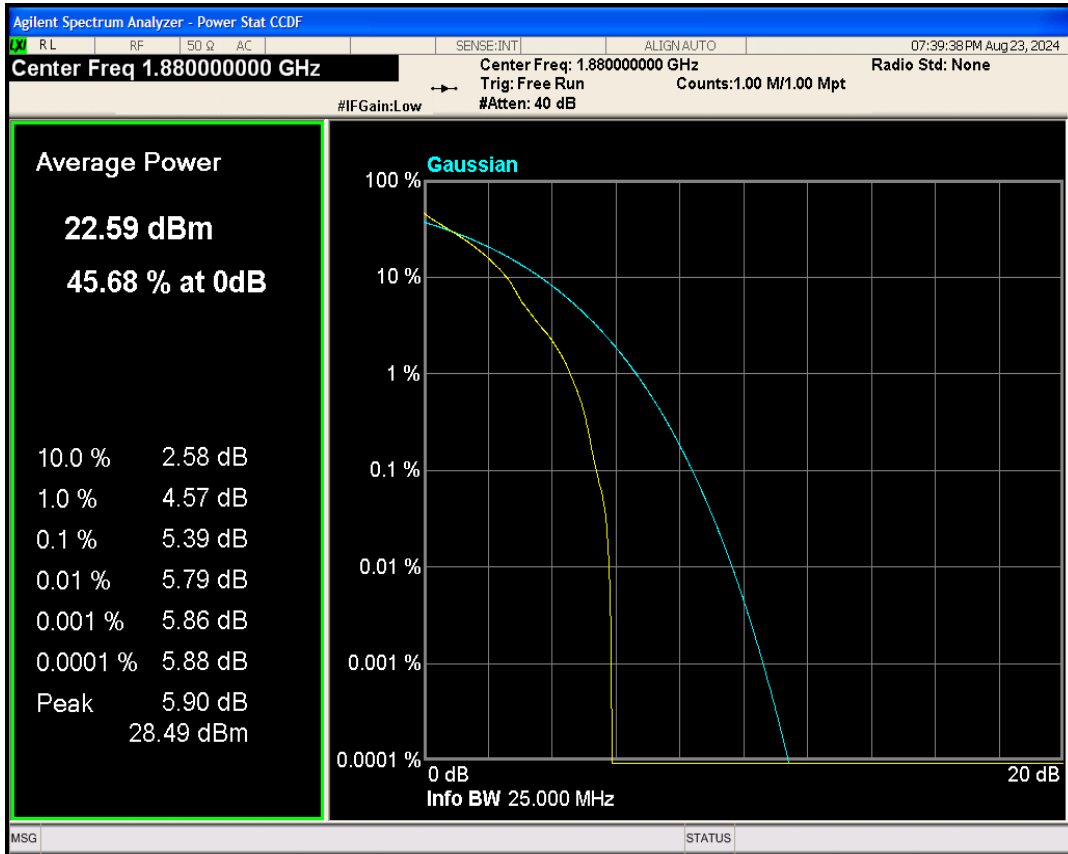
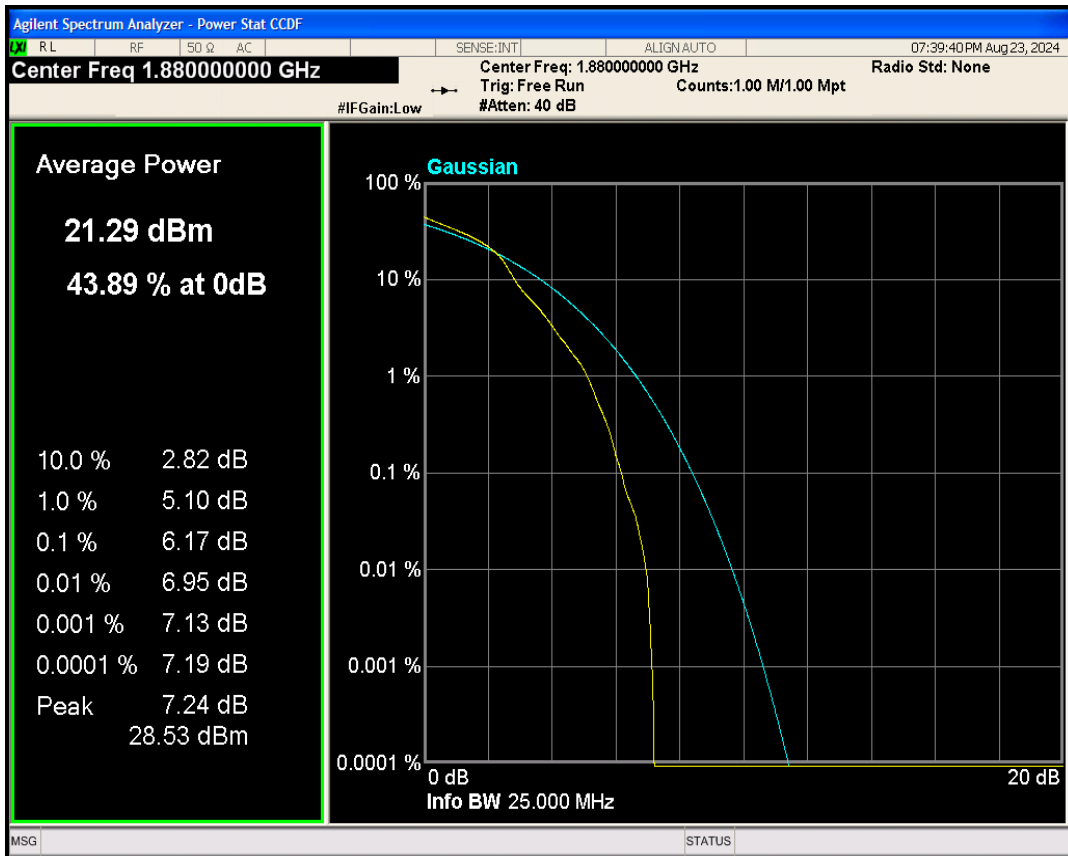
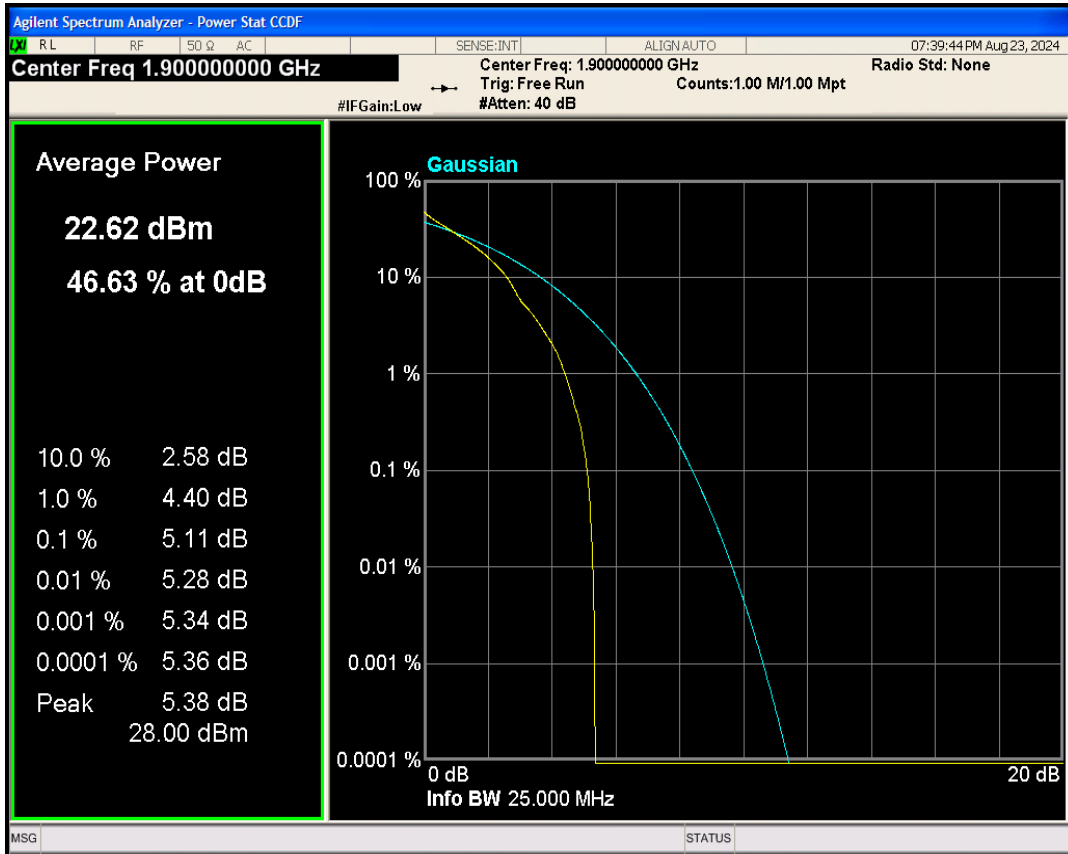




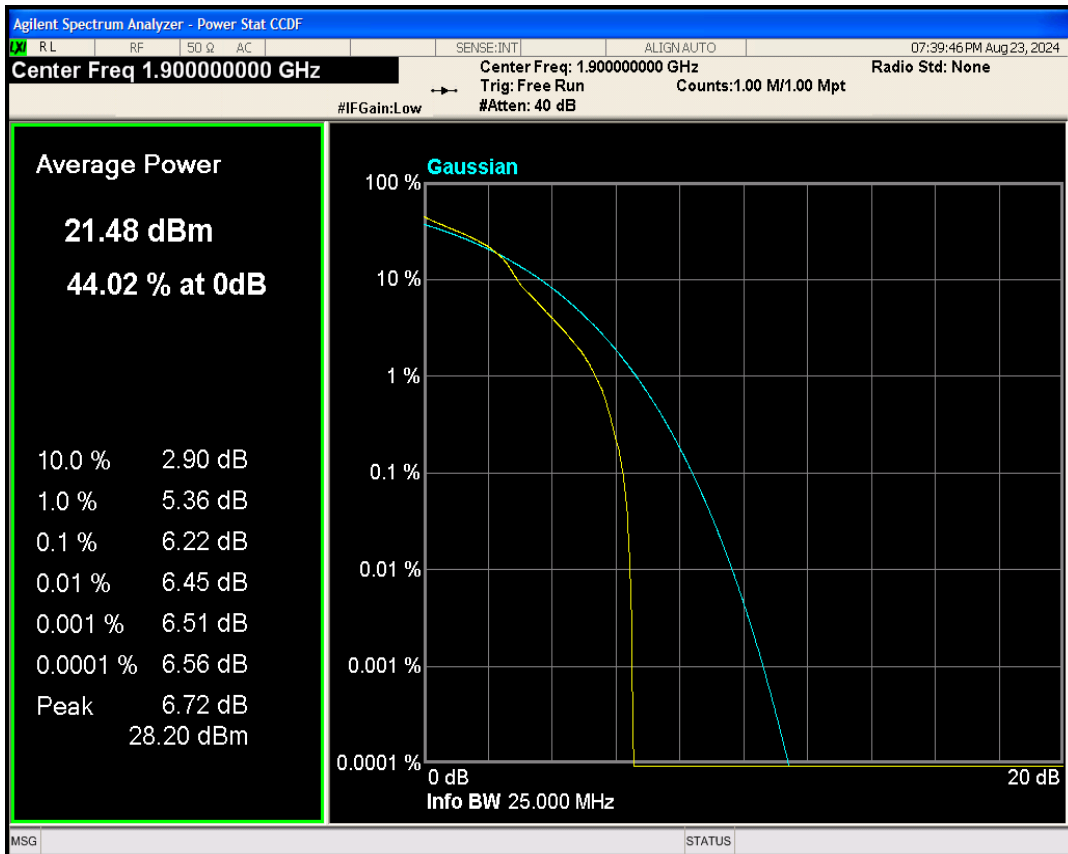
Band2 16QAM BW=20MHz Channel=18900 RB Size=1 Position=#0



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



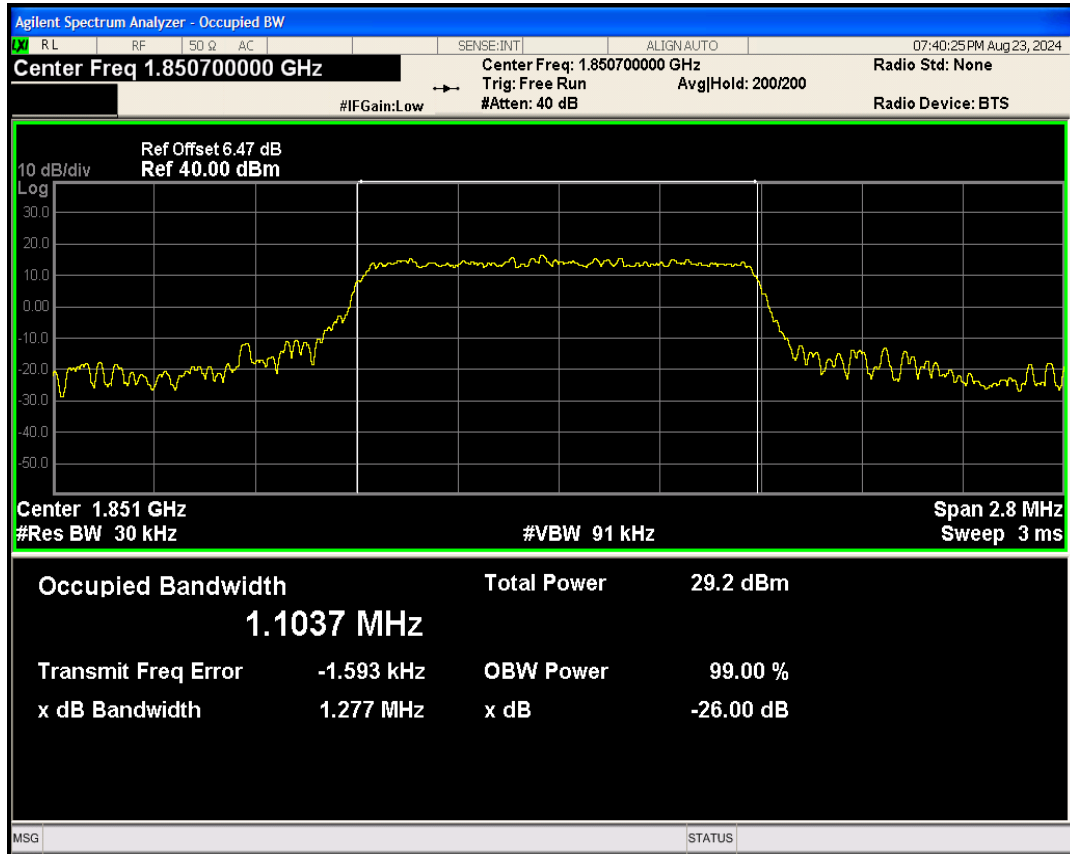
Band2 16QAM BW=20MHz Channel=19100 RB Size=1 Position=#0



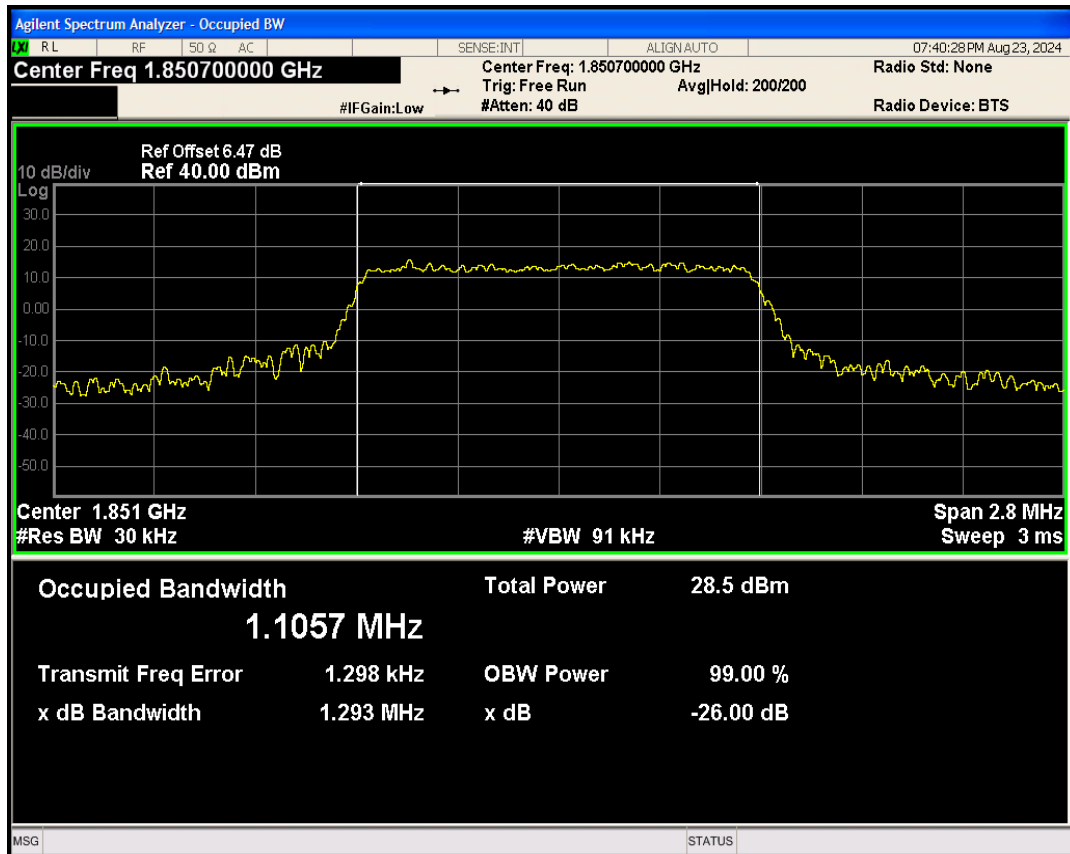
Appendix 4. Occupied bandwidth

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
Band2	1.4	18607	6	#0	QPSK	1.104	1.277	PASS
Band2	1.4	18607	6	#0	16QAM	1.106	1.293	PASS
Band2	1.4	18900	6	#0	QPSK	1.090	1.284	PASS
Band2	1.4	18900	6	#0	16QAM	1.102	1.357	PASS
Band2	1.4	19193	6	#0	QPSK	1.105	1.339	PASS
Band2	1.4	19193	6	#0	16QAM	1.106	1.344	PASS
Band2	3	18615	15	#0	QPSK	2.705	3.178	PASS
Band2	3	18615	15	#0	16QAM	2.703	3.231	PASS
Band2	3	18900	15	#0	QPSK	2.717	3.165	PASS
Band2	3	18900	15	#0	16QAM	2.713	3.379	PASS
Band2	3	19185	15	#0	QPSK	2.715	3.247	PASS
Band2	3	19185	15	#0	16QAM	2.708	3.177	PASS
Band2	5	18625	25	#0	QPSK	4.539	5.062	PASS
Band2	5	18625	25	#0	16QAM	4.516	5.077	PASS
Band2	5	18900	25	#0	QPSK	4.520	5.045	PASS
Band2	5	18900	25	#0	16QAM	4.536	5.410	PASS
Band2	5	19175	25	#0	QPSK	4.512	5.034	PASS
Band2	5	19175	25	#0	16QAM	4.537	5.342	PASS
Band2	10	18650	50	#0	QPSK	9.004	10.024	PASS
Band2	10	18650	50	#0	16QAM	8.962	9.790	PASS
Band2	10	18900	50	#0	QPSK	9.009	9.942	PASS
Band2	10	18900	50	#0	16QAM	9.021	9.810	PASS
Band2	10	19150	50	#0	QPSK	9.025	10.108	PASS
Band2	10	19150	50	#0	16QAM	9.047	10.330	PASS
Band2	15	18675	75	#0	QPSK	13.463	15.309	PASS
Band2	15	18675	75	#0	16QAM	13.505	14.928	PASS
Band2	15	18900	75	#0	QPSK	13.484	14.897	PASS
Band2	15	18900	75	#0	16QAM	13.489	15.248	PASS
Band2	15	19125	75	#0	QPSK	13.541	15.440	PASS
Band2	15	19125	75	#0	16QAM	13.469	14.831	PASS
Band2	20	18700	100	#0	QPSK	17.975	19.589	PASS
Band2	20	18700	100	#0	16QAM	18.018	19.879	PASS
Band2	20	18900	100	#0	QPSK	18.071	19.509	PASS
Band2	20	18900	100	#0	16QAM	18.026	19.666	PASS
Band2	20	19100	100	#0	QPSK	17.989	19.946	PASS
Band2	20	19100	100	#0	16QAM	18.000	19.615	PASS

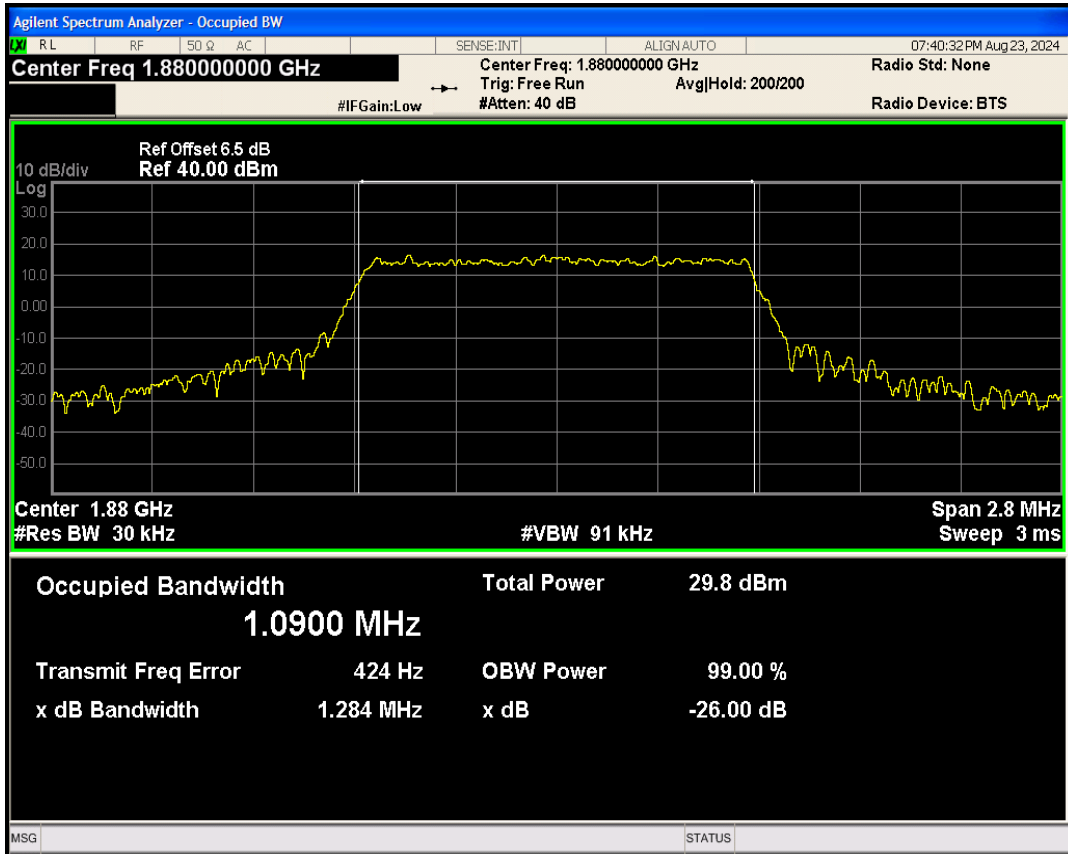
Band2 QPSK BW=1.4MHz Channel=18607 RB Size=6 Position=#0



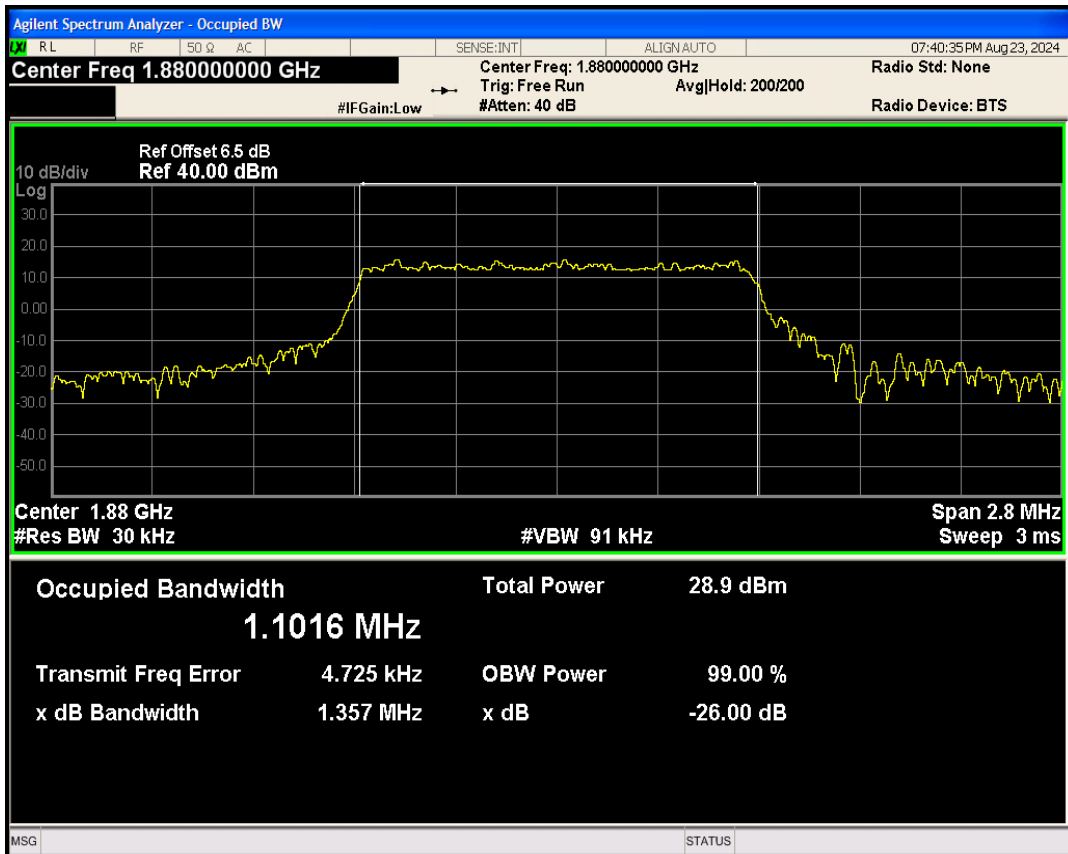
Band2 16QAM BW=1.4MHz Channel=18607 RB Size=6 Position=#0



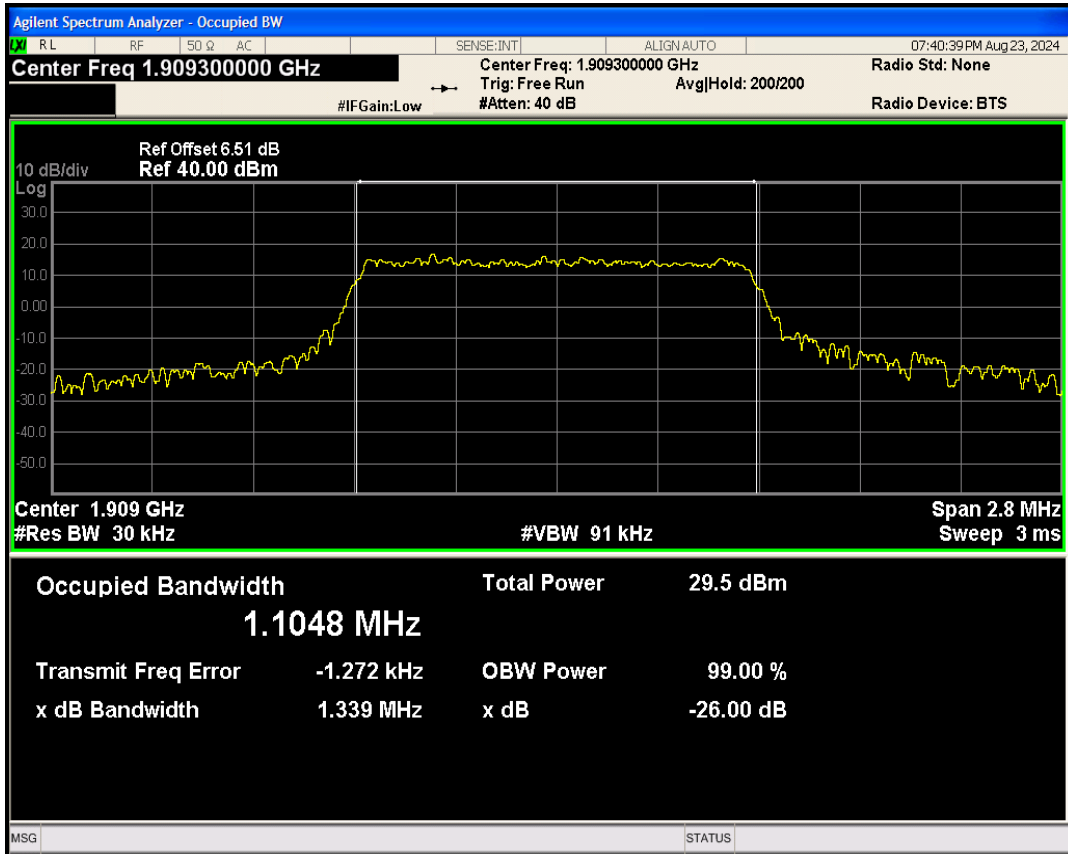
Band2 QPSK BW=1.4MHz Channel=18900 RB Size=6 Position=#0



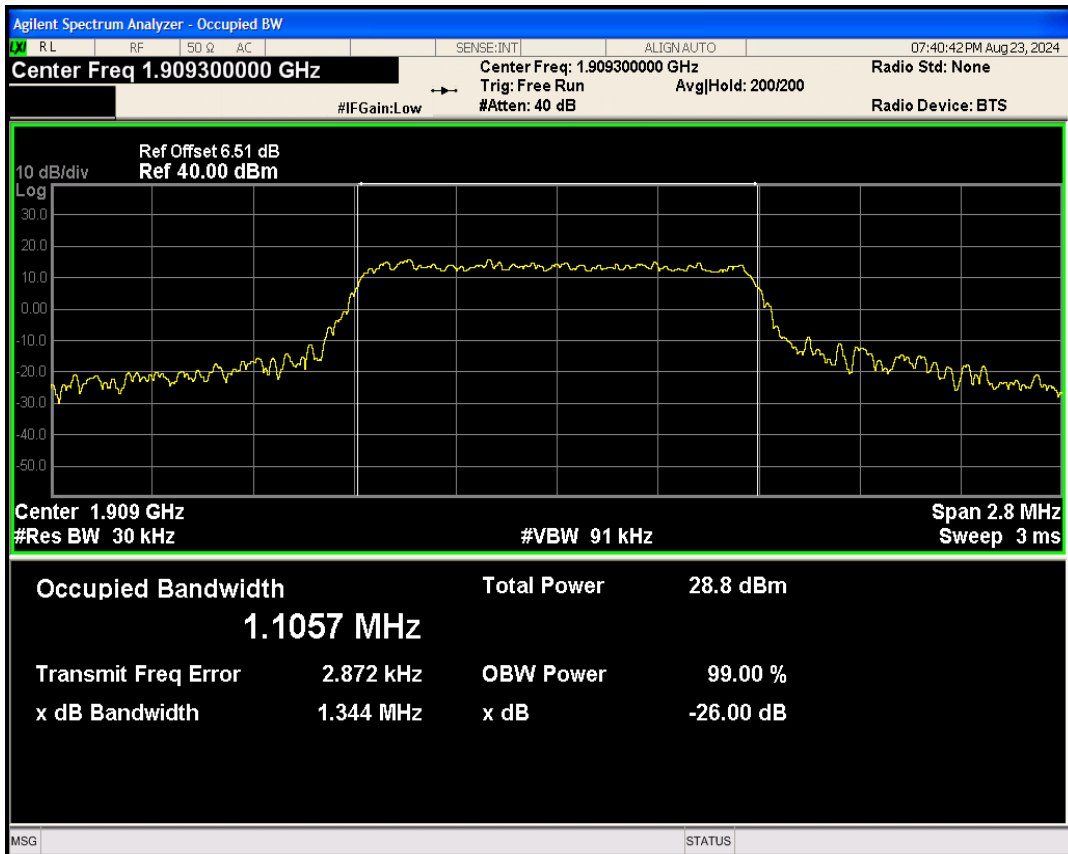
Band2 16QAM BW=1.4MHz Channel=18900 RB Size=6 Position=#0



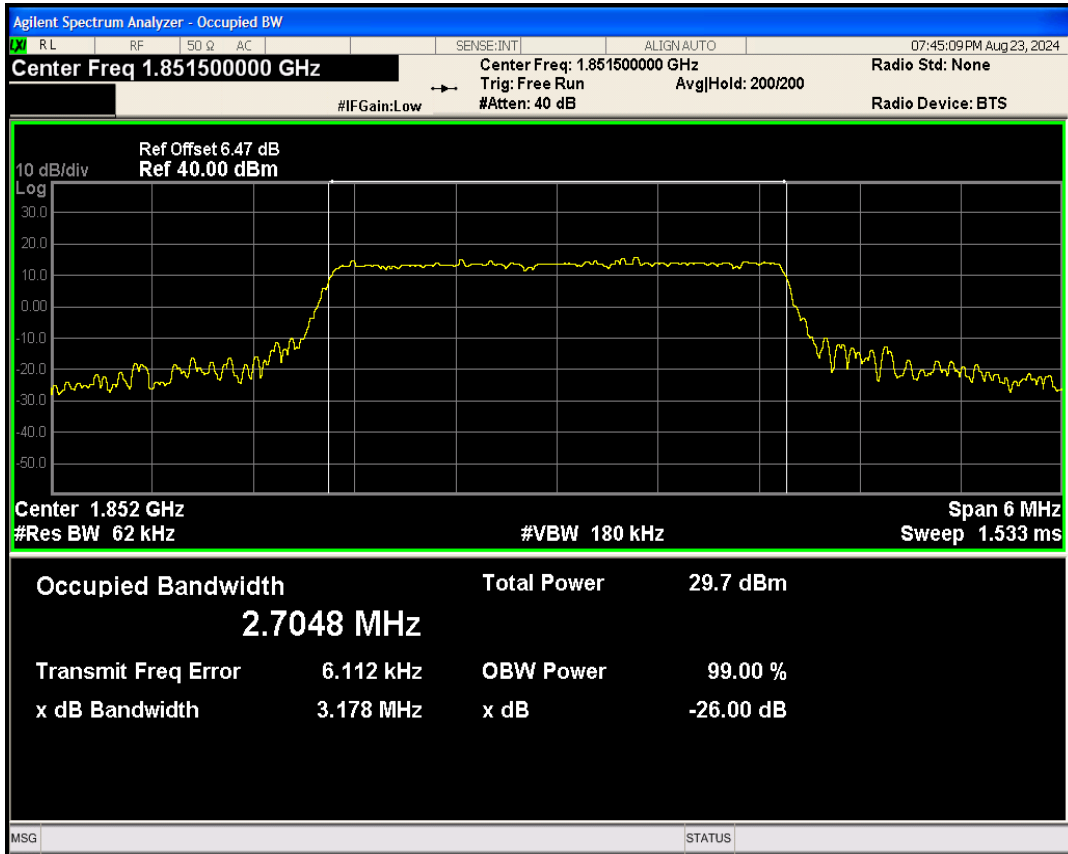
Band2 QPSK BW=1.4MHz Channel=19193 RB Size=6 Position=#0



