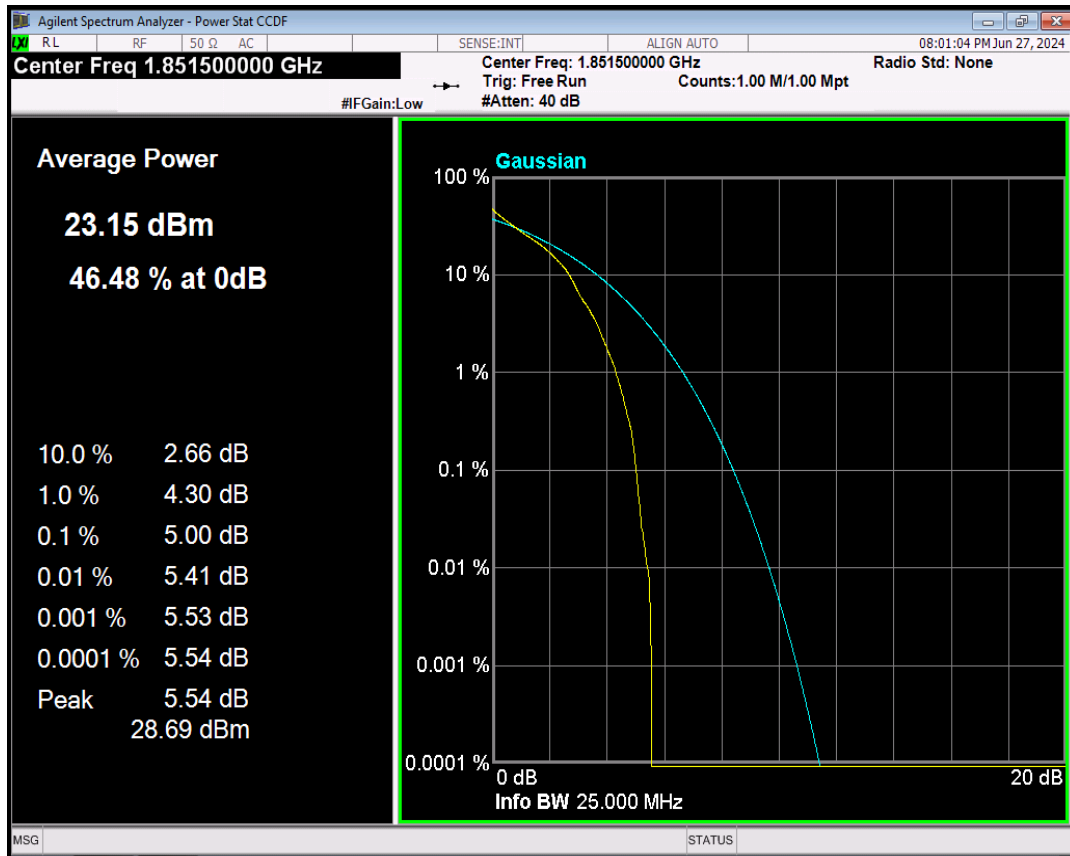
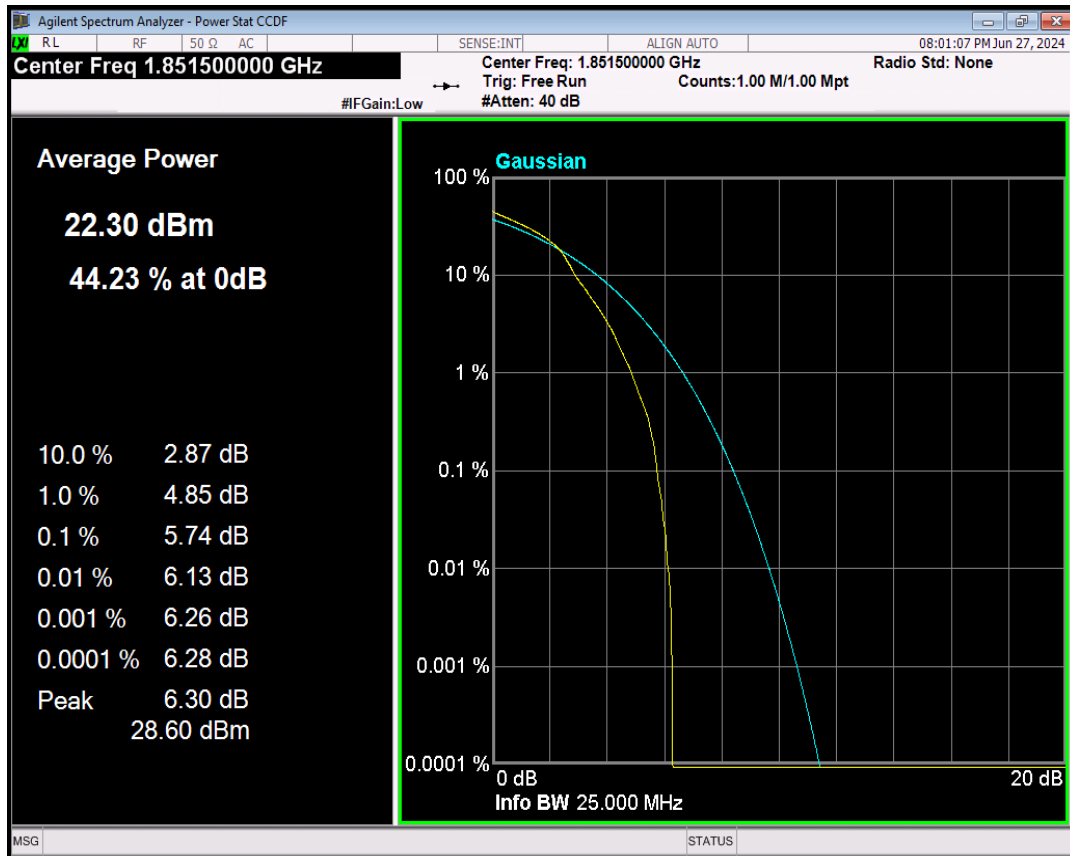




