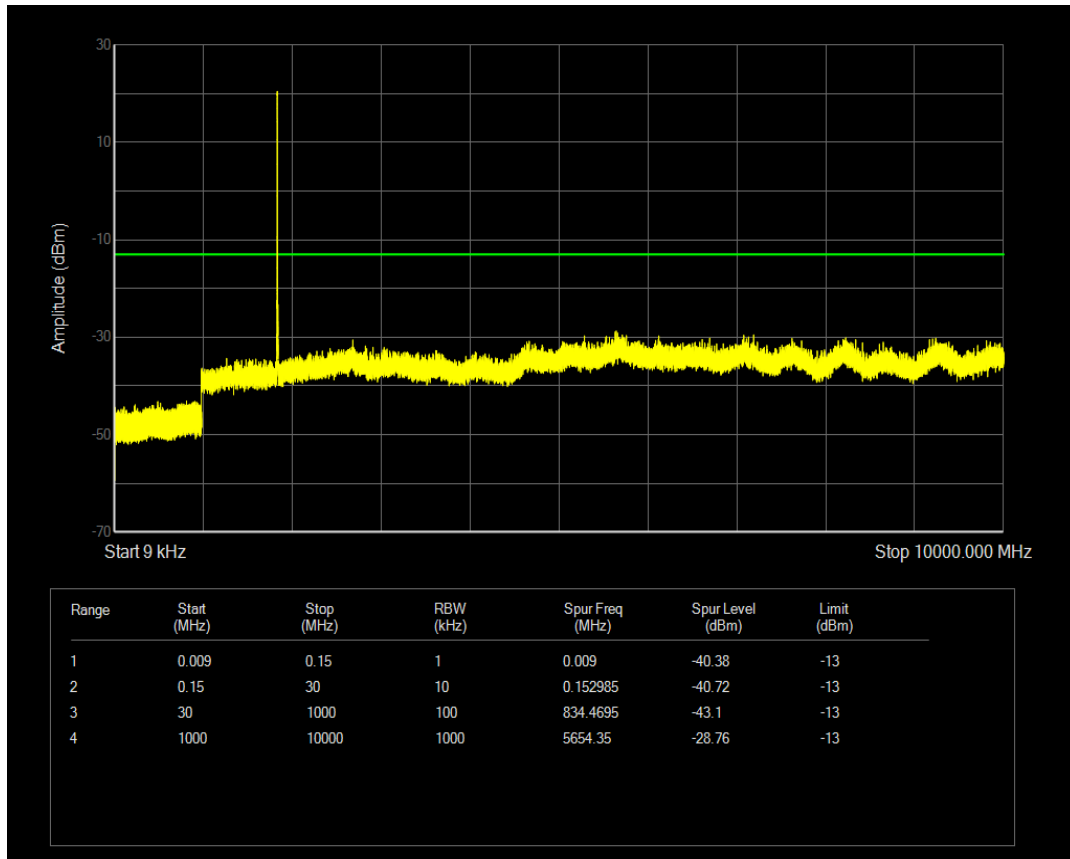
Band2 QPSK BW=1.4MHz Channel=19193 RB Size=6 Position=#0



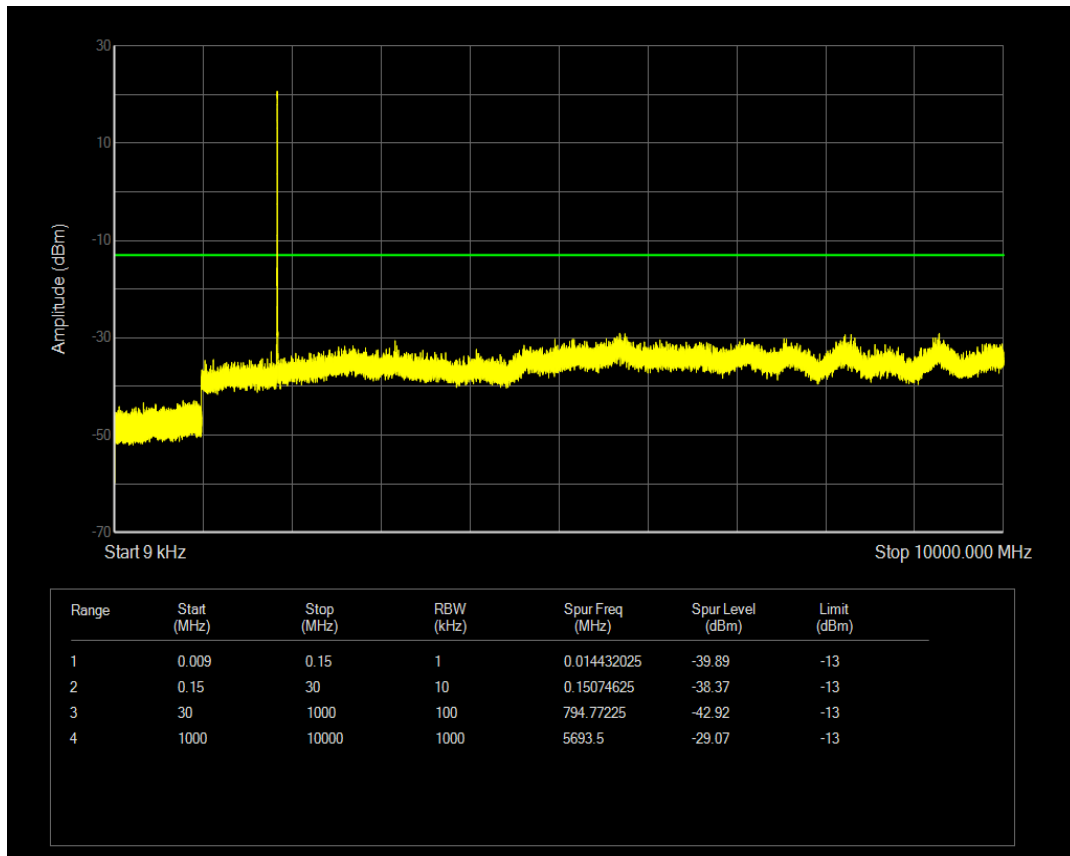
Band2 QAM16 BW=1.4MHz Channel=19193 RB Size=6 Position=#0



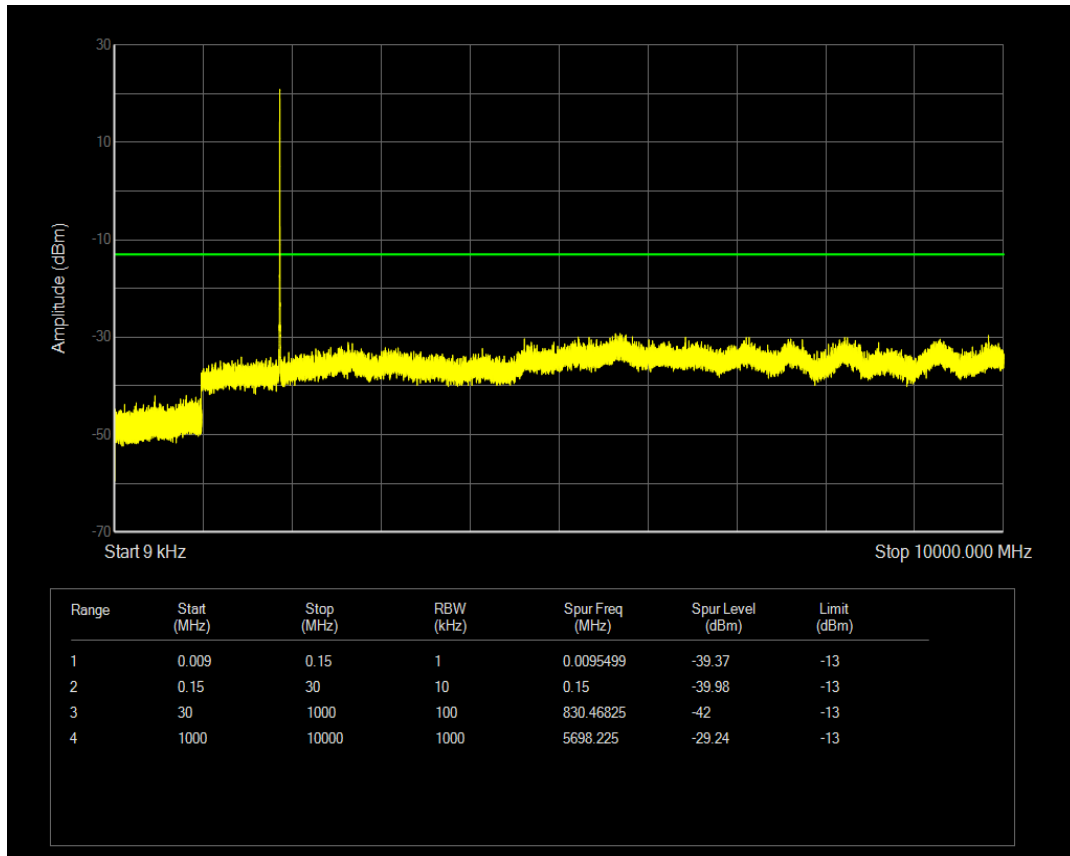
Band2 QPSK BW=3MHz Channel=18615 RB Size=15 Position=#0



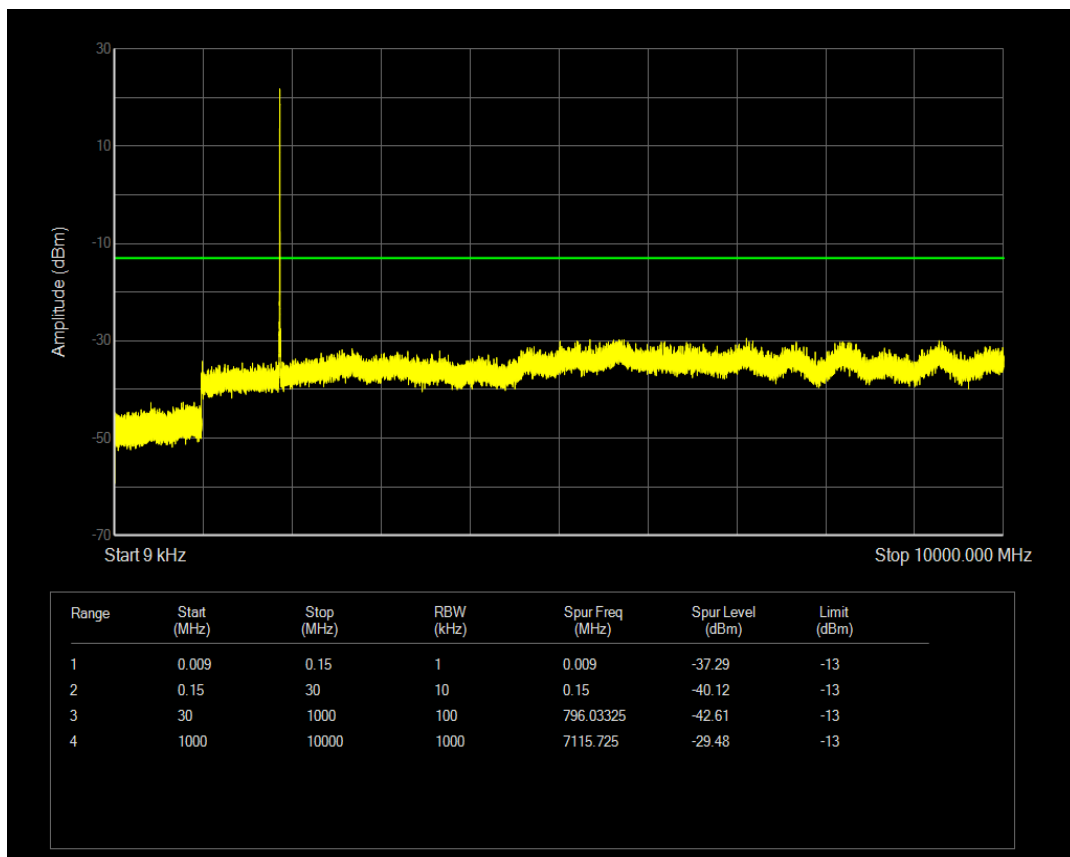
Band2 QAM16 BW=3MHz Channel=18615 RB Size=15 Position=#0