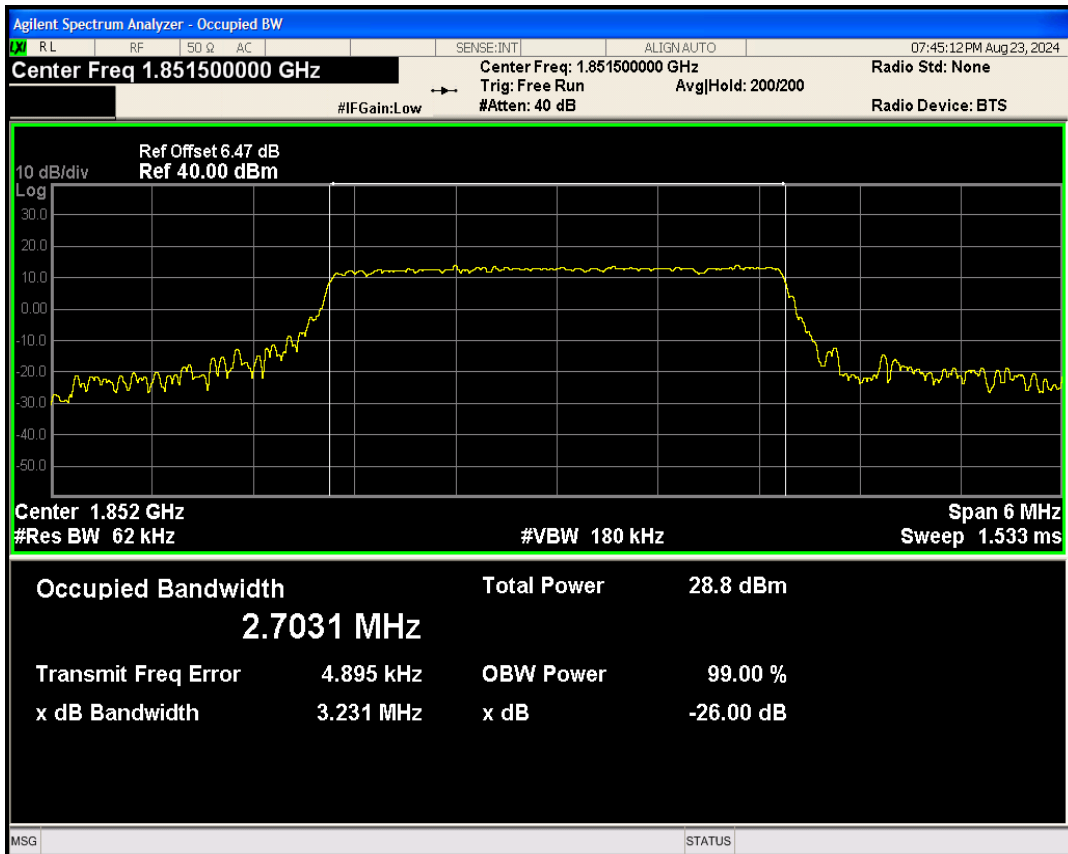
Band2 16QAM BW=1.4MHz Channel=19193 RB Size=6 Position=#0



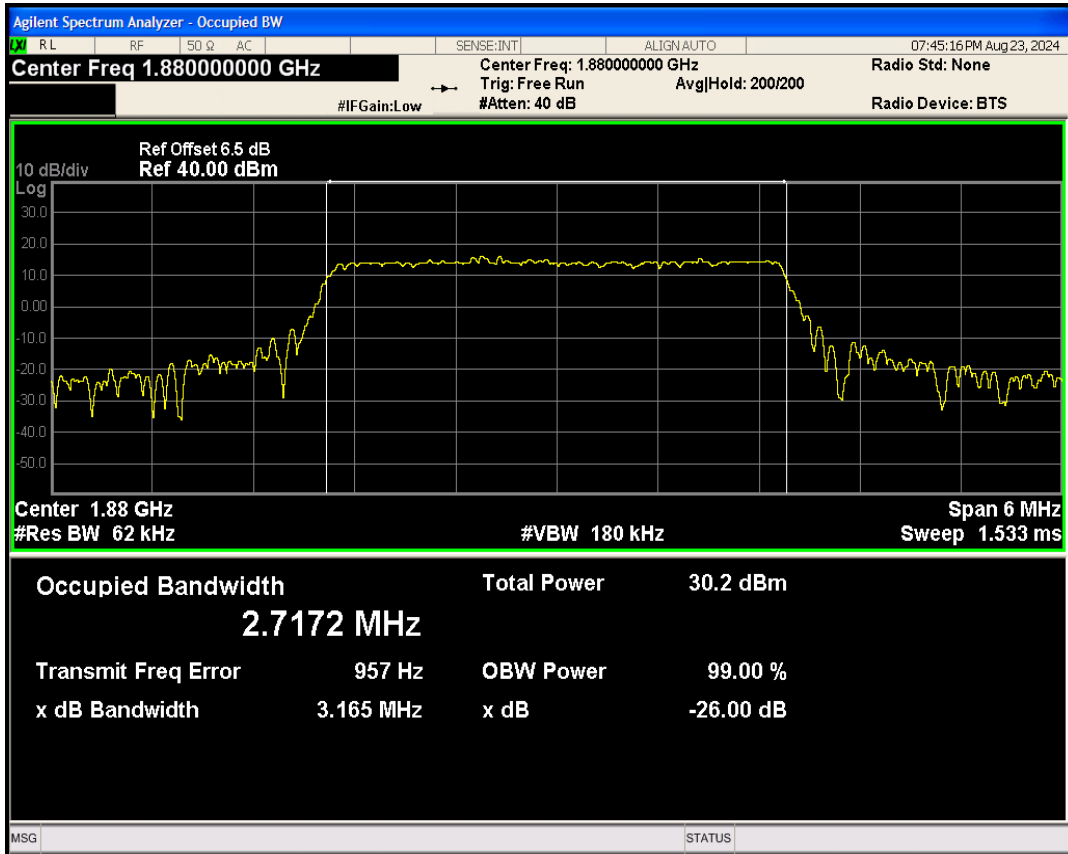
Band2 QPSK BW=3MHz Channel=18615 RB Size=15 Position=#0



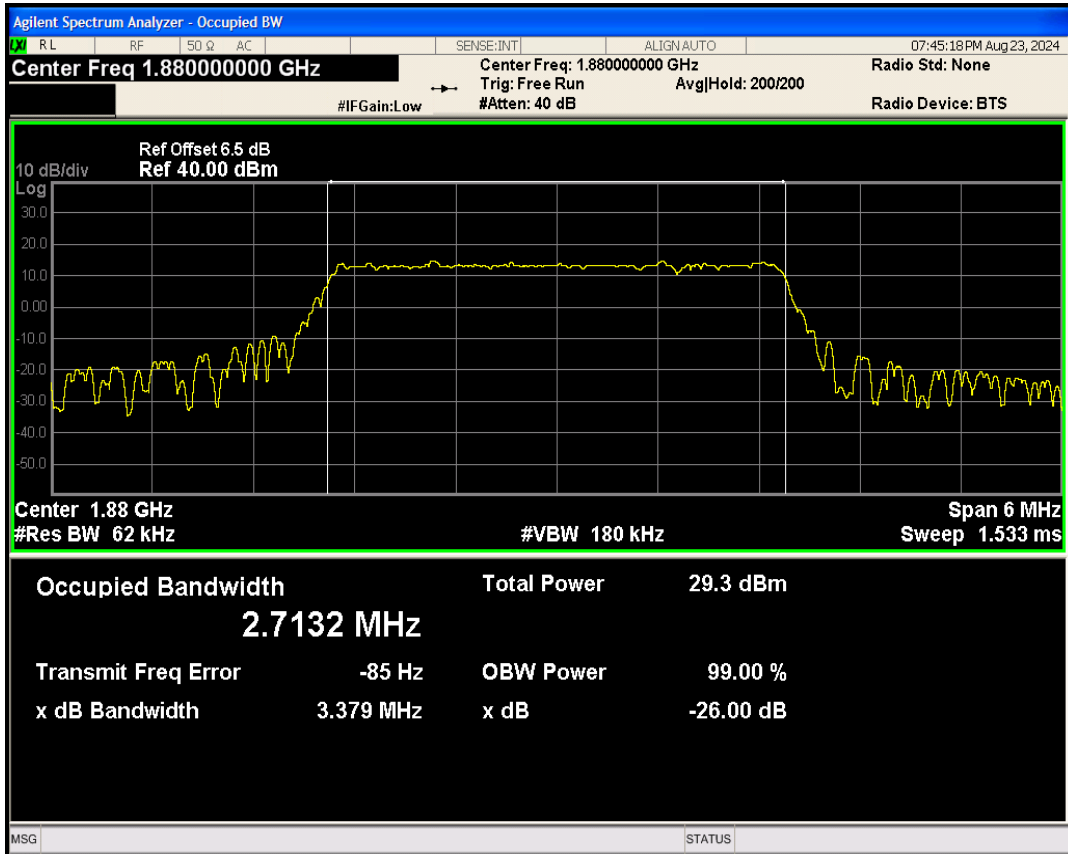
Band2 16QAM BW=3MHz Channel=18615 RB Size=15 Position=#0



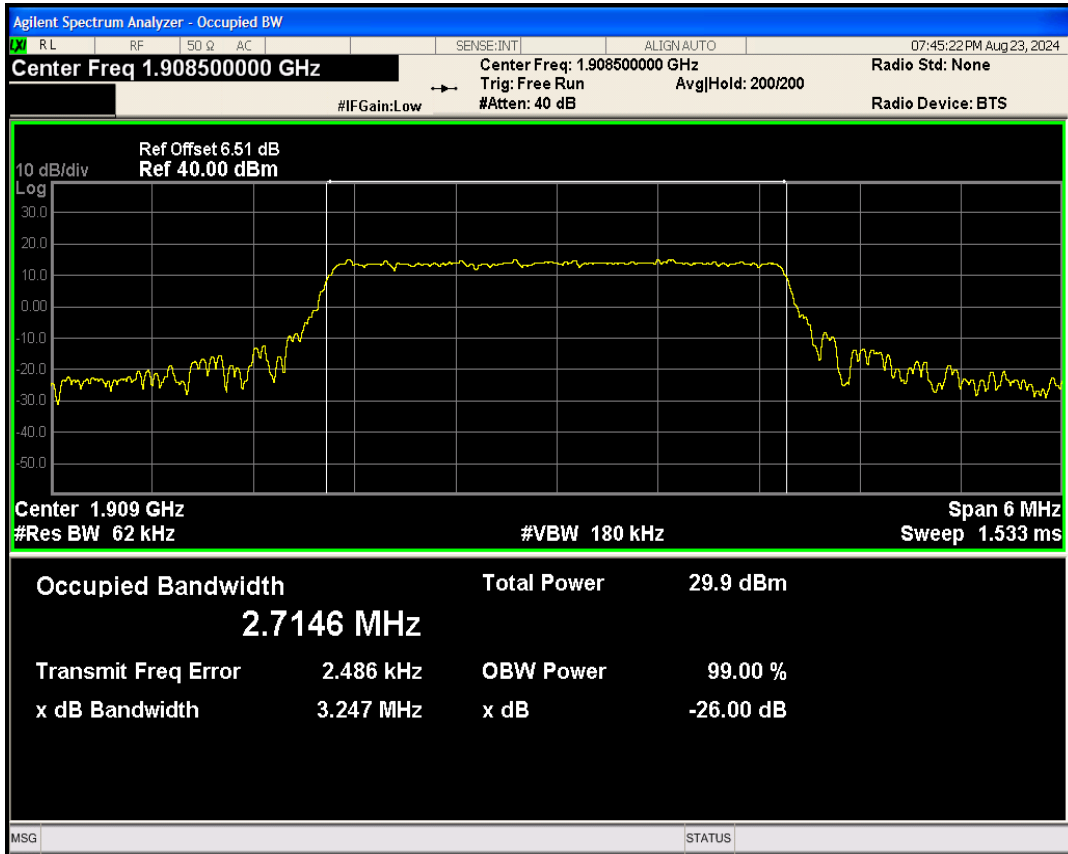
Band2 QPSK BW=3MHz Channel=18900 RB Size=15 Position=#0



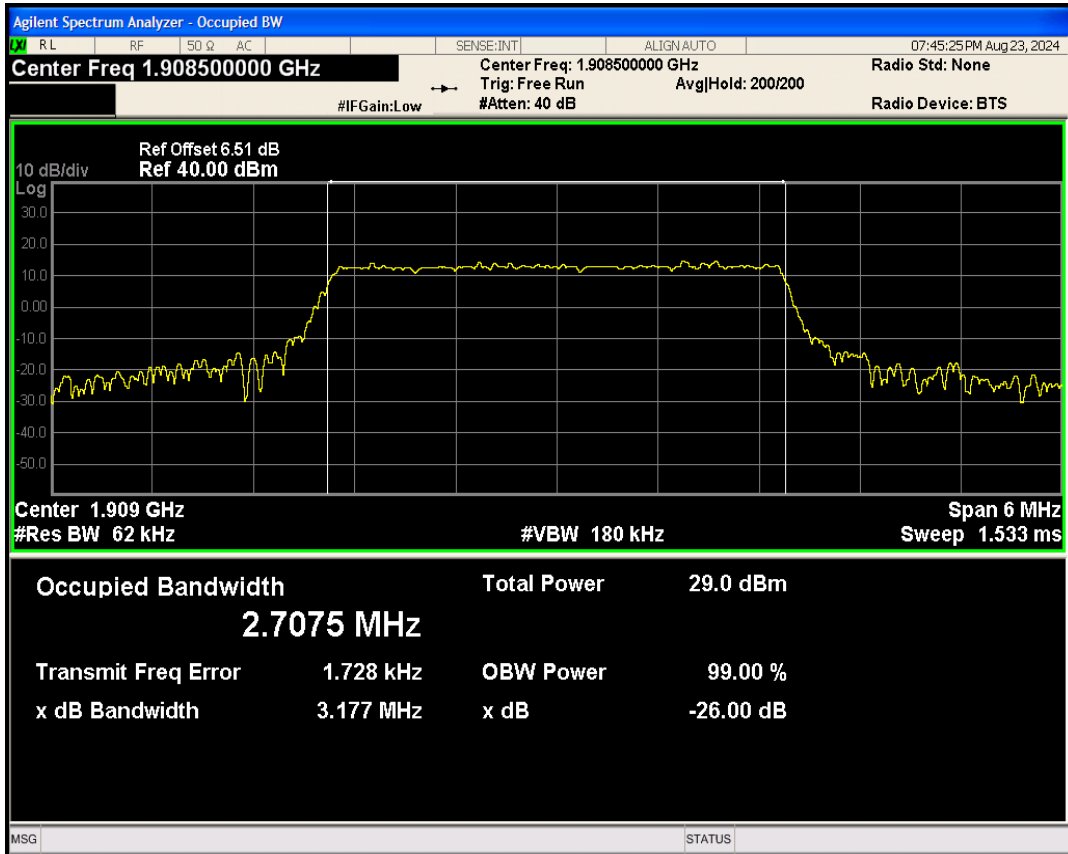
Band2 16QAM BW=3MHz Channel=18900 RB Size=15 Position=#0



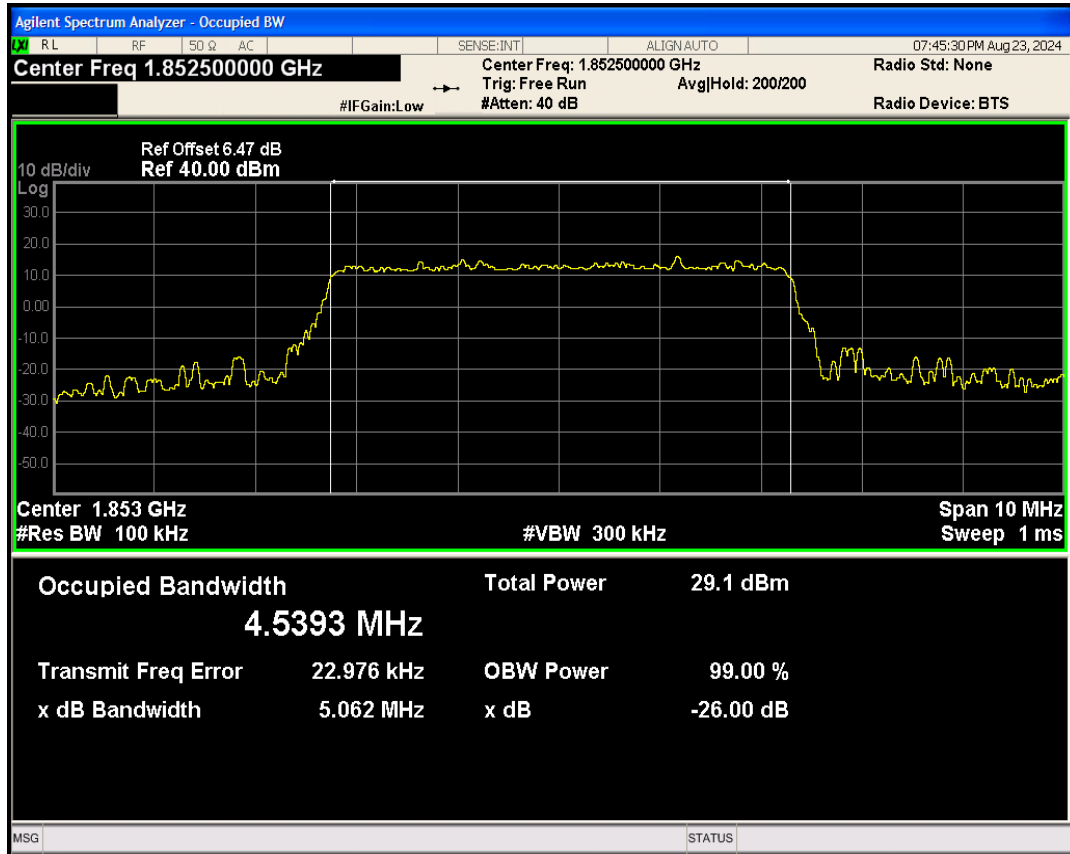
Band2 QPSK BW=3MHz Channel=19185 RB Size=15 Position=#0



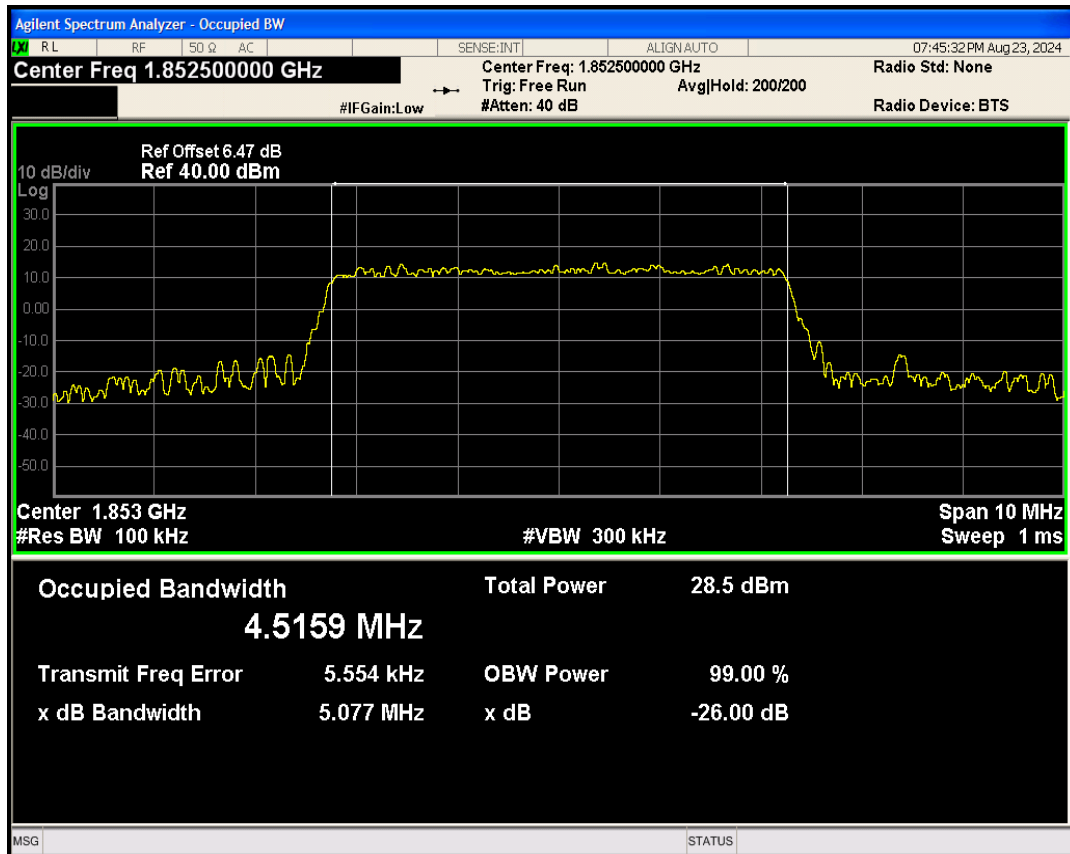
Band2 16QAM BW=3MHz Channel=19185 RB Size=15 Position=#0



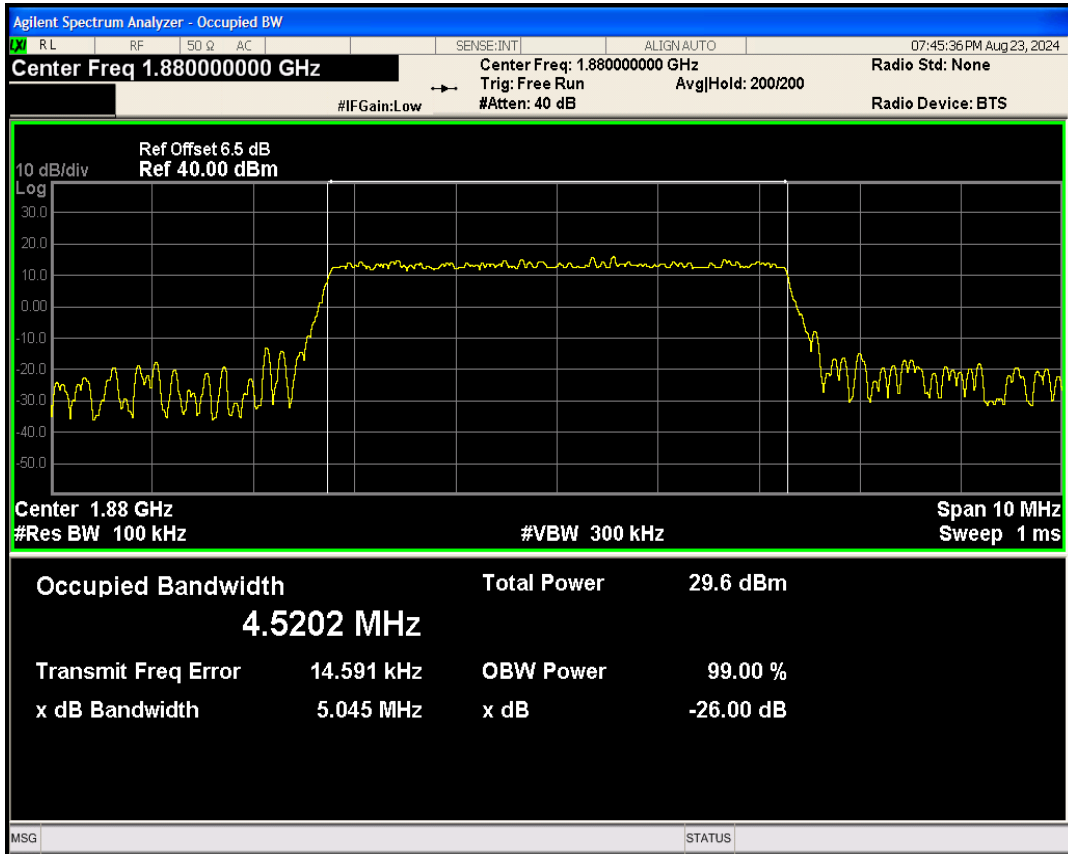
Band2 QPSK BW=5MHz Channel=18625 RB Size=25 Position=#0



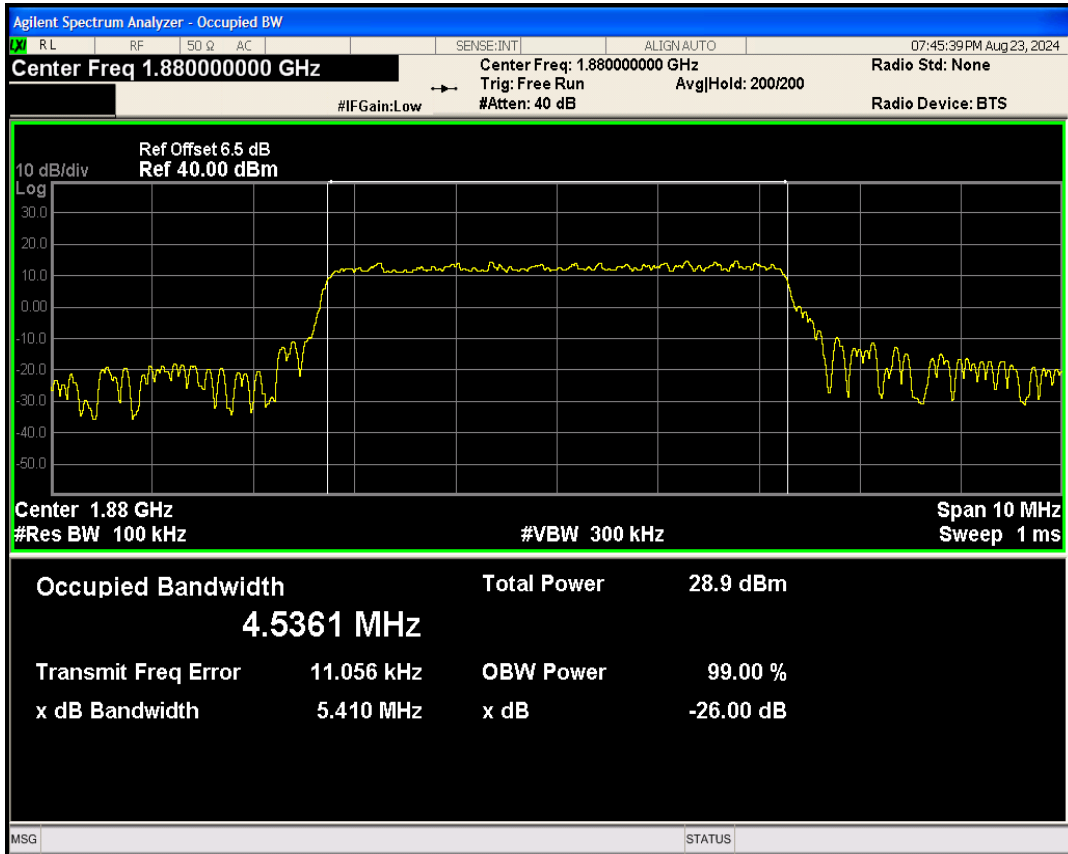
Band2 16QAM BW=5MHz Channel=18625 RB Size=25 Position=#0



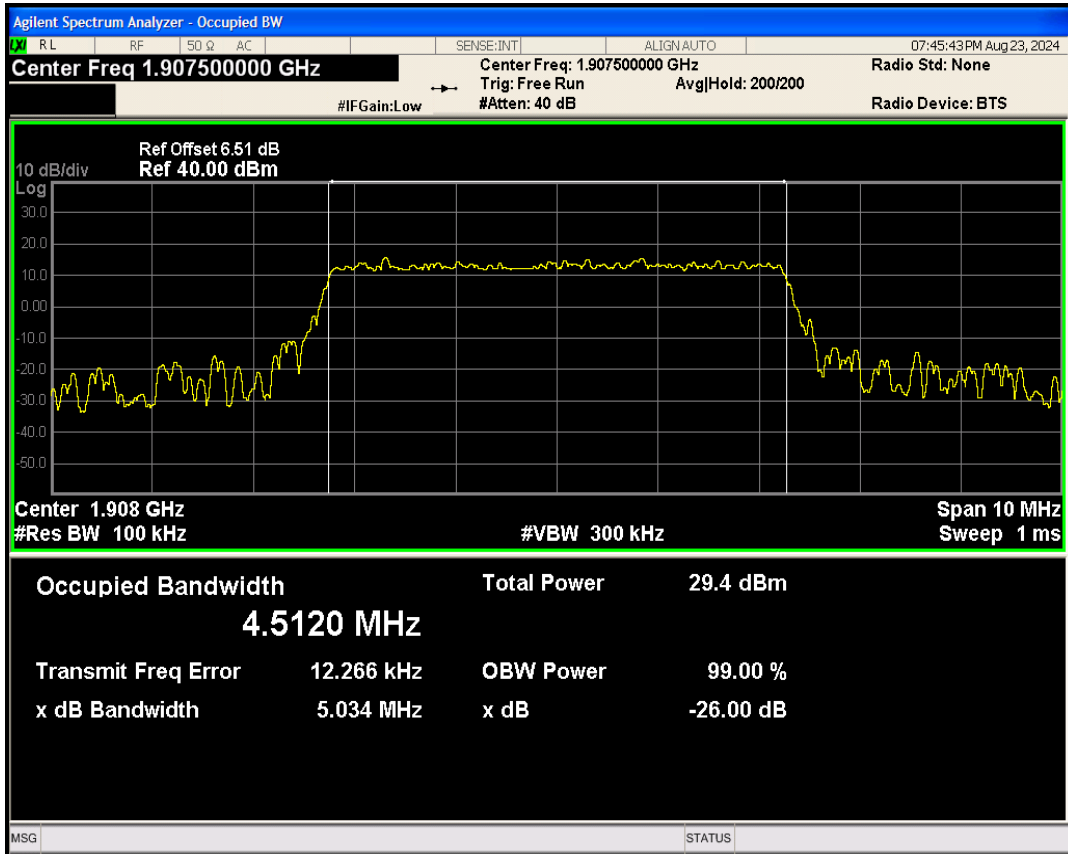
Band2 QPSK BW=5MHz Channel=18900 RB Size=25 Position=#0



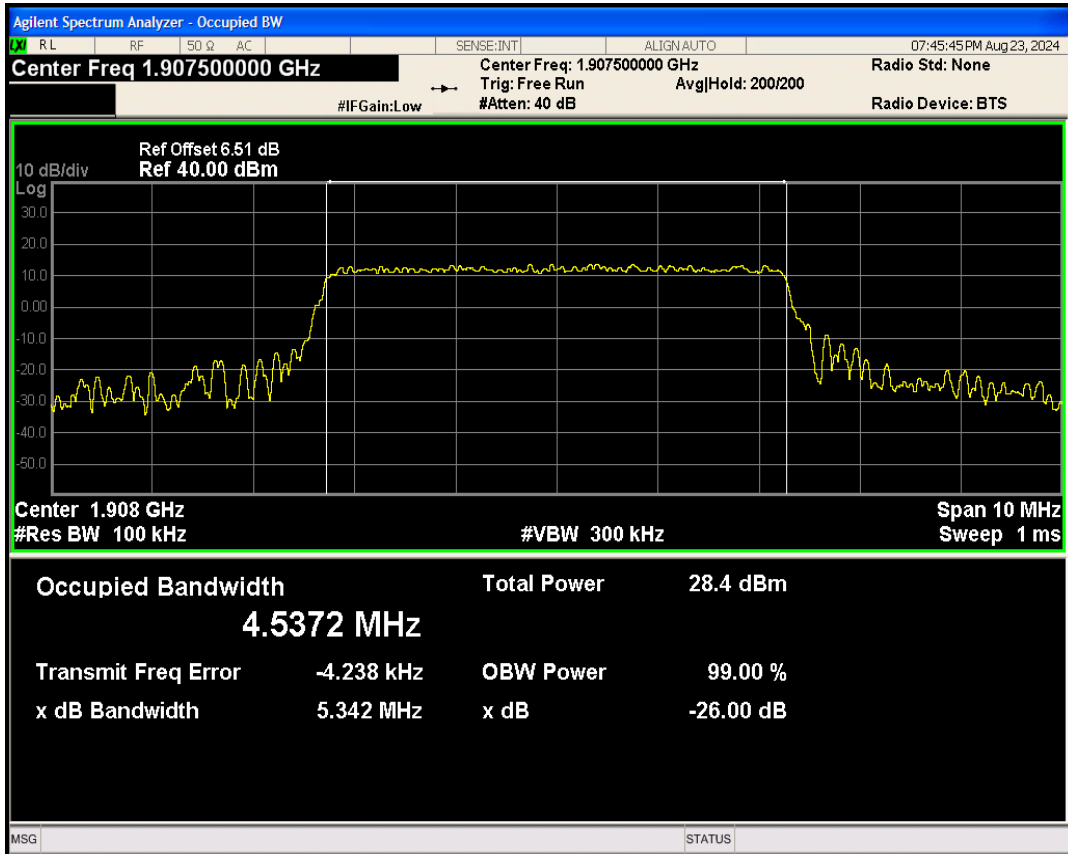
Band2 16QAM BW=5MHz Channel=18900 RB Size=25 Position=#0