Band2 QPSK BW=3MHz Channel=18615 RB Size=1 Position=#0

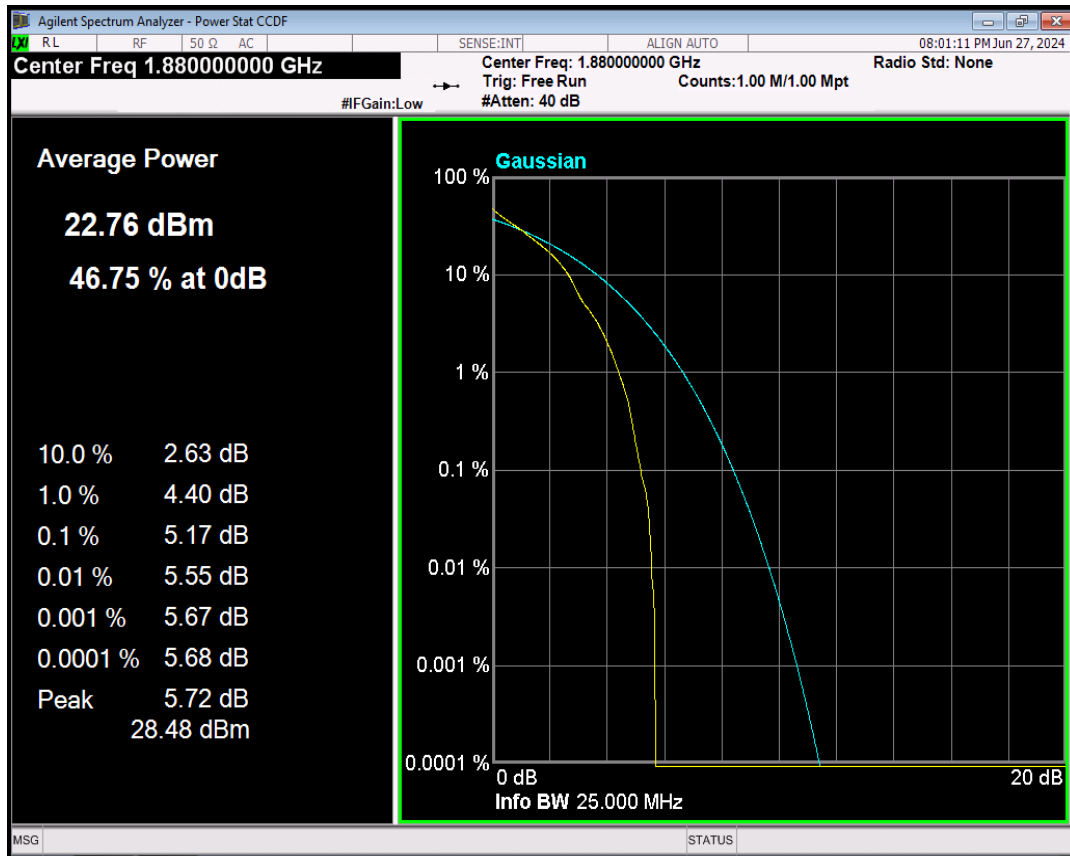


Band2 16QAM BW=3MHz Channel=18615 RB Size=1 Position=#0

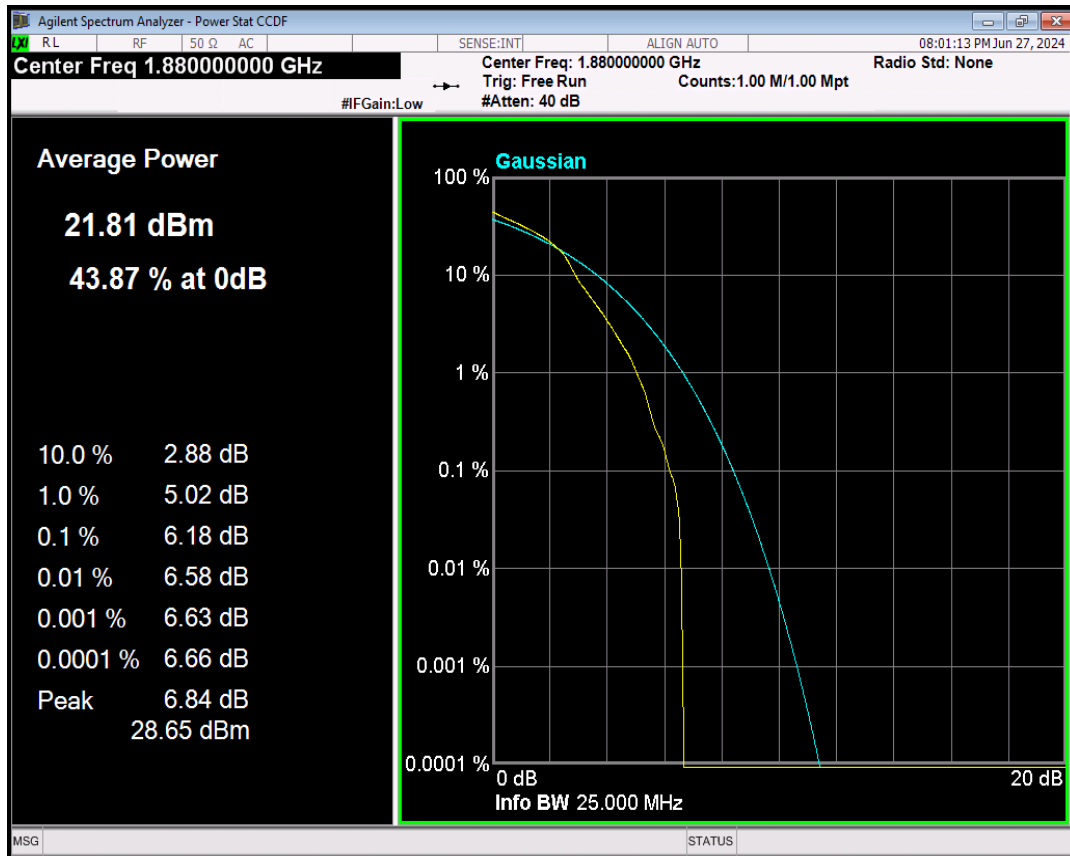




Band2 QPSK BW=3MHz Channel=18900 RB Size=1 Position=#0

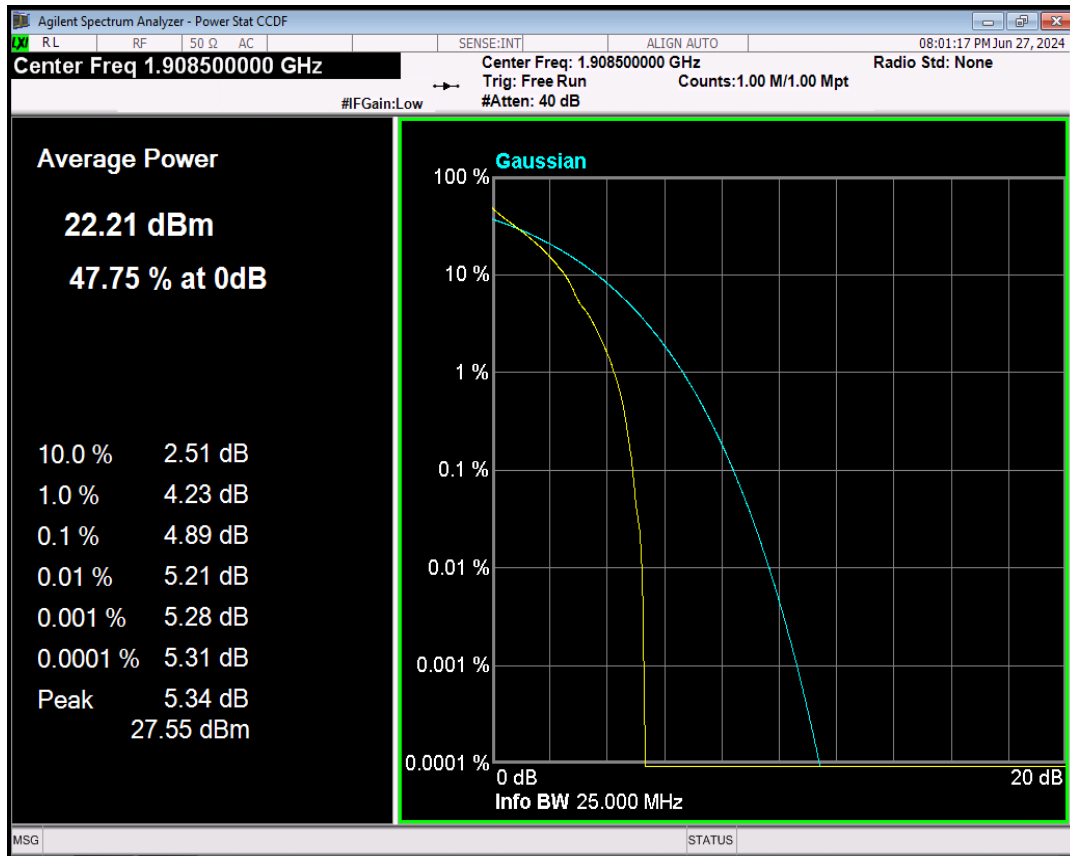


Band2 16QAM BW=3MHz Channel=18900 RB Size=1 Position=#0

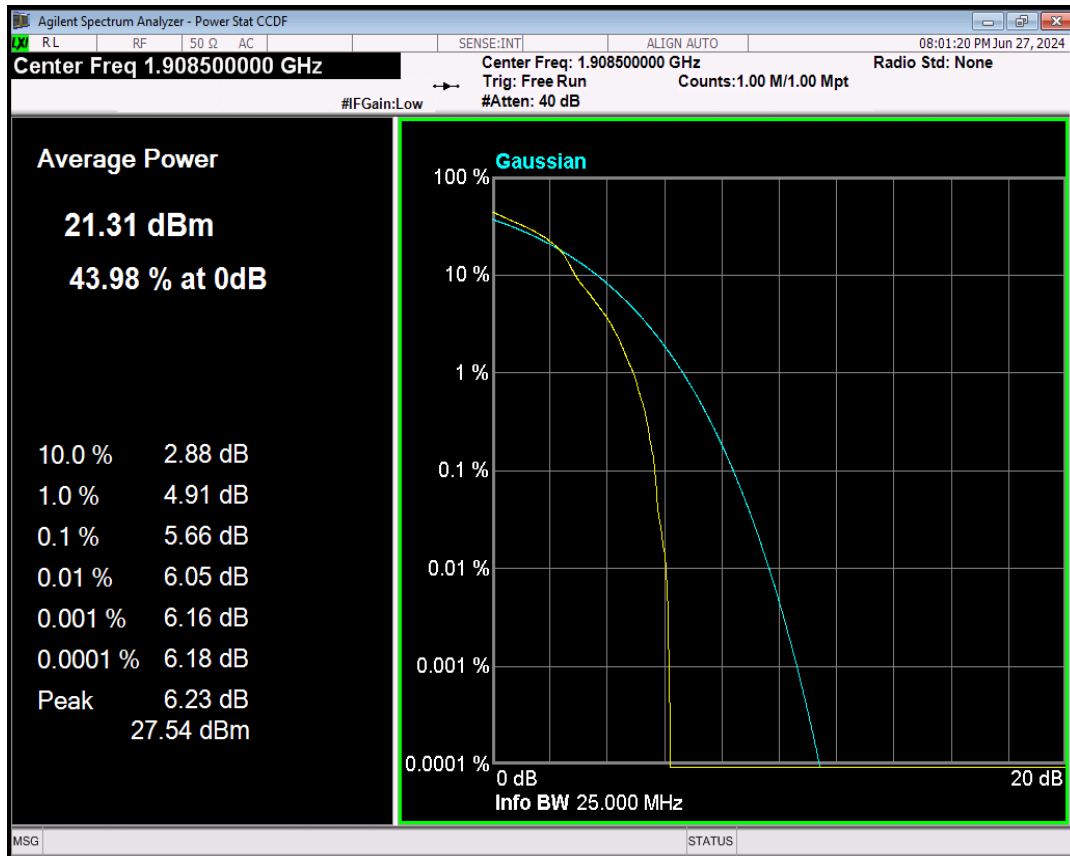




Band2 QPSK BW=3MHz Channel=19185 RB Size=1 Position=#0

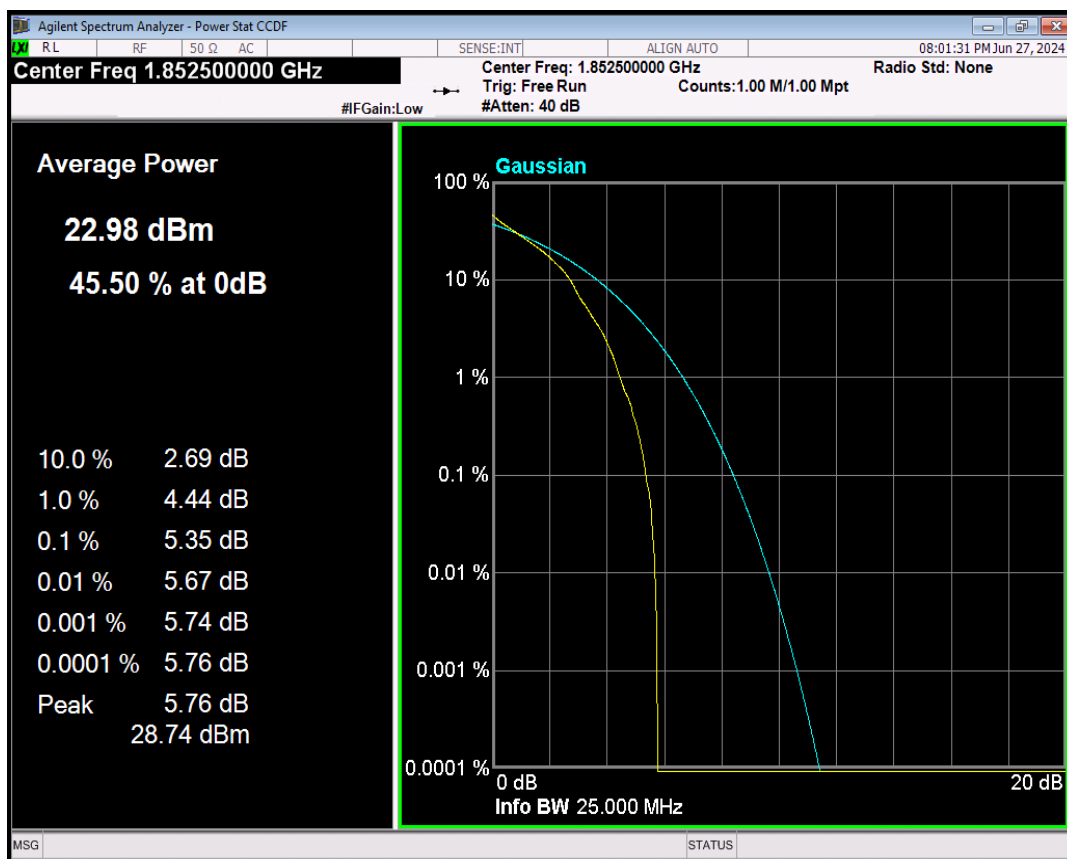


Band2 16QAM BW=3MHz Channel=19185 RB Size=1 Position=#0

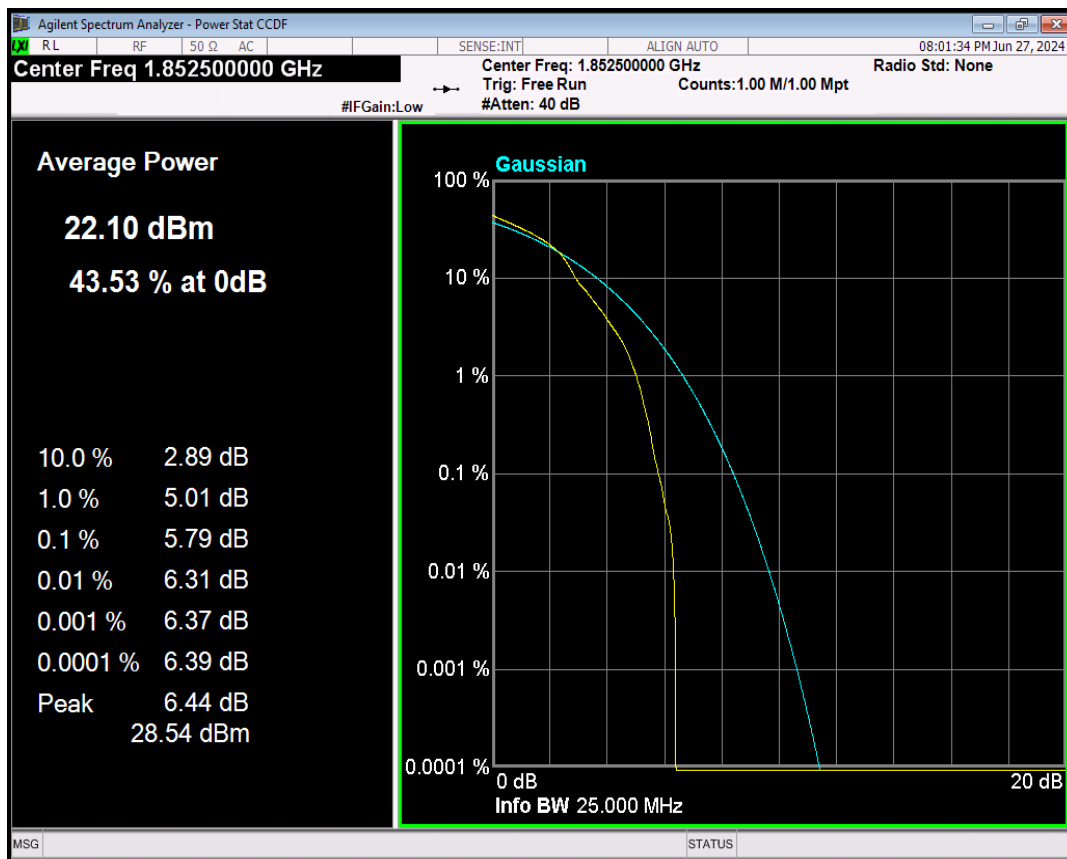




Band2 QPSK BW=5MHz Channel=18625 RB Size=1 Position=#0

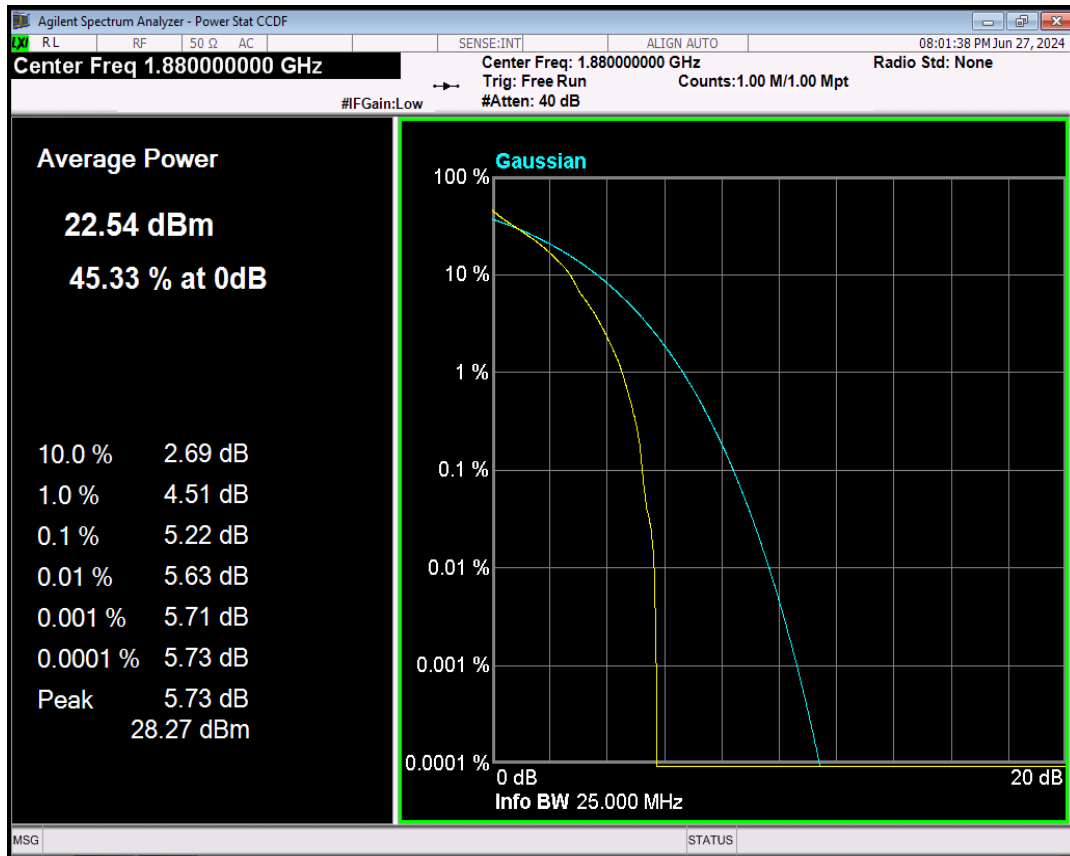


Band2 16QAM BW=5MHz Channel=18625 RB Size=1 Position=#0

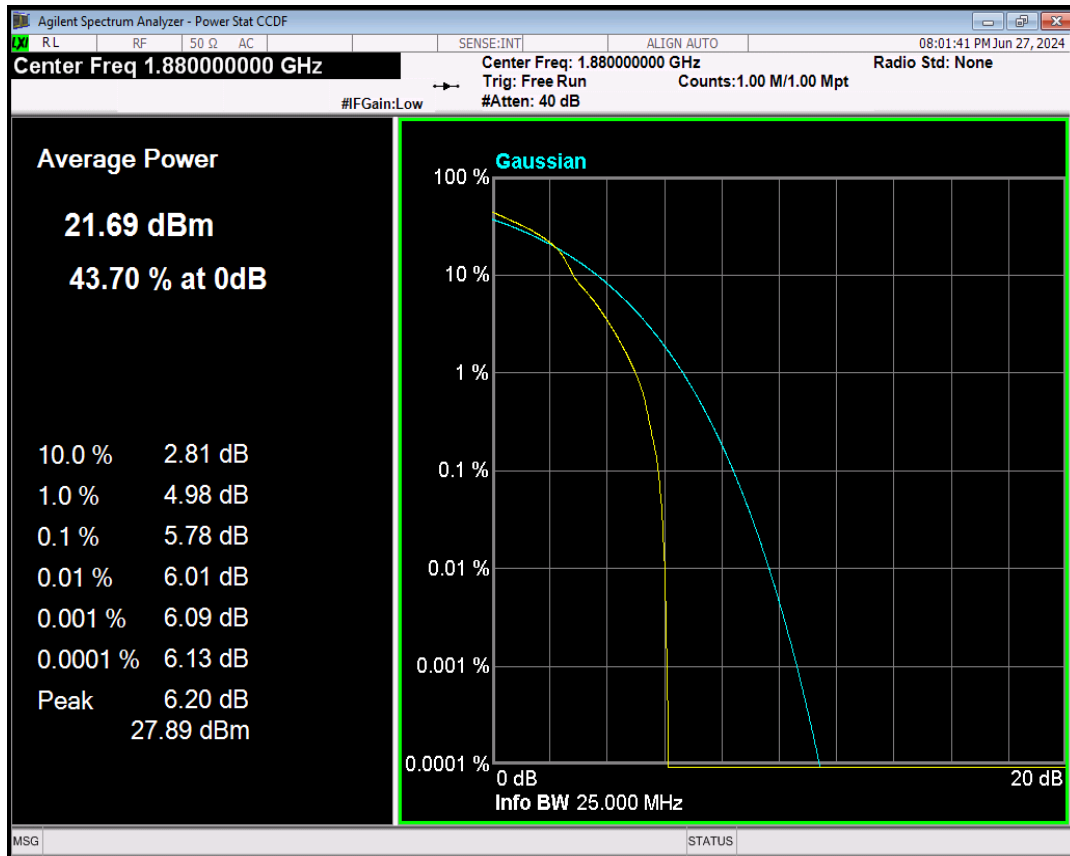