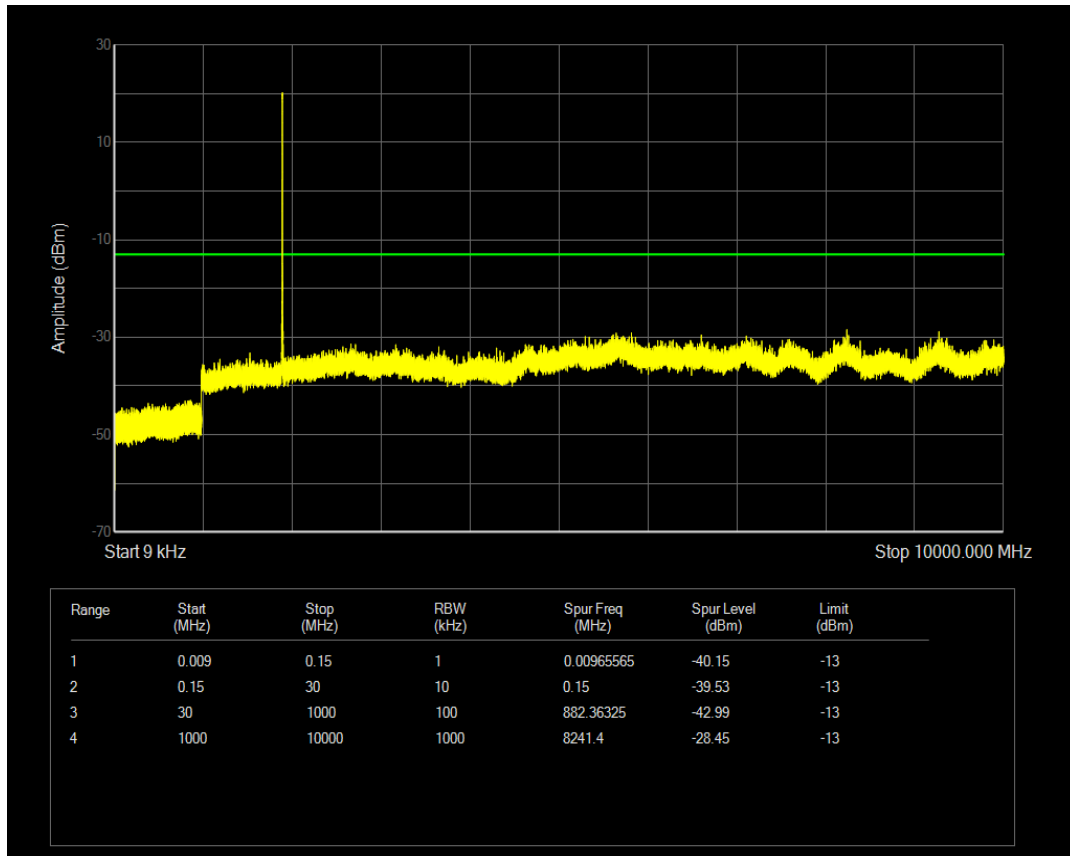
Band2 QPSK BW=3MHz Channel=18900 RB Size=15 Position=#0



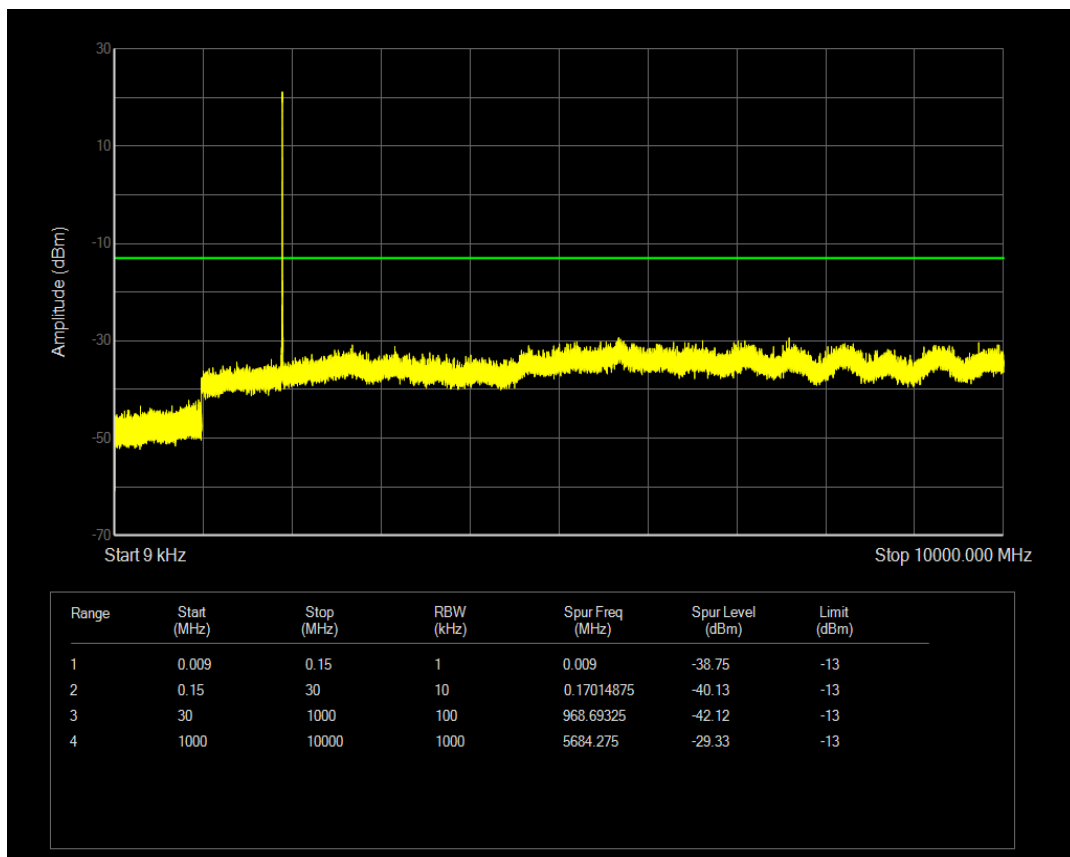
Band2 QAM16 BW=3MHz Channel=18900 RB Size=15 Position=#0



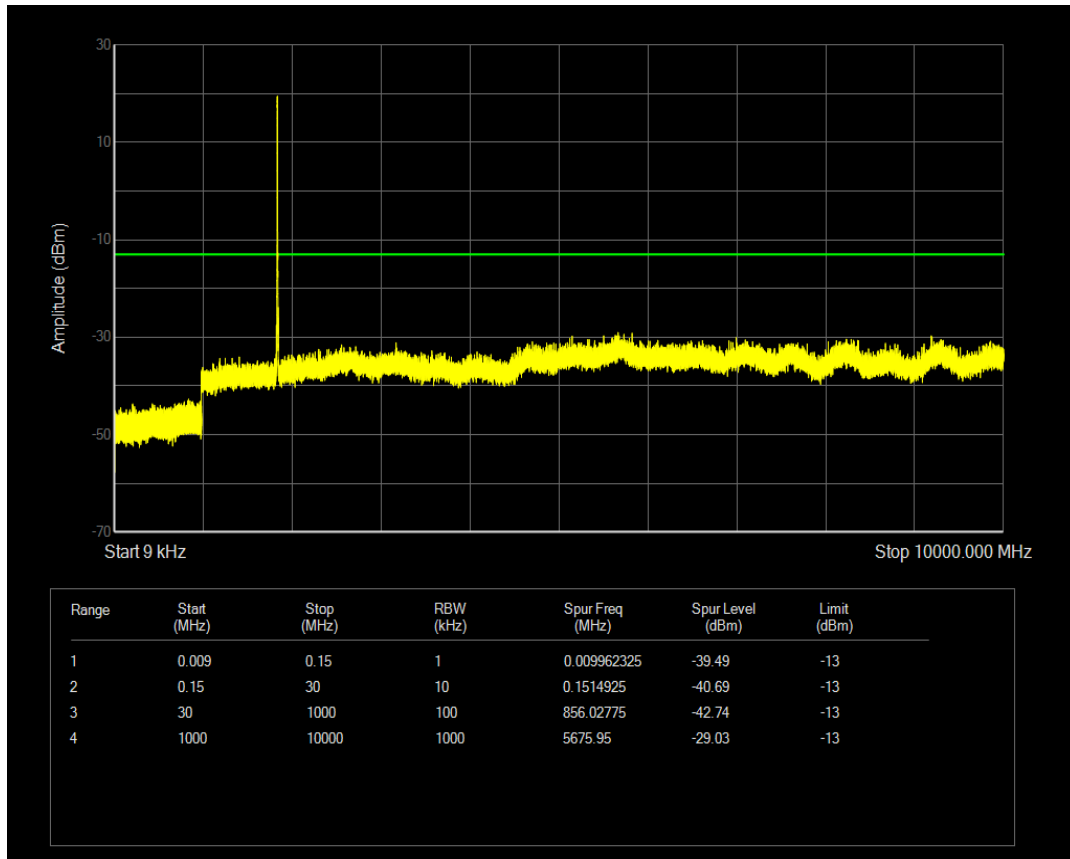
Band2 QPSK BW=3MHz Channel=19185 RB Size=15 Position=#0