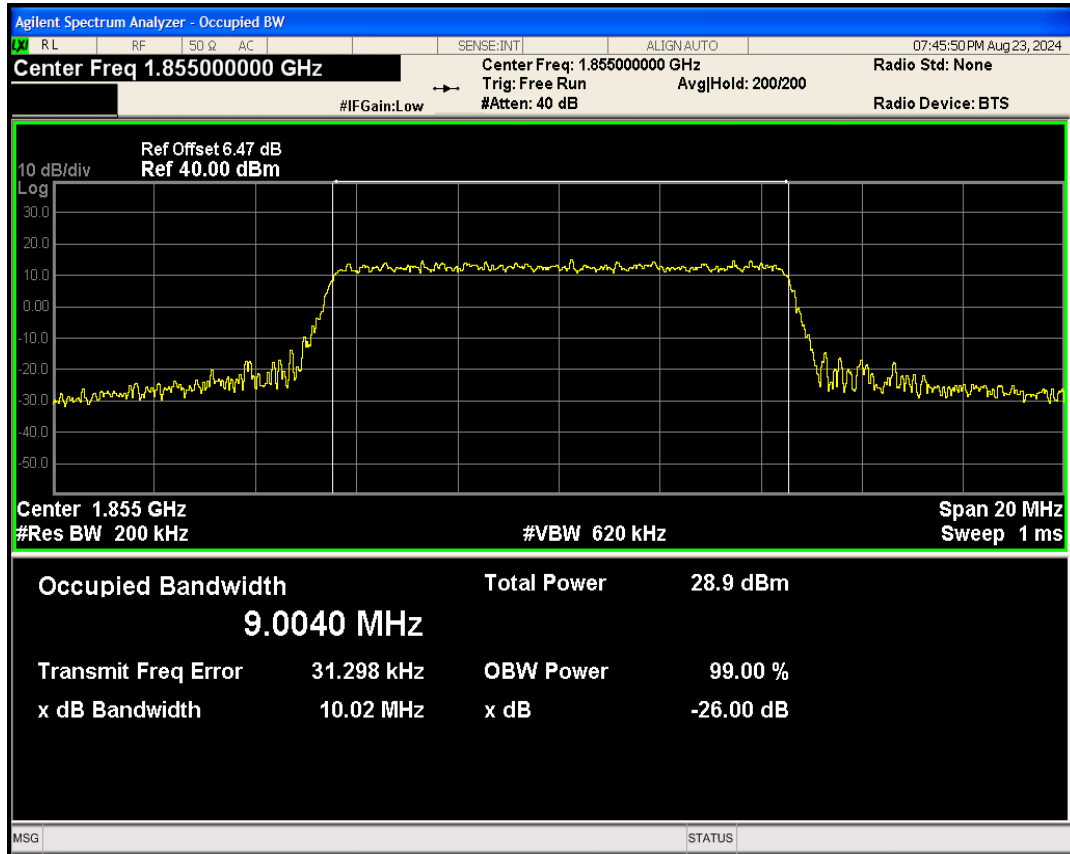
Band2 QPSK BW=5MHz Channel=19175 RB Size=25 Position=#0



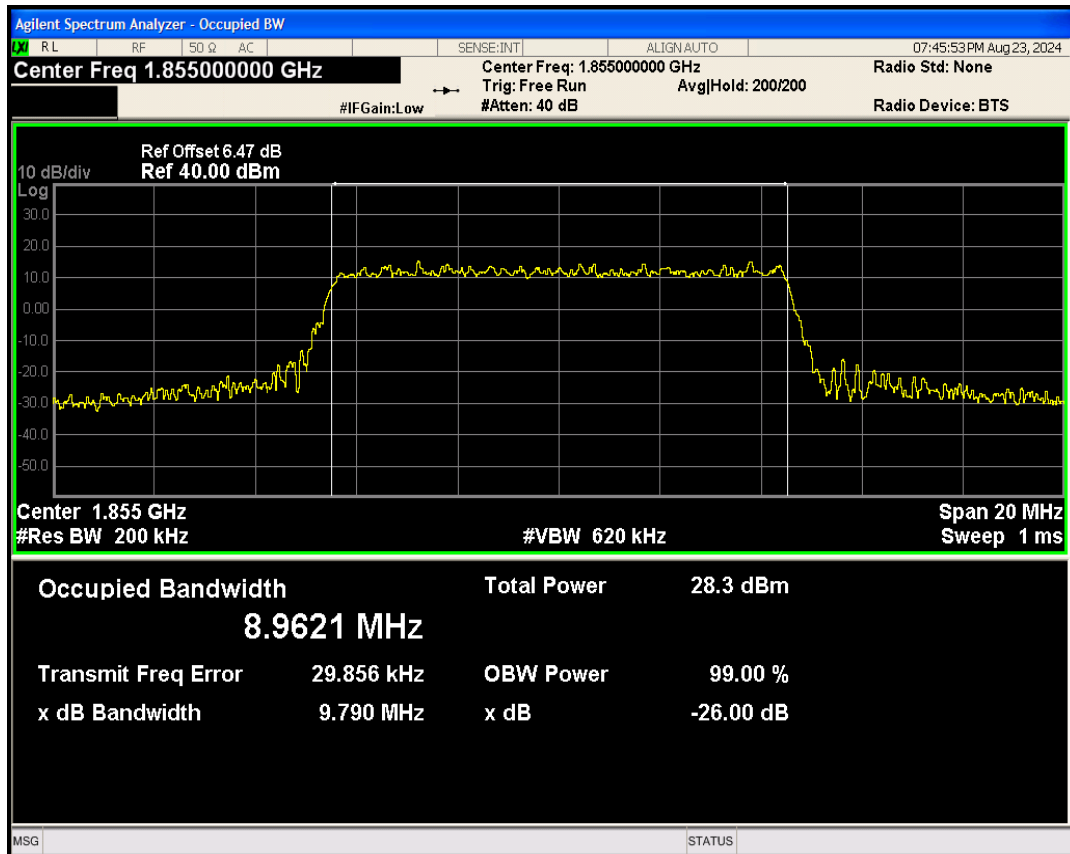
Band2 16QAM BW=5MHz Channel=19175 RB Size=25 Position=#0



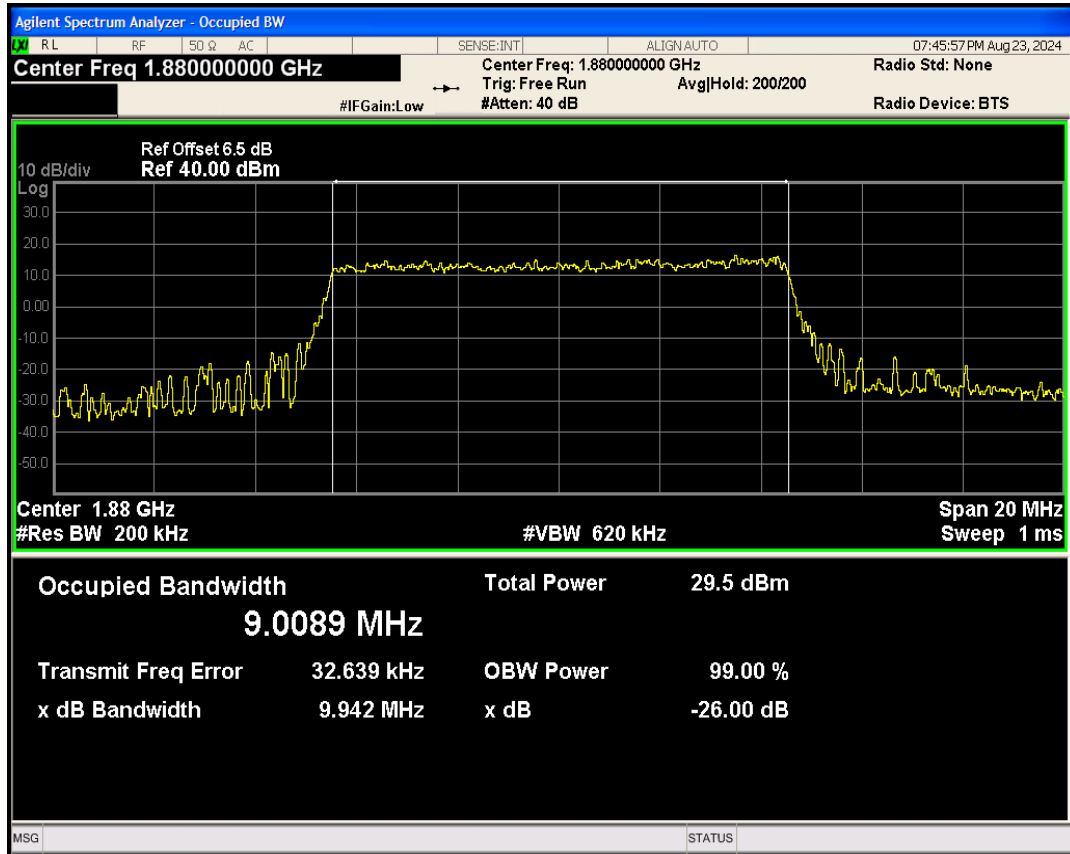
Band2 QPSK BW=10MHz Channel=18650 RB Size=50 Position=#0



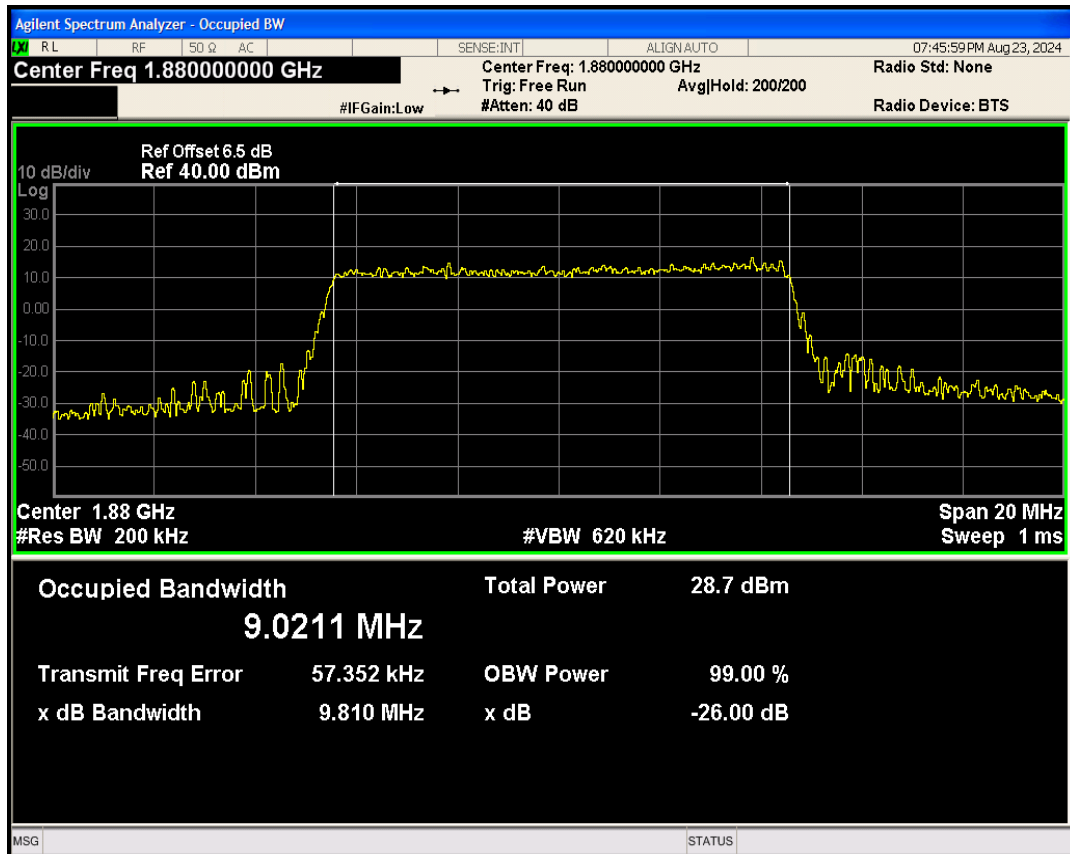
Band2 16QAM BW=10MHz Channel=18650 RB Size=50 Position=#0



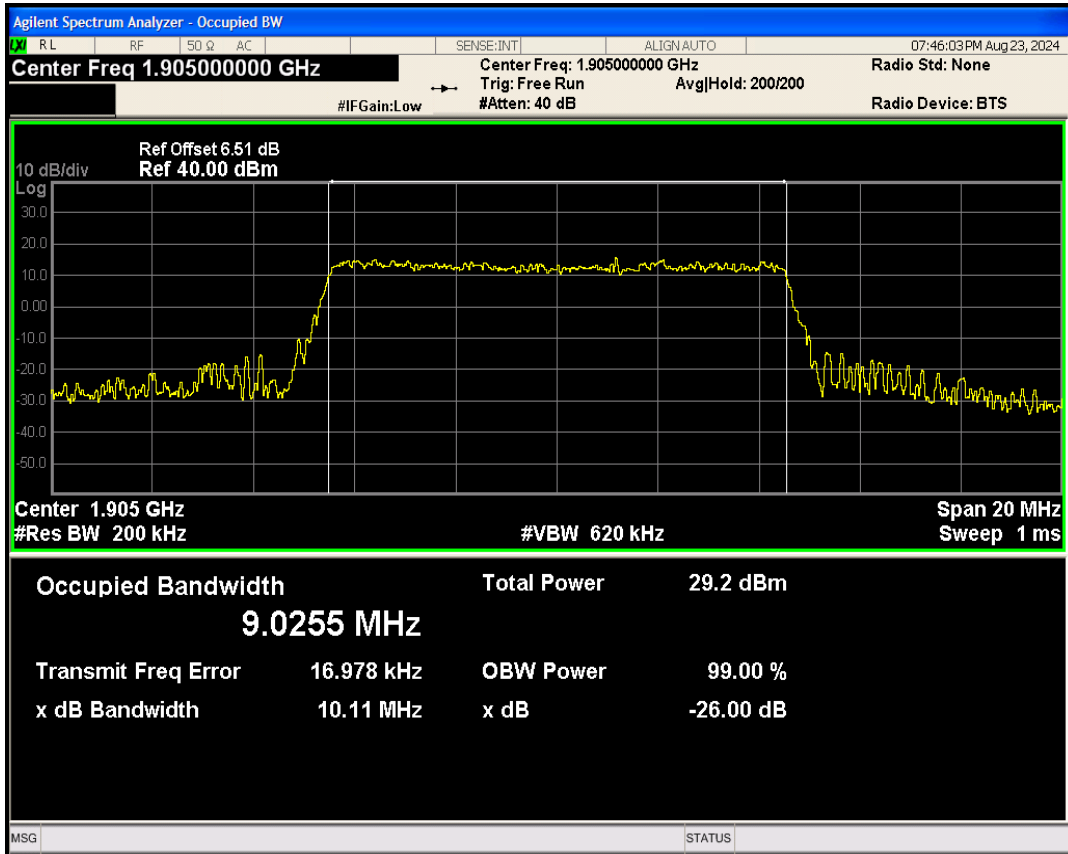
Band2 QPSK BW=10MHz Channel=18900 RB Size=50 Position=#0



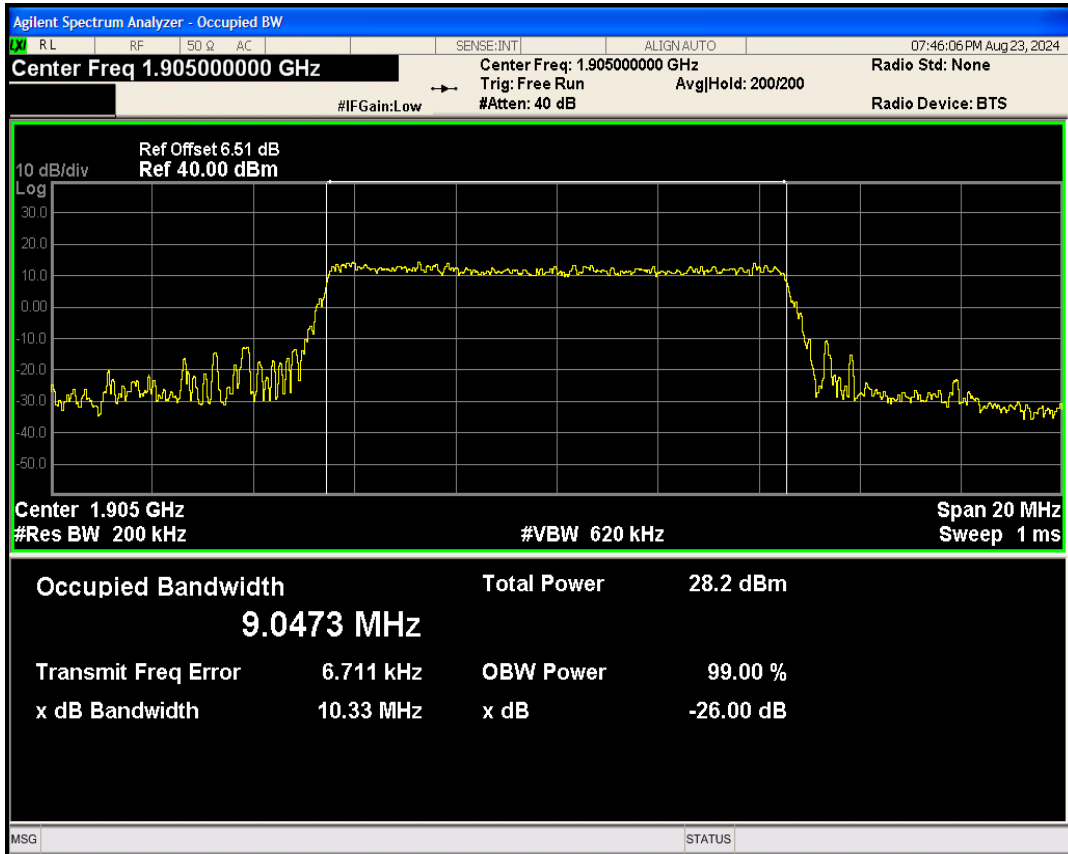
Band2 16QAM BW=10MHz Channel=18900 RB Size=50 Position=#0



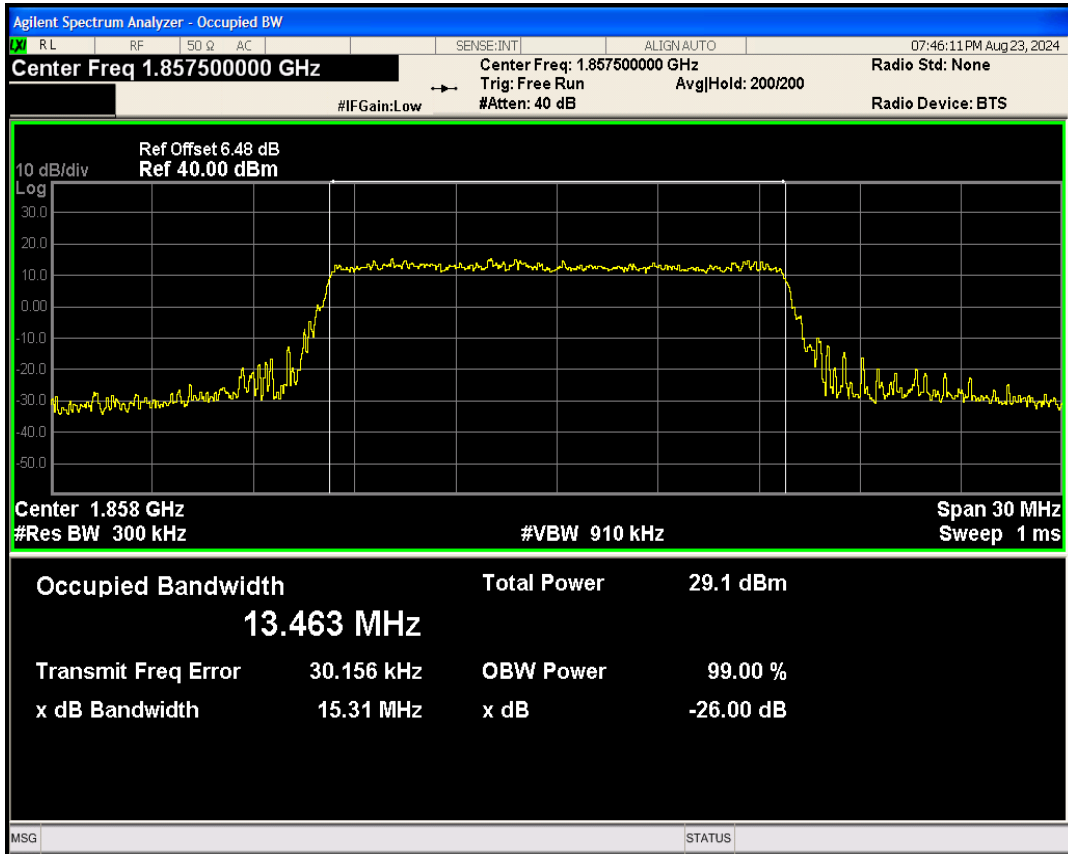
Band2 QPSK BW=10MHz Channel=19150 RB Size=50 Position=#0



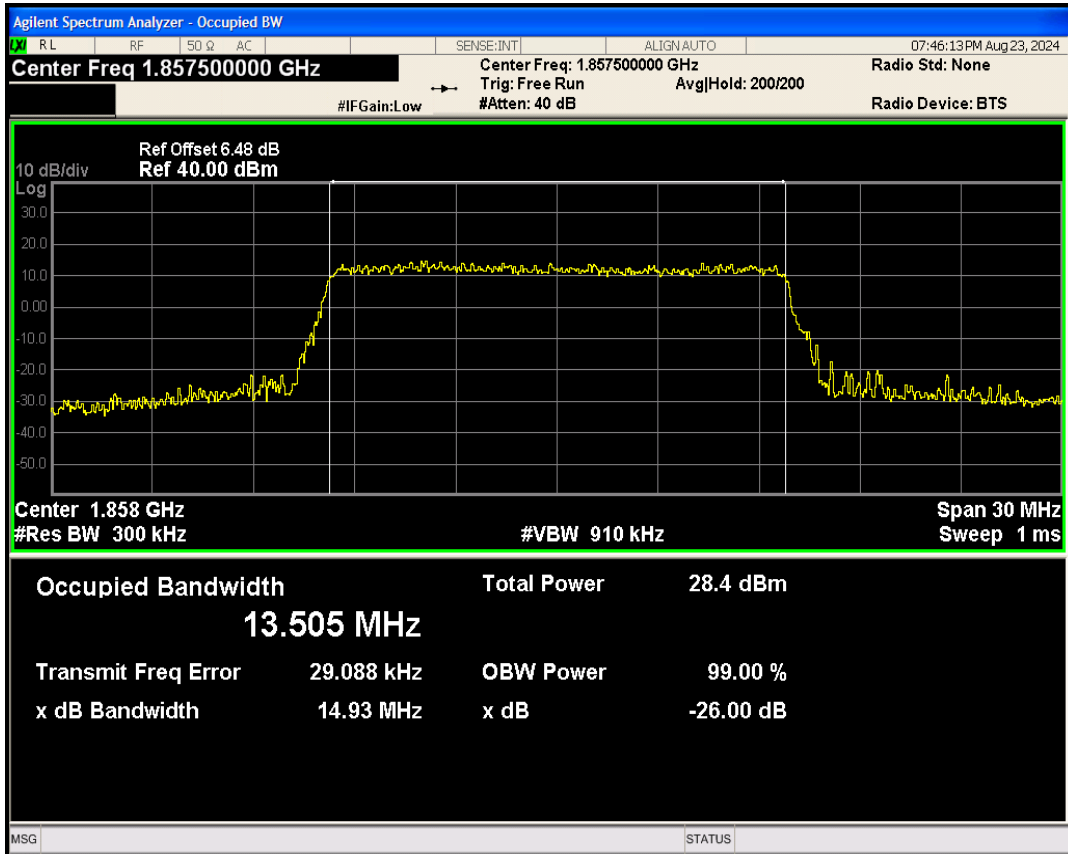
Band2 16QAM BW=10MHz Channel=19150 RB Size=50 Position=#0



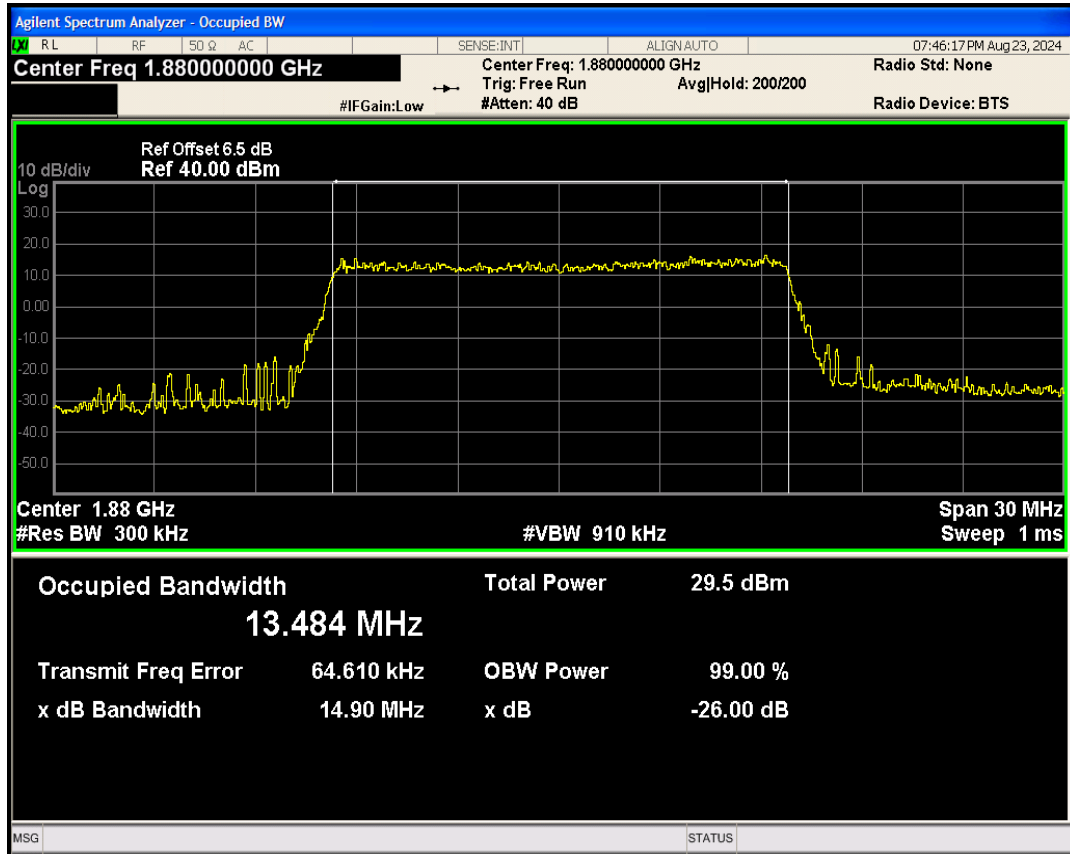
Band2 QPSK BW=15MHz Channel=18675 RB Size=75 Position=#0



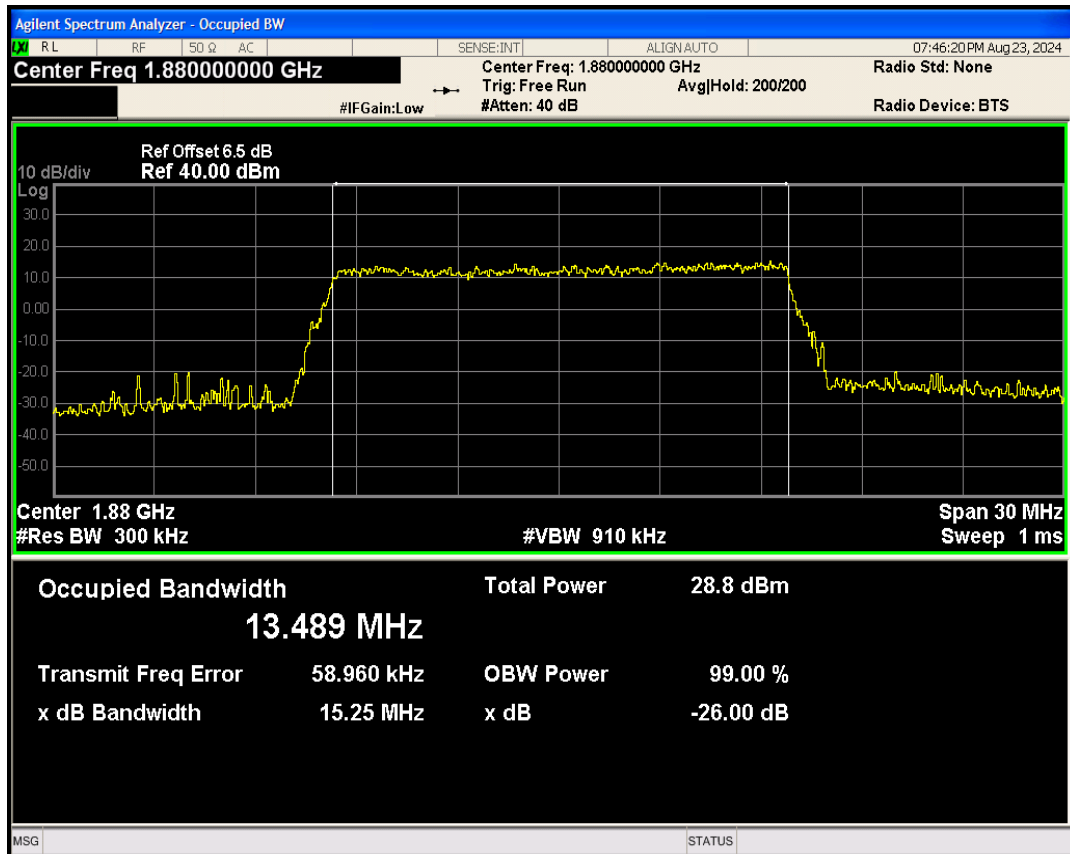
Band2 16QAM BW=15MHz Channel=18675 RB Size=75 Position=#0



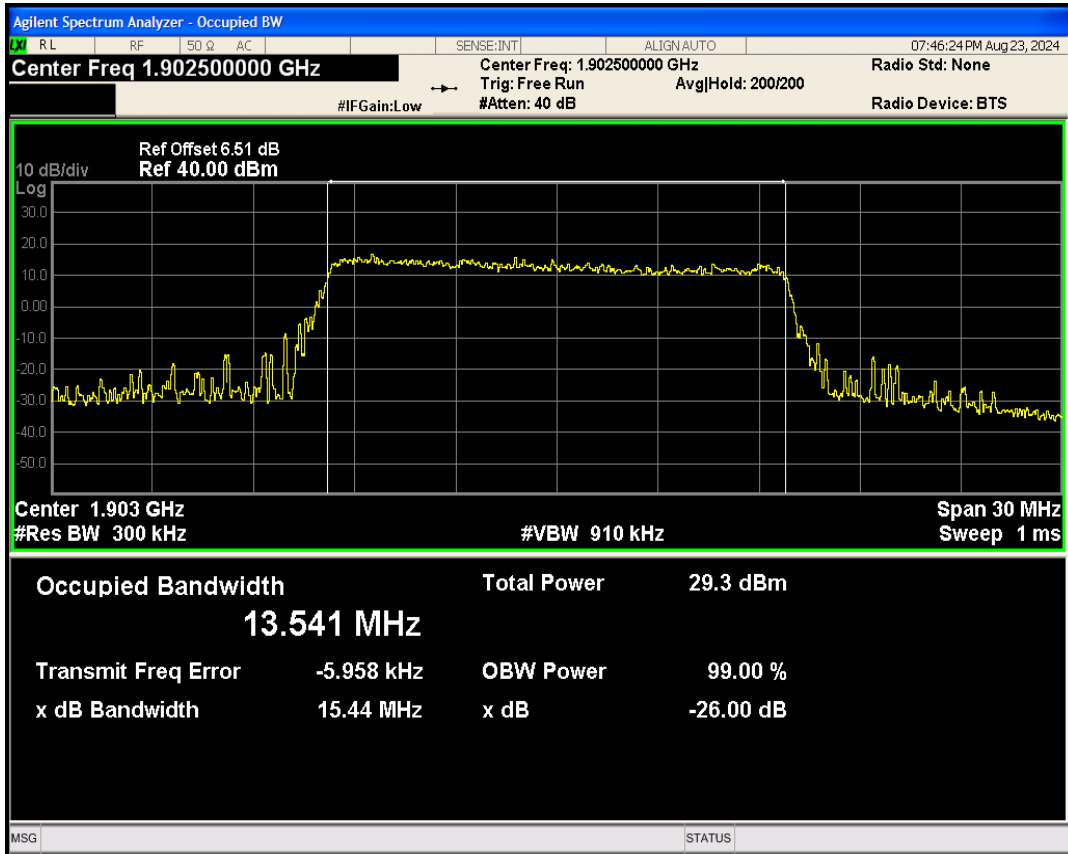
Band2 QPSK BW=15MHz Channel=18900 RB Size=75 Position=#0