Band2 QPSK BW=5MHz Channel=18900 RB Size=1 Position=#0

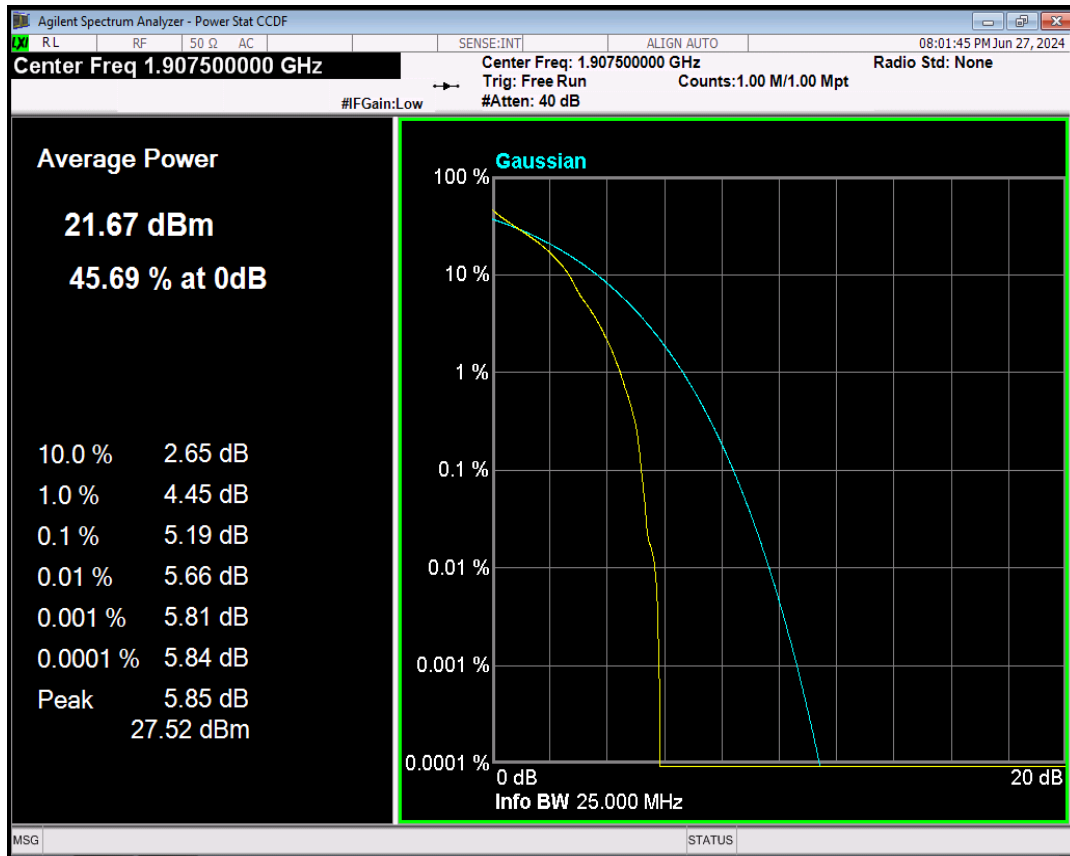


Band2 16QAM BW=5MHz Channel=18900 RB Size=1 Position=#0

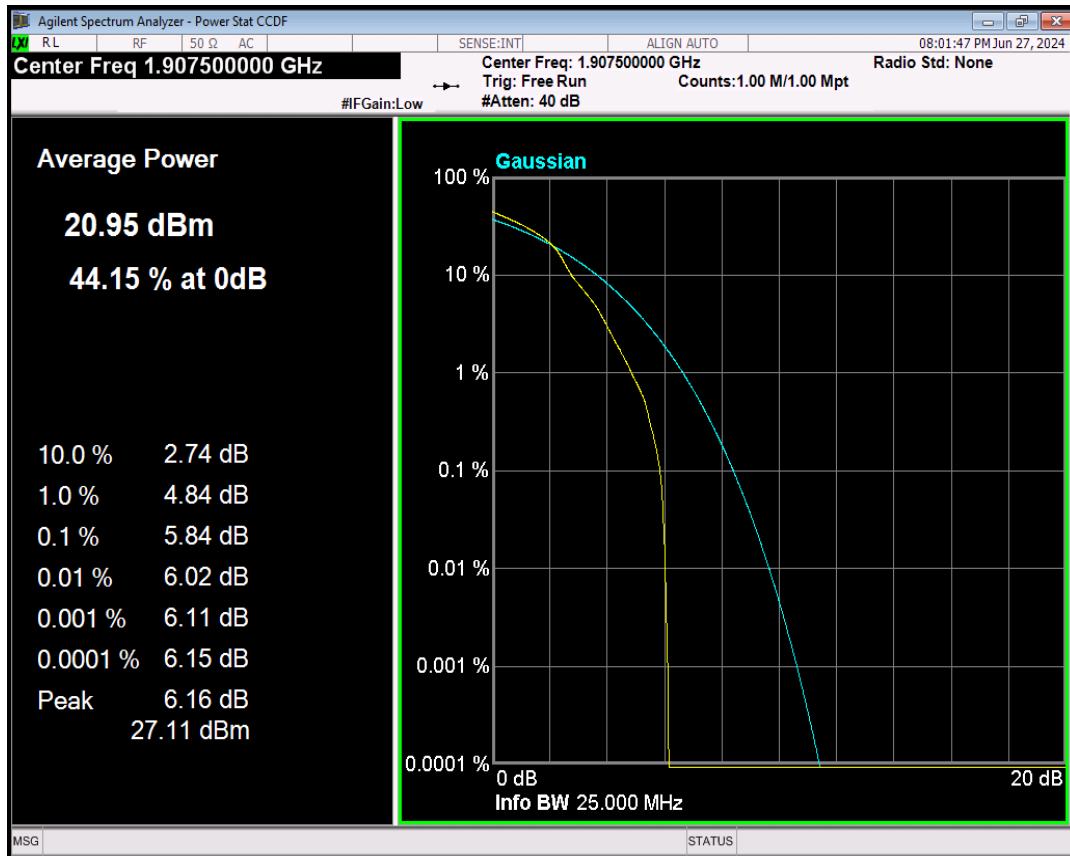




Band2 QPSK BW=5MHz Channel=19175 RB Size=1 Position=#0

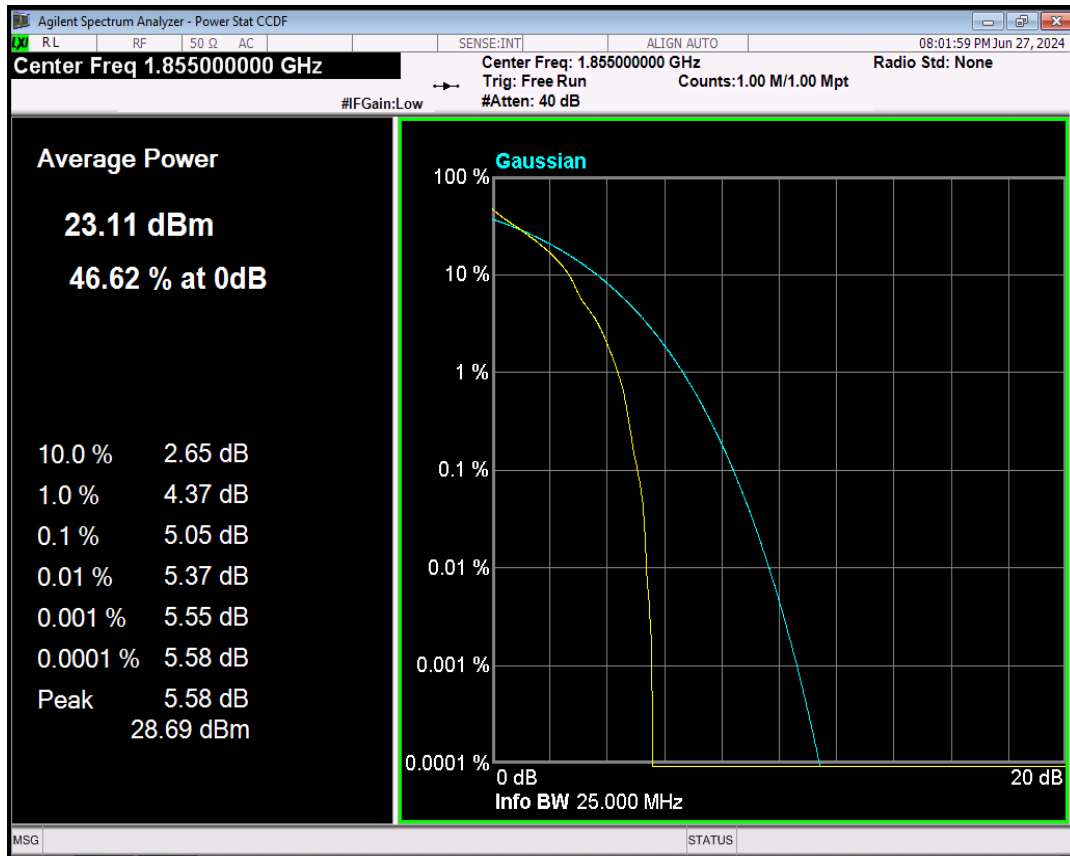


Band2 16QAM BW=5MHz Channel=19175 RB Size=1 Position=#0

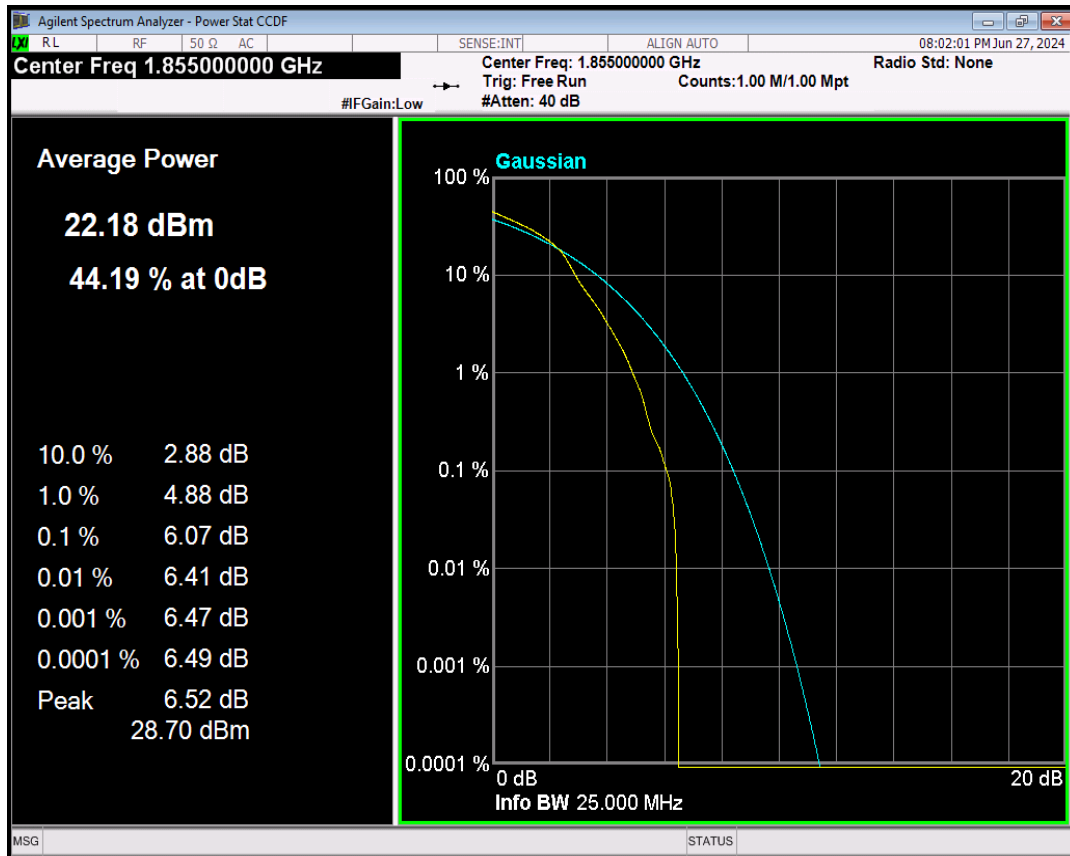




Band2 QPSK BW=10MHz Channel=18650 RB Size=1 Position=#0

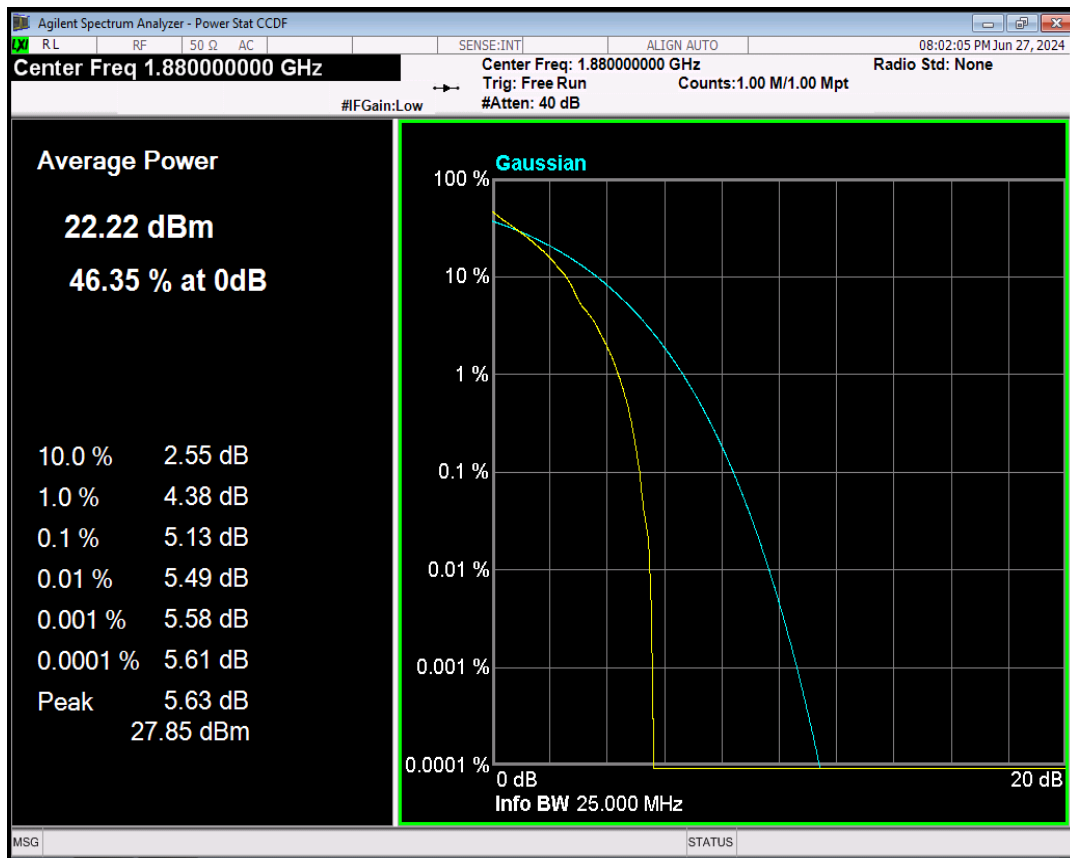


Band2 16QAM BW=10MHz Channel=18650 RB Size=1 Position=#0

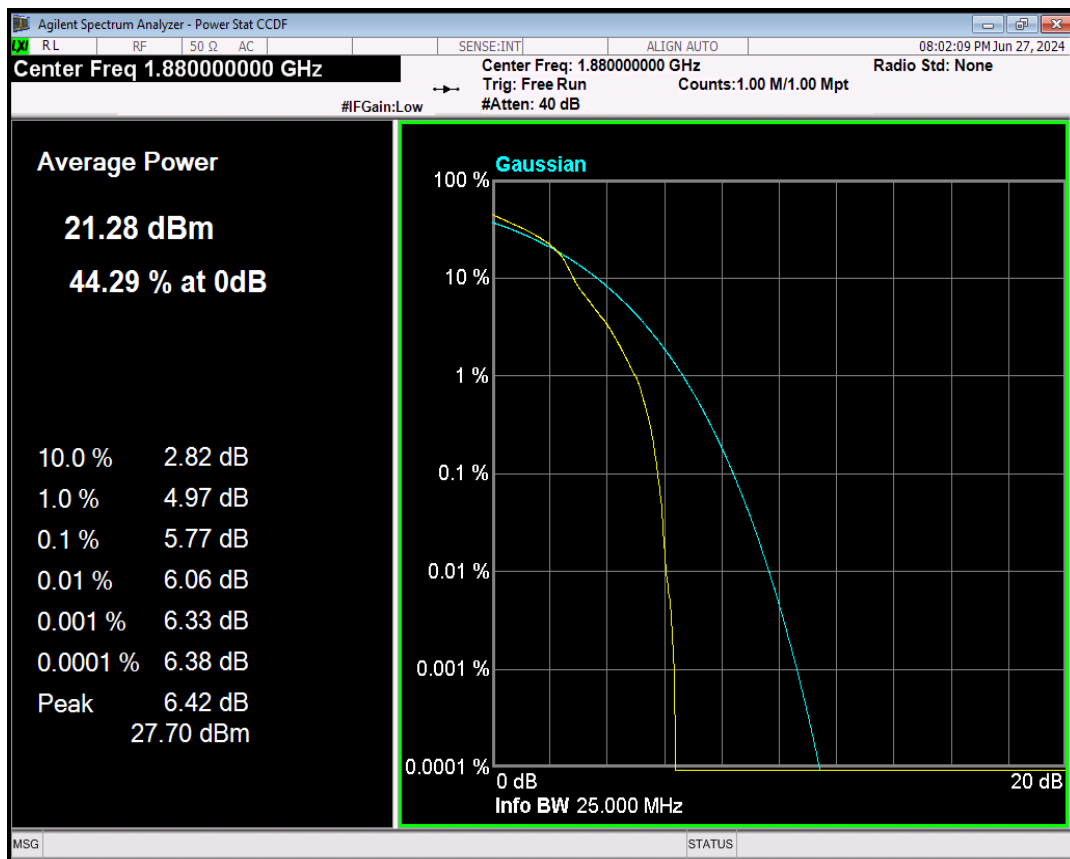




Band2 QPSK BW=10MHz Channel=18900 RB Size=1 Position=#0

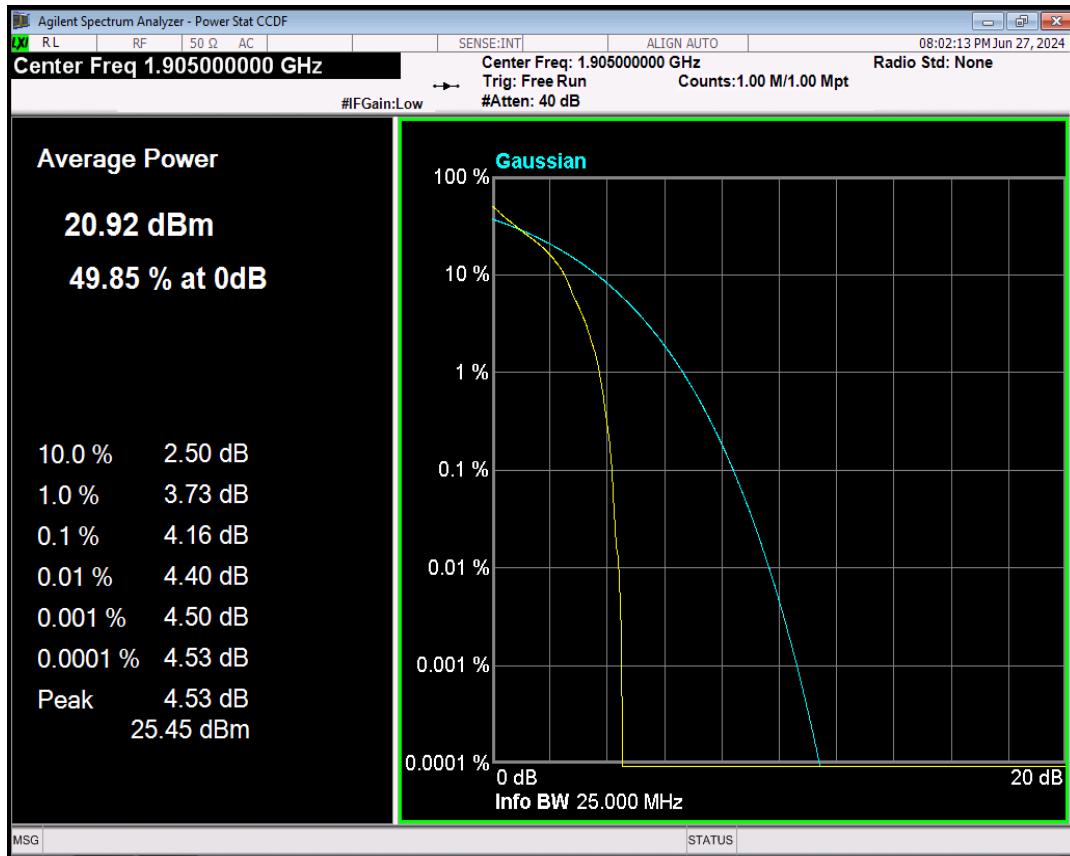


Band2 16QAM BW=10MHz Channel=18900 RB Size=1 Position=#0