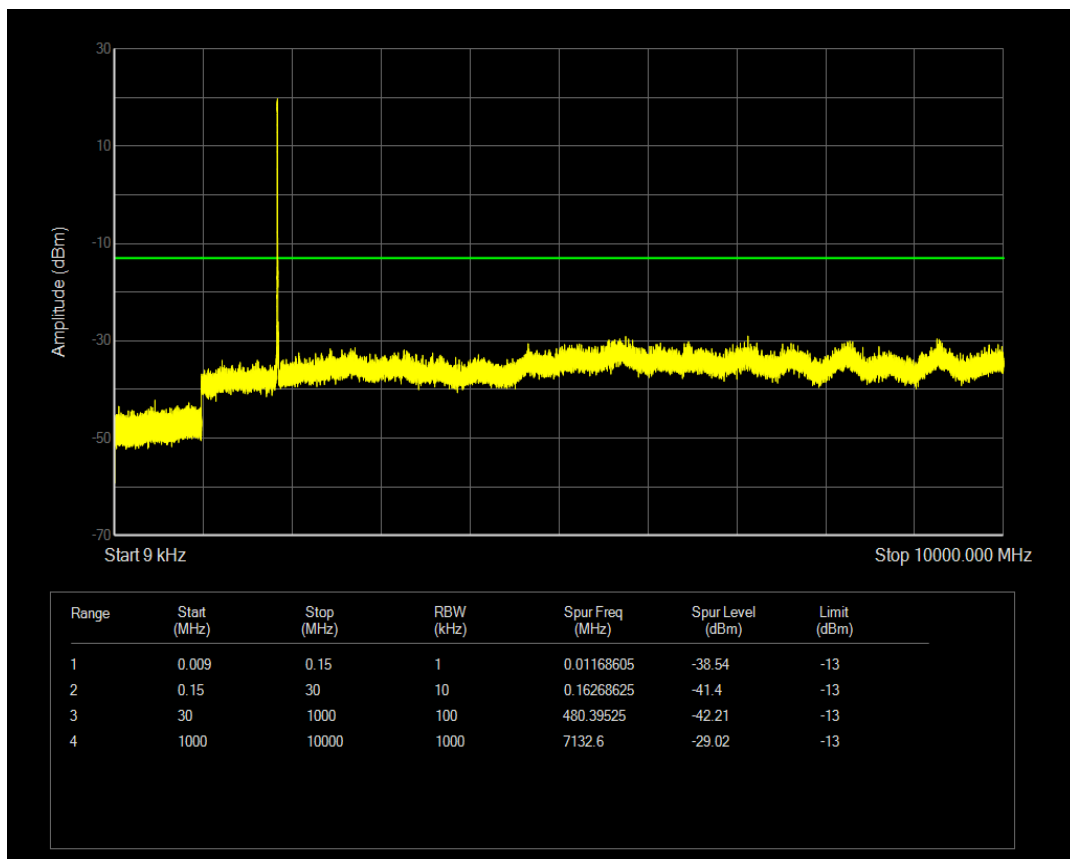
Band2 QAM16 BW=3MHz Channel=19185 RB Size=15 Position=#0



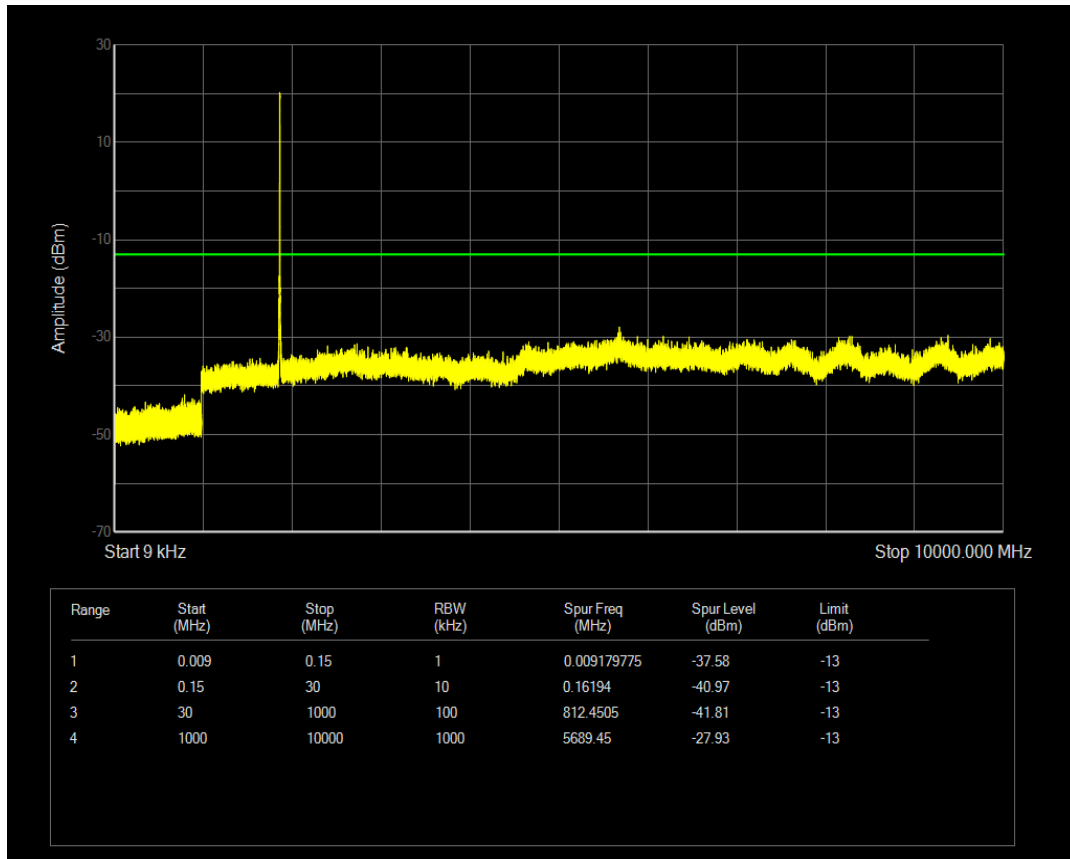
Band2 QPSK BW=5MHz Channel=18625 RB Size=25 Position=#0



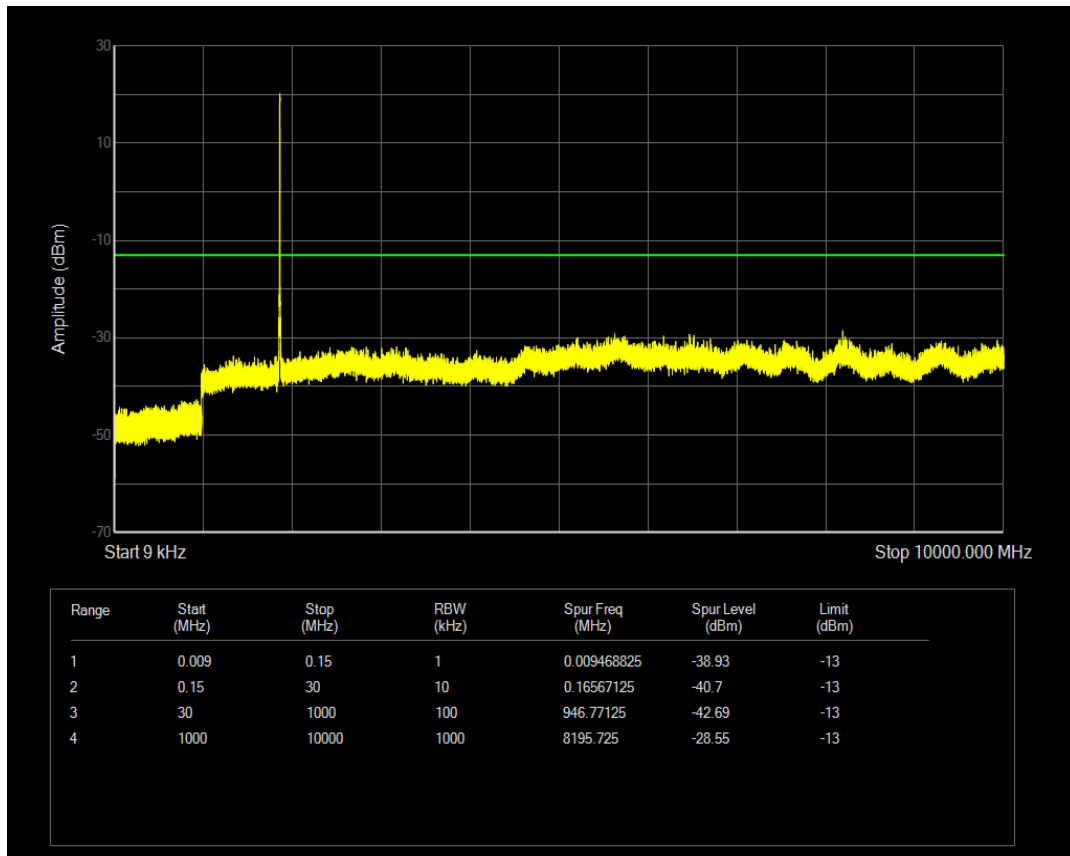
Band2 QAM16 BW=5MHz Channel=18625 RB Size=25 Position=#0



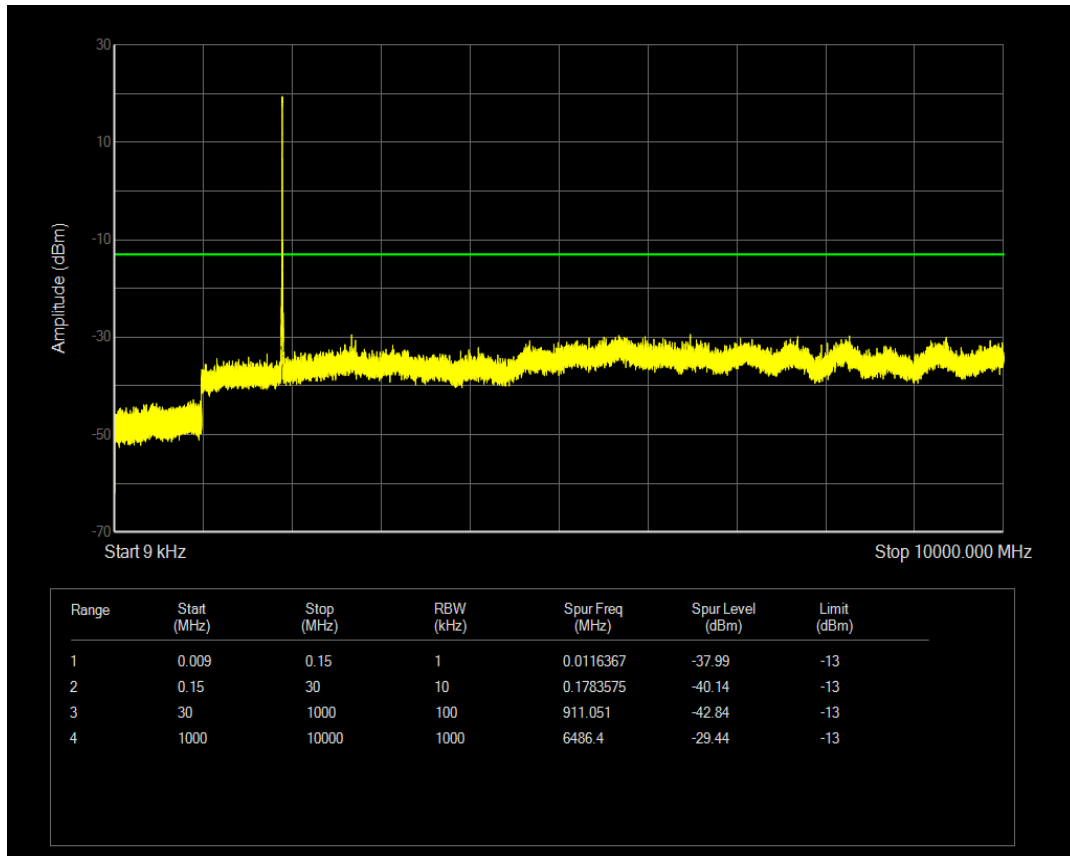
Band2 QPSK BW=5MHz Channel=18900 RB Size=25 Position=#0