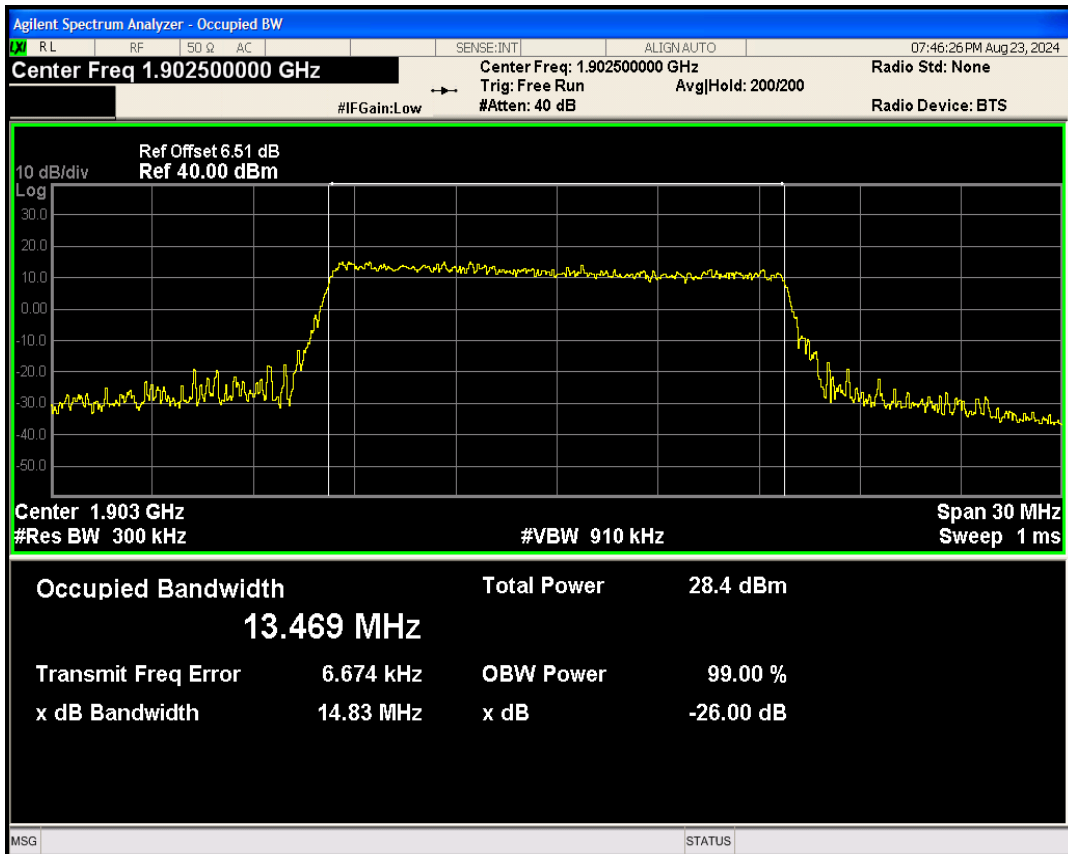
Band2 16QAM BW=15MHz Channel=18900 RB Size=75 Position=#0



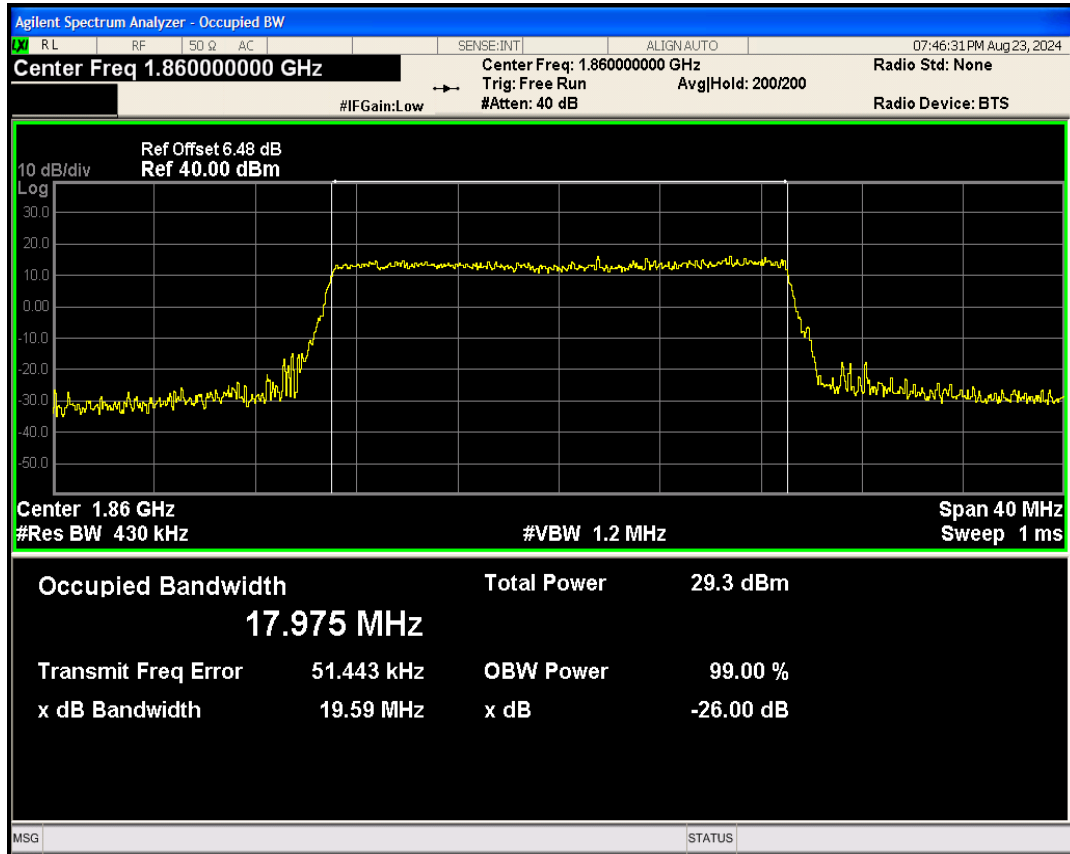
Band2 QPSK BW=15MHz Channel=19125 RB Size=75 Position=#0



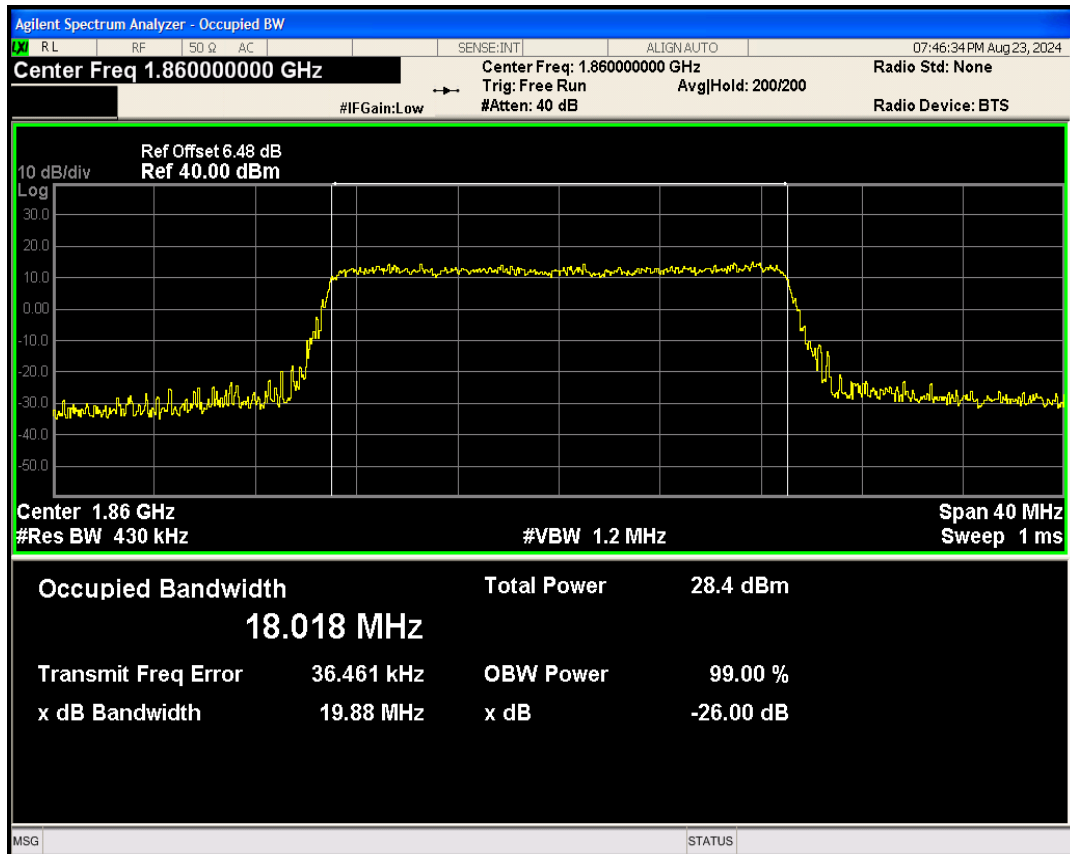
Band2 16QAM BW=15MHz Channel=19125 RB Size=75 Position=#0



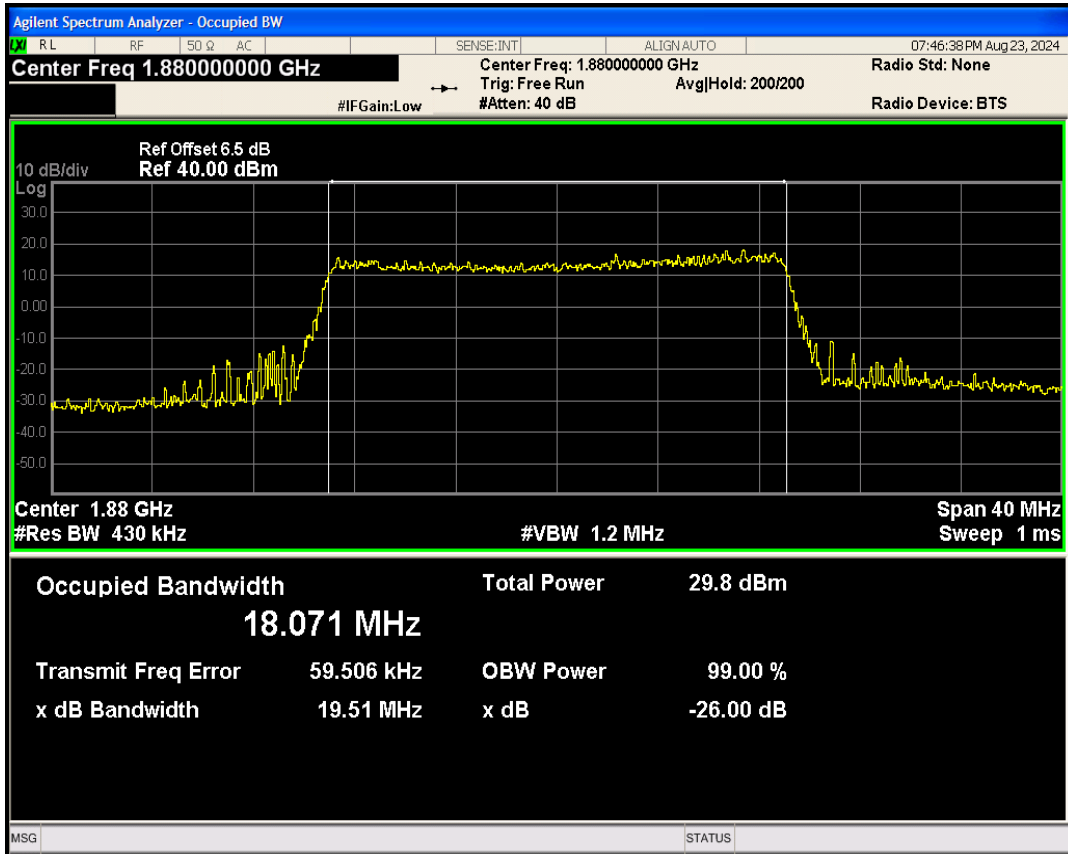
Band2 QPSK BW=20MHz Channel=18700 RB Size=100 Position=#0



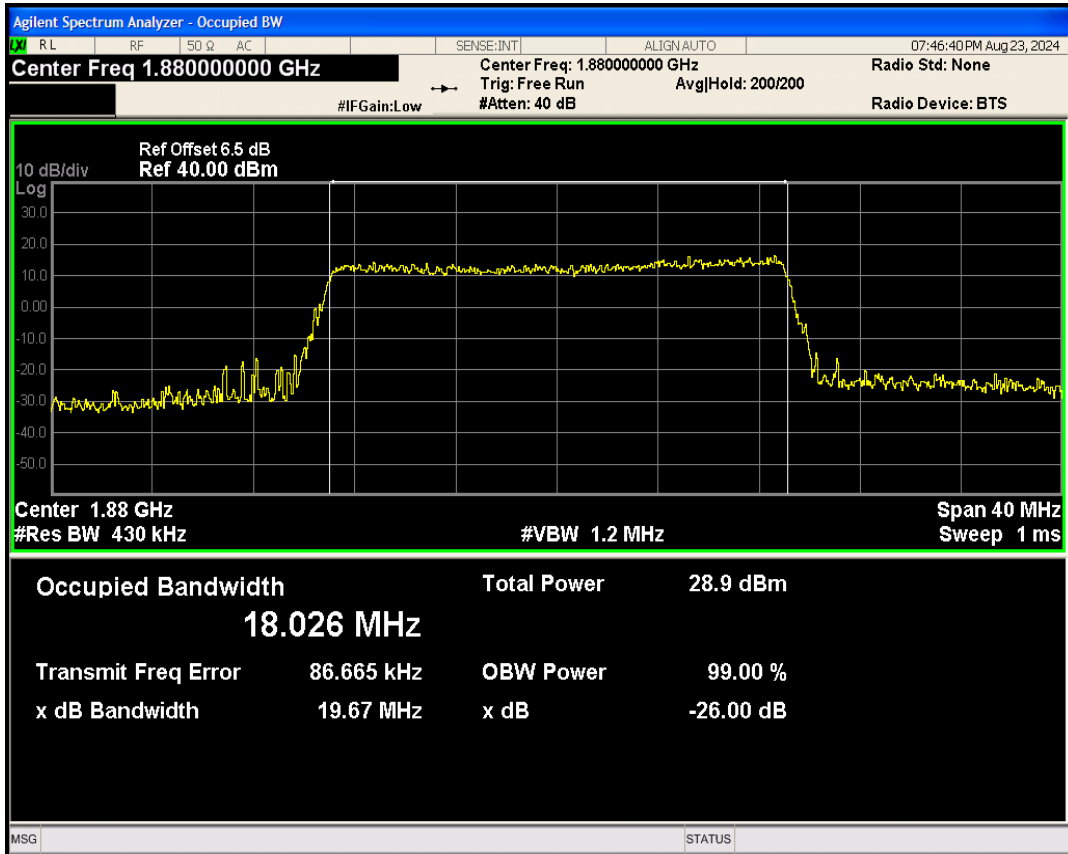
Band2 16QAM BW=20MHz Channel=18700 RB Size=100 Position=#0



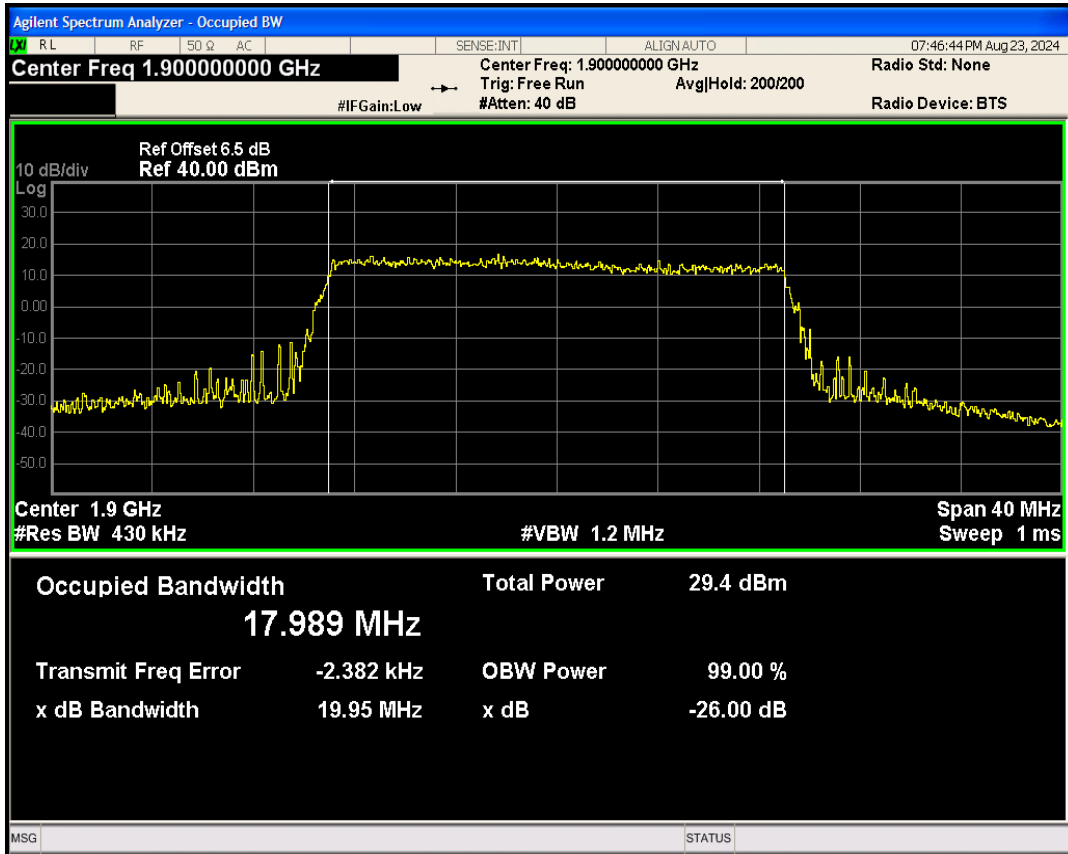
Band2 QPSK BW=20MHz Channel=18900 RB Size=100 Position=#0



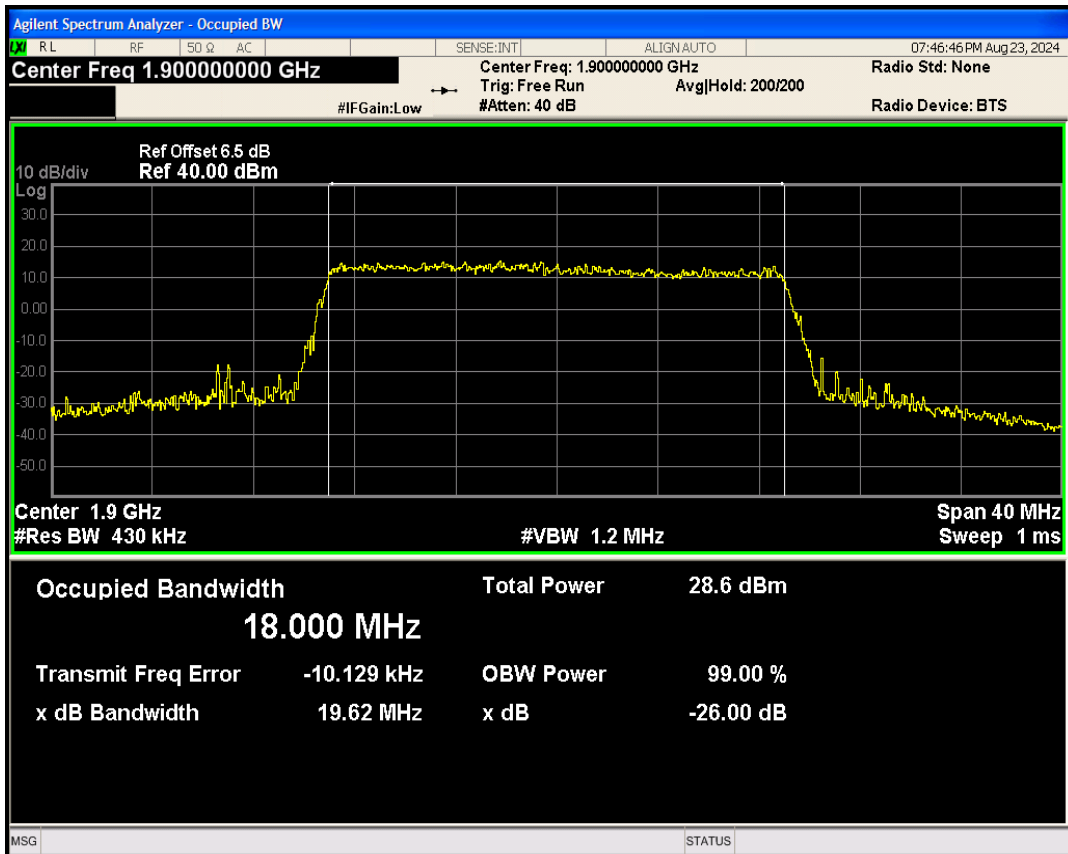
Band2 16QAM BW=20MHz Channel=18900 RB Size=100 Position=#0



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	-30.87	-13	PASS
Band2	1.4	18607	6	#0	16QAM	1849.99	-30.76	-13	PASS
Band2	1.4	19193	6	#0	QPSK	1910.00	-28.40	-13	PASS
Band2	1.4	19193	6	#0	16QAM	1910.01	-28.40	-13	PASS
Band2	3	18615	15	#0	QPSK	1850.00	-26.26	-13	PASS
Band2	3	18615	15	#0	16QAM	1849.98	-26.95	-13	PASS
Band2	3	19185	15	#0	QPSK	1910.01	-26.66	-13	PASS
Band2	3	19185	15	#0	16QAM	1910.00	-26.64	-13	PASS
Band2	5	18625	25	#0	QPSK	1849.93	-31.43	-13	PASS
Band2	5	18625	25	#0	16QAM	1849.94	-31.80	-13	PASS
Band2	5	19175	25	#0	QPSK	1910.00	-29.56	-13	PASS
Band2	5	19175	25	#0	16QAM	1910.00	-29.52	-13	PASS
Band2	10	18650	50	#0	QPSK	1849.94	-33.31	-13	PASS
Band2	10	18650	50	#0	16QAM	1849.98	-33.04	-13	PASS
Band2	10	19150	50	#0	QPSK	1910.00	-34.64	-13	PASS
Band2	10	19150	50	#0	16QAM	1910.00	-32.44	-13	PASS
Band2	15	18675	75	#0	QPSK	1849.79	-34.80	-13	PASS
Band2	15	18675	75	#0	16QAM	1849.97	-36.51	-13	PASS
Band2	15	19125	75	#0	QPSK	1910.03	-31.69	-13	PASS
Band2	15	19125	75	#0	16QAM	1910.00	-37.95	-13	PASS
Band2	20	18700	100	#0	QPSK	1849.92	-36.52	-13	PASS
Band2	20	18700	100	#0	16QAM	1850.00	-37.92	-13	PASS
Band2	20	19100	100	#0	QPSK	1910.04	-37.81	-13	PASS
Band2	20	19100	100	#0	16QAM	1910.12	-37.69	-13	PASS

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



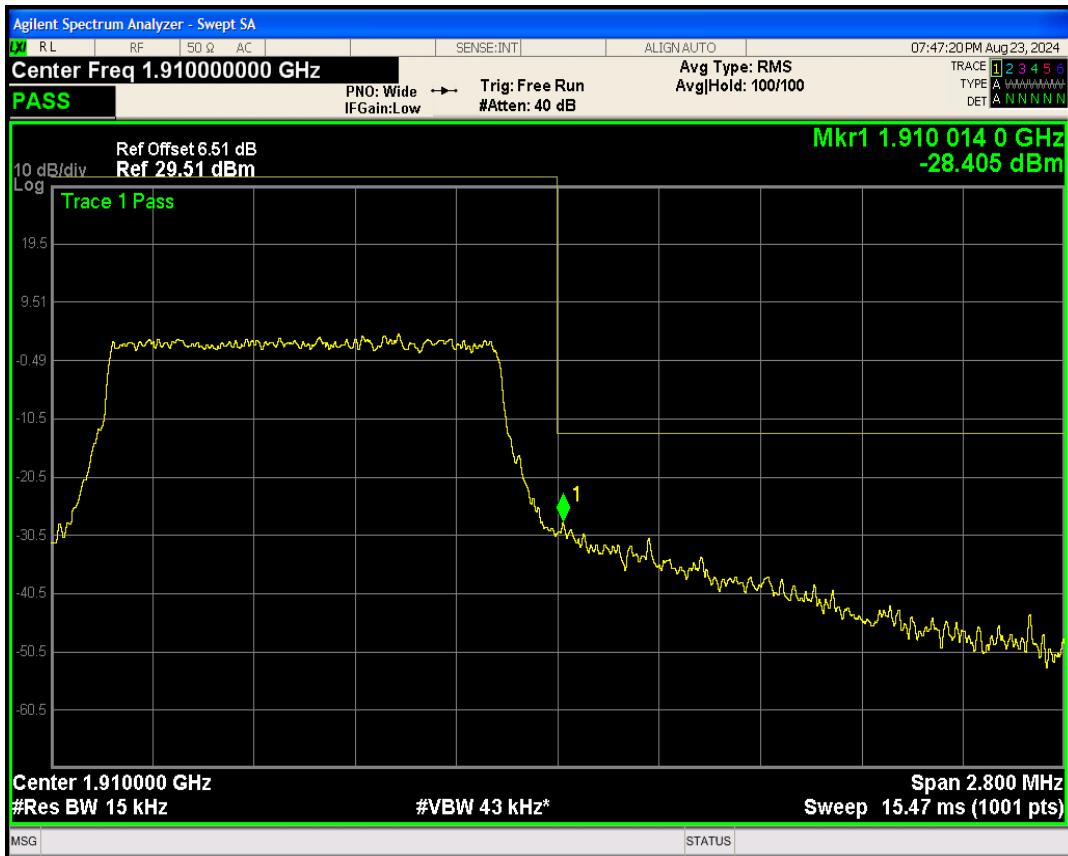
Band2 16QAM BW=1.4MHz Channel=18607 RB Size=6 Position=#0



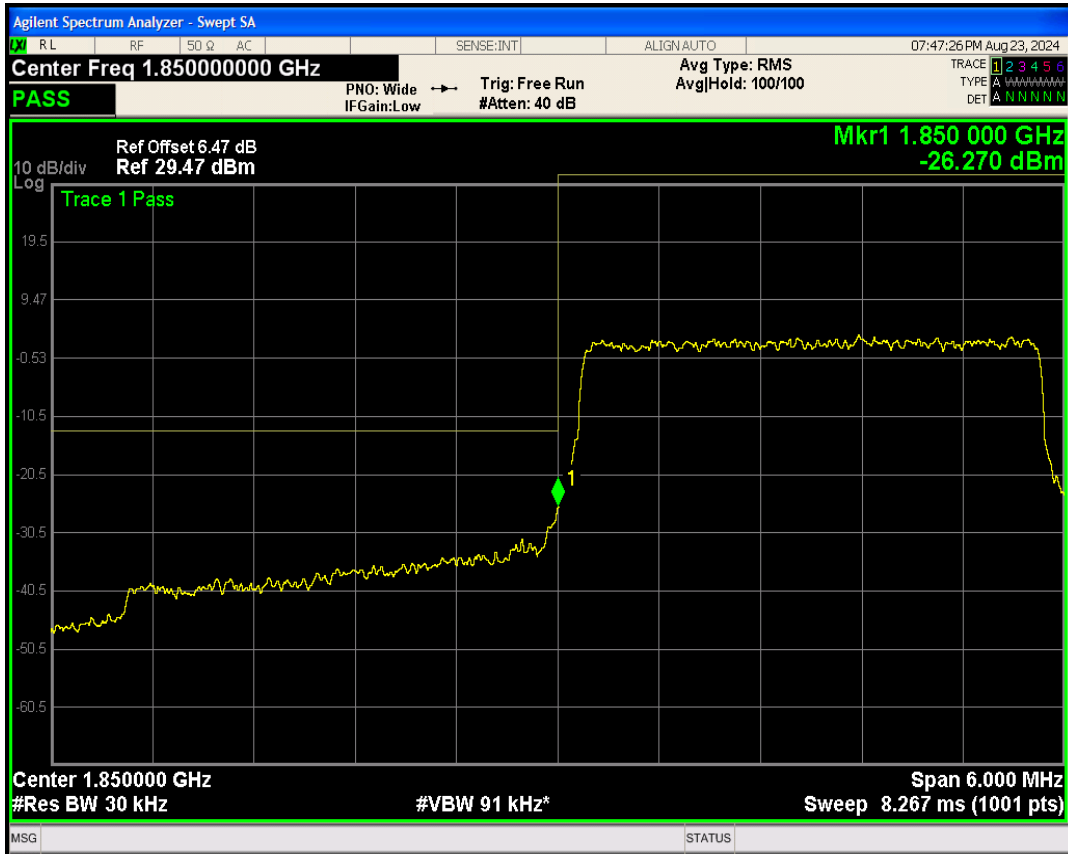
Band2 QPSK BW=1.4MHz Channel=19193 RB Size=6 Position=#0



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



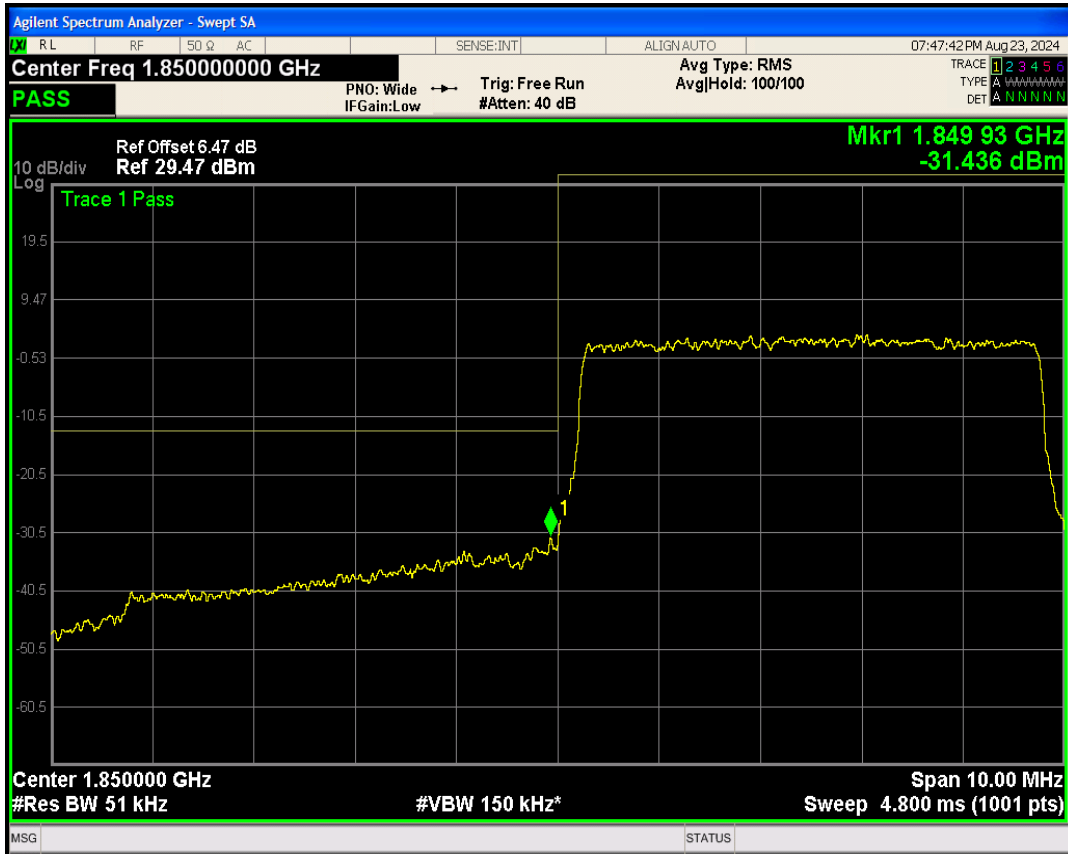
Band2 QPSK BW=3MHz Channel=19185 RB Size=15 Position=#0



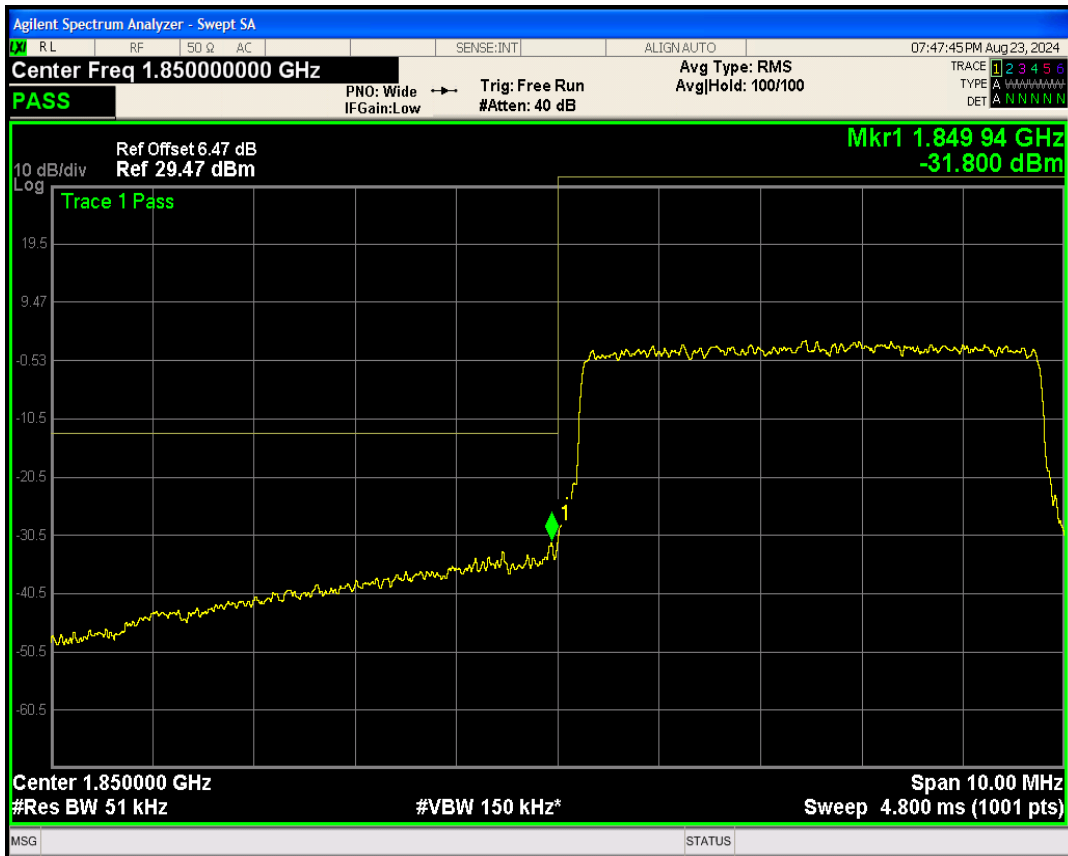
Band2 16QAM BW=3MHz Channel=19185 RB Size=15 Position=#0