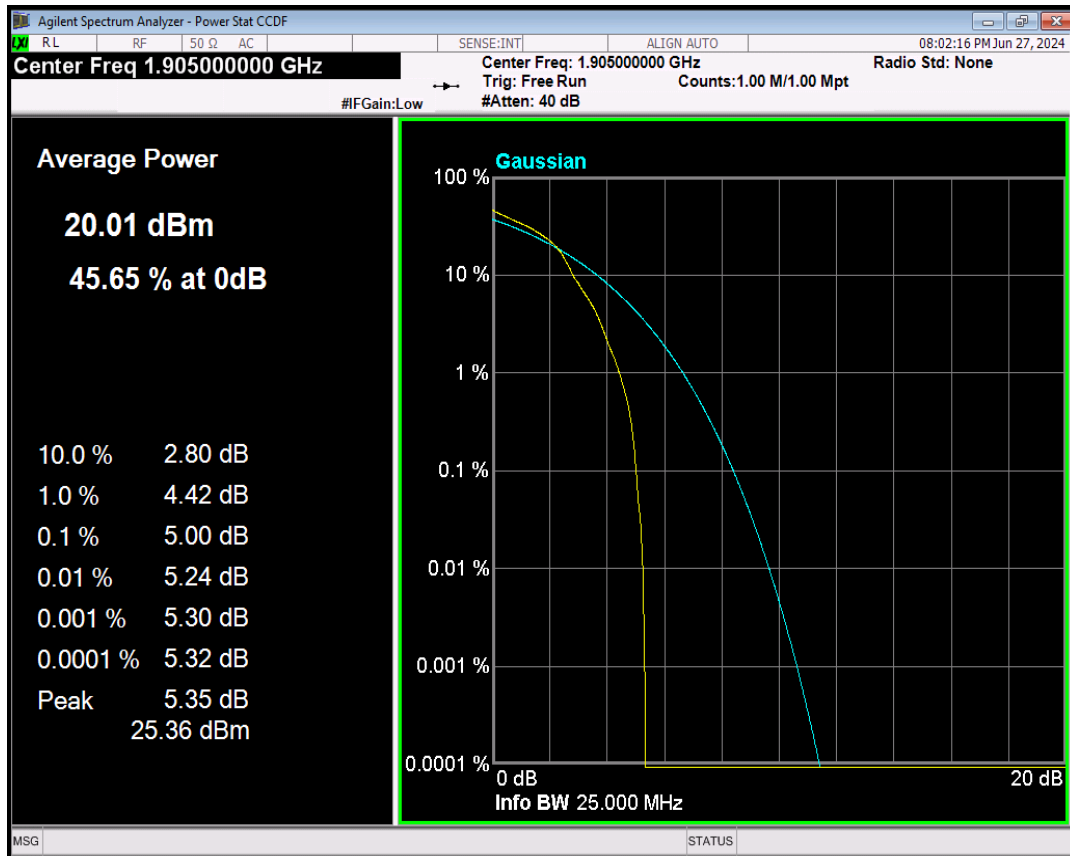




Band2 QPSK BW=10MHz Channel=19150 RB Size=1 Position=#0

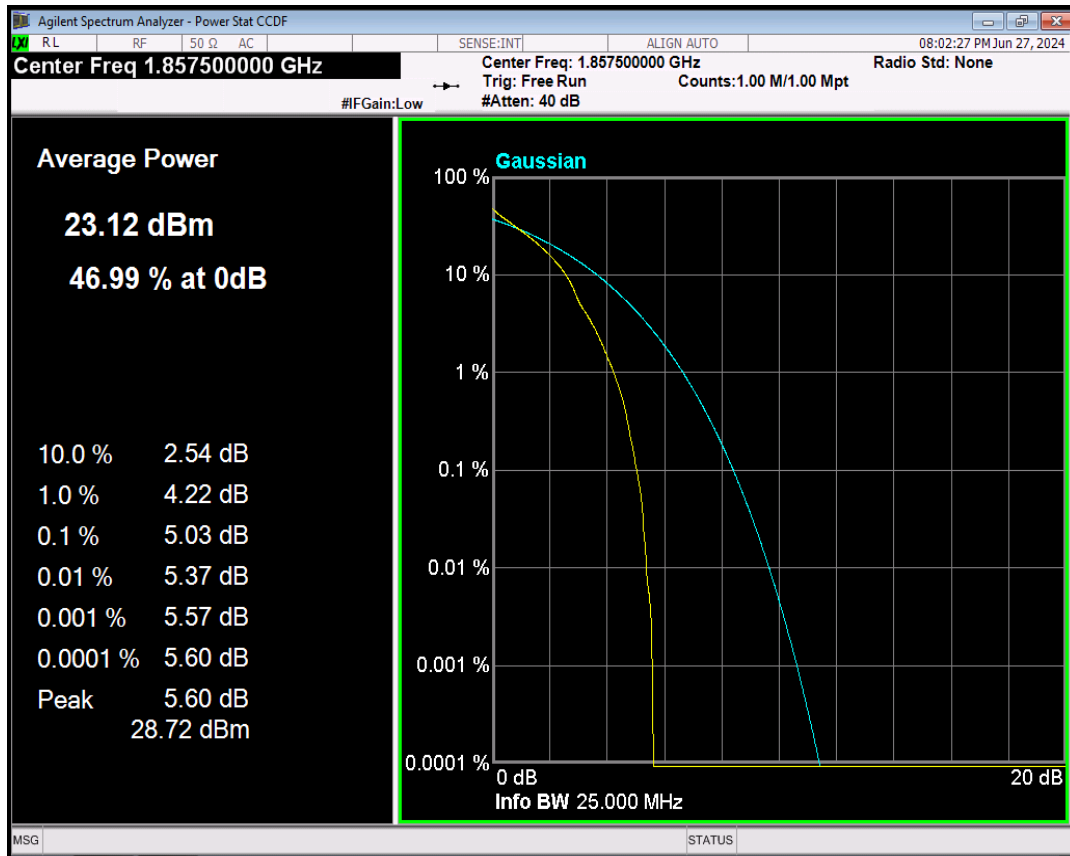


Band2 16QAM BW=10MHz Channel=19150 RB Size=1 Position=#0

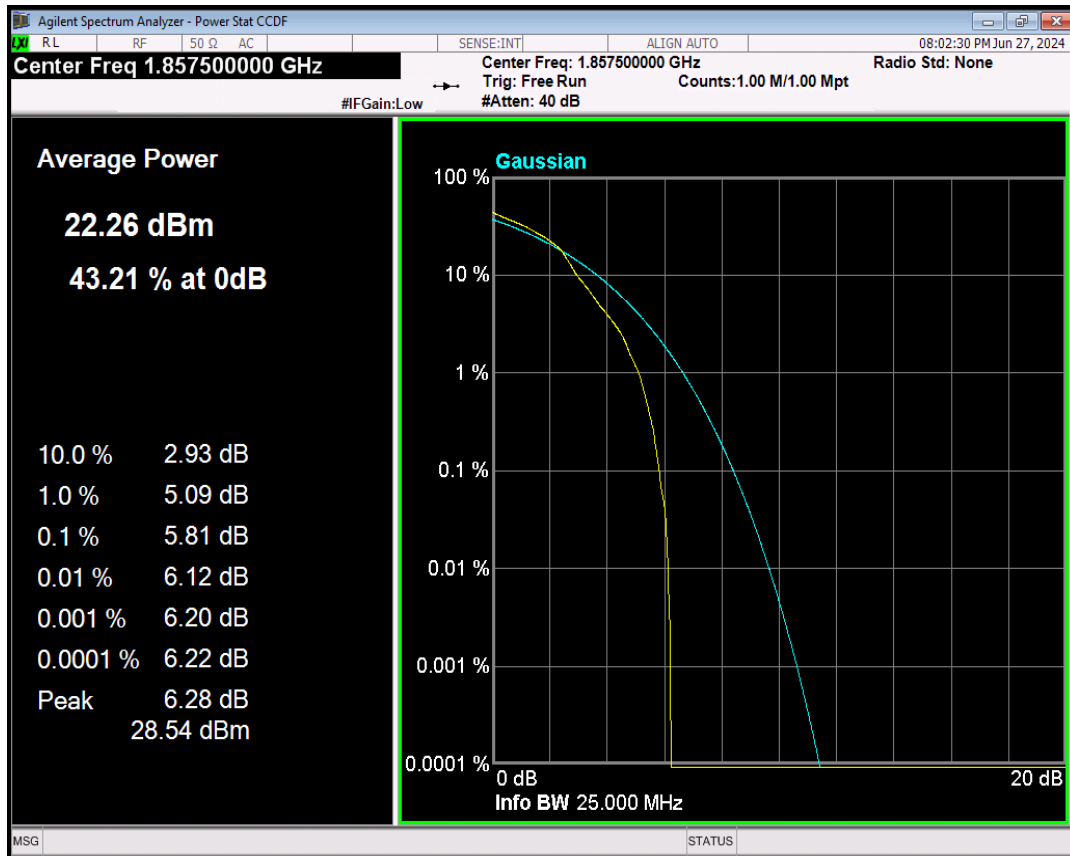




Band2 QPSK BW=15MHz Channel=18675 RB Size=1 Position=#0

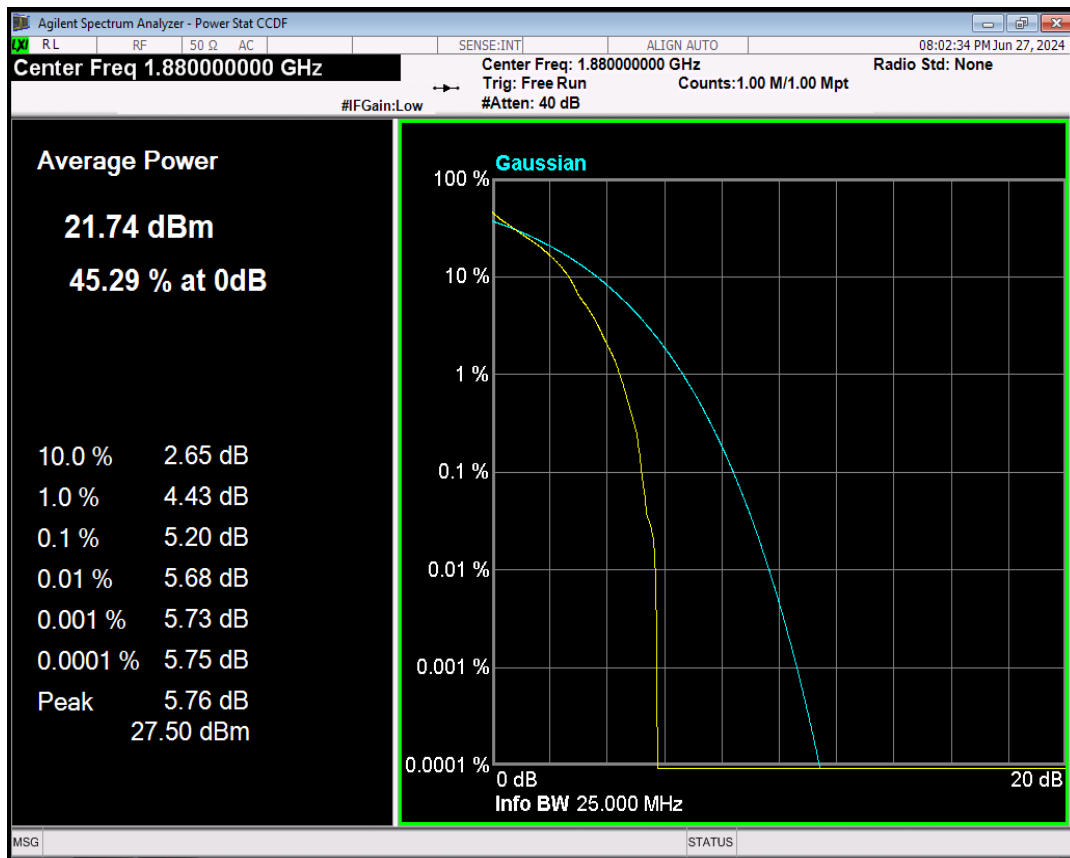


Band2 16QAM BW=15MHz Channel=18675 RB Size=1 Position=#0

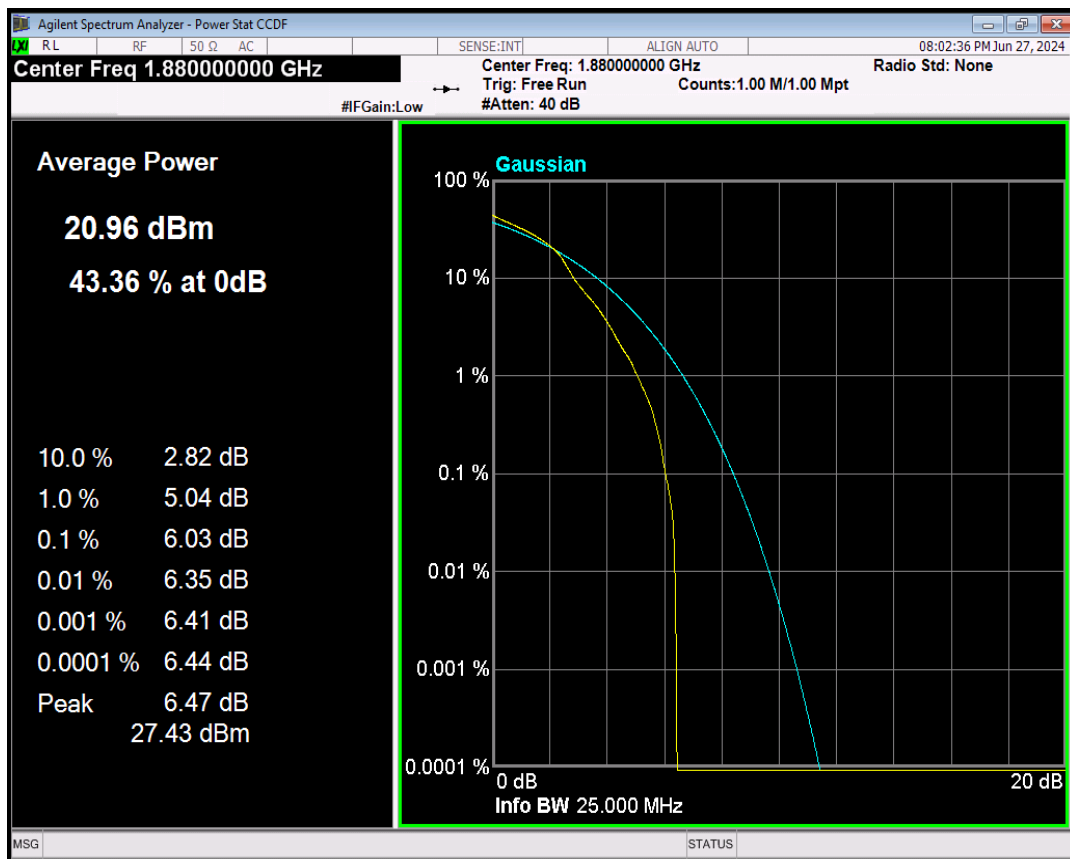




Band2 QPSK BW=15MHz Channel=18900 RB Size=1 Position=#0

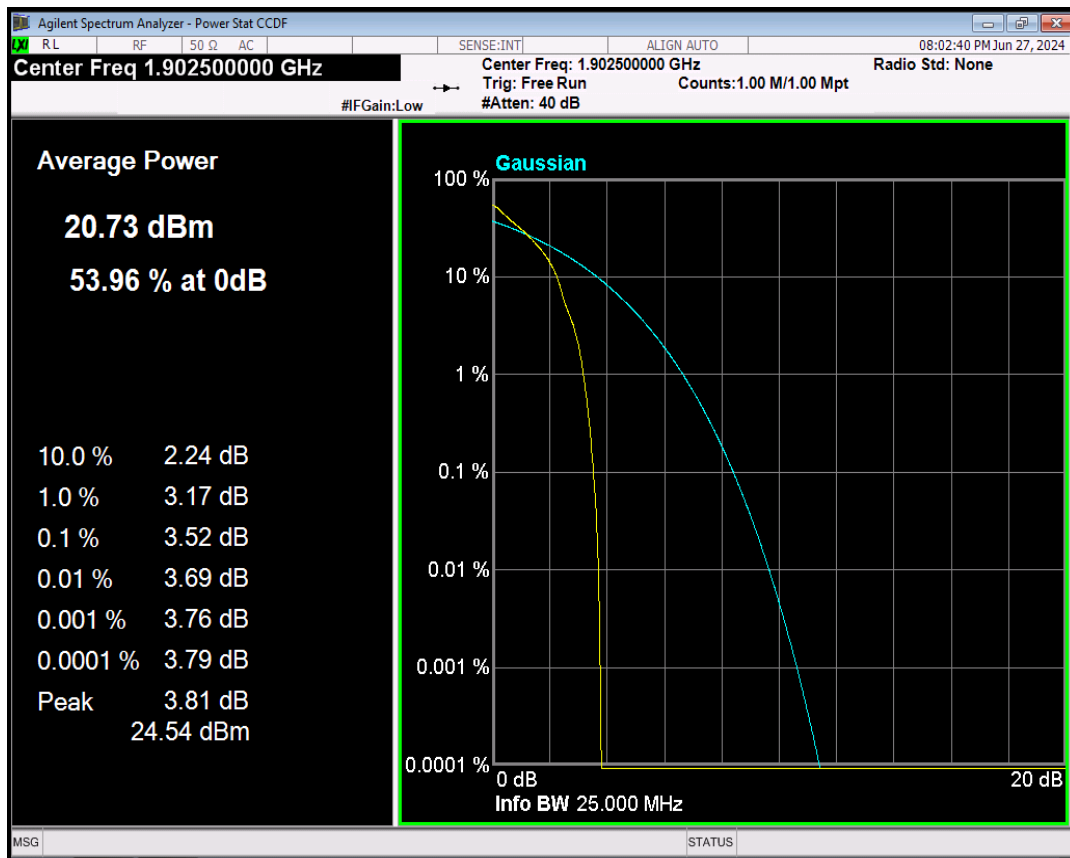


Band2 16QAM BW=15MHz Channel=18900 RB Size=1 Position=#0

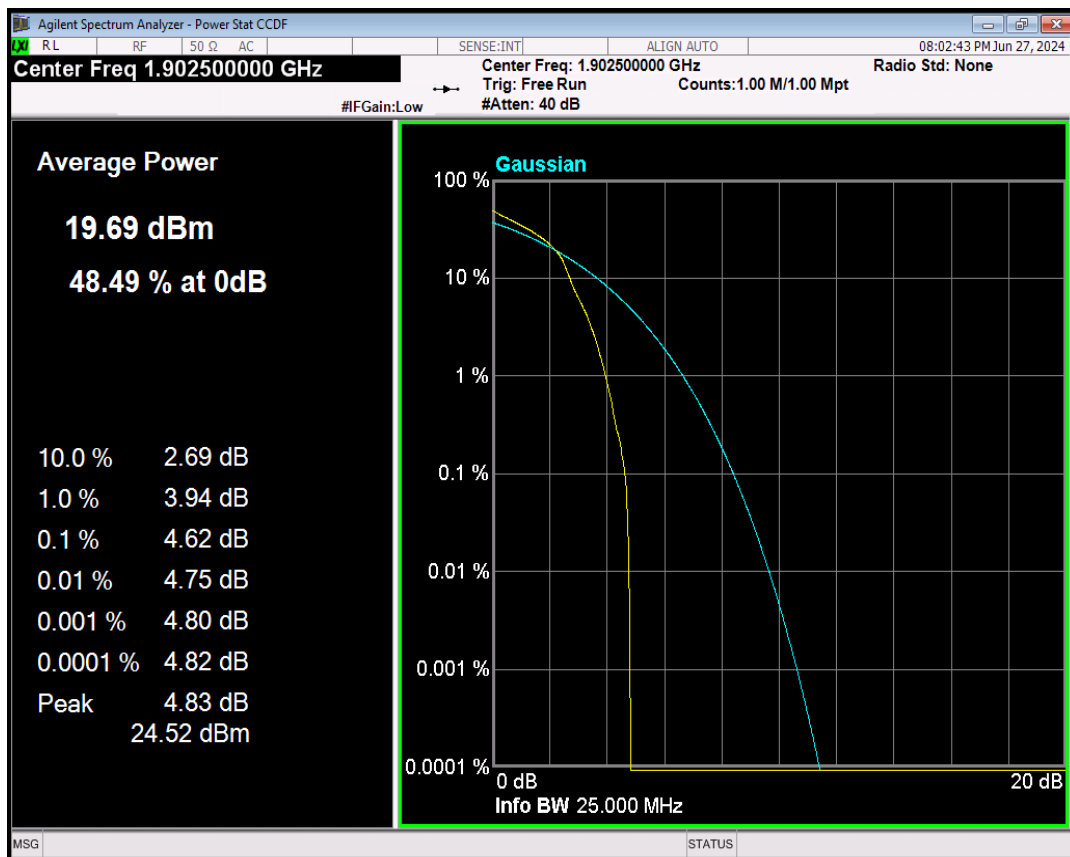




Band2 QPSK BW=15MHz Channel=19125 RB Size=1 Position=#0

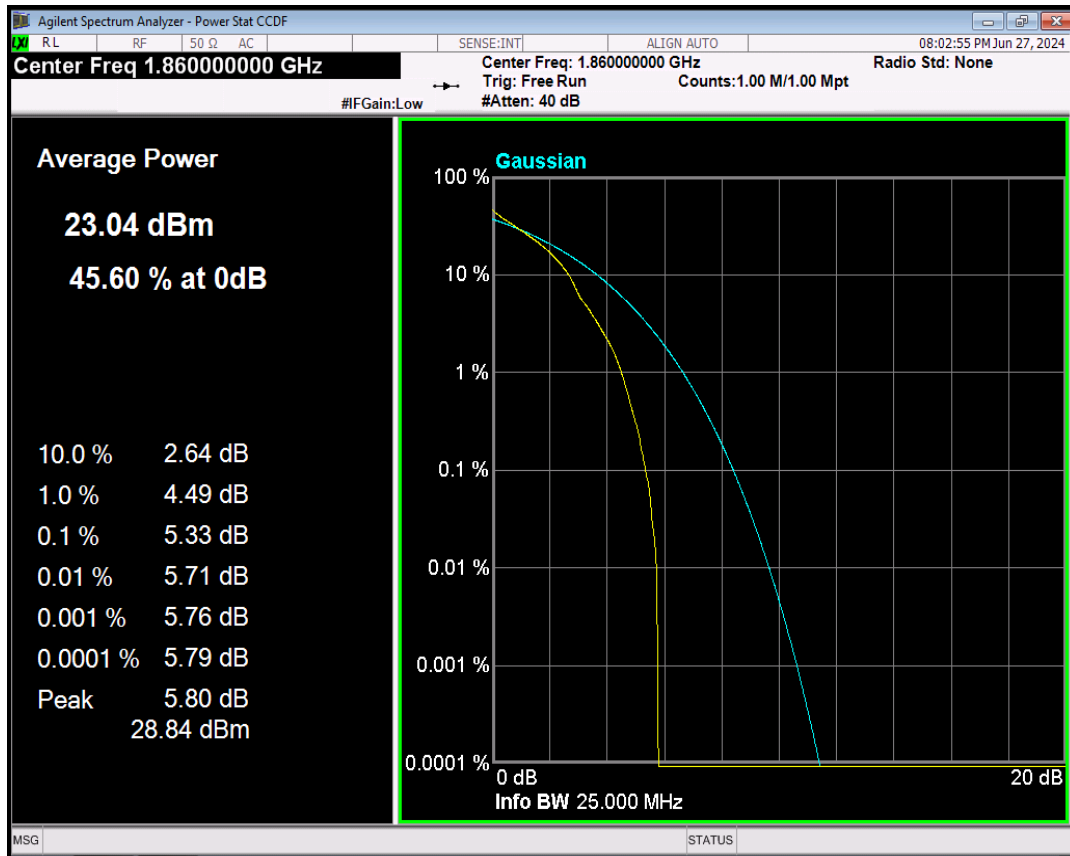


Band2 16QAM BW=15MHz Channel=19125 RB Size=1 Position=#0