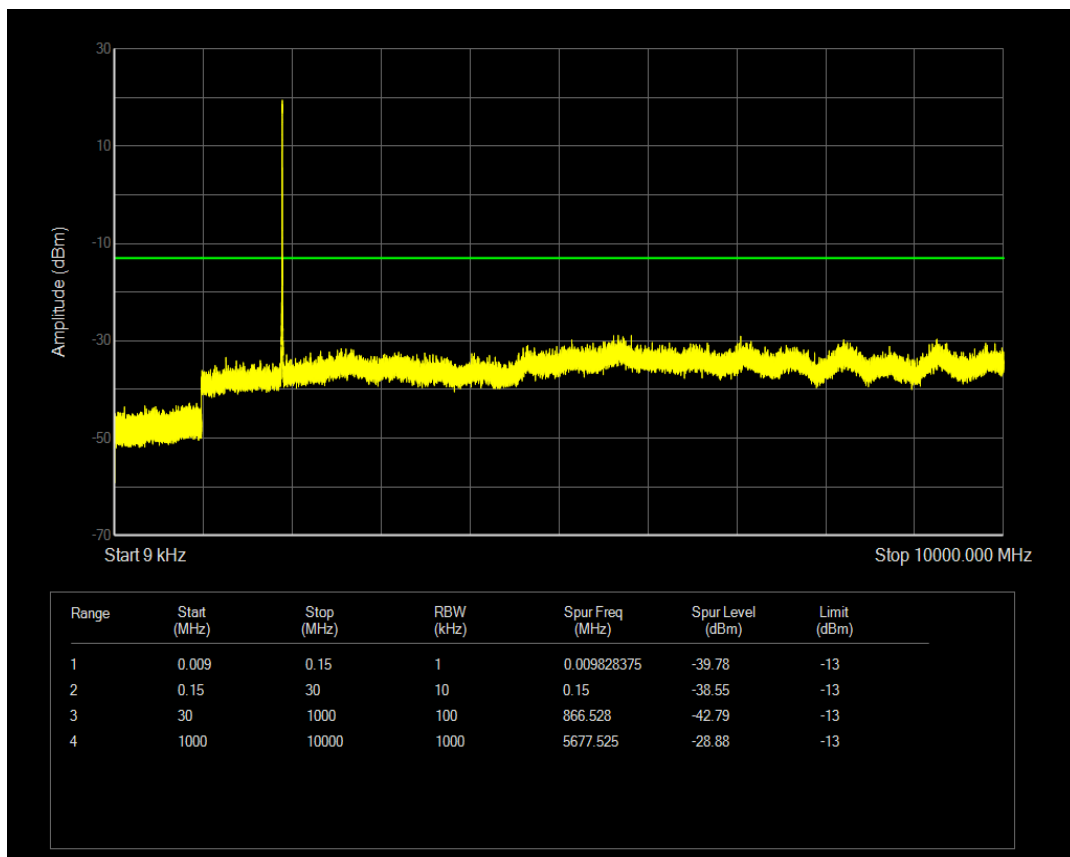
Band2 QAM16 BW=5MHz Channel=18900 RB Size=25 Position=#0



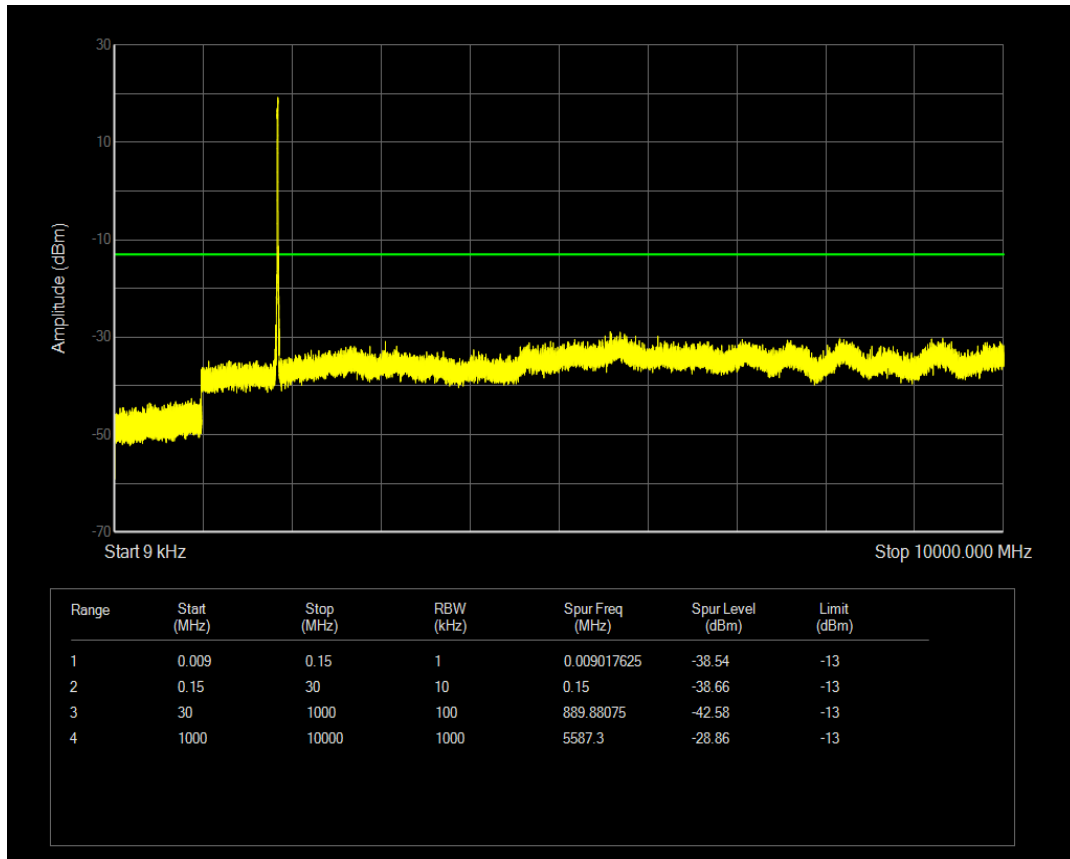
Band2 QPSK BW=5MHz Channel=19175 RB Size=25 Position=#0



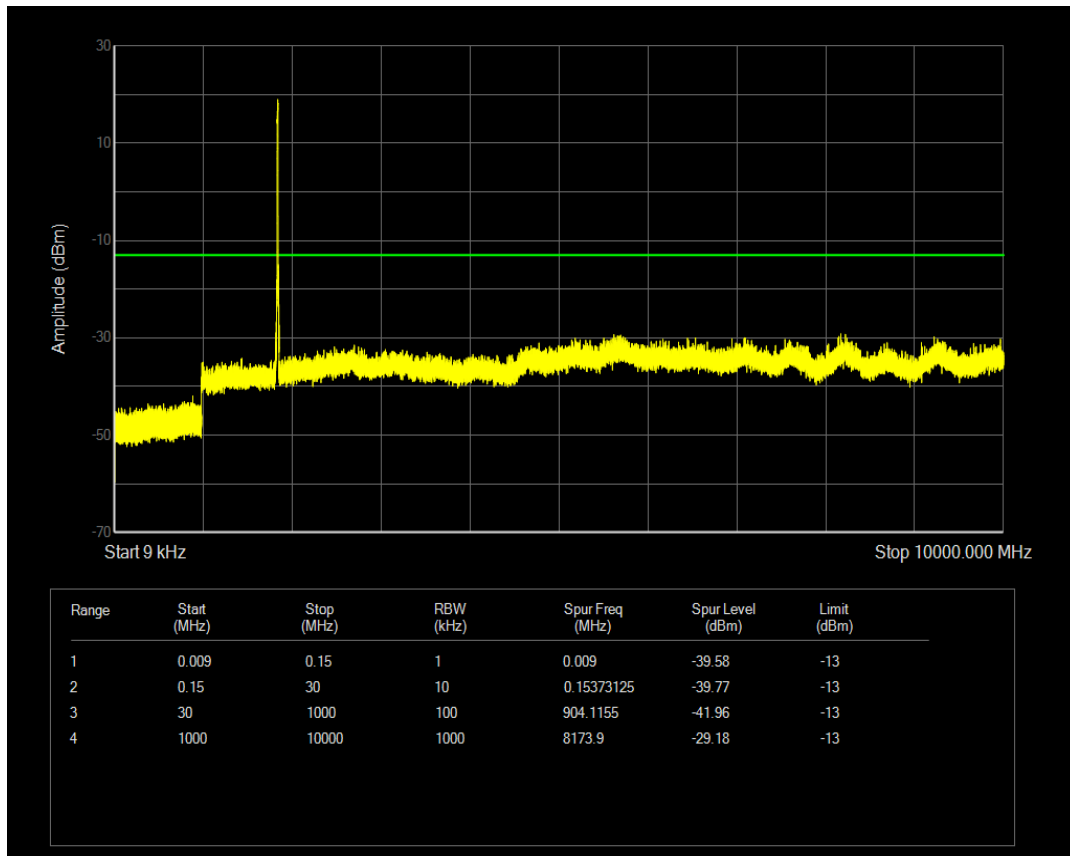
Band2 QAM16 BW=5MHz Channel=19175 RB Size=25 Position=#0



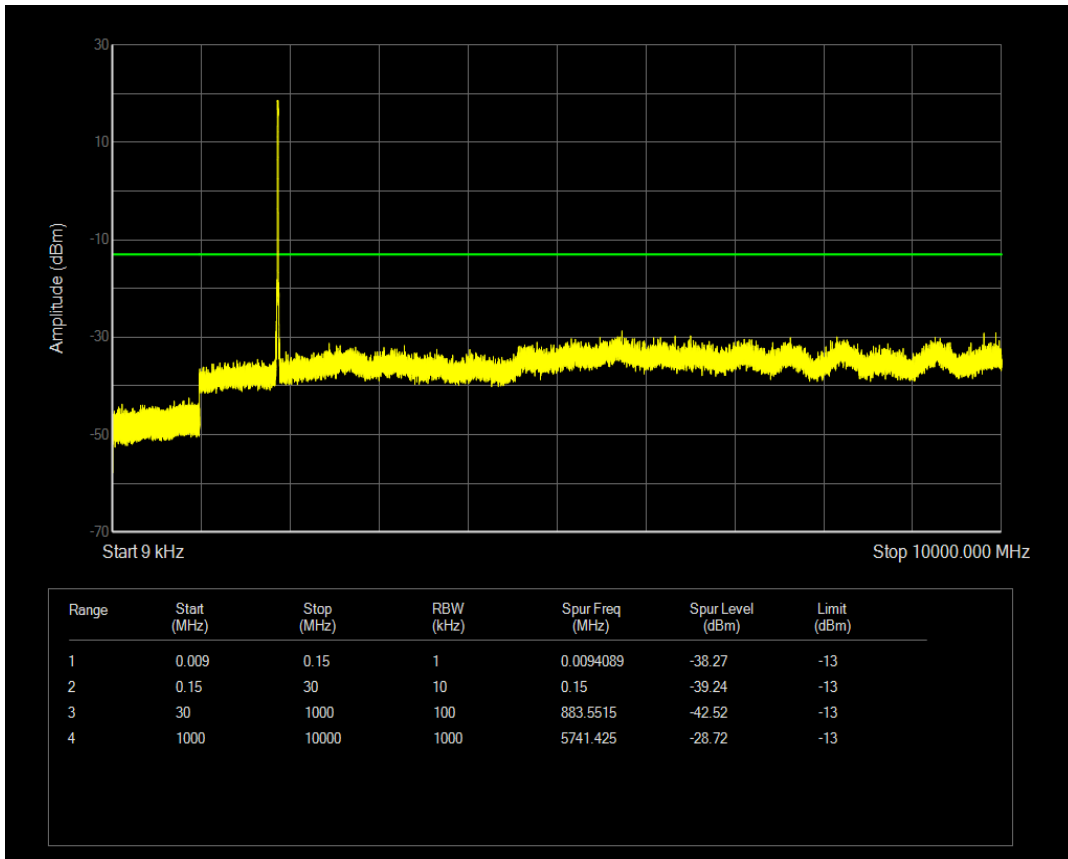
Band2 QPSK BW=10MHz Channel=18650 RB Size=50 Position=#0