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



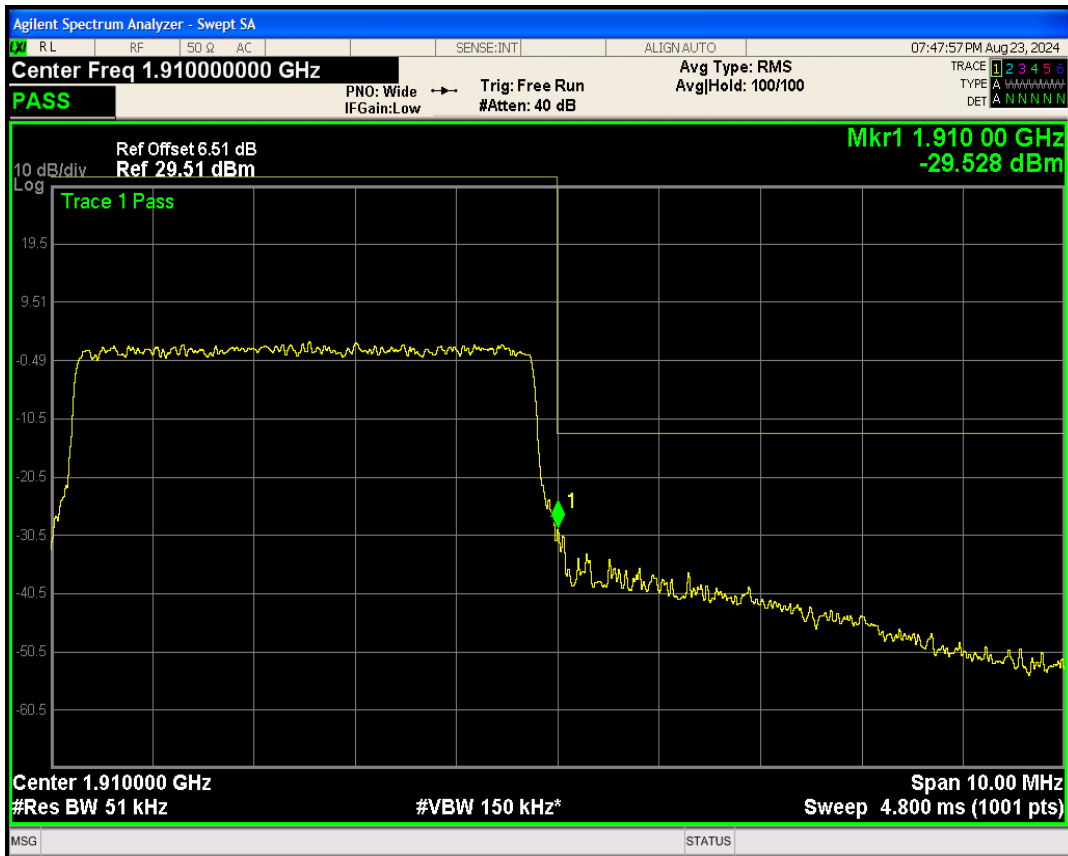
Band2 16QAM BW=5MHz Channel=18625 RB Size=25 Position=#0



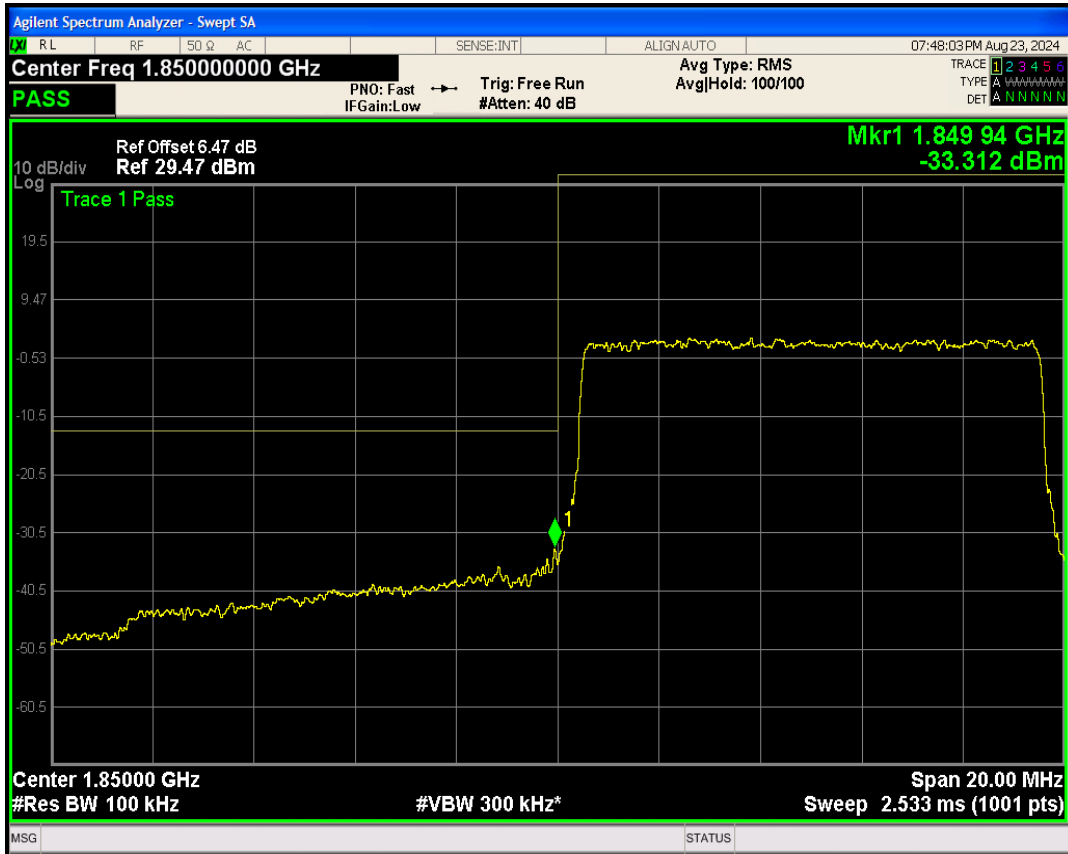
Band2 QPSK BW=5MHz Channel=19175 RB Size=25 Position=#0



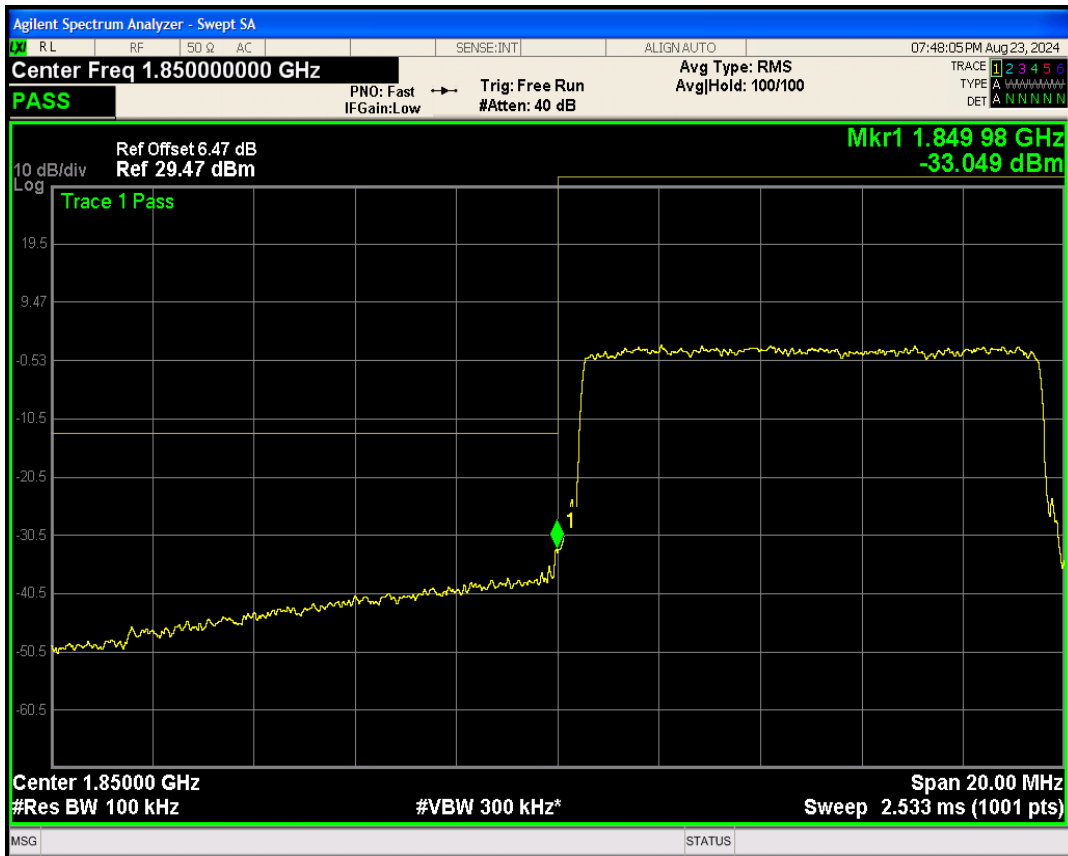
Band2 16QAM BW=5MHz Channel=19175 RB Size=25 Position=#0



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



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



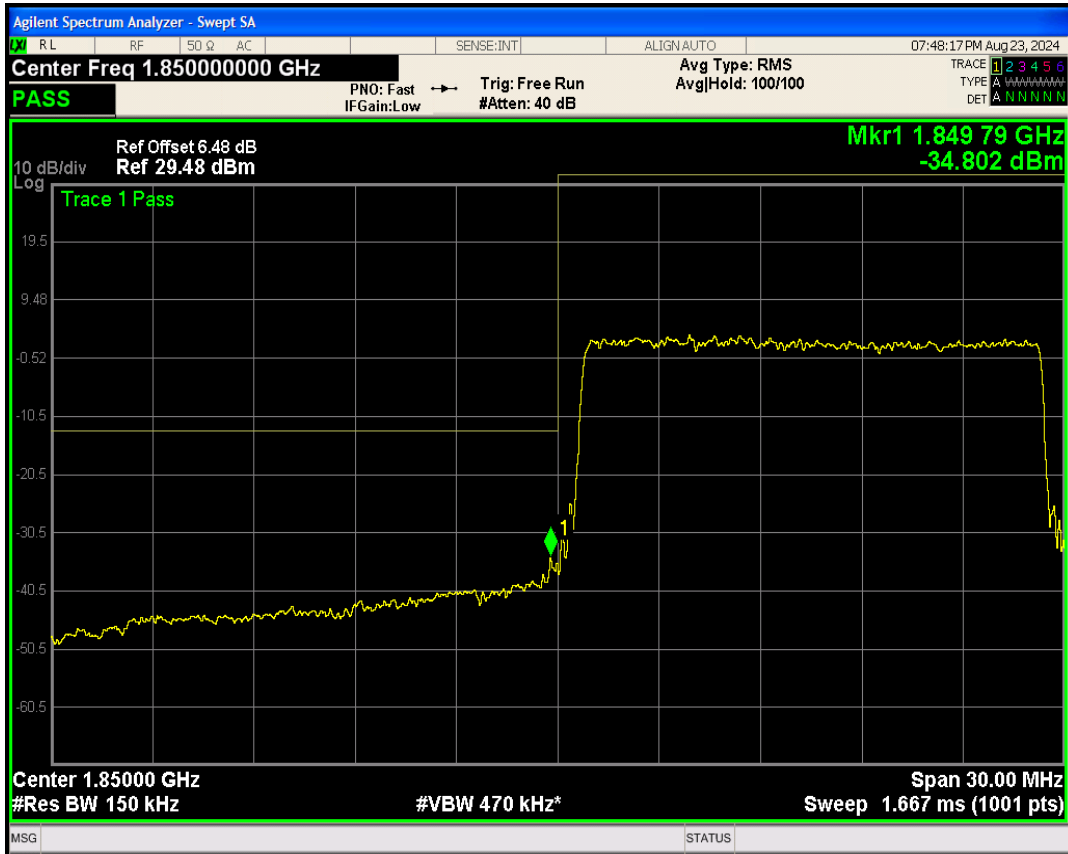
Band2 QPSK BW=10MHz Channel=19150 RB Size=50 Position=#0



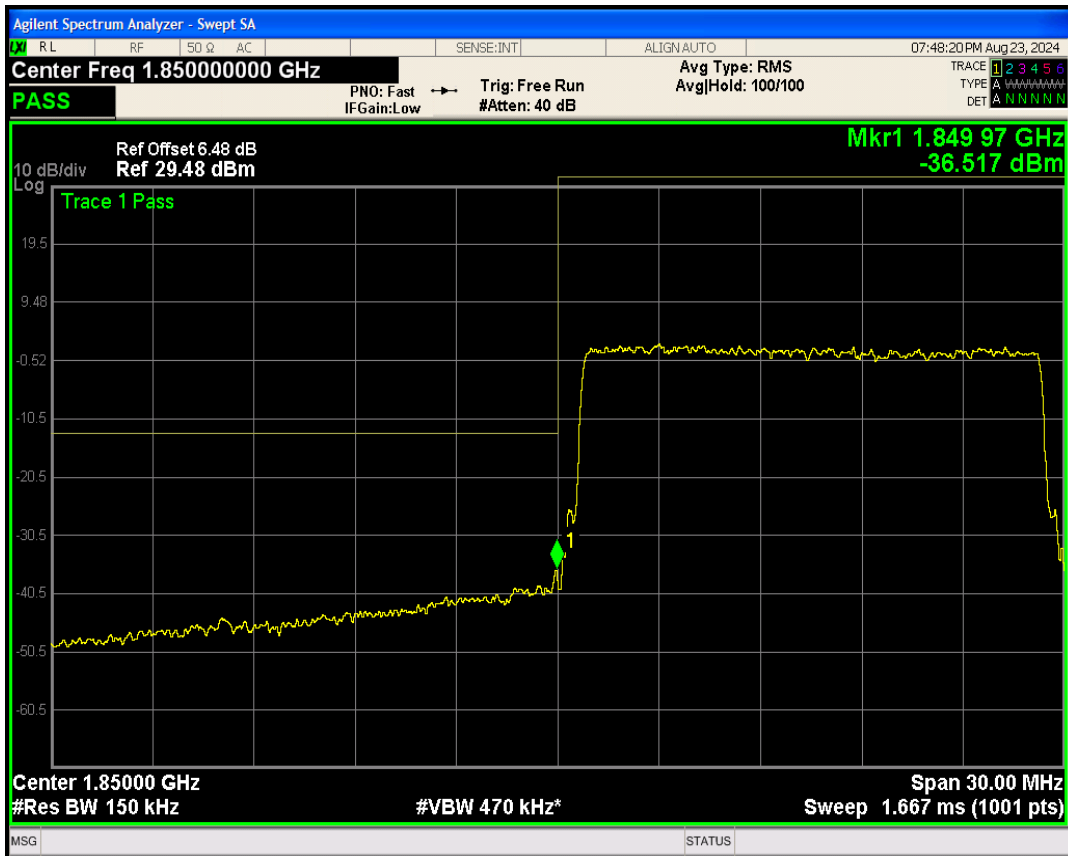
Band2 16QAM BW=10MHz Channel=19150 RB Size=50 Position=#0



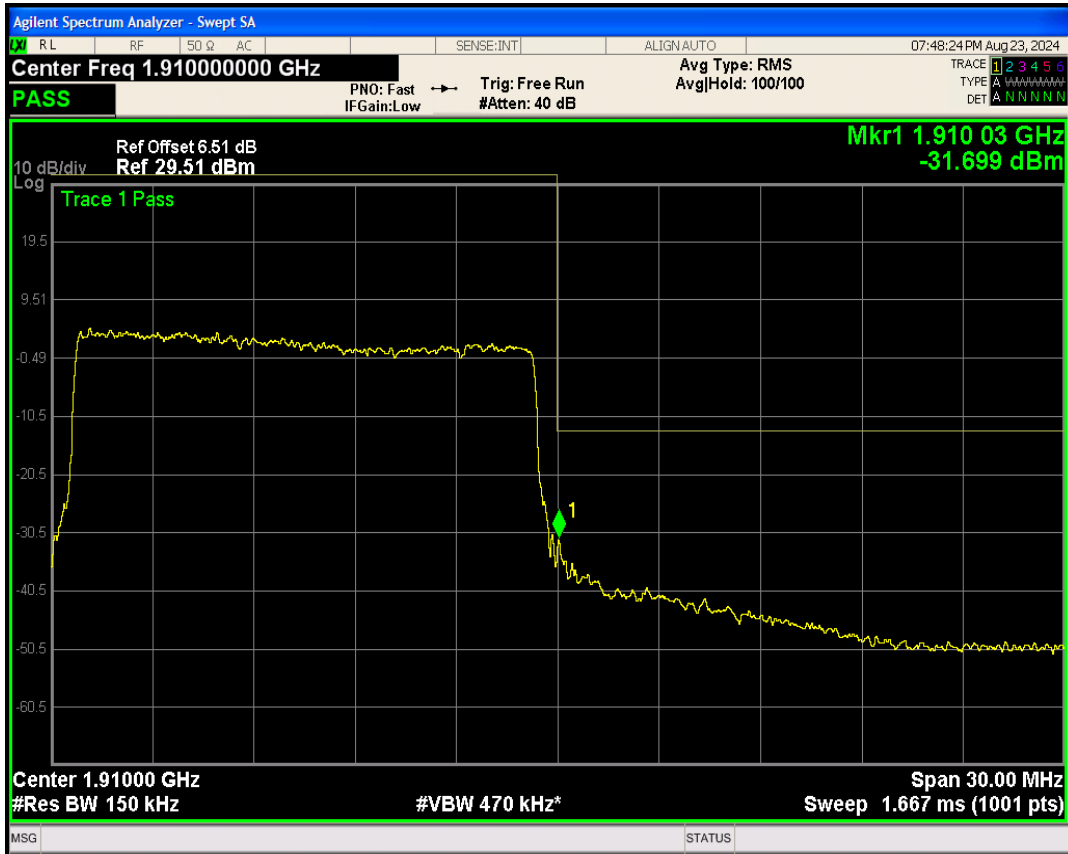
Band2 QPSK BW=15MHz Channel=18675 RB Size=75 Position=#0



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



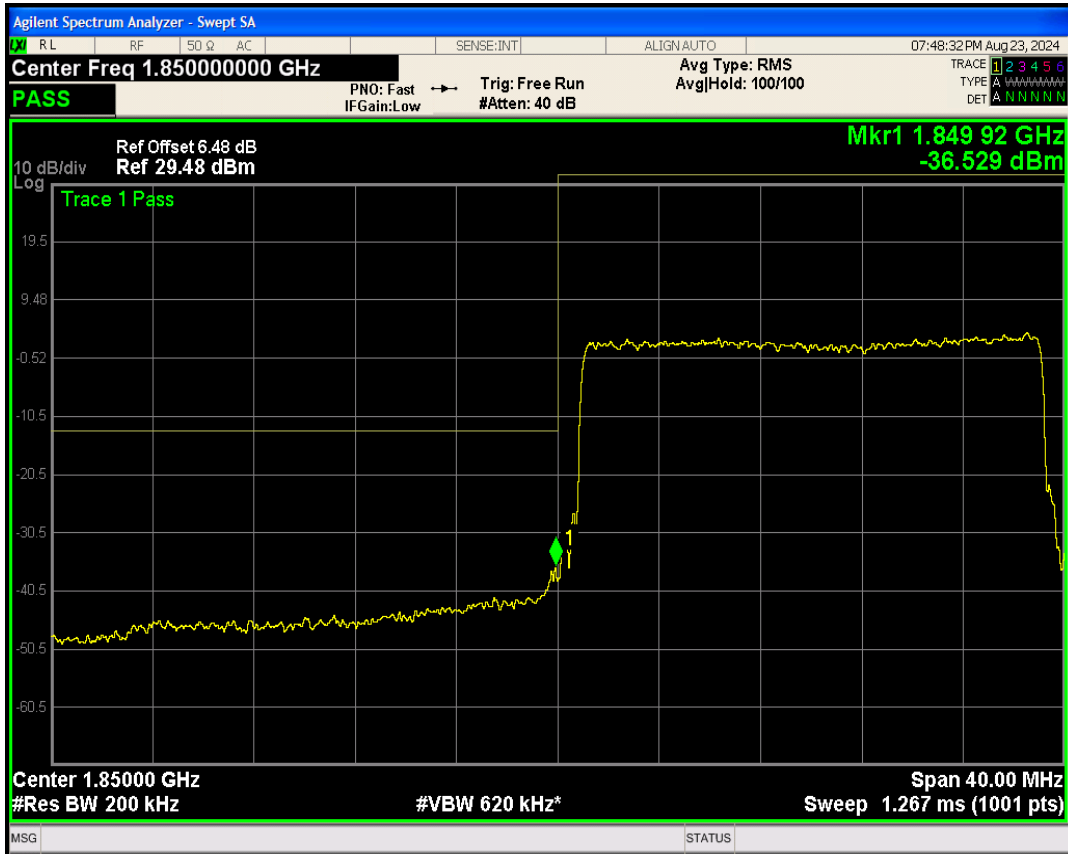
Band2 QPSK BW=15MHz Channel=19125 RB Size=75 Position=#0



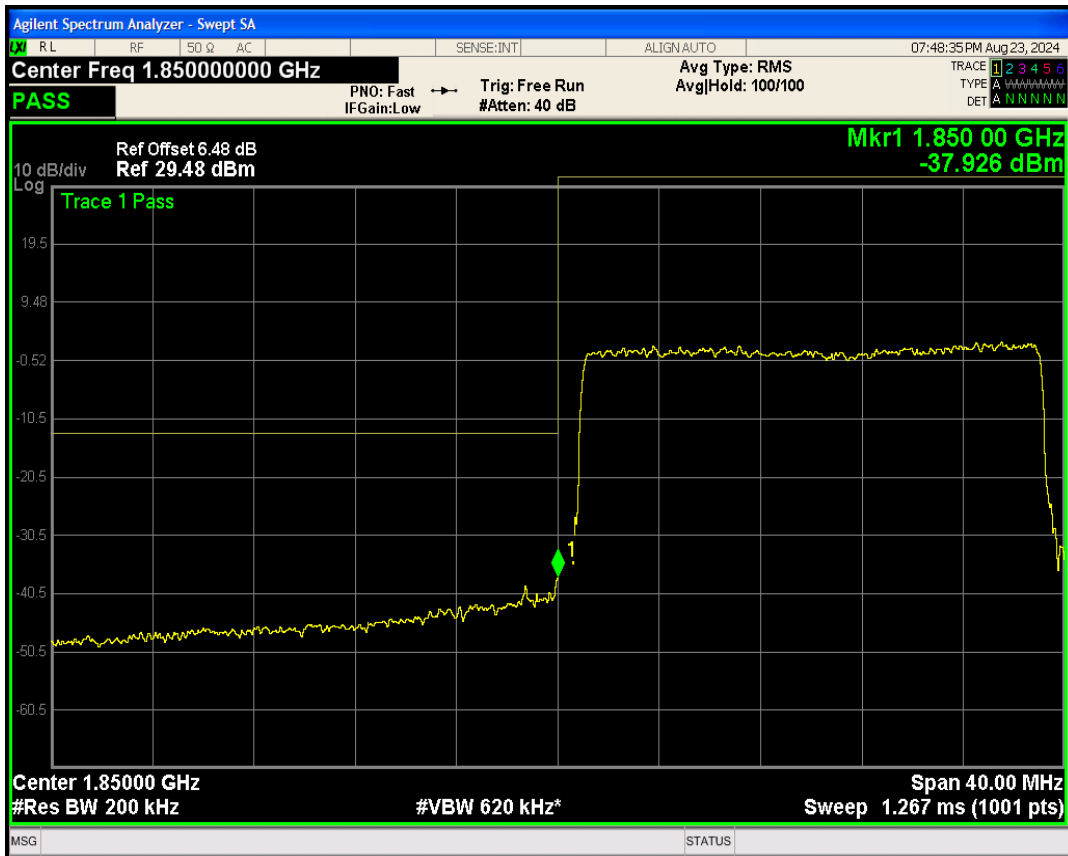
Band2 16QAM BW=15MHz Channel=19125 RB Size=75 Position=#0



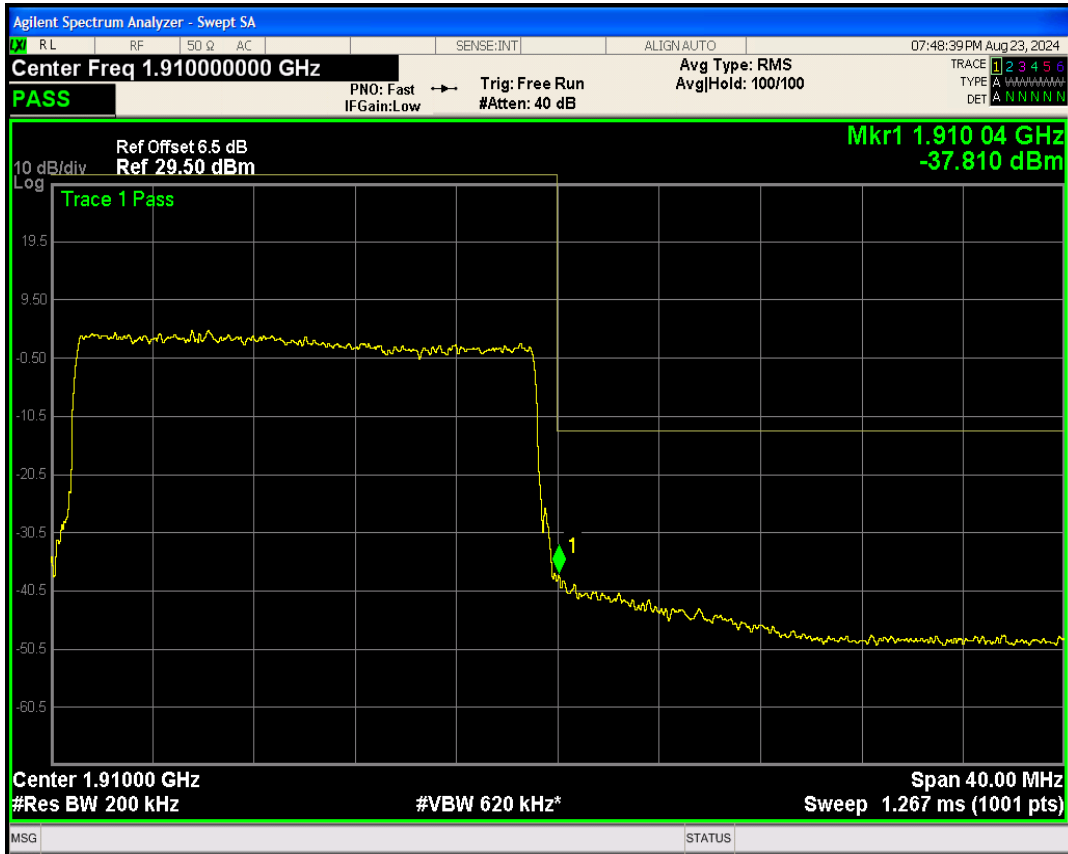
Band2 QPSK BW=20MHz Channel=18700 RB Size=100 Position=#0



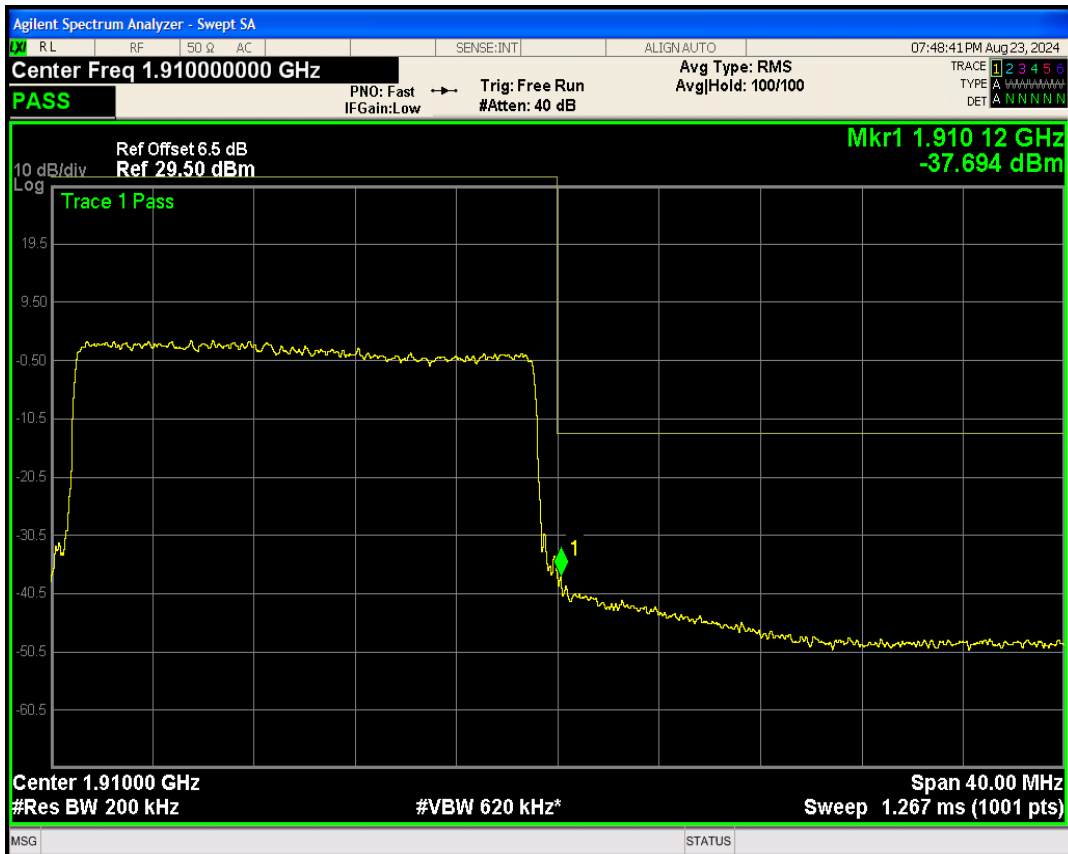
Band2 16QAM BW=20MHz Channel=18700 RB Size=100 Position=#0



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



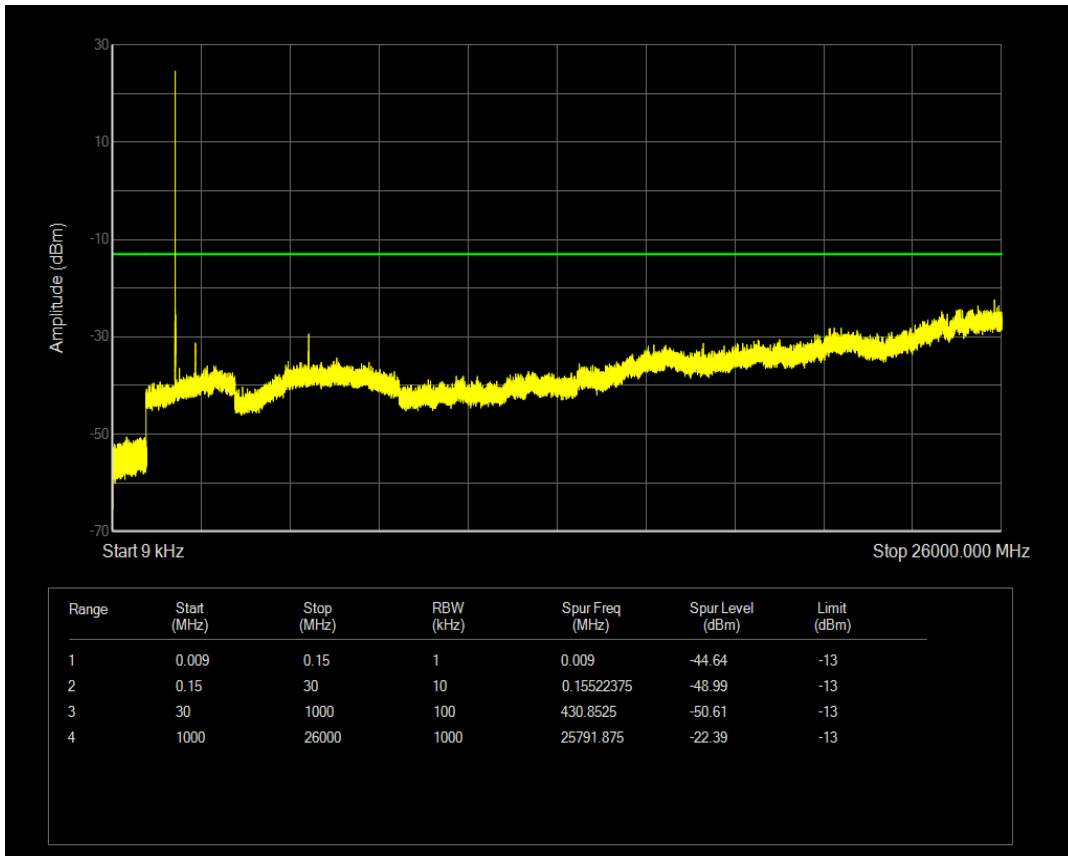
Band2 16QAM BW=20MHz Channel=19100 RB Size=100 Position=#0