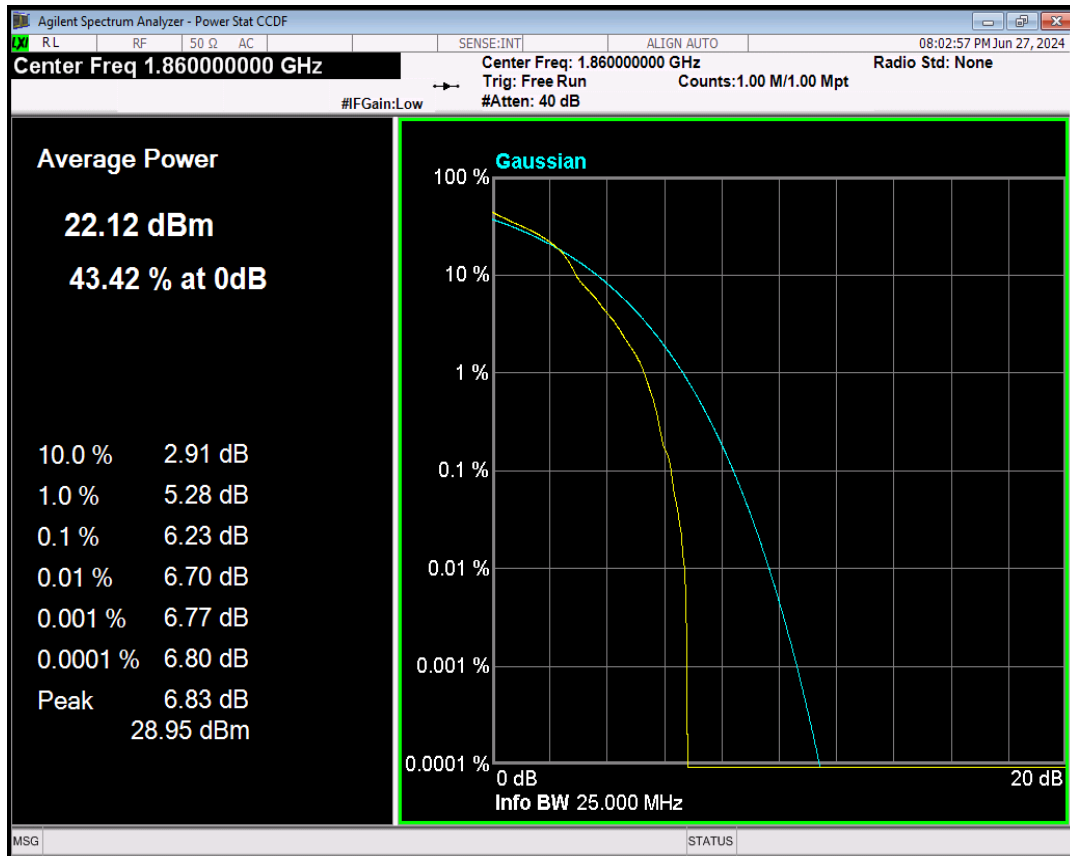




Band2 QPSK BW=20MHz Channel=18700 RB Size=1 Position=#0

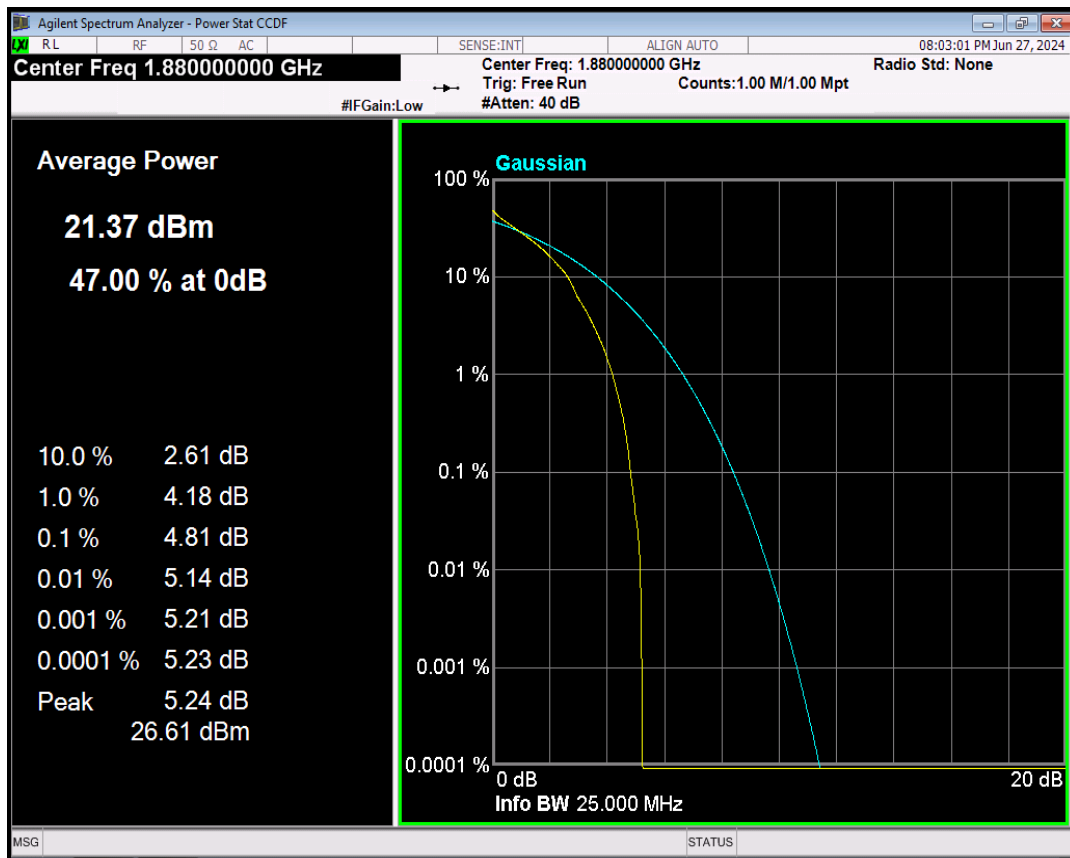


Band2 16QAM BW=20MHz Channel=18700 RB Size=1 Position=#0

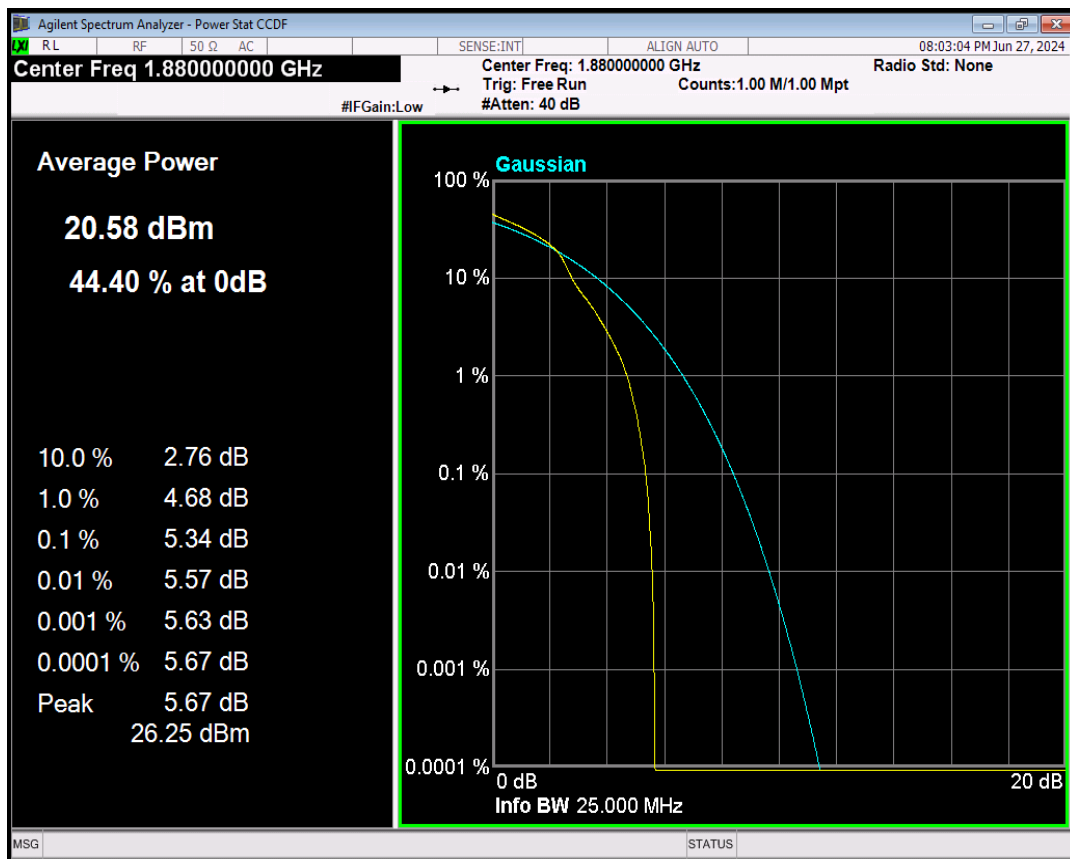




Band2 QPSK BW=20MHz Channel=18900 RB Size=1 Position=#0

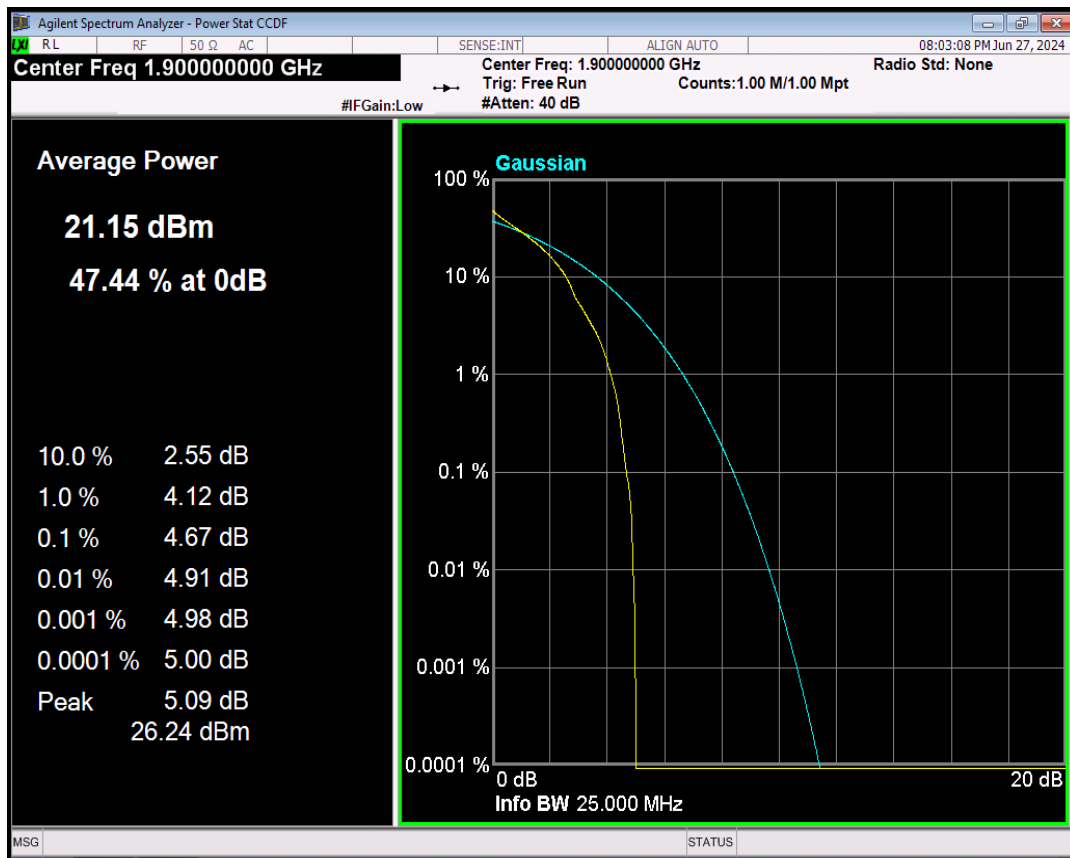


Band2 16QAM BW=20MHz Channel=18900 RB Size=1 Position=#0

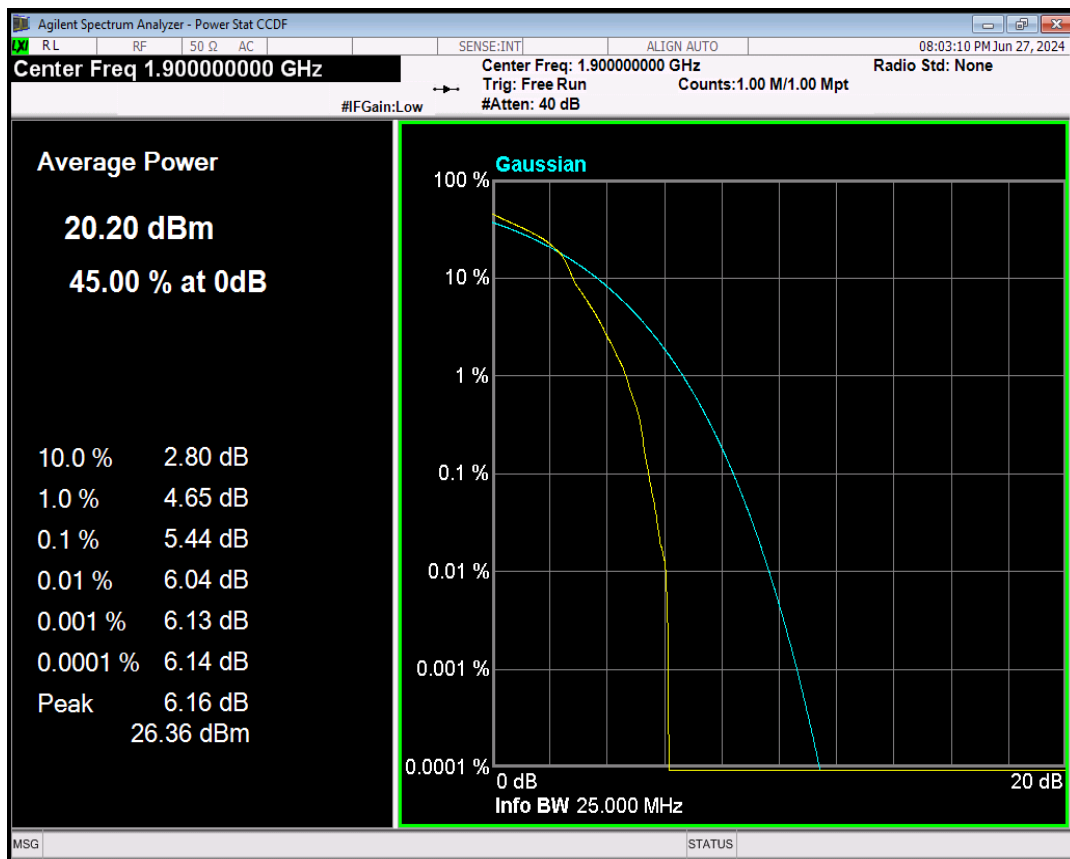




Band2 QPSK BW=20MHz Channel=19100 RB Size=1 Position=#0



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

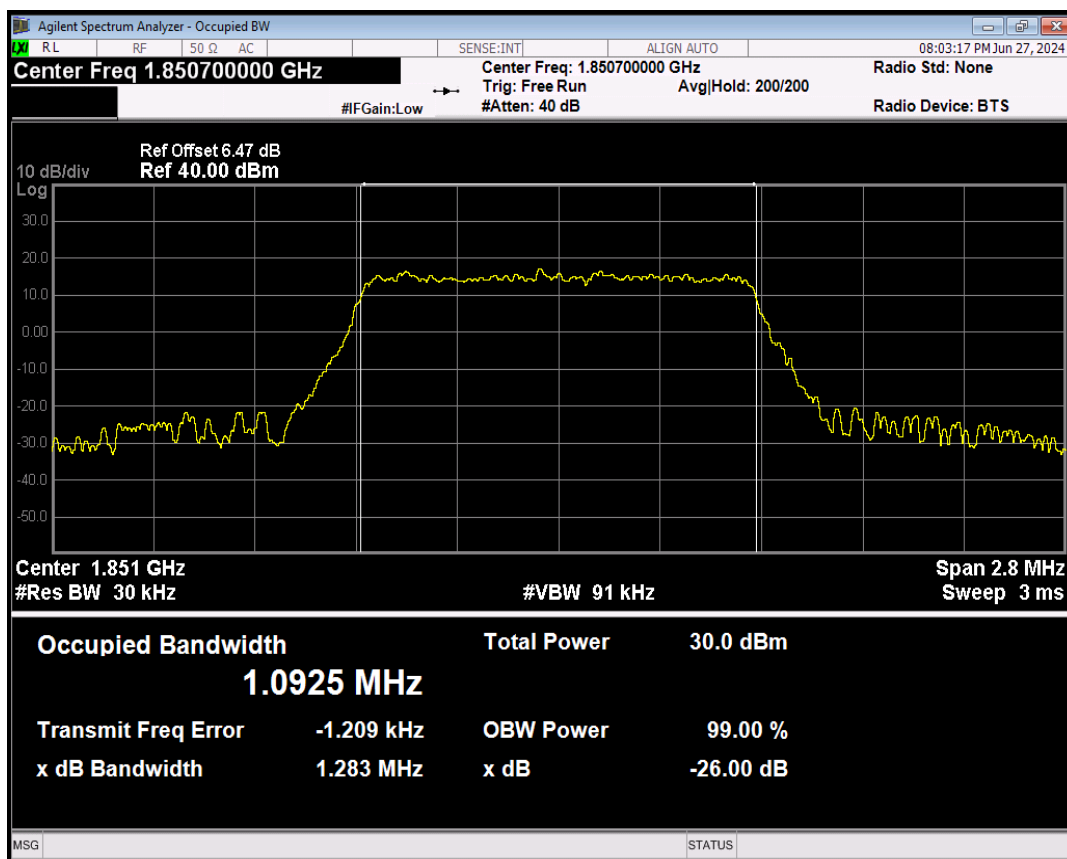


Appendix 4. Occupied bandwidth

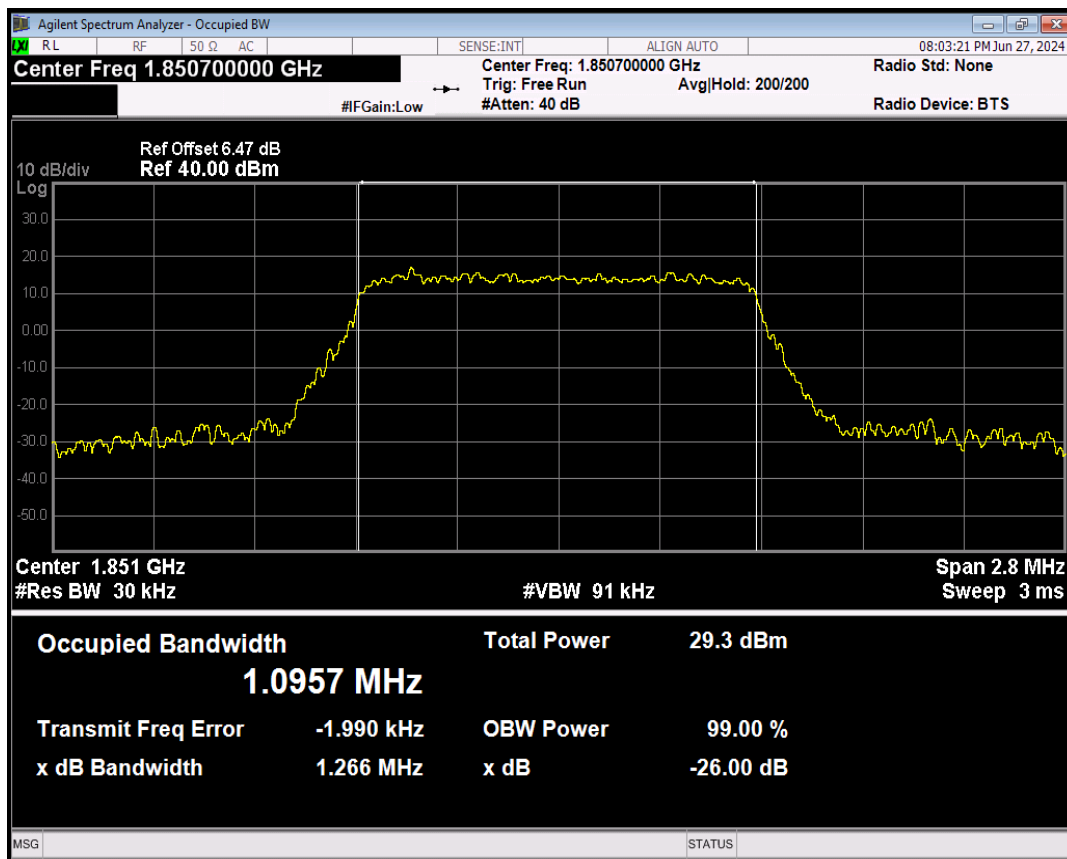
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
Band2	1.4	18607	6	#0	QPSK	1.093	1.283	PASS