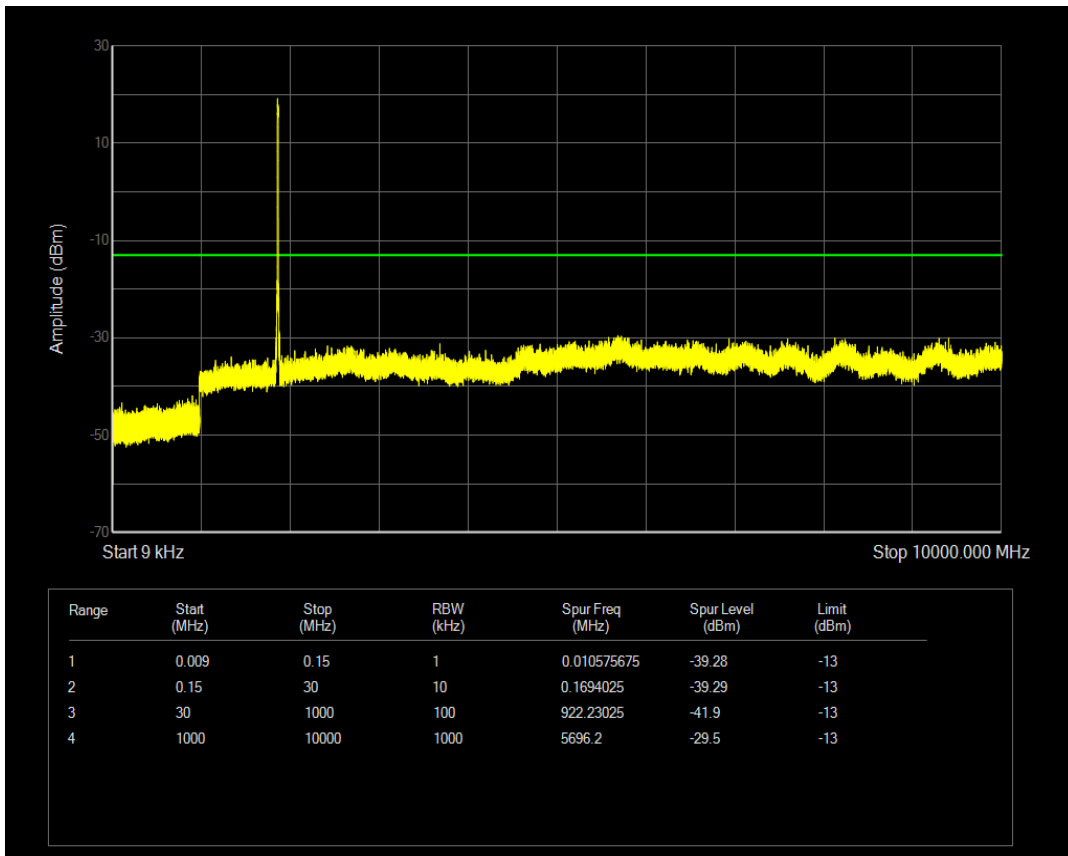
Band2 QAM16 BW=10MHz Channel=18650 RB Size=50 Position=#0



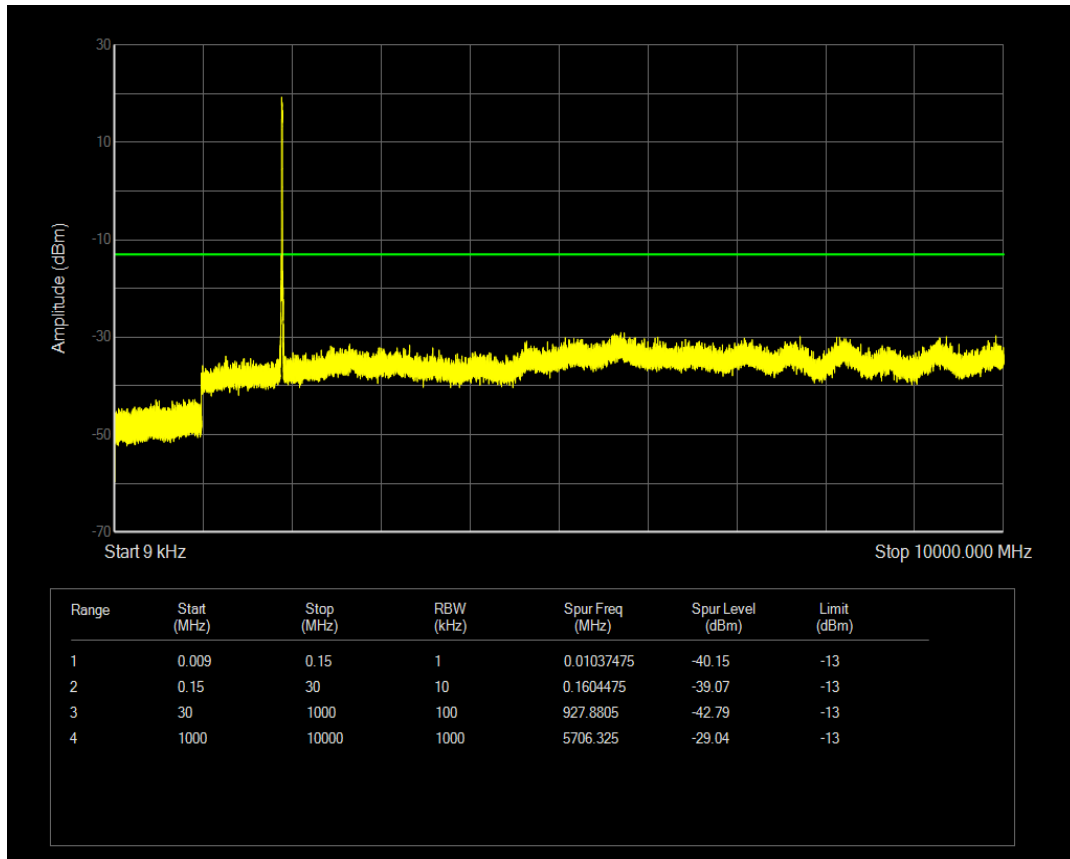
Band2 QPSK BW=10MHz Channel=18900 RB Size=50 Position=#0



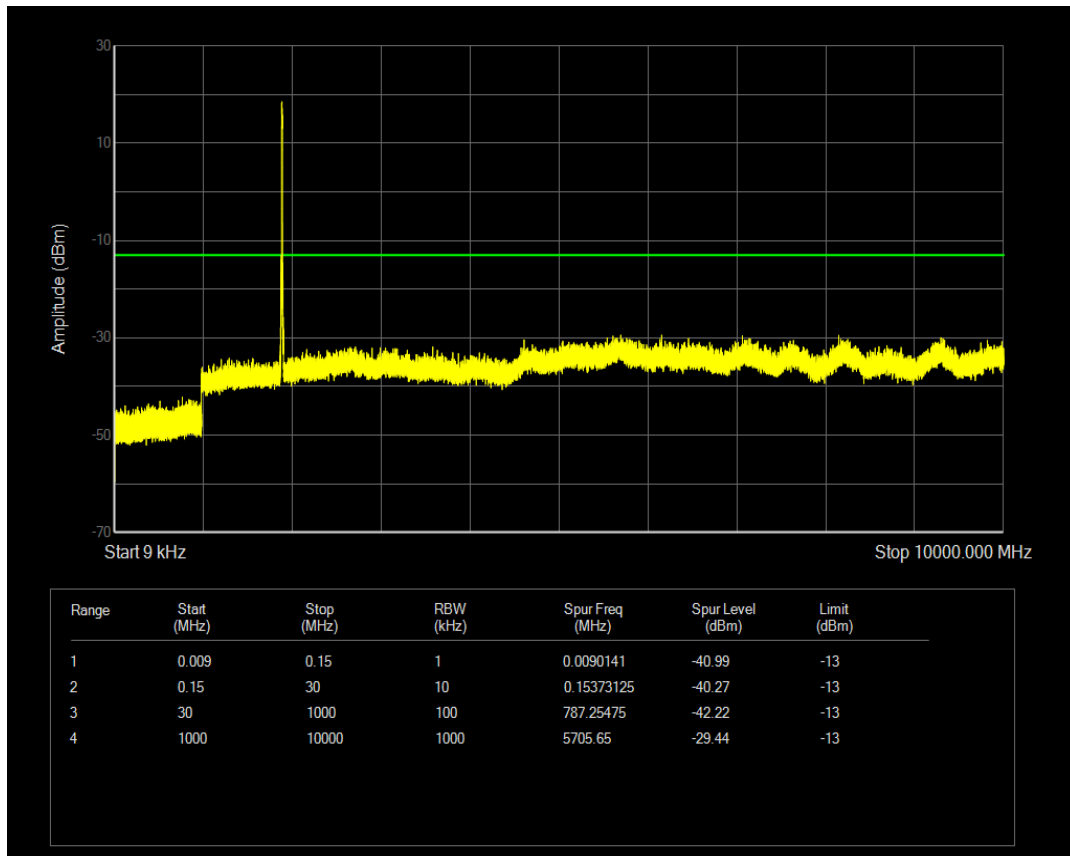
Band2 QAM16 BW=10MHz Channel=18900 RB Size=50 Position=#0