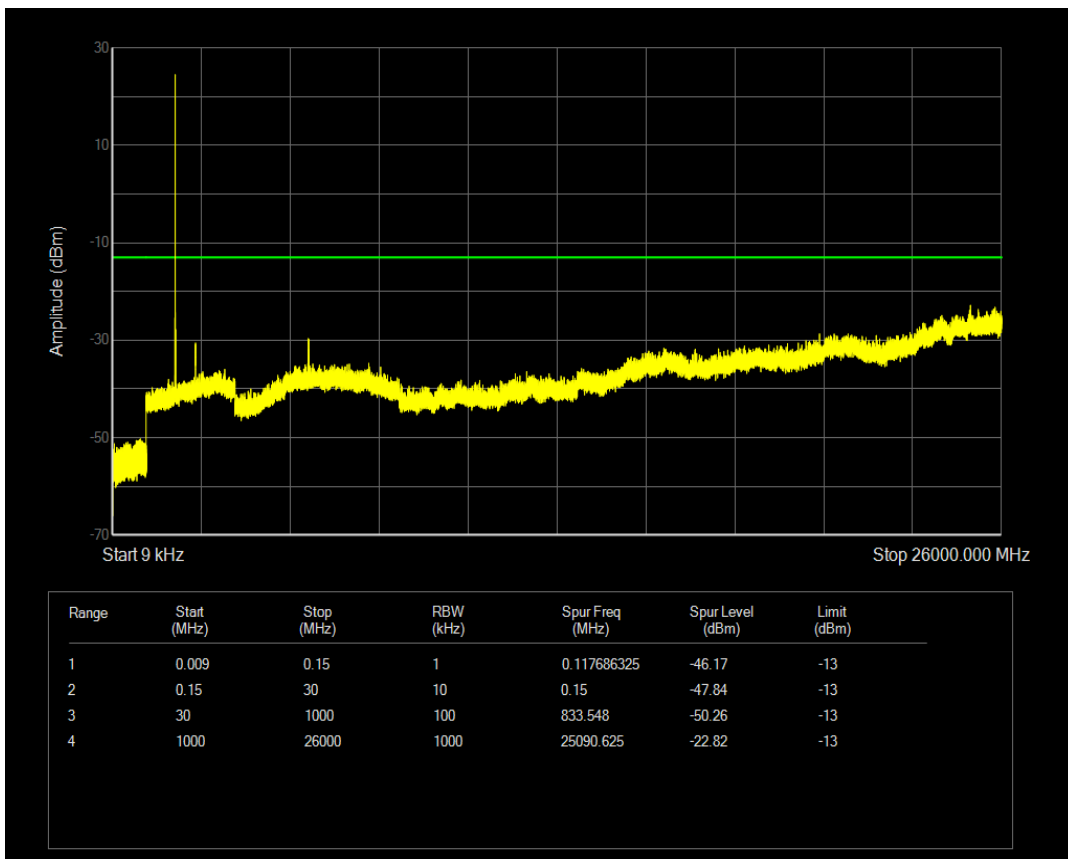
Appendix 6. Out-of-band emissions

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	25791.88	-22.39	-13	PASS
Band2	1.4	18607	6	#0	16QAM	25090.63	-22.82	-13	PASS
Band2	1.4	18900	6	#0	QPSK	25628.75	-23.56	-13	PASS
Band2	1.4	18900	6	#0	16QAM	25881.88	-23.04	-13	PASS
Band2	1.4	19193	6	#0	QPSK	24688.75	-23.01	-13	PASS
Band2	1.4	19193	6	#0	16QAM	24710.63	-23.31	-13	PASS
Band2	3	18615	15	#0	QPSK	2432.50	-22.81	-13	PASS
Band2	3	18615	15	#0	16QAM	25588.13	-23.50	-13	PASS
Band2	3	18900	15	#0	QPSK	25740.00	-23.77	-13	PASS
Band2	3	18900	15	#0	16QAM	25586.25	-22.69	-13	PASS
Band2	3	19185	15	#0	QPSK	25816.88	-23.04	-13	PASS
Band2	3	19185	15	#0	16QAM	25793.13	-23.06	-13	PASS
Band2	5	18625	25	#0	QPSK	25918.13	-23.98	-13	PASS
Band2	5	18625	25	#0	16QAM	25773.13	-22.74	-13	PASS
Band2	5	18900	25	#0	QPSK	24790.63	-23.44	-13	PASS
Band2	5	18900	25	#0	16QAM	25336.25	-23.85	-13	PASS
Band2	5	19175	25	#0	QPSK	25405.00	-23.45	-13	PASS
Band2	5	19175	25	#0	16QAM	25943.75	-22.66	-13	PASS
Band2	10	18650	50	#0	QPSK	24790.63	-23.73	-13	PASS
Band2	10	18650	50	#0	16QAM	25689.38	-24.01	-13	PASS
Band2	10	18900	50	#0	QPSK	25060.63	-23.64	-13	PASS
Band2	10	18900	50	#0	16QAM	25961.25	-23.14	-13	PASS
Band2	10	19150	50	#0	QPSK	25951.25	-22.26	-13	PASS
Band2	10	19150	50	#0	16QAM	25136.25	-23.60	-13	PASS
Band2	15	18675	75	#0	QPSK	25745.00	-23.58	-13	PASS
Band2	15	18675	75	#0	16QAM	25872.50	-23.52	-13	PASS
Band2	15	18900	75	#0	QPSK	25842.50	-23.47	-13	PASS
Band2	15	18900	75	#0	16QAM	25739.38	-24.20	-13	PASS
Band2	15	19125	75	#0	QPSK	25047.50	-23.42	-13	PASS
Band2	15	19125	75	#0	16QAM	24990.63	-24.01	-13	PASS
Band2	20	18700	100	#0	QPSK	25407.50	-22.94	-13	PASS
Band2	20	18700	100	#0	16QAM	25476.88	-23.59	-13	PASS
Band2	20	18900	100	#0	QPSK	24716.88	-22.52	-13	PASS
Band2	20	18900	100	#0	16QAM	25573.13	-23.50	-13	PASS
Band2	20	19100	100	#0	QPSK	25588.75	-23.56	-13	PASS
Band2	20	19100	100	#0	16QAM	25755.00	-23.53	-13	PASS

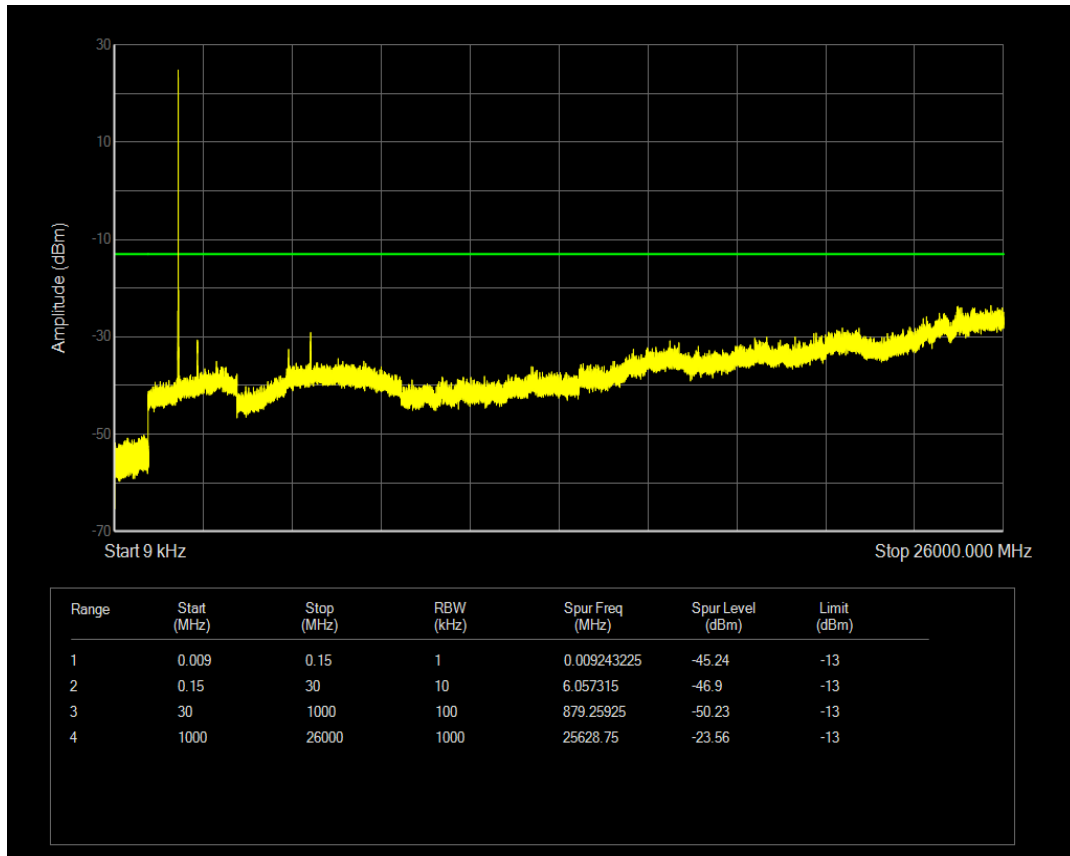
Band2 QPSK BW=1.4MHz Channel=18607 RB Size=6 Position=#0



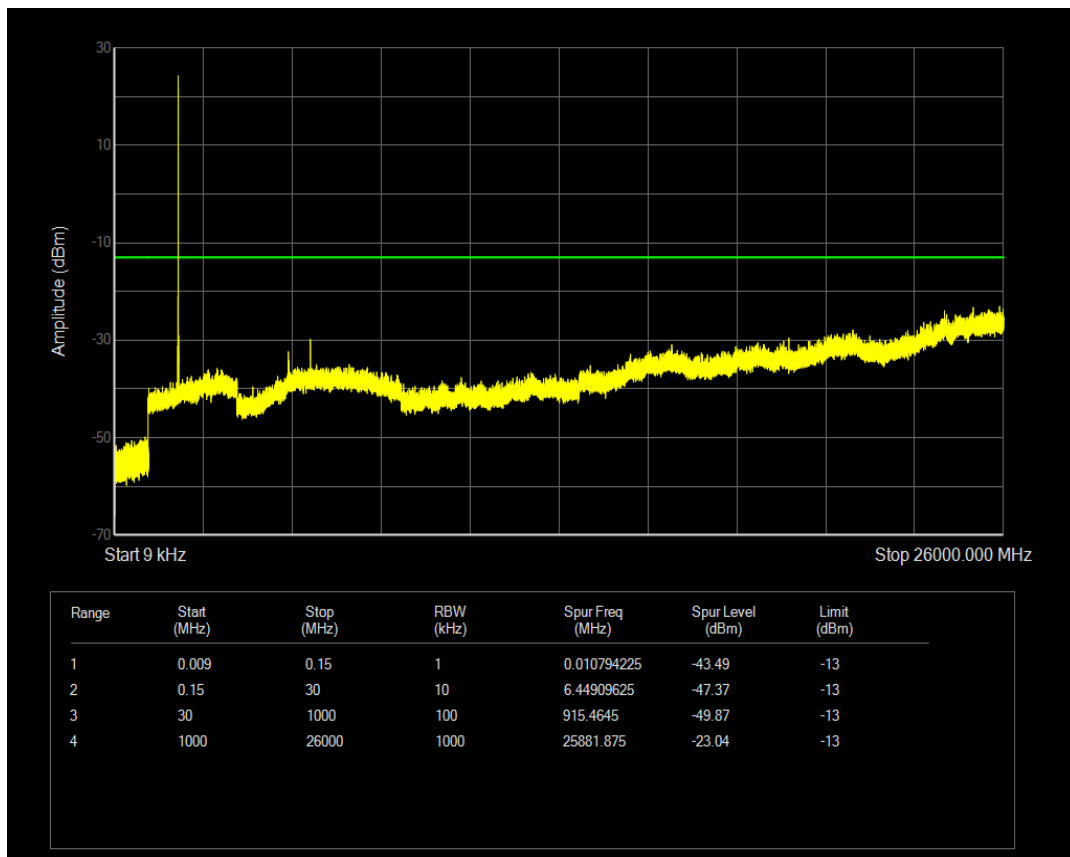
Band2 16QAM BW=1.4MHz Channel=18607 RB Size=6 Position=#0



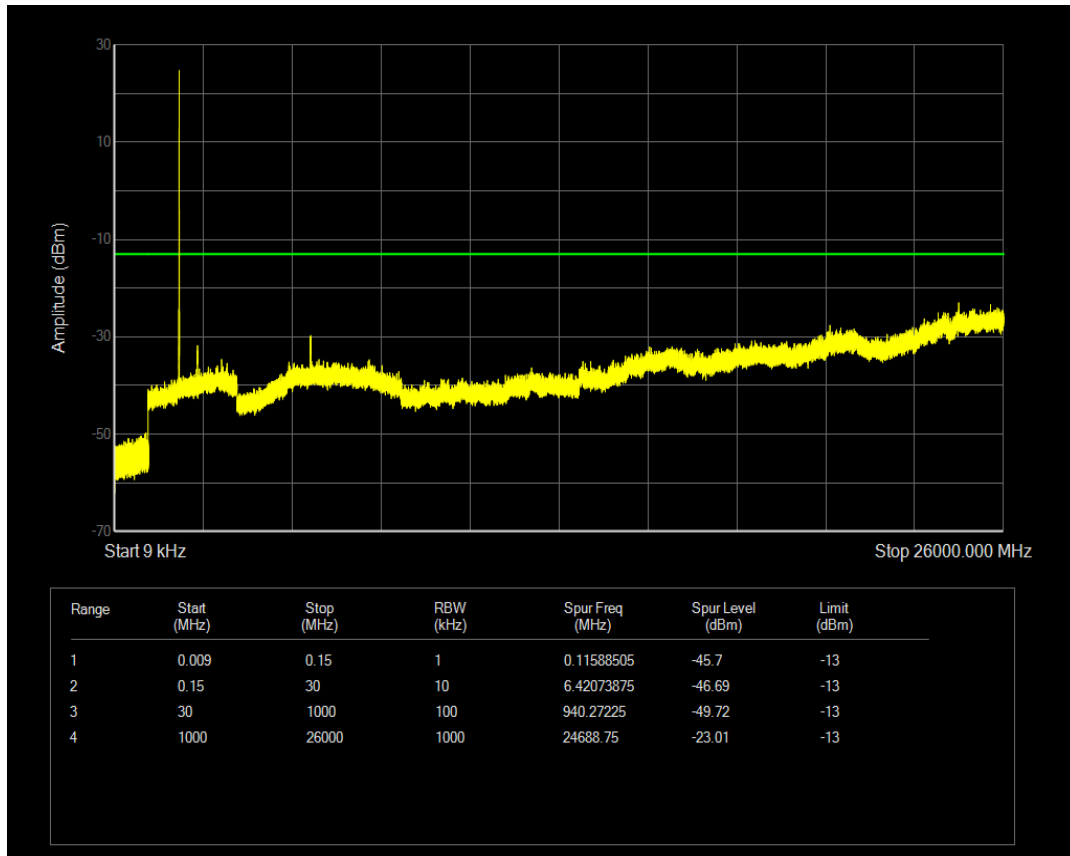
Band2 QPSK BW=1.4MHz Channel=18900 RB Size=6 Position=#0



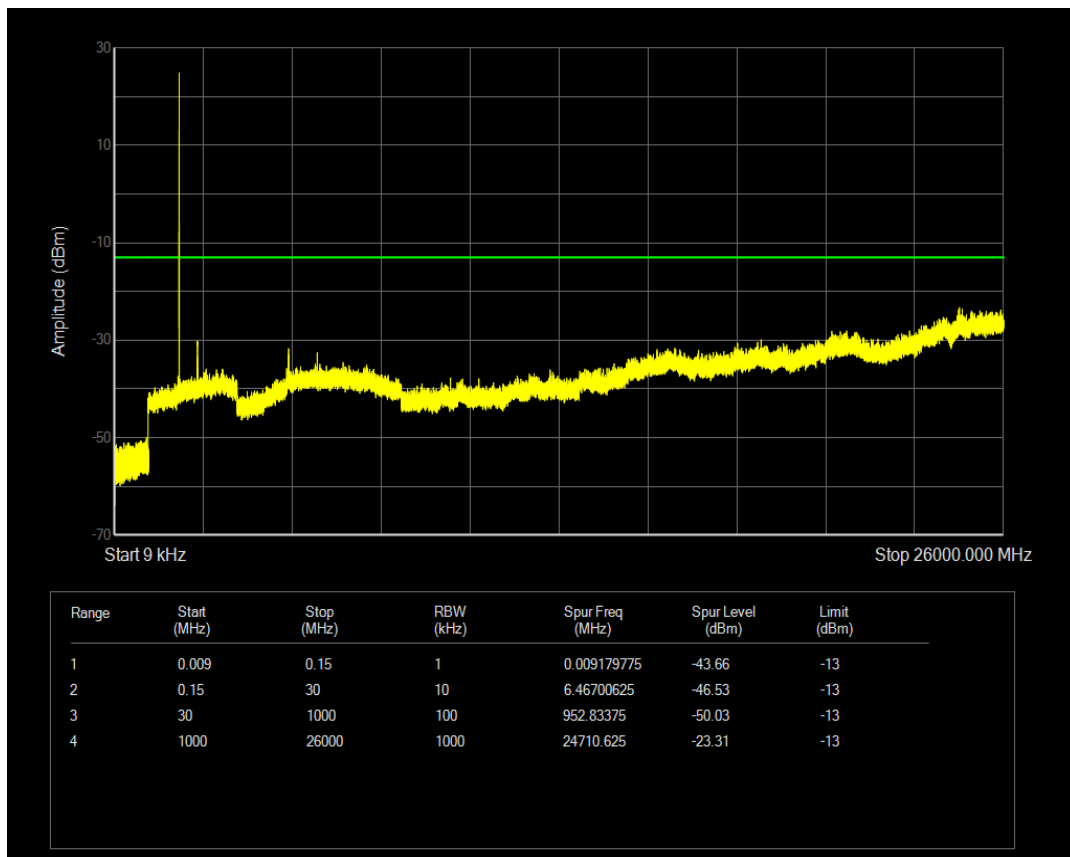
Band2 16QAM BW=1.4MHz Channel=18900 RB Size=6 Position=#0



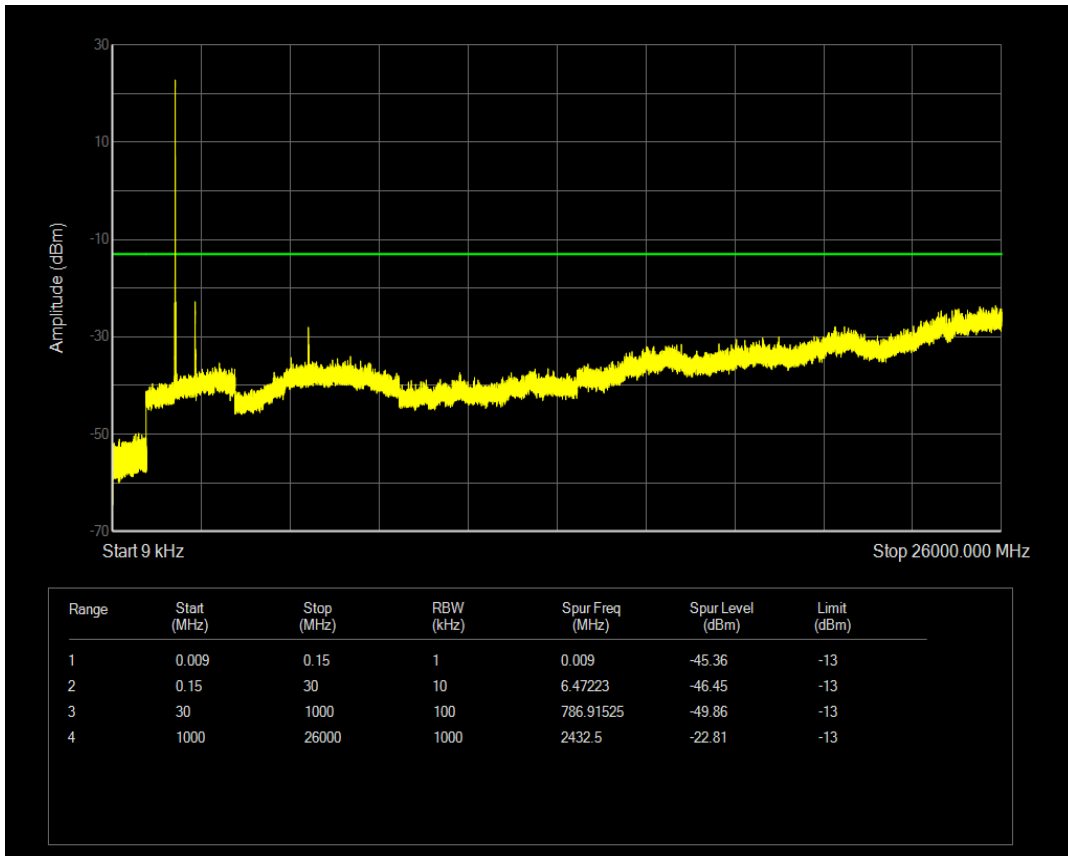
Band2 QPSK BW=1.4MHz Channel=19193 RB Size=6 Position=#0



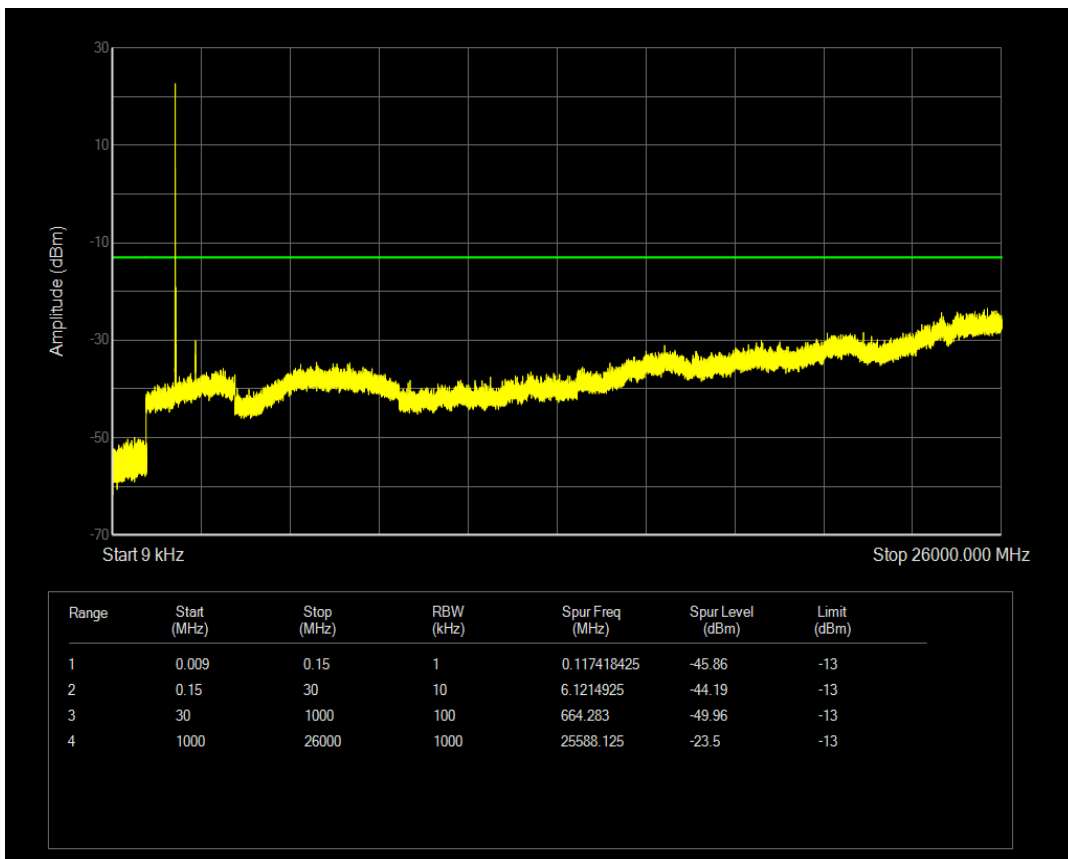
Band2 16QAM BW=1.4MHz Channel=19193 RB Size=6 Position=#0



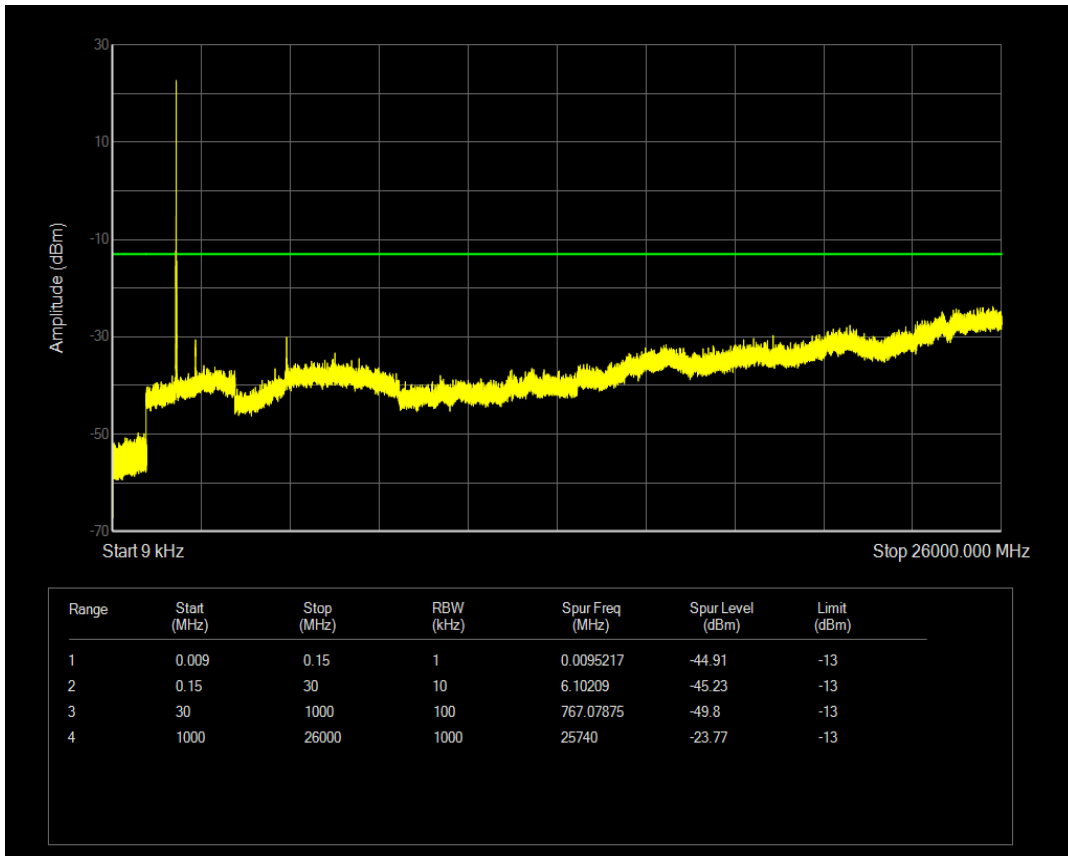
Band2 QPSK BW=3MHz Channel=18615 RB Size=15 Position=#0



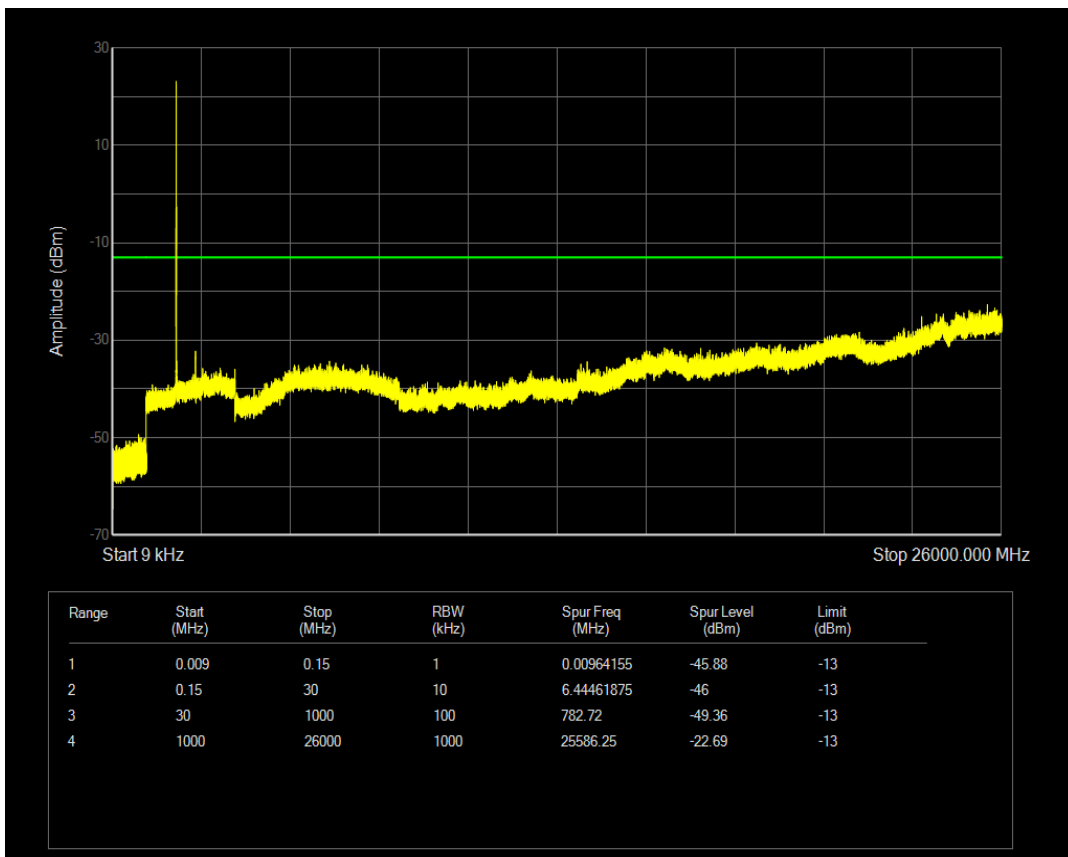
Band2 16QAM BW=3MHz Channel=18615 RB Size=15 Position=#0



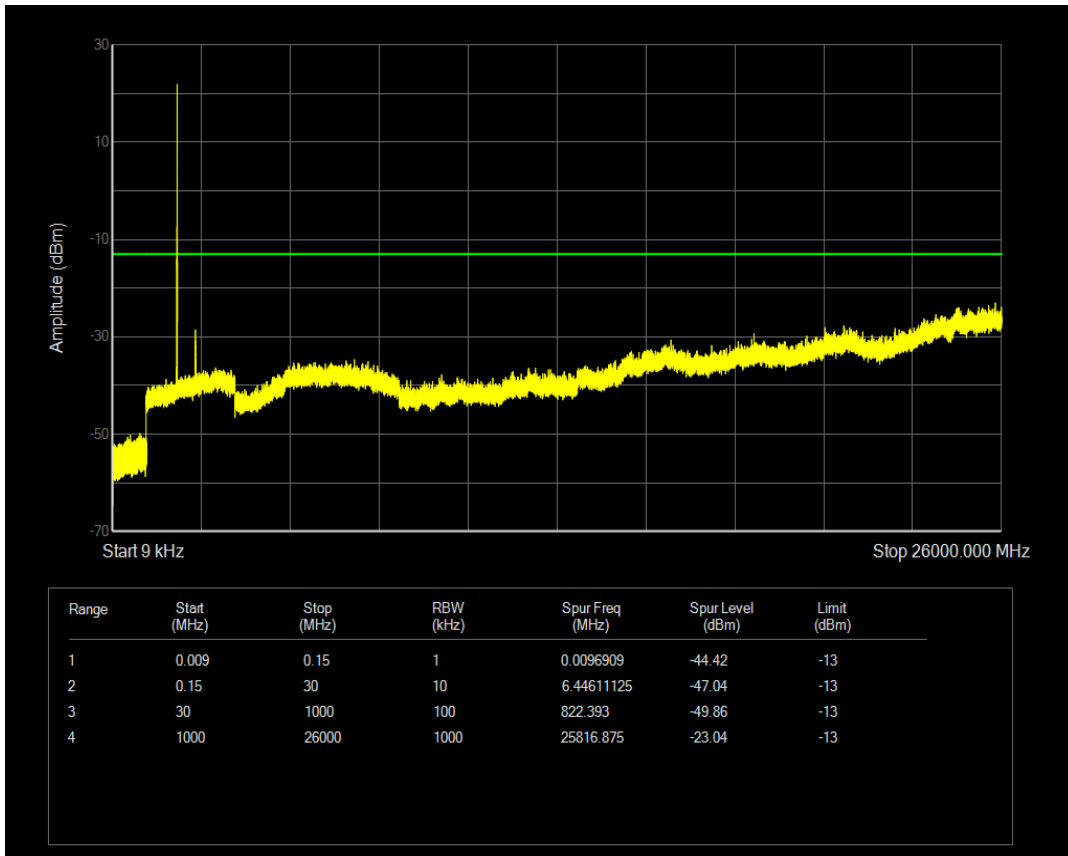
Band2 QPSK BW=3MHz Channel=18900 RB Size=15 Position=#0



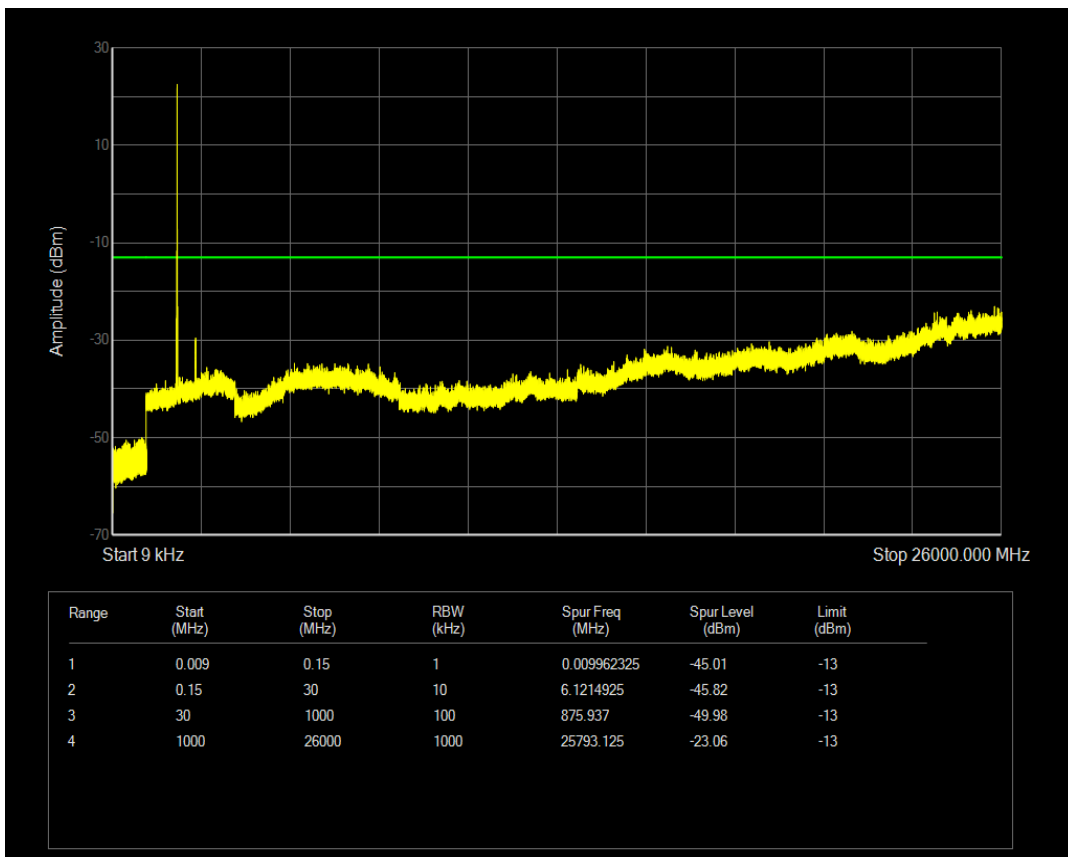
Band2 16QAM BW=3MHz Channel=18900 RB Size=15 Position=#0