Band2	1.4	18607	6	#0	16QAM	1.096	1.266	PASS
Band2	1.4	18900	6	#0	QPSK	1.092	1.299	PASS
Band2	1.4	18900	6	#0	16QAM	1.097	1.275	PASS
Band2	1.4	19193	6	#0	QPSK	1.094	1.267	PASS
Band2	1.4	19193	6	#0	16QAM	1.095	1.287	PASS
Band2	3	18615	15	#0	QPSK	2.681	2.904	PASS
Band2	3	18615	15	#0	16QAM	2.690	2.928	PASS
Band2	3	18900	15	#0	QPSK	2.697	2.915	PASS
Band2	3	18900	15	#0	16QAM	2.683	2.909	PASS
Band2	3	19185	15	#0	QPSK	2.696	2.927	PASS
Band2	3	19185	15	#0	16QAM	2.682	2.899	PASS
Band2	5	18625	25	#0	QPSK	4.509	5.066	PASS
Band2	5	18625	25	#0	16QAM	4.519	5.140	PASS
Band2	5	18900	25	#0	QPSK	4.522	5.041	PASS
Band2	5	18900	25	#0	16QAM	4.510	5.065	PASS
Band2	5	19175	25	#0	QPSK	4.514	5.084	PASS
Band2	5	19175	25	#0	16QAM	4.528	5.111	PASS
Band2	10	18650	50	#0	QPSK	9.015	10.040	PASS