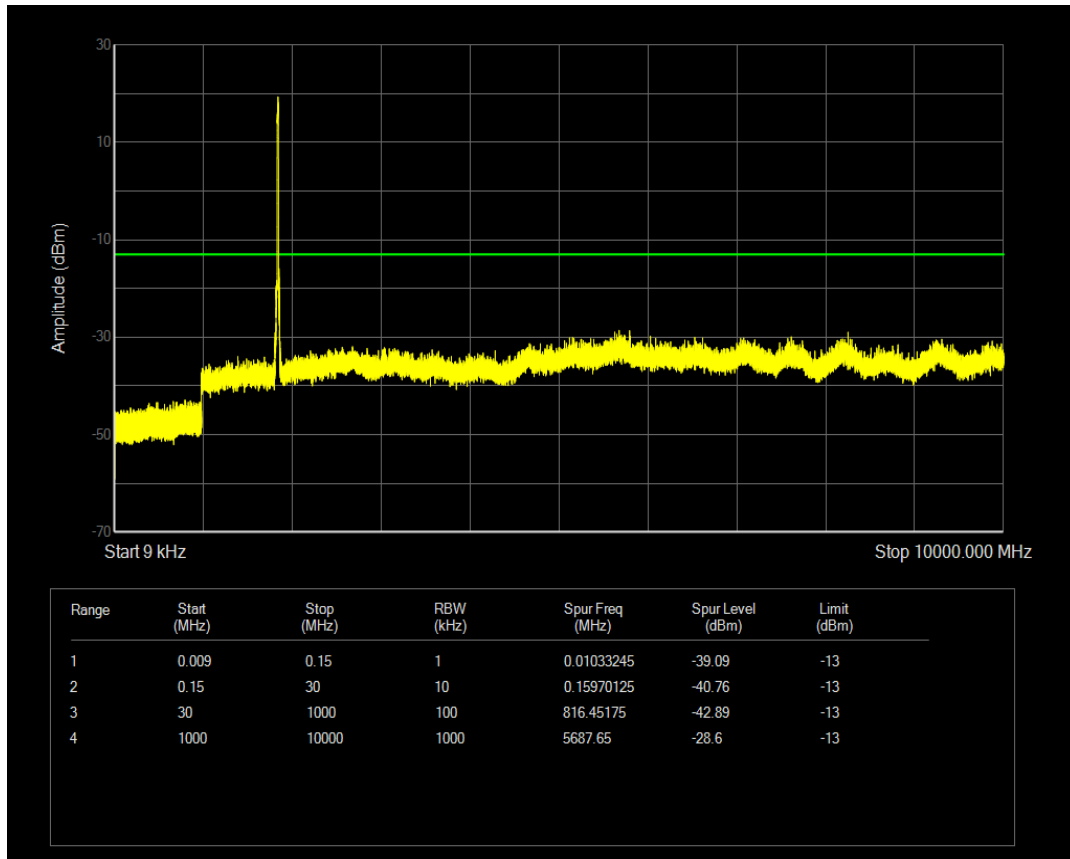
Band2 QPSK BW=10MHz Channel=19150 RB Size=50 Position=#0



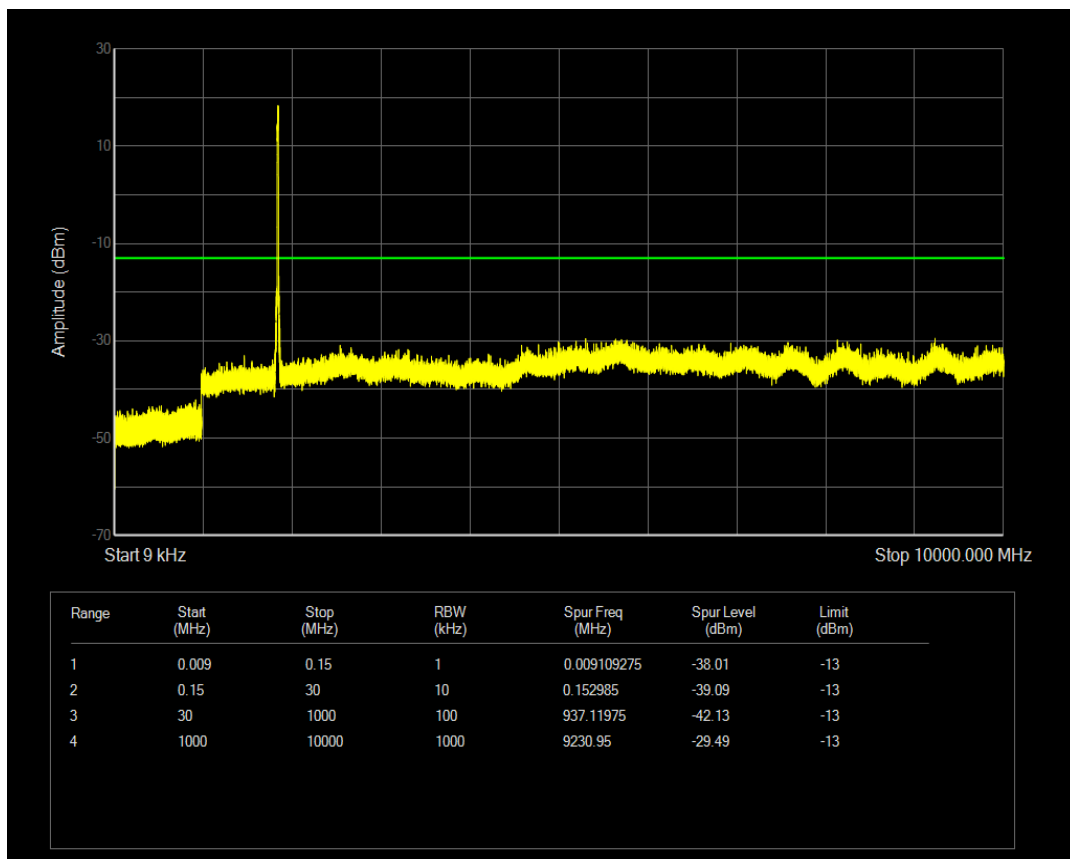
Band2 QAM16 BW=10MHz Channel=19150 RB Size=50 Position=#0



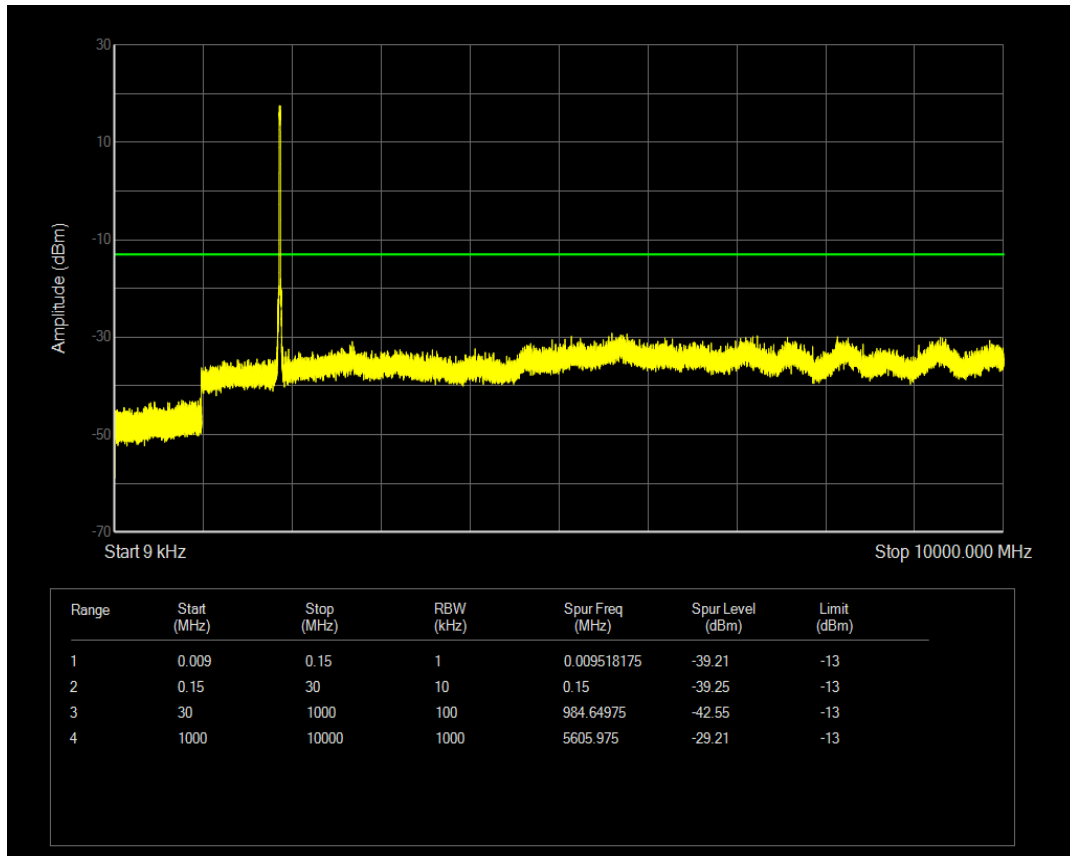
Band2 QPSK BW=15MHz Channel=18675 RB Size=75 Position=#0



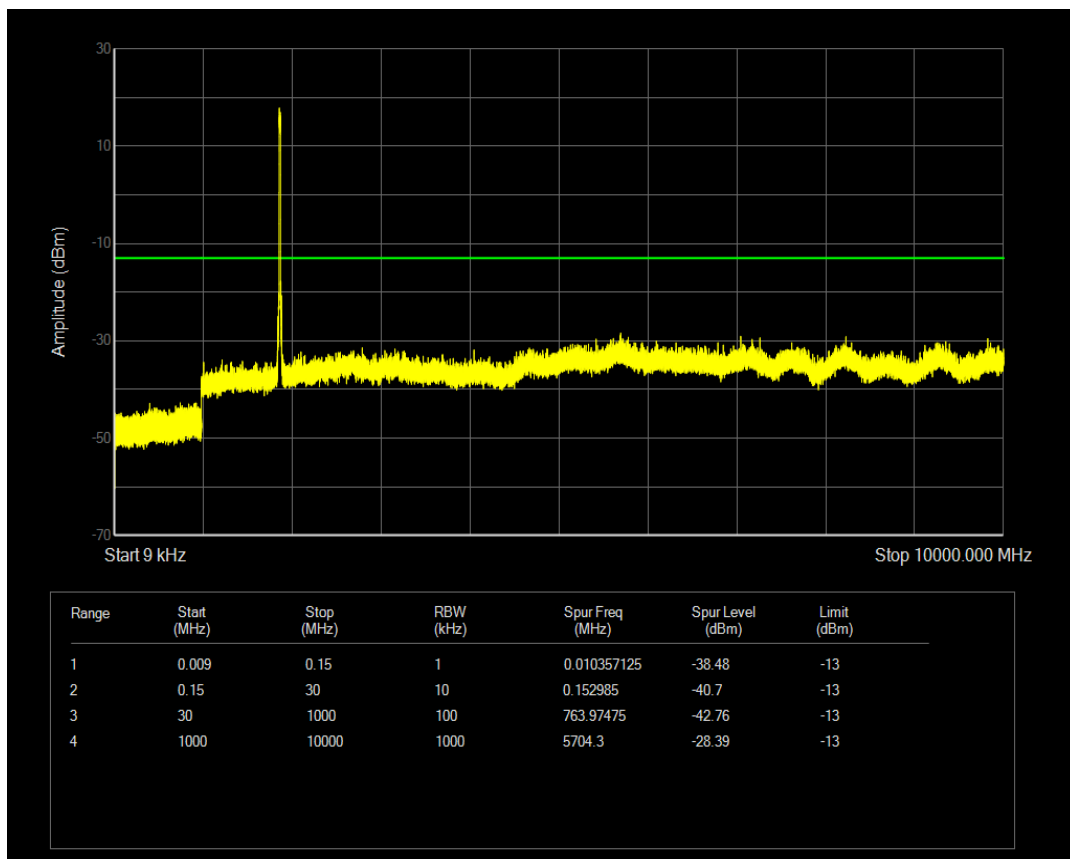
Band2 QAM16 BW=15MHz Channel=18675 RB Size=75 Position=#0