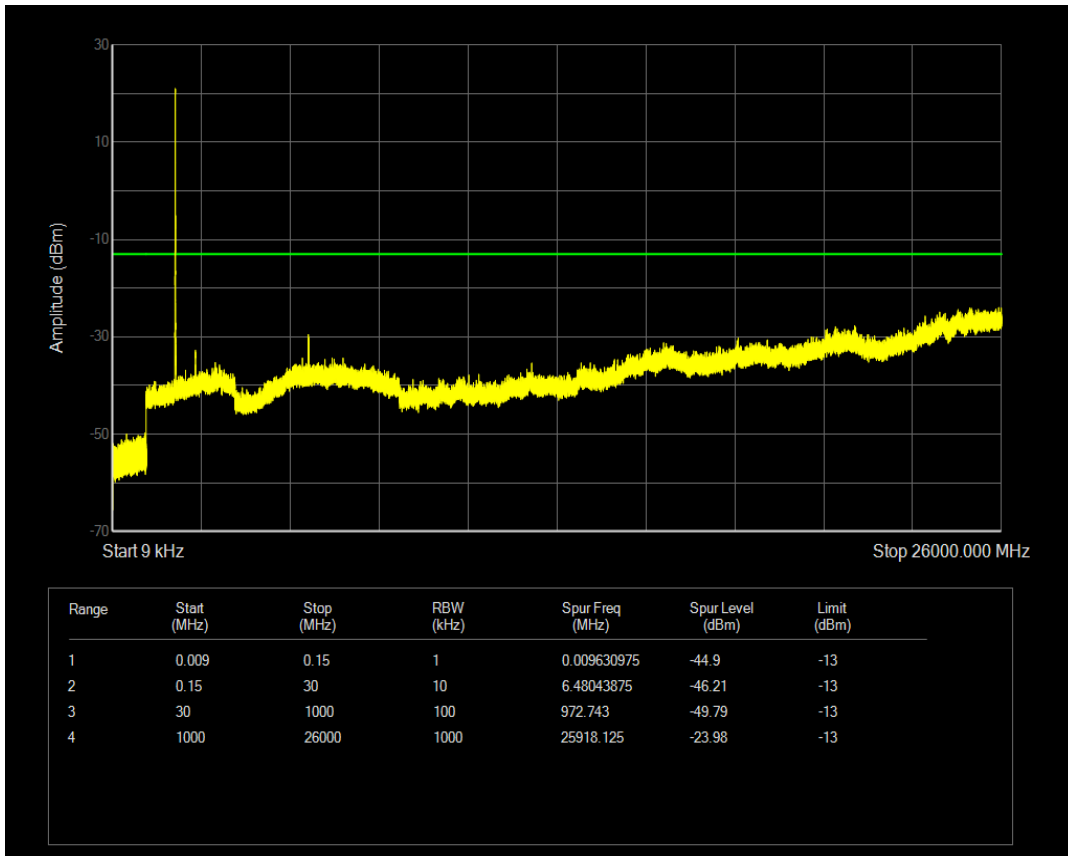
Band2 QPSK BW=3MHz Channel=19185 RB Size=15 Position=#0



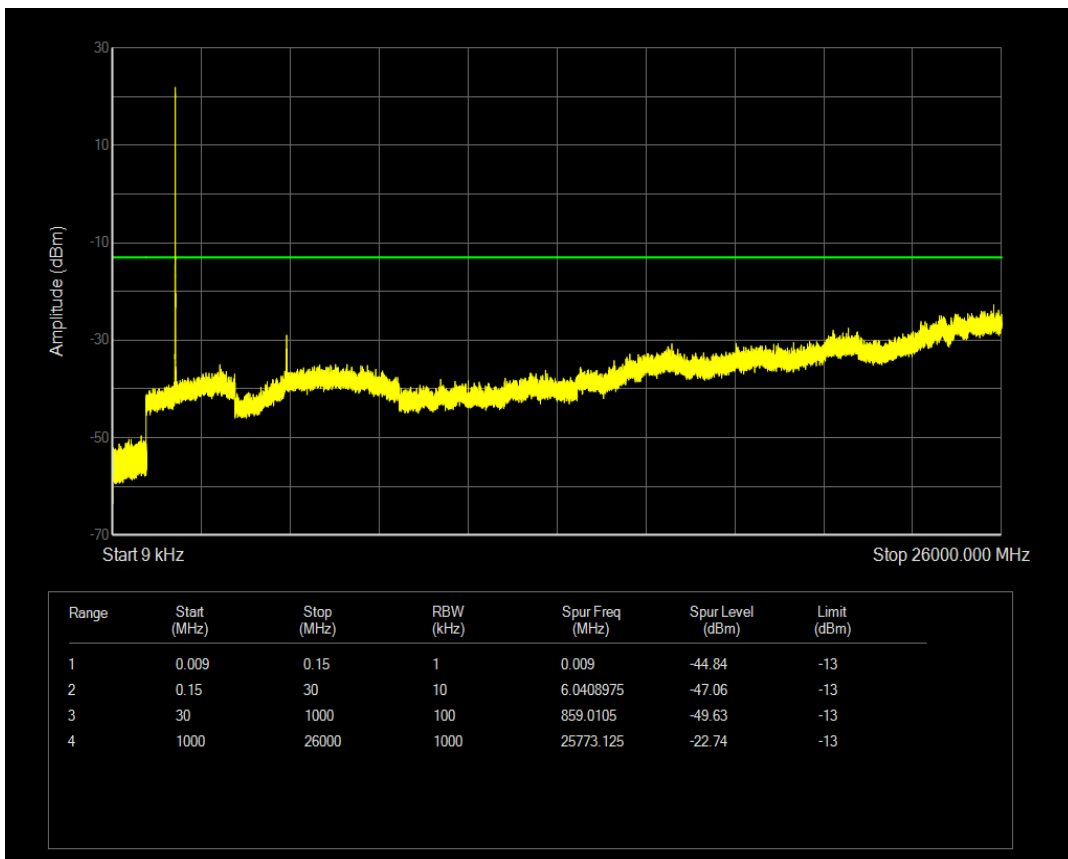
Band2 16QAM BW=3MHz Channel=19185 RB Size=15 Position=#0



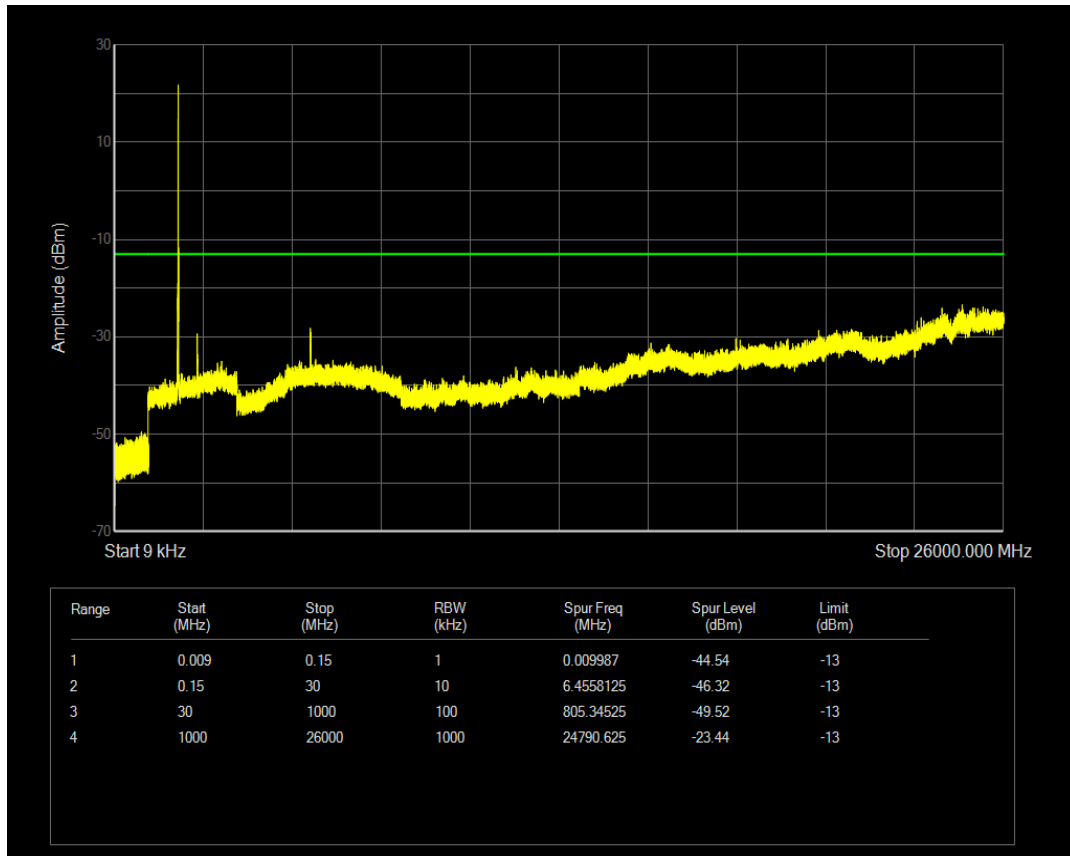
Band2 QPSK BW=5MHz Channel=18625 RB Size=25 Position=#0



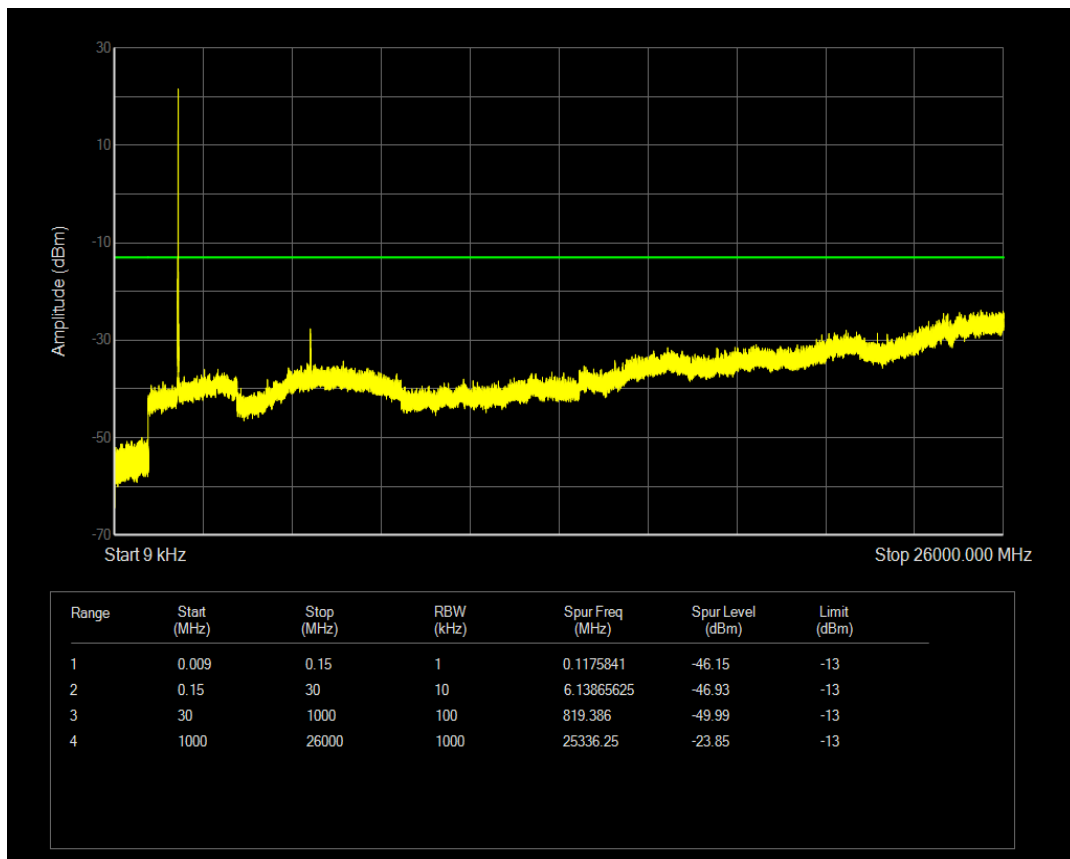
Band2 16QAM BW=5MHz Channel=18625 RB Size=25 Position=#0



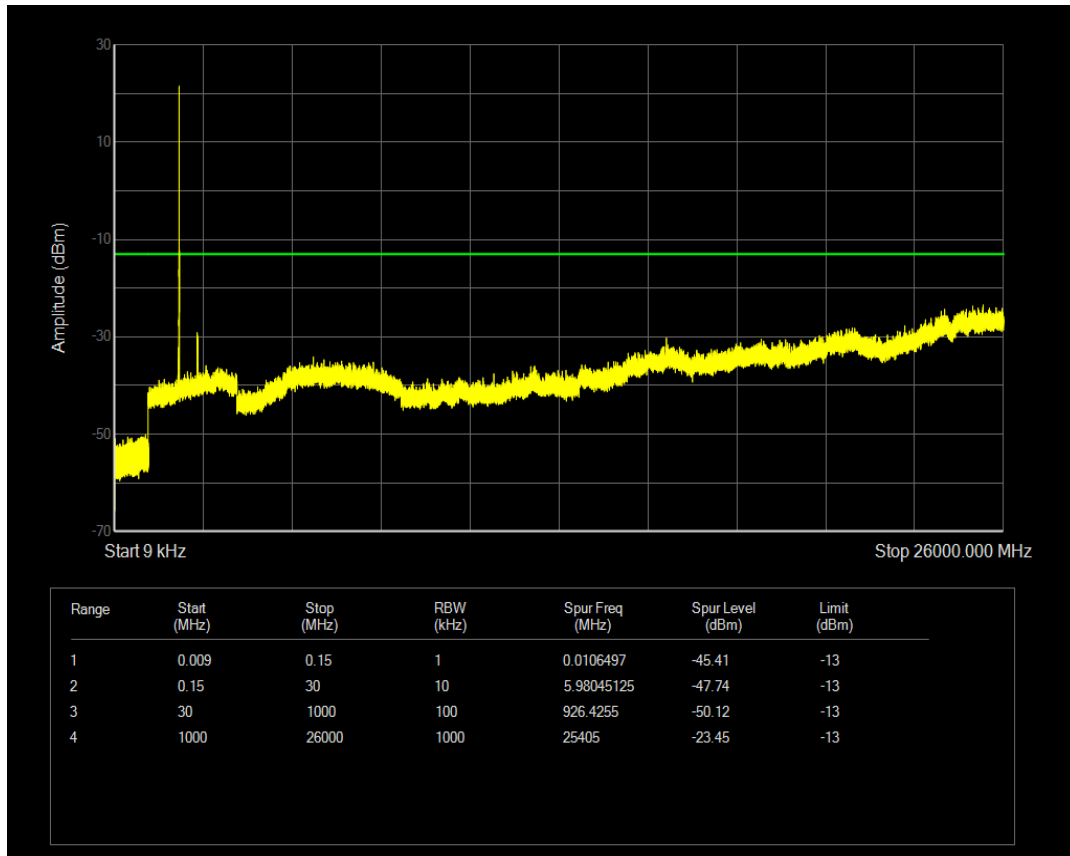
Band2 QPSK BW=5MHz Channel=18900 RB Size=25 Position=#0



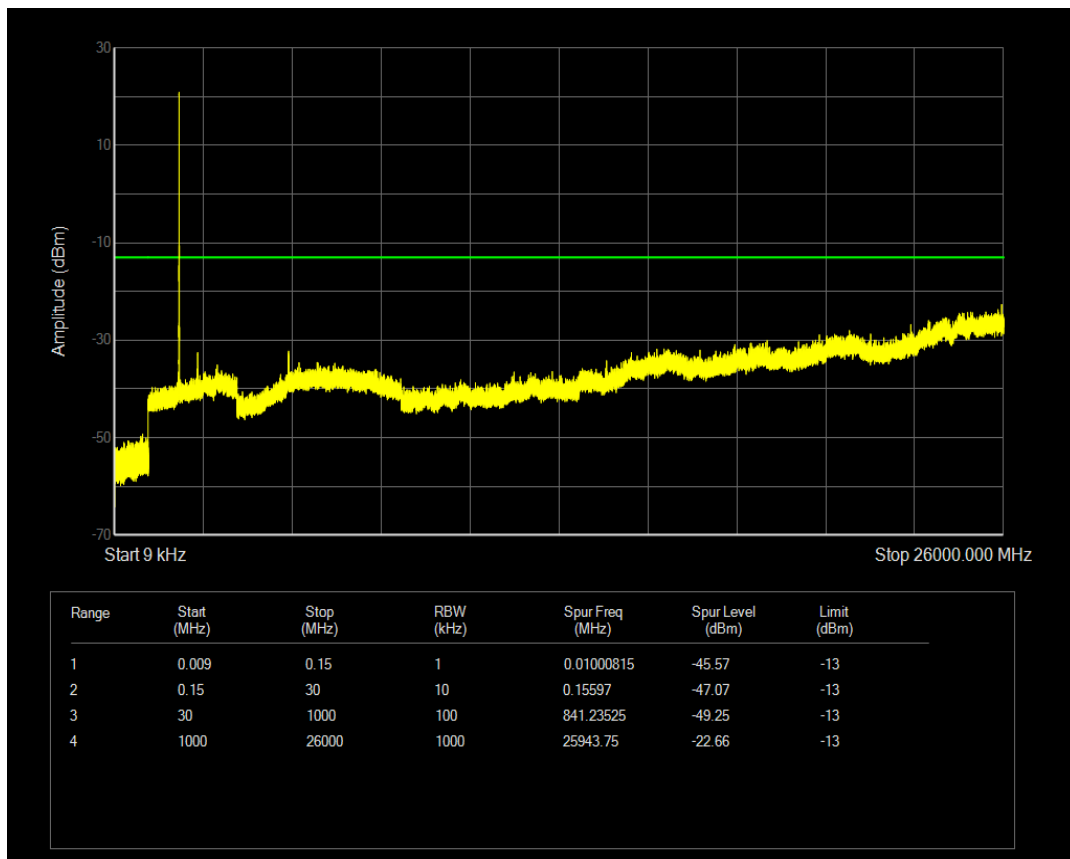
Band2 16QAM BW=5MHz Channel=18900 RB Size=25 Position=#0



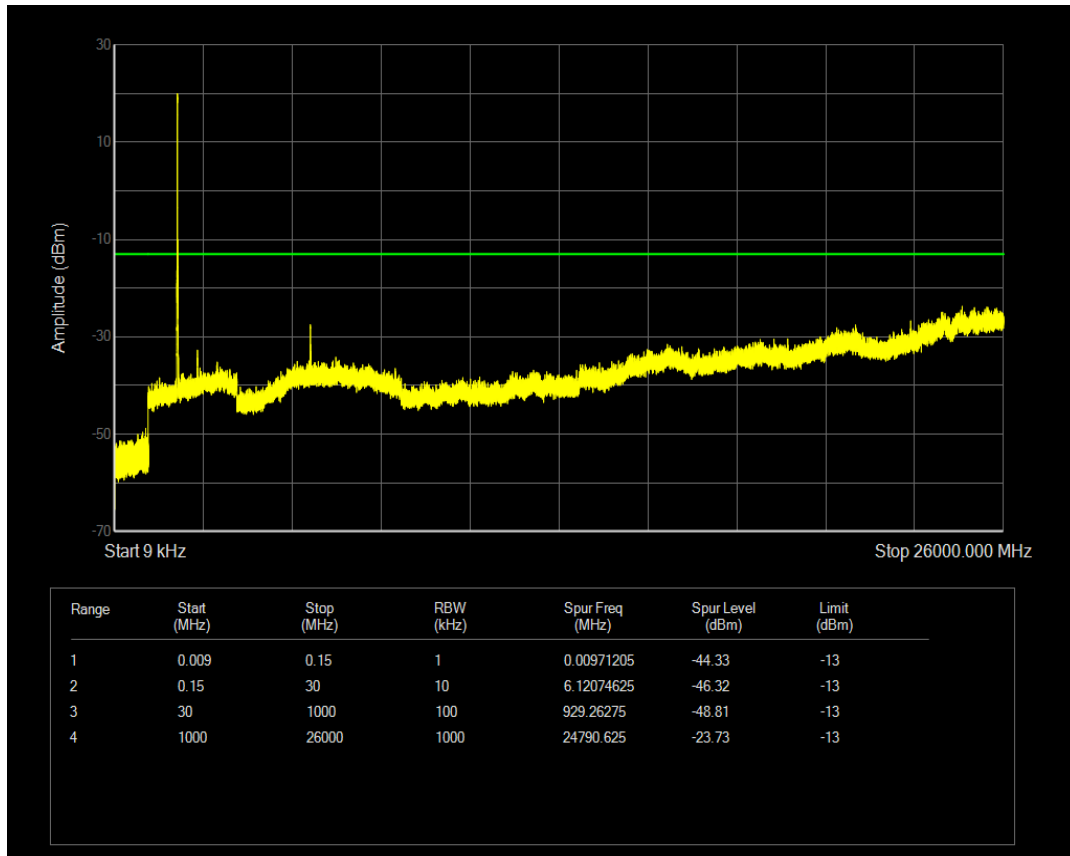
Band2 QPSK BW=5MHz Channel=19175 RB Size=25 Position=#0



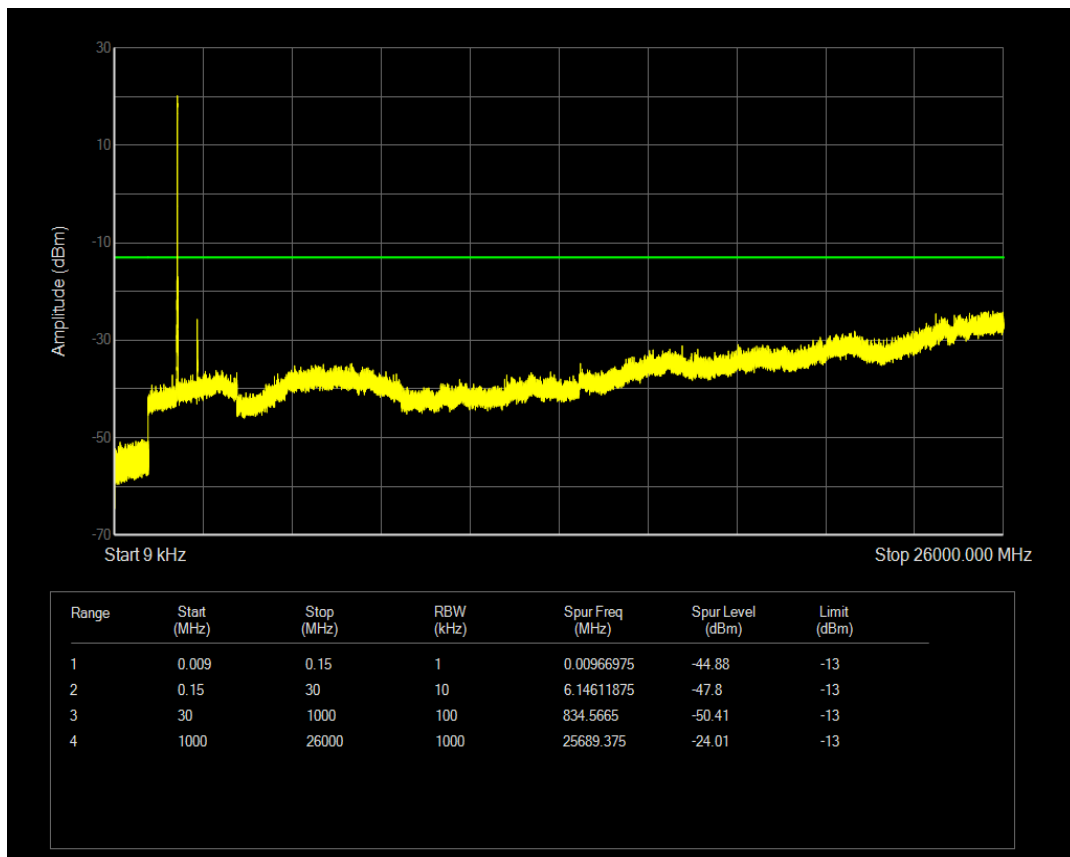
Band2 16QAM BW=5MHz Channel=19175 RB Size=25 Position=#0



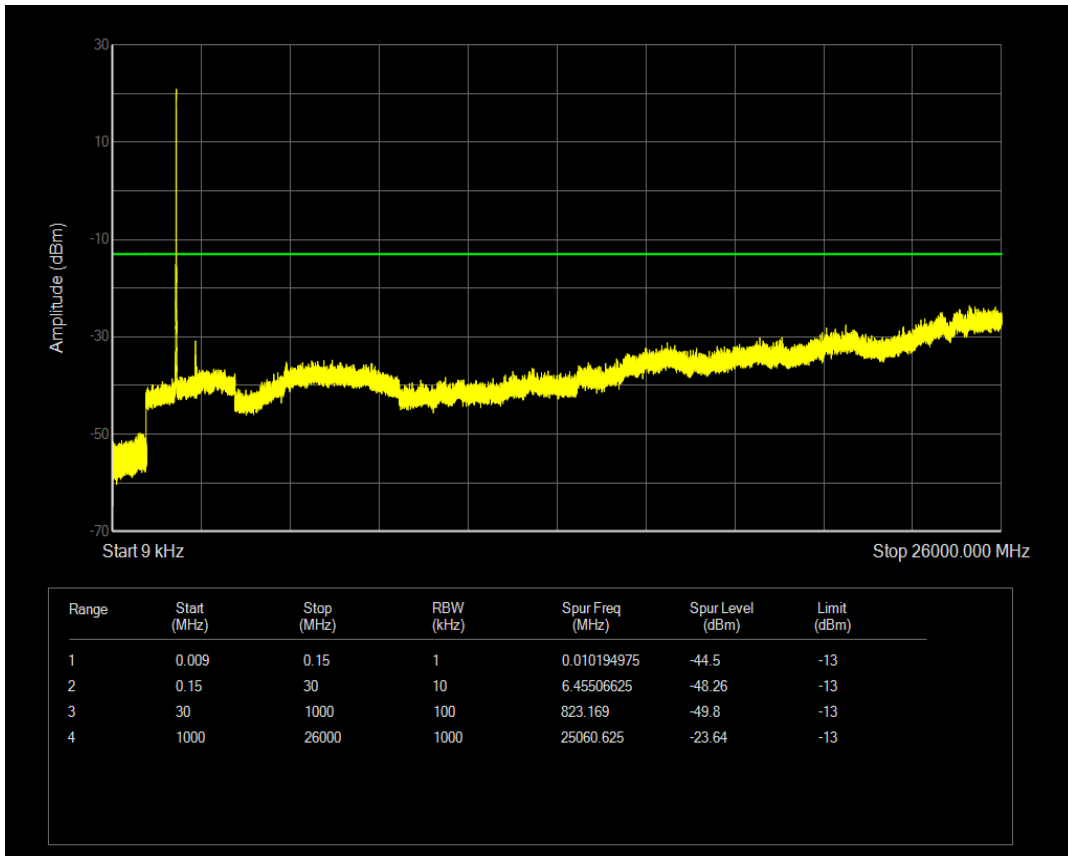
Band2 QPSK BW=10MHz Channel=18650 RB Size=50 Position=#0



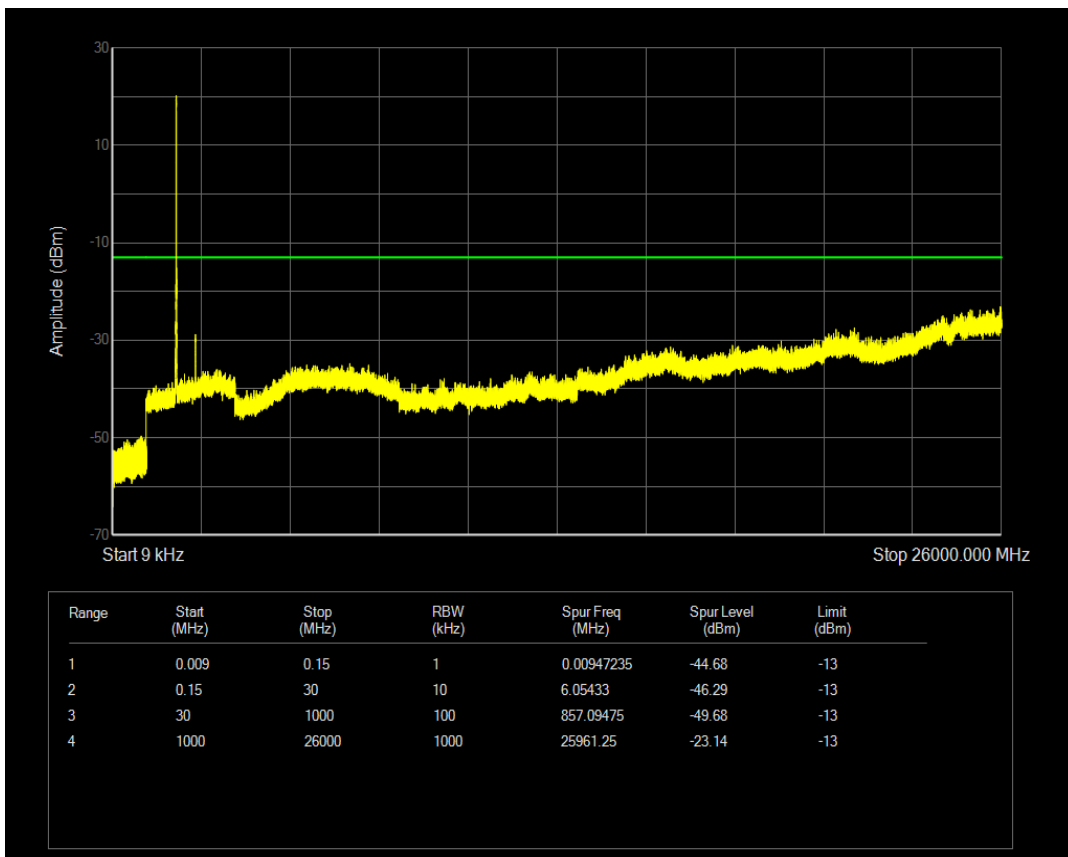
Band2 16QAM BW=10MHz Channel=18650 RB Size=50 Position=#0



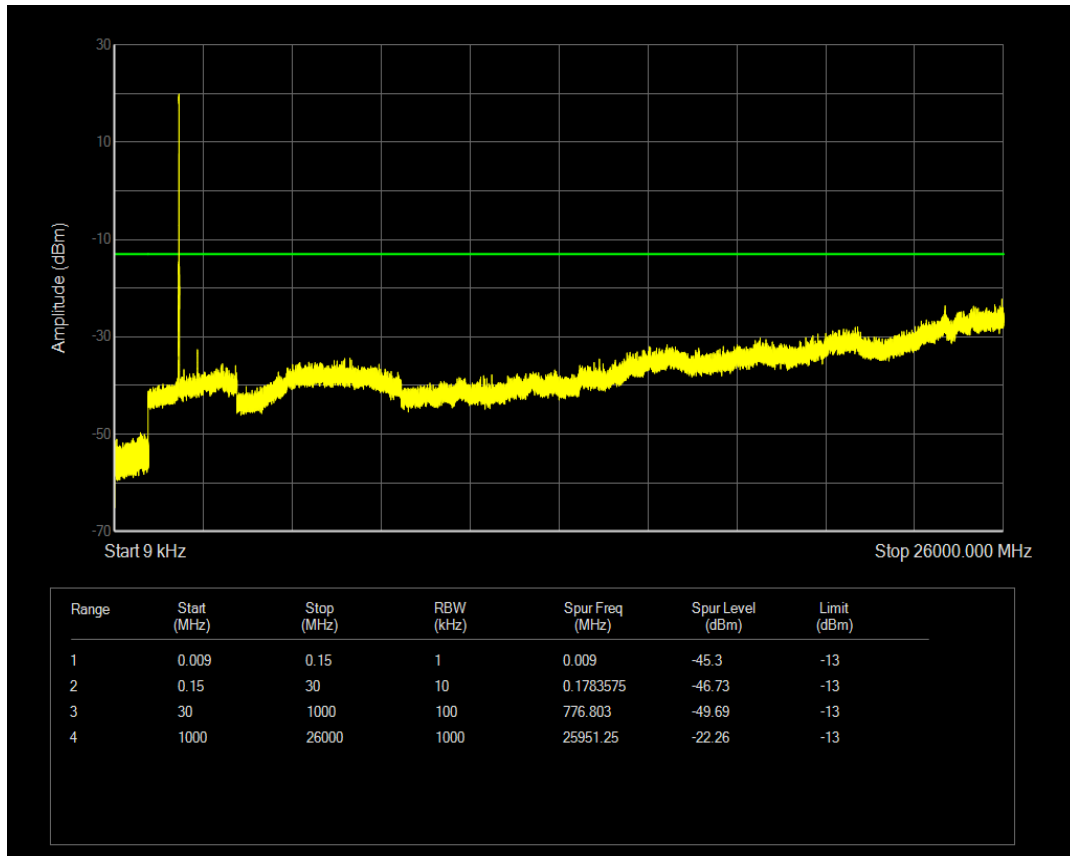
Band2 QPSK BW=10MHz Channel=18900 RB Size=50 Position=#0