Band2	10	18650	50	#0	16QAM	8.996	10.027	PASS
Band2	10	18900	50	#0	QPSK	8.994	9.837	PASS
Band2	10	18900	50	#0	16QAM	8.971	9.876	PASS
Band2	10	19150	50	#0	QPSK	9.036	10.017	PASS
Band2	10	19150	50	#0	16QAM	8.997	9.908	PASS
Band2	15	18675	75	#0	QPSK	13.497	14.802	PASS
Band2	15	18675	75	#0	16QAM	13.511	14.875	PASS
Band2	15	18900	75	#0	QPSK	13.422	14.589	PASS
Band2	15	18900	75	#0	16QAM	13.481	14.917	PASS
Band2	15	19125	75	#0	QPSK	13.475	15.008	PASS
Band2	15	19125	75	#0	16QAM	13.491	14.833	PASS
Band2	20	18700	100	#0	QPSK	17.980	19.608	PASS
Band2	20	18700	100	#0	16QAM	17.984	19.442	PASS
Band2	20	18900	100	#0	QPSK	17.923	19.563	PASS
Band2	20	18900	100	#0	16QAM	17.895	19.456	PASS
Band2	20	19100	100	#0	QPSK	18.027	19.554	PASS
Band2	20	19100	100	#0	16QAM	17.997	19.592	PASS