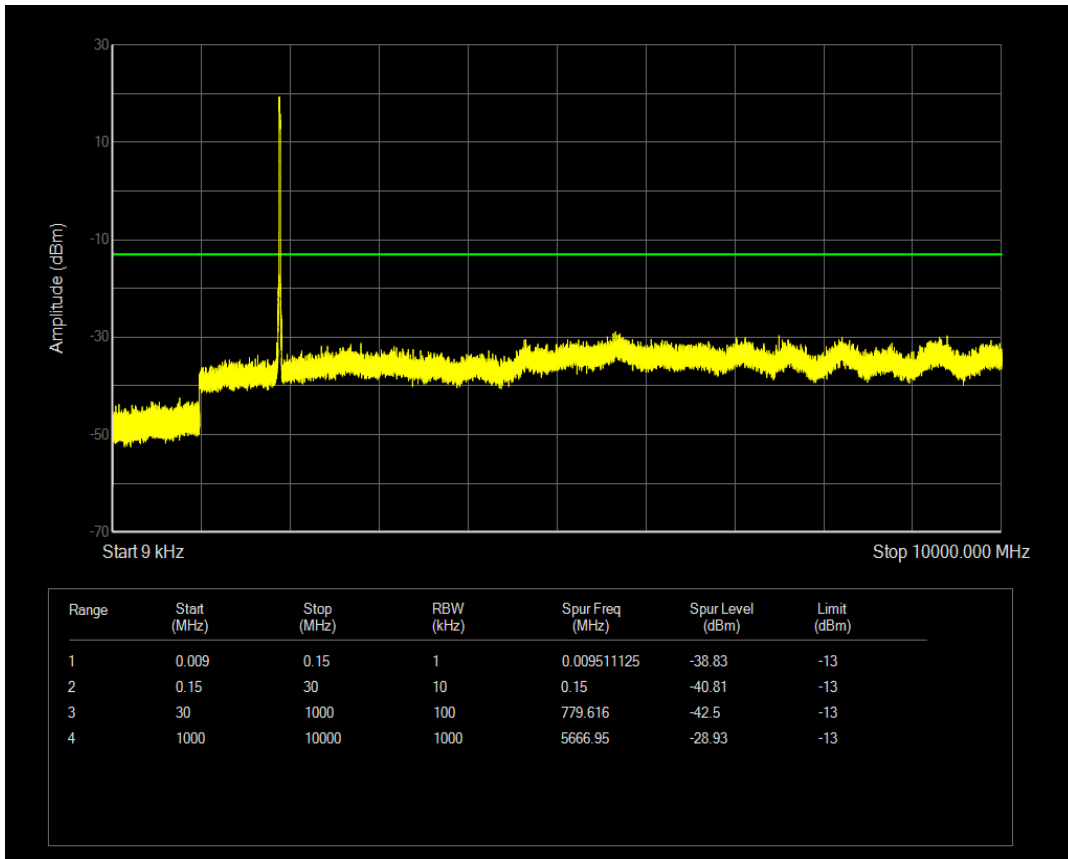
Band2 QPSK BW=15MHz Channel=18900 RB Size=75 Position=#0



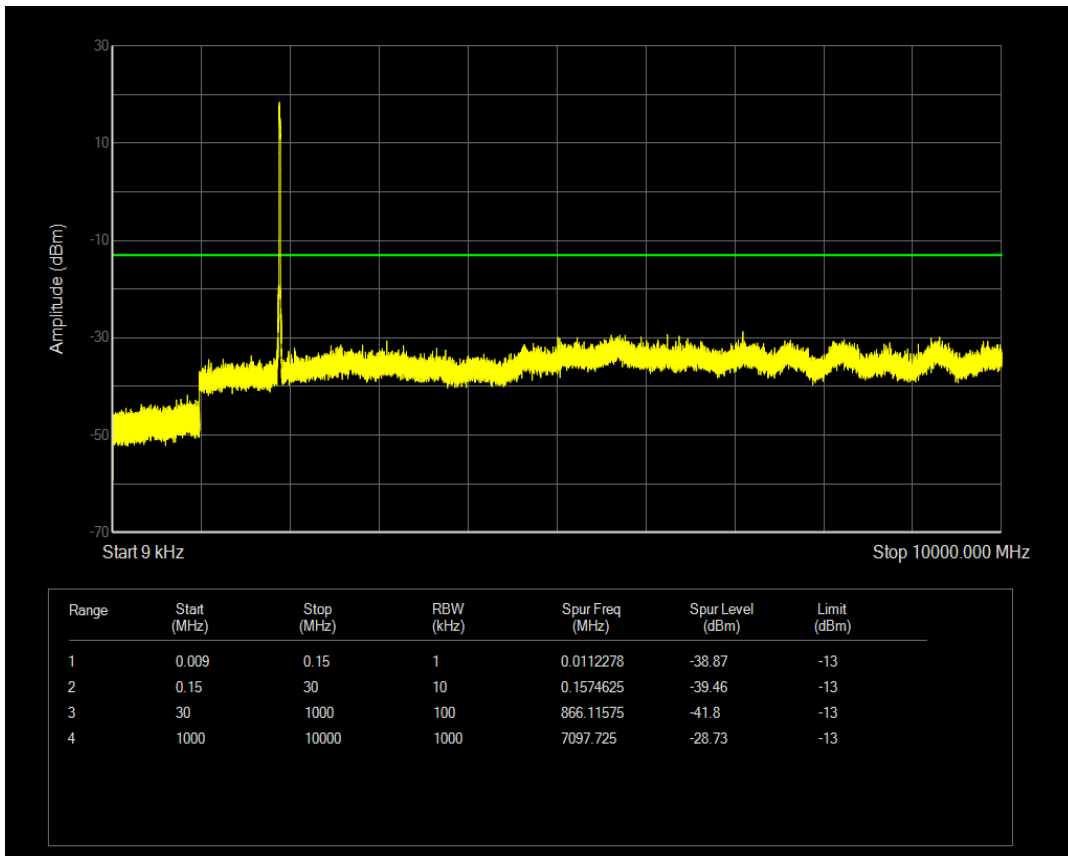
Band2 QAM16 BW=15MHz Channel=18900 RB Size=75 Position=#0



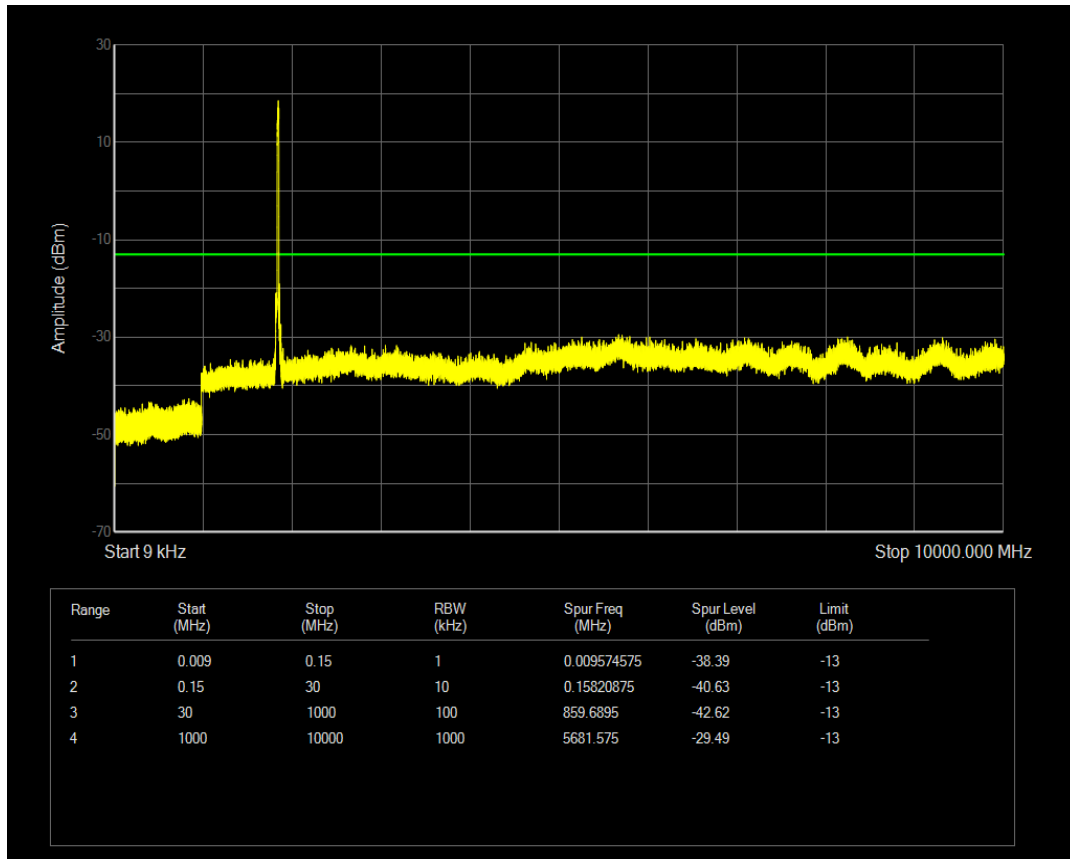
Band2 QPSK BW=15MHz Channel=19125 RB Size=75 Position=#0