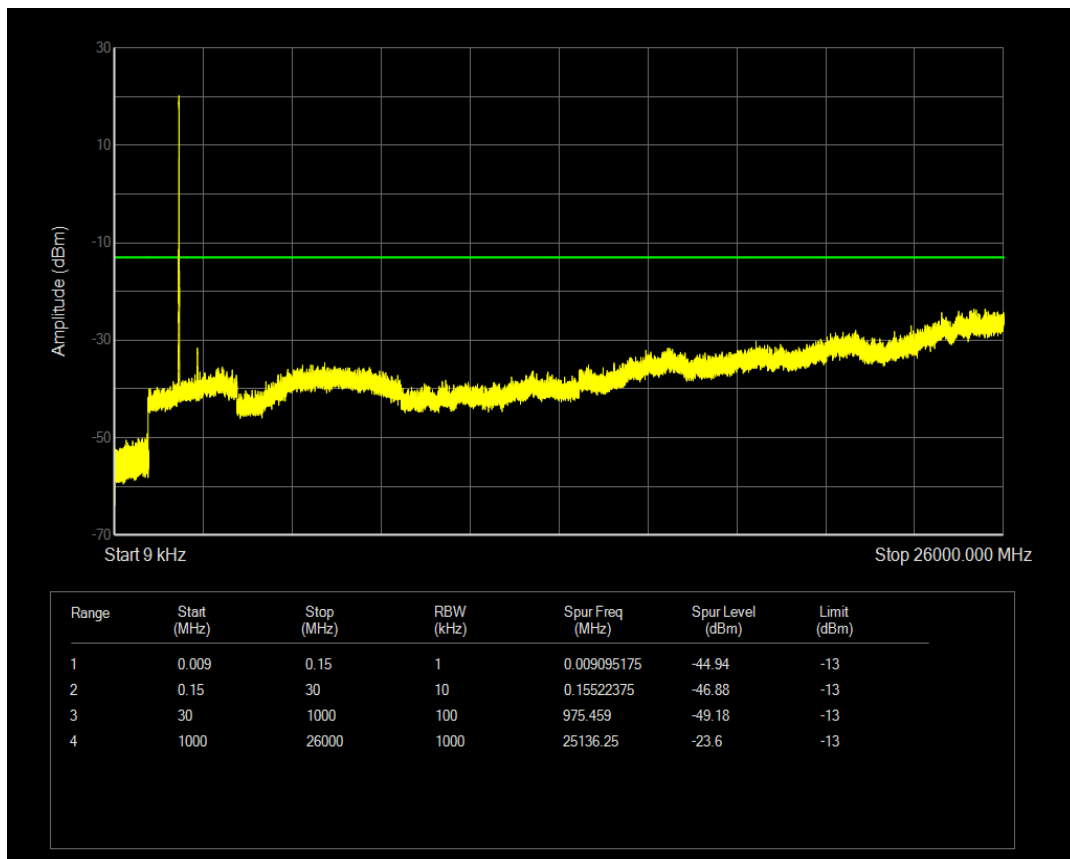
Band2 16QAM BW=10MHz Channel=18900 RB Size=50 Position=#0



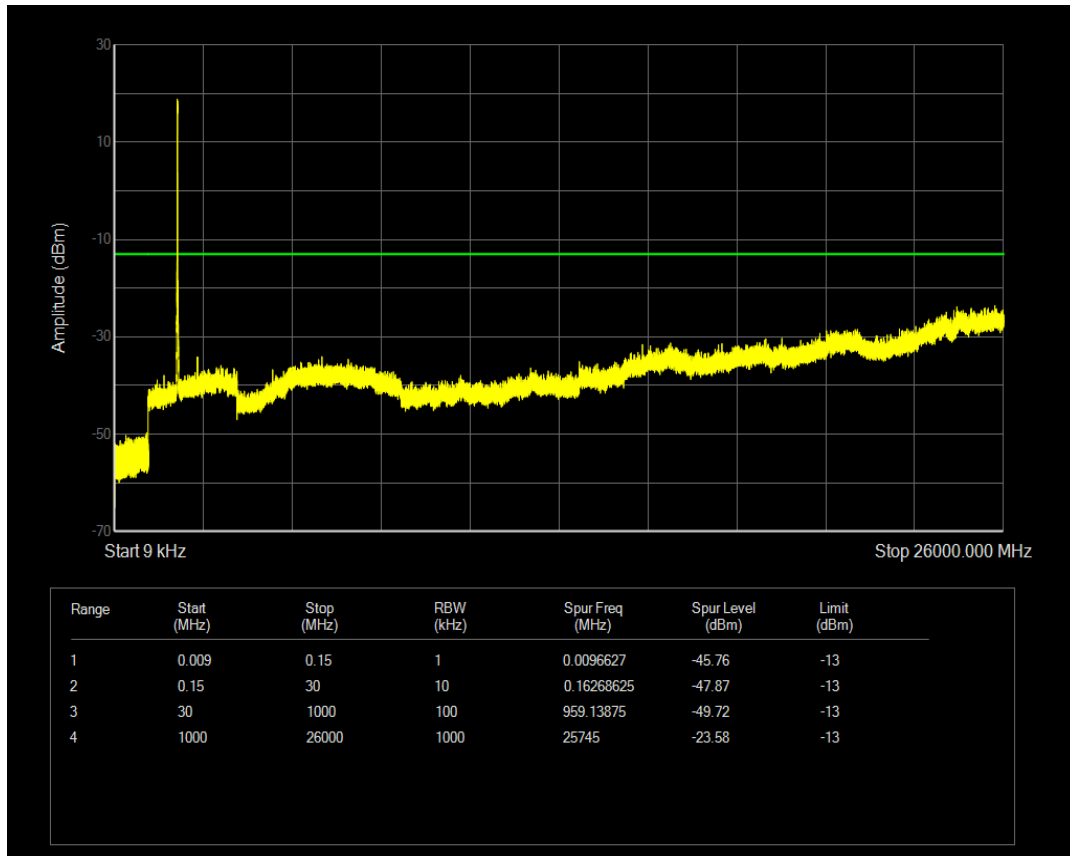
Band2 QPSK BW=10MHz Channel=19150 RB Size=50 Position=#0



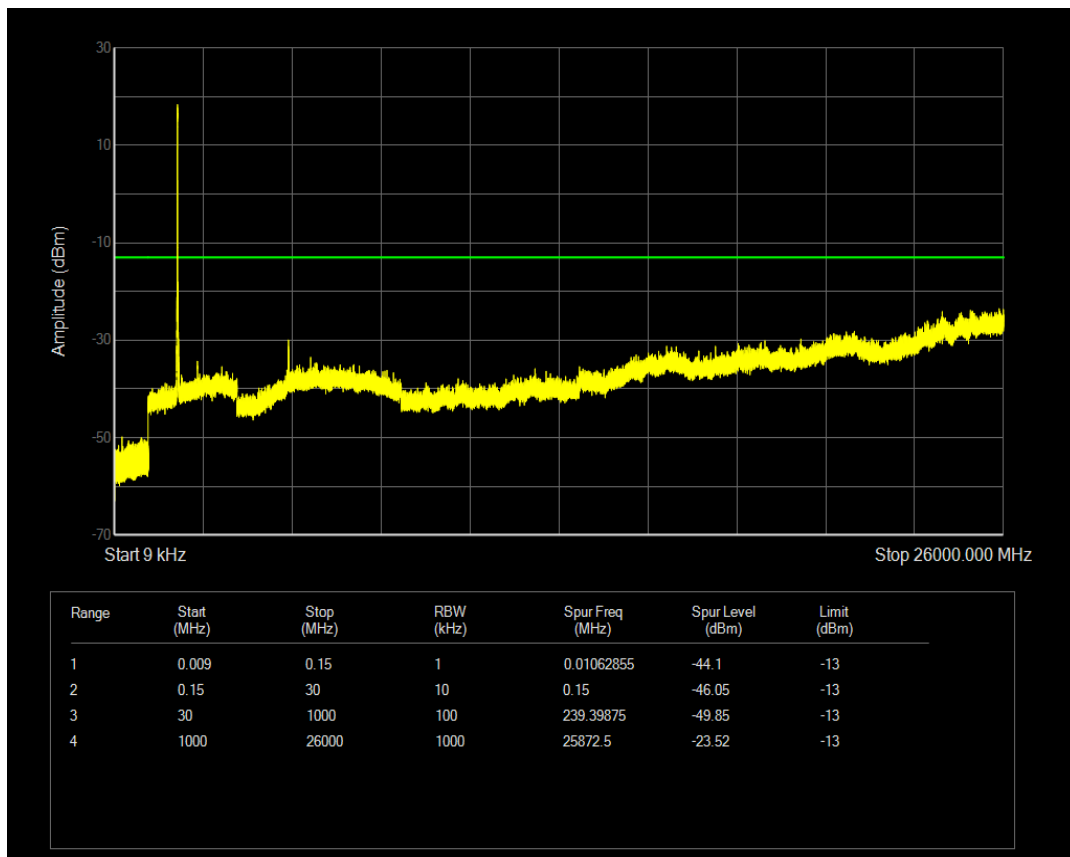
Band2 16QAM BW=10MHz Channel=19150 RB Size=50 Position=#0



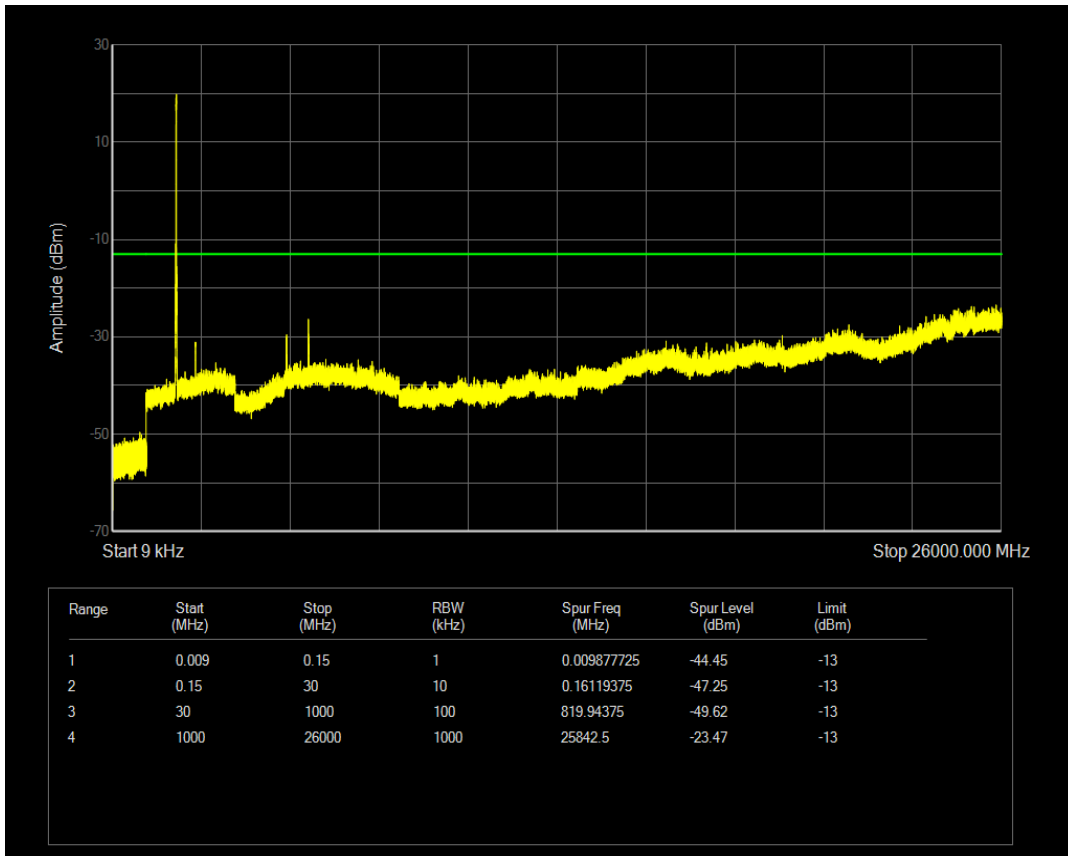
Band2 QPSK BW=15MHz Channel=18675 RB Size=75 Position=#0



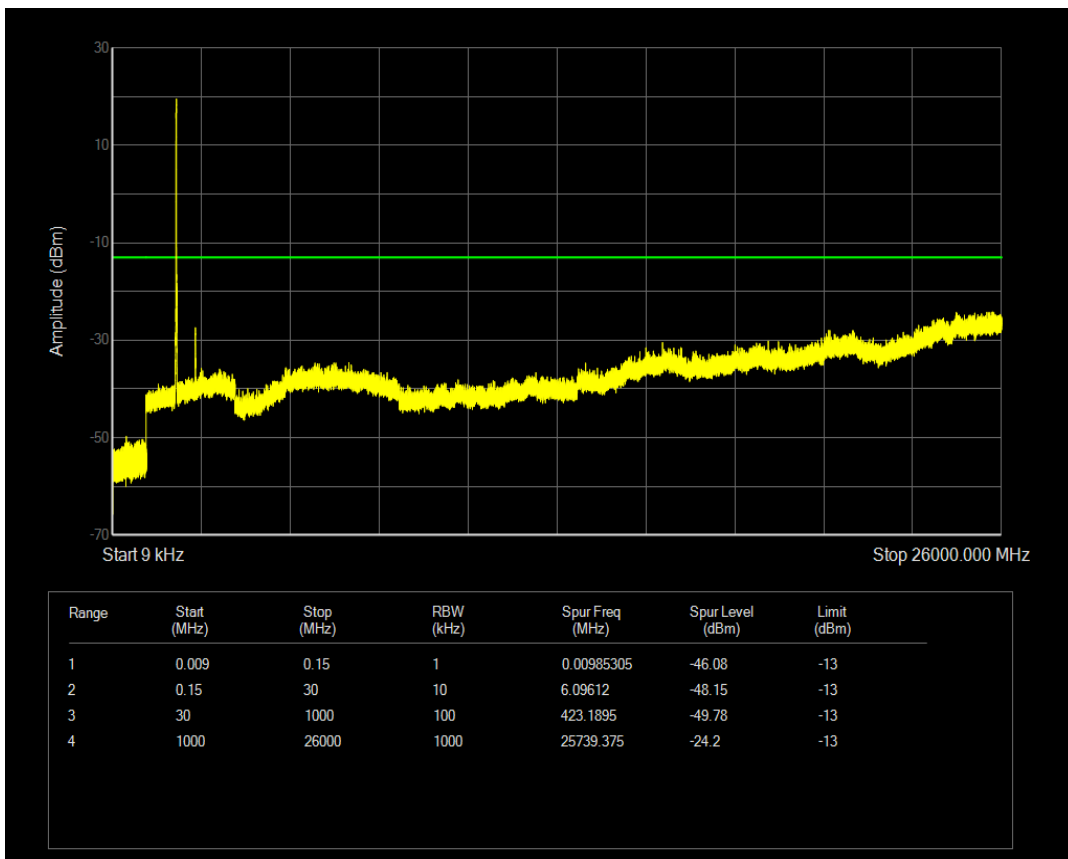
Band2 16QAM BW=15MHz Channel=18675 RB Size=75 Position=#0



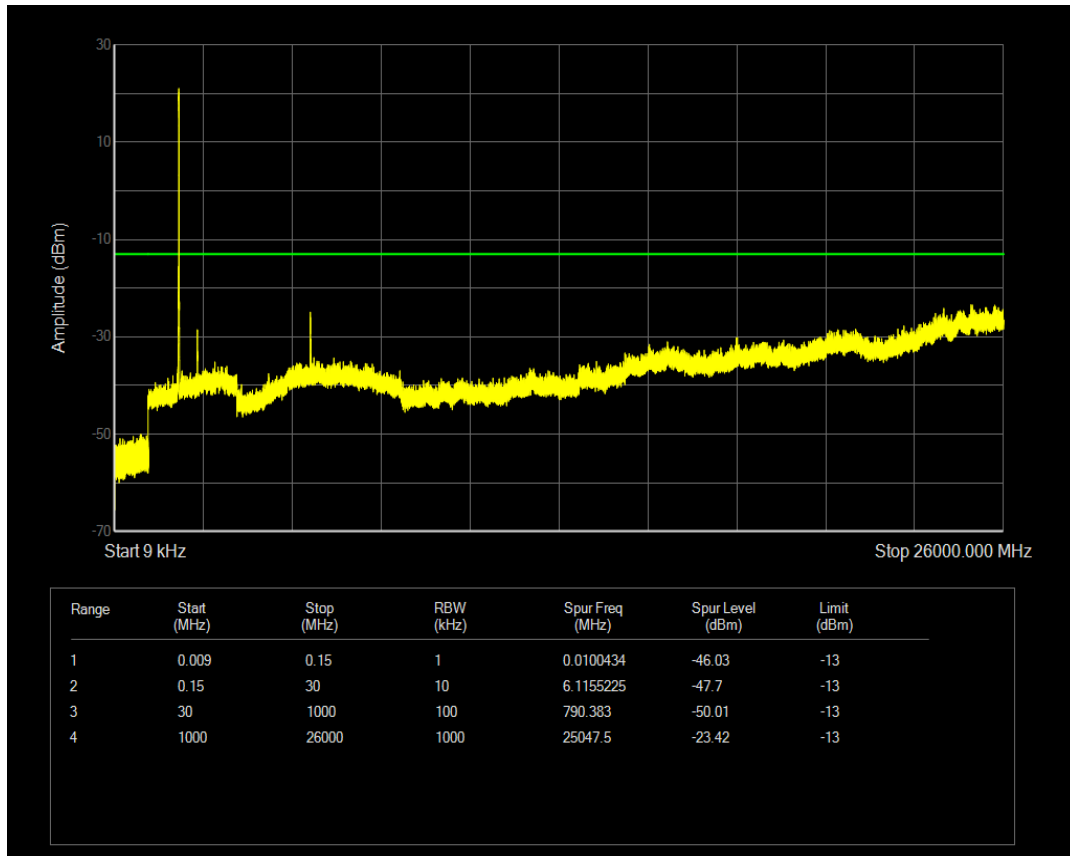
Band2 QPSK BW=15MHz Channel=18900 RB Size=75 Position=#0



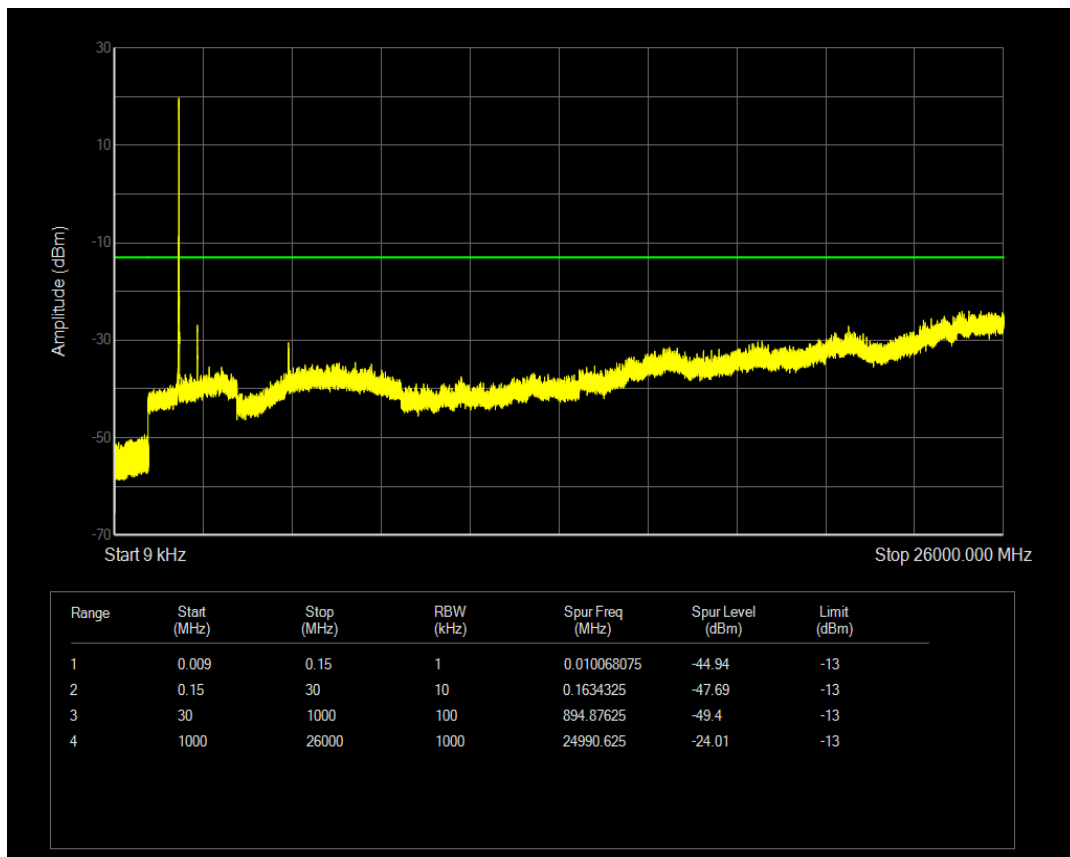
Band2 16QAM BW=15MHz Channel=18900 RB Size=75 Position=#0



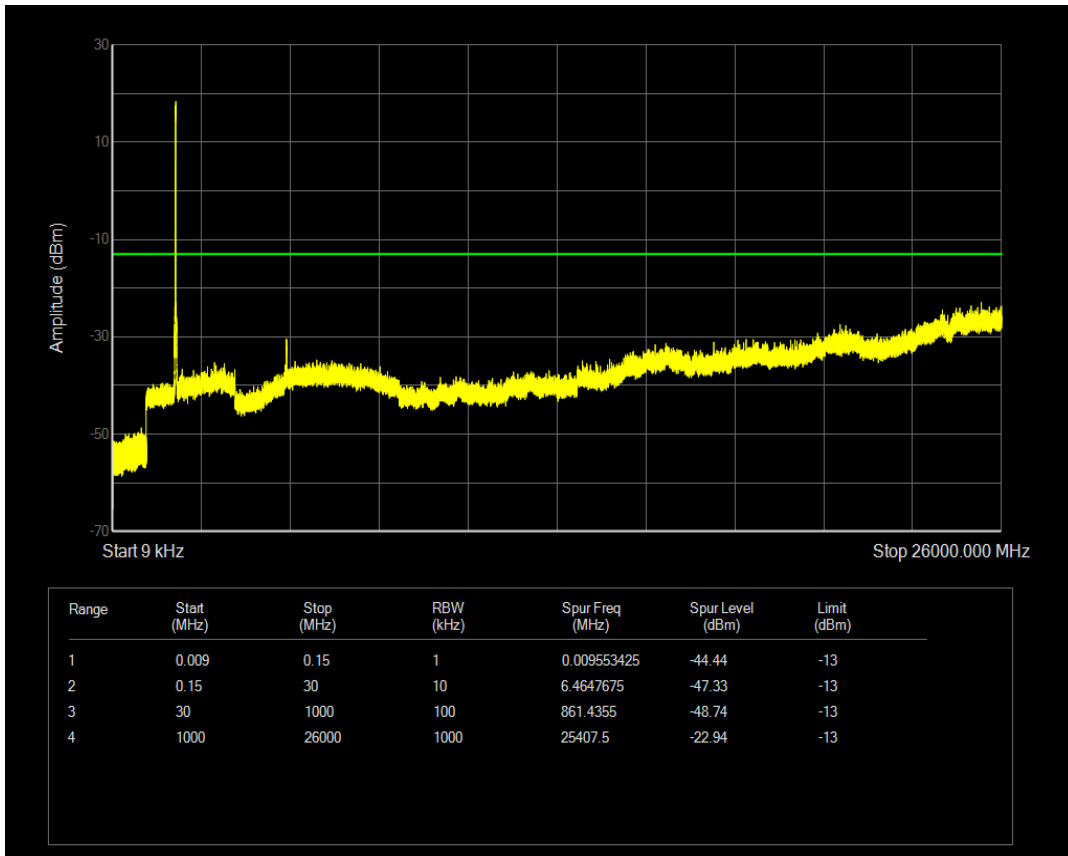
Band2 QPSK BW=15MHz Channel=19125 RB Size=75 Position=#0



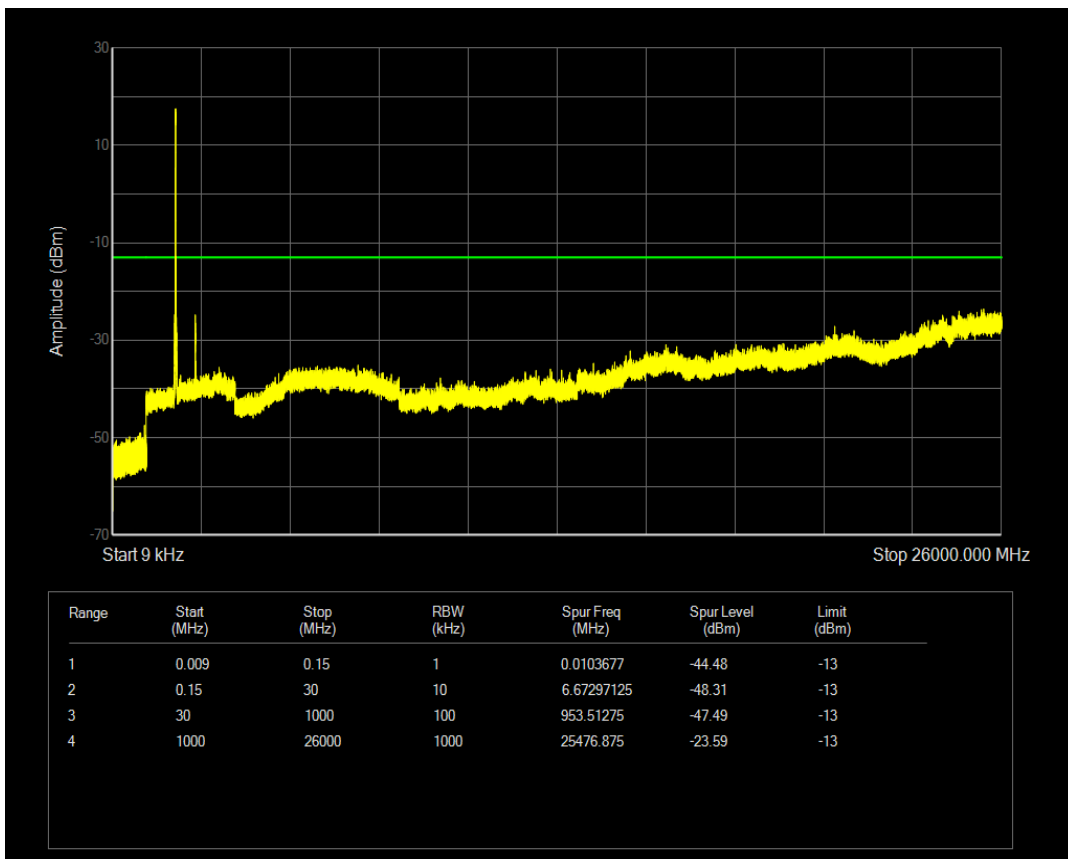
Band2 16QAM BW=15MHz Channel=19125 RB Size=75 Position=#0



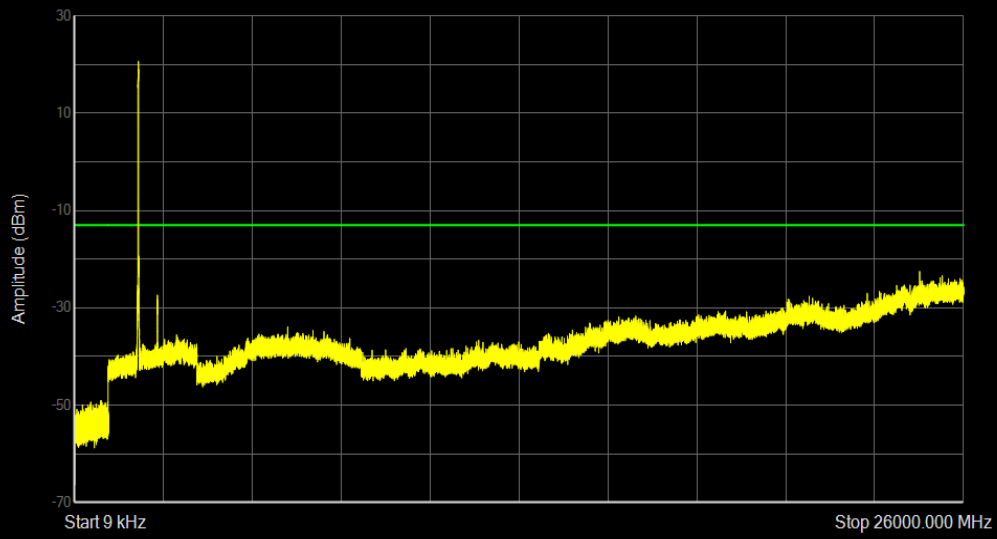
Band2 QPSK BW=20MHz Channel=18700 RB Size=100 Position=#0



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

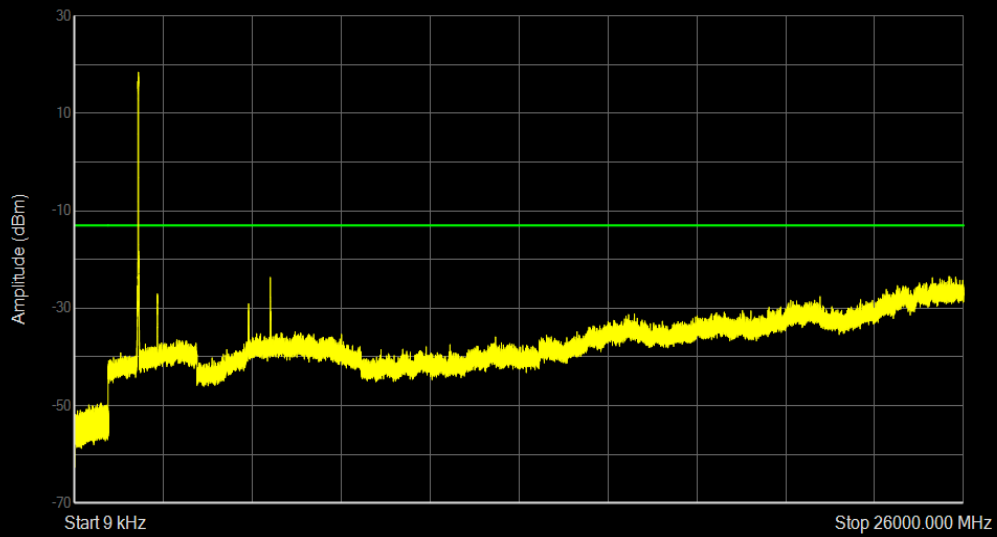


Band2 QPSK BW=20MHz Channel=18900 RB Size=100 Position=#0



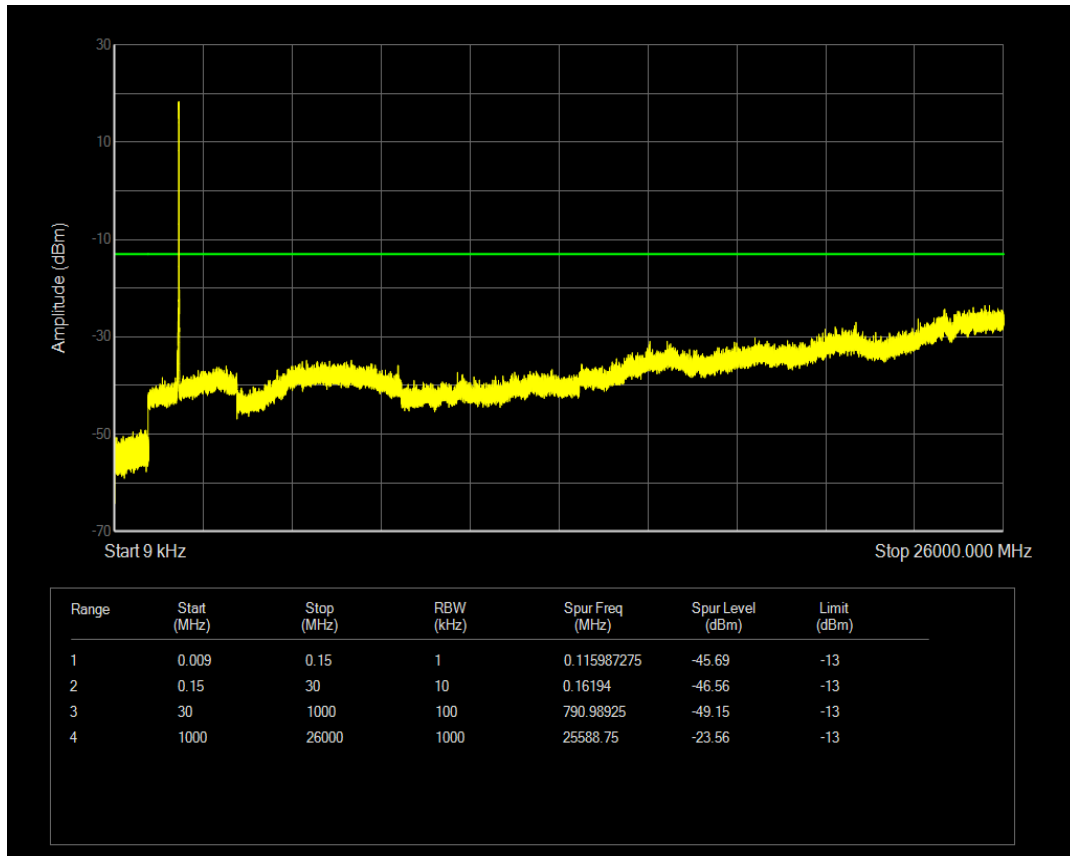
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-44.04	-13
2	0.15	30	10	0.1544775	-45.94	-13
3	30	1000	100	793.60825	-49.05	-13
4	1000	26000	1000	24716.875	-22.52	-13

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



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.1154409	-45.94	-13
2	0.15	30	10	0.15373125	-46.67	-13
3	30	1000	100	792.42	-49.44	-13
4	1000	26000	1000	25573.125	-23.5	-13

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



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