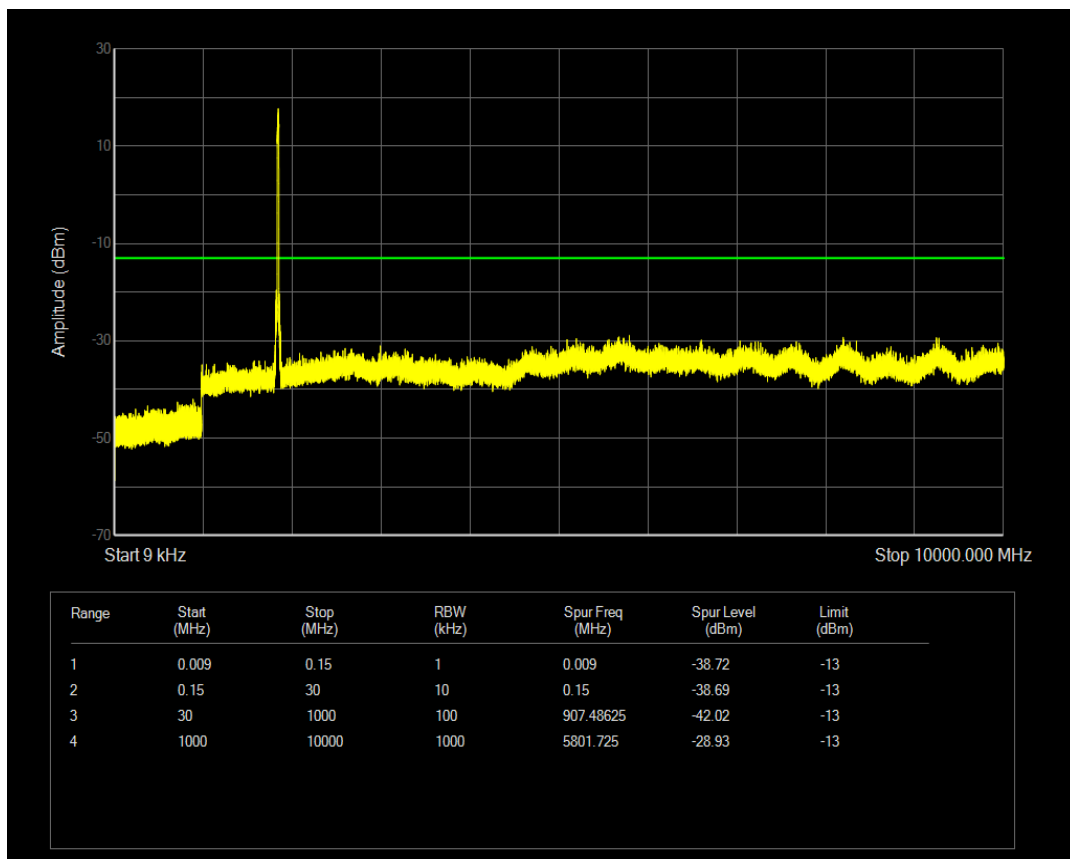
Band2 QAM16 BW=15MHz Channel=19125 RB Size=75 Position=#0



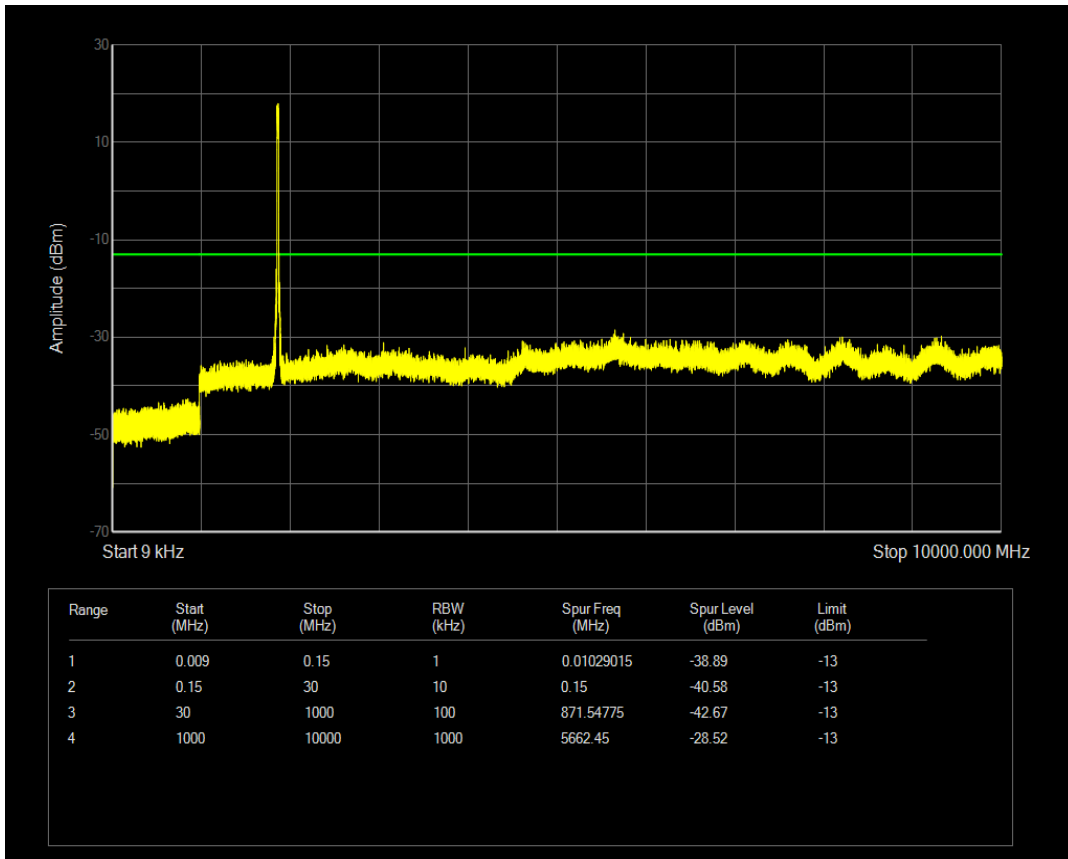
Band2 QPSK BW=20MHz Channel=18700 RB Size=100 Position=#0



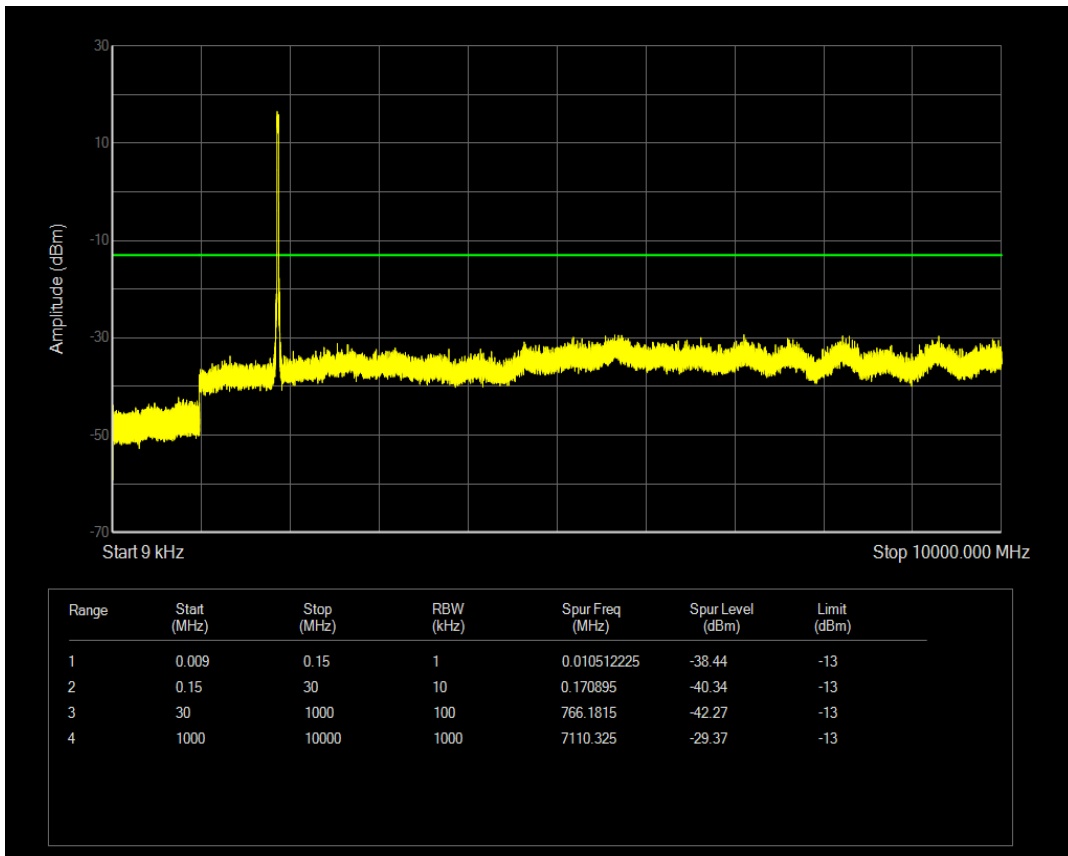
Band2 QAM16 BW=20MHz Channel=18700 RB Size=100 Position=#0



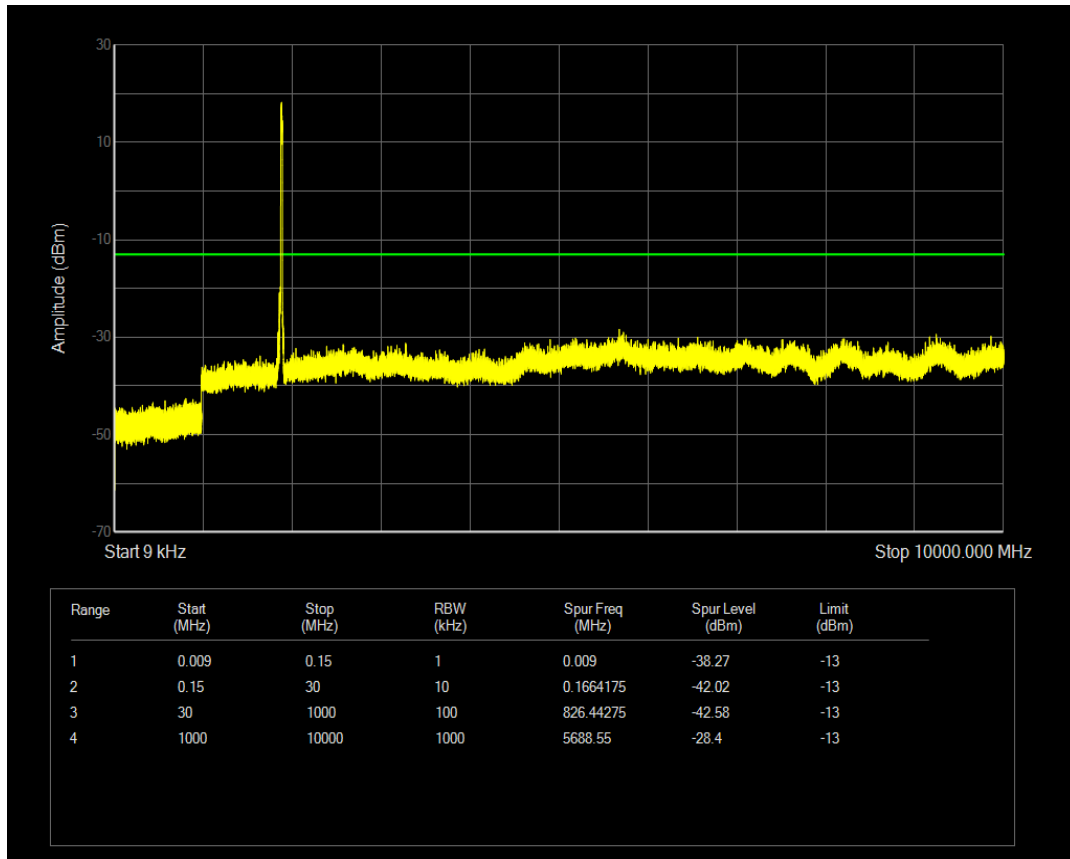
Band2 QPSK BW=20MHz Channel=18900 RB Size=100 Position=#0



Band2 QAM16 BW=20MHz Channel=18900 RB Size=100 Position=#0



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



Band2 QAM16 BW=20MHz Channel=19100 RB Size=100 Position=#0