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

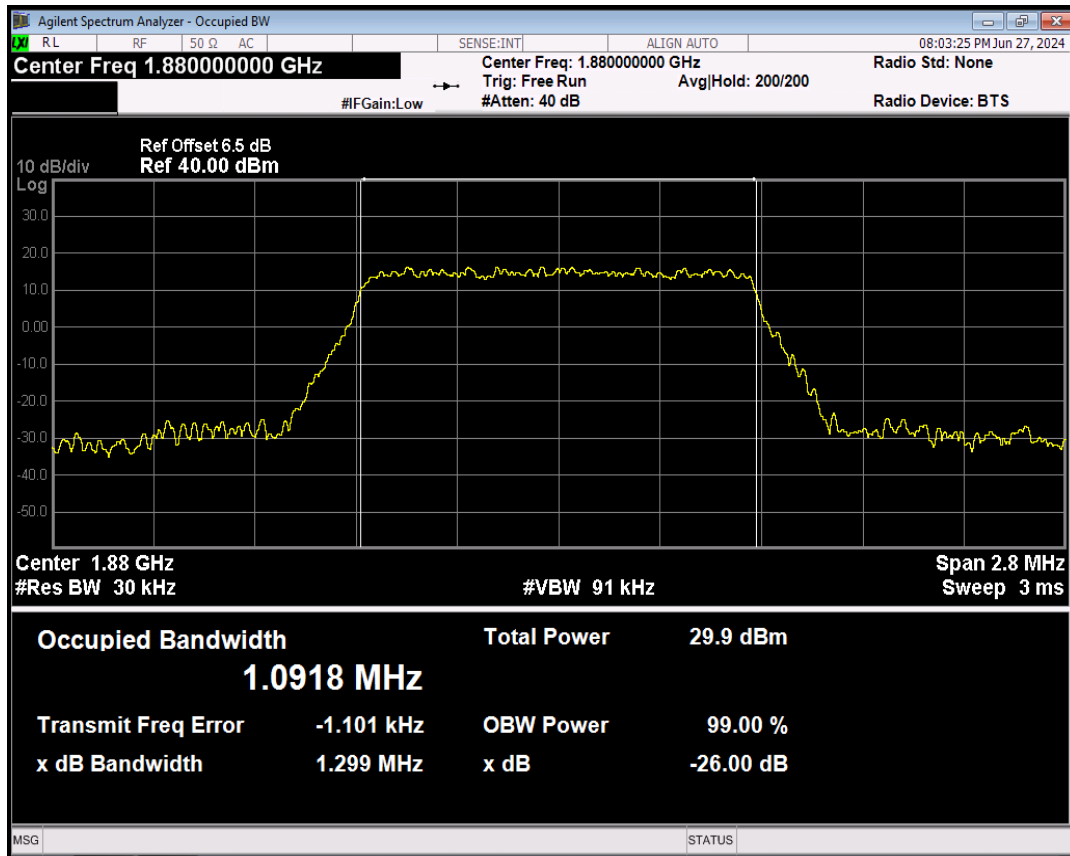


Band2 16QAM BW=1.4MHz Channel=18607 RB Size=6 Position=#0

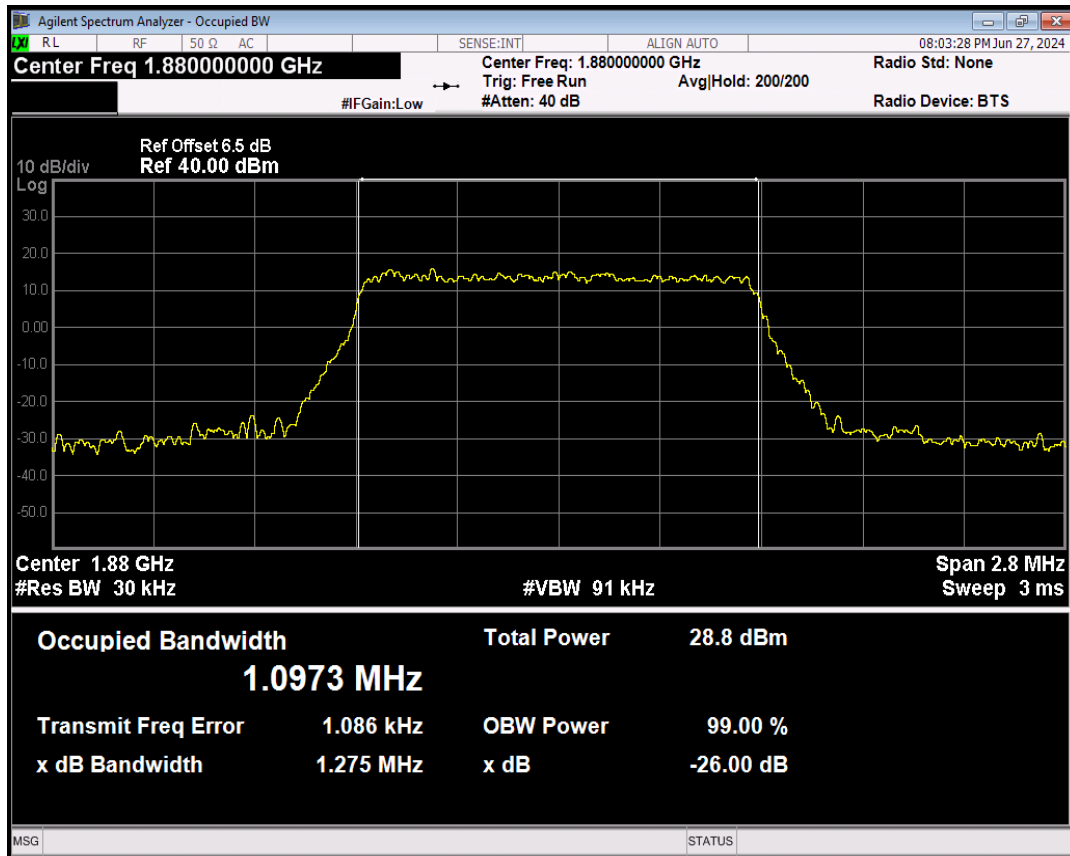




Band2 QPSK BW=1.4MHz Channel=18900 RB Size=6 Position=#0

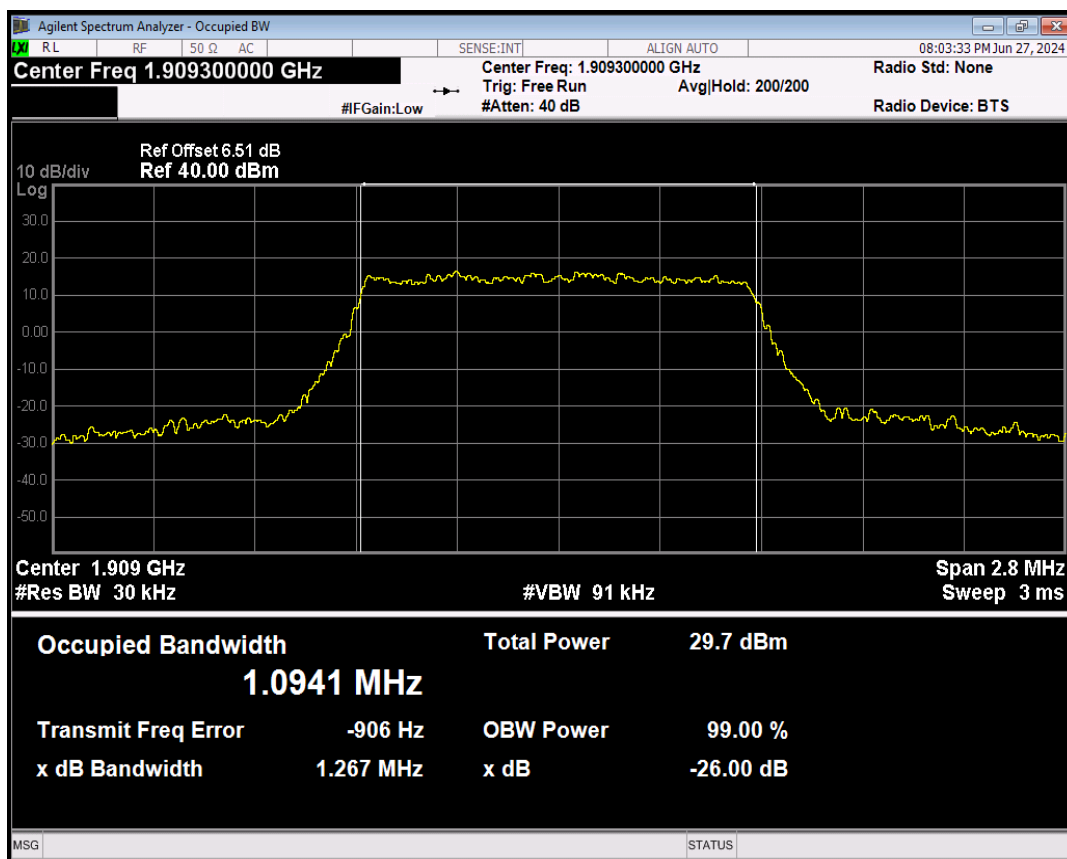


Band2 16QAM BW=1.4MHz Channel=18900 RB Size=6 Position=#0

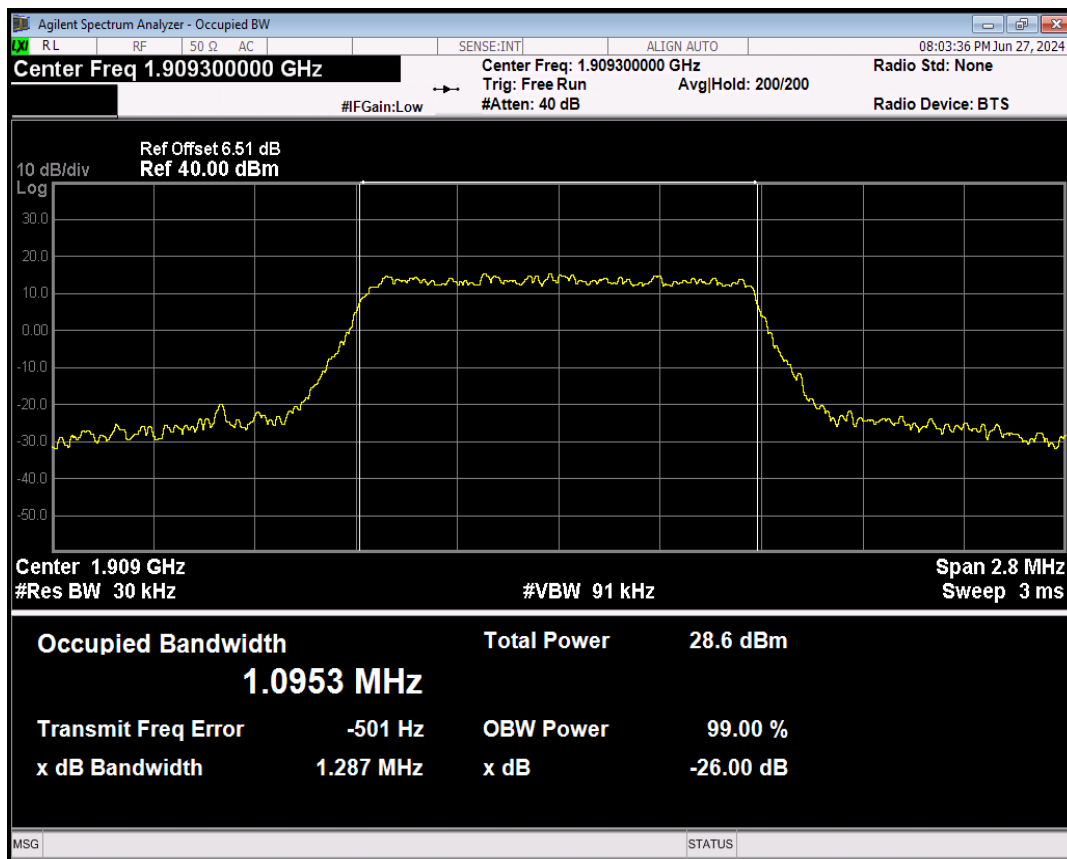




Band2 QPSK BW=1.4MHz Channel=19193 RB Size=6 Position=#0

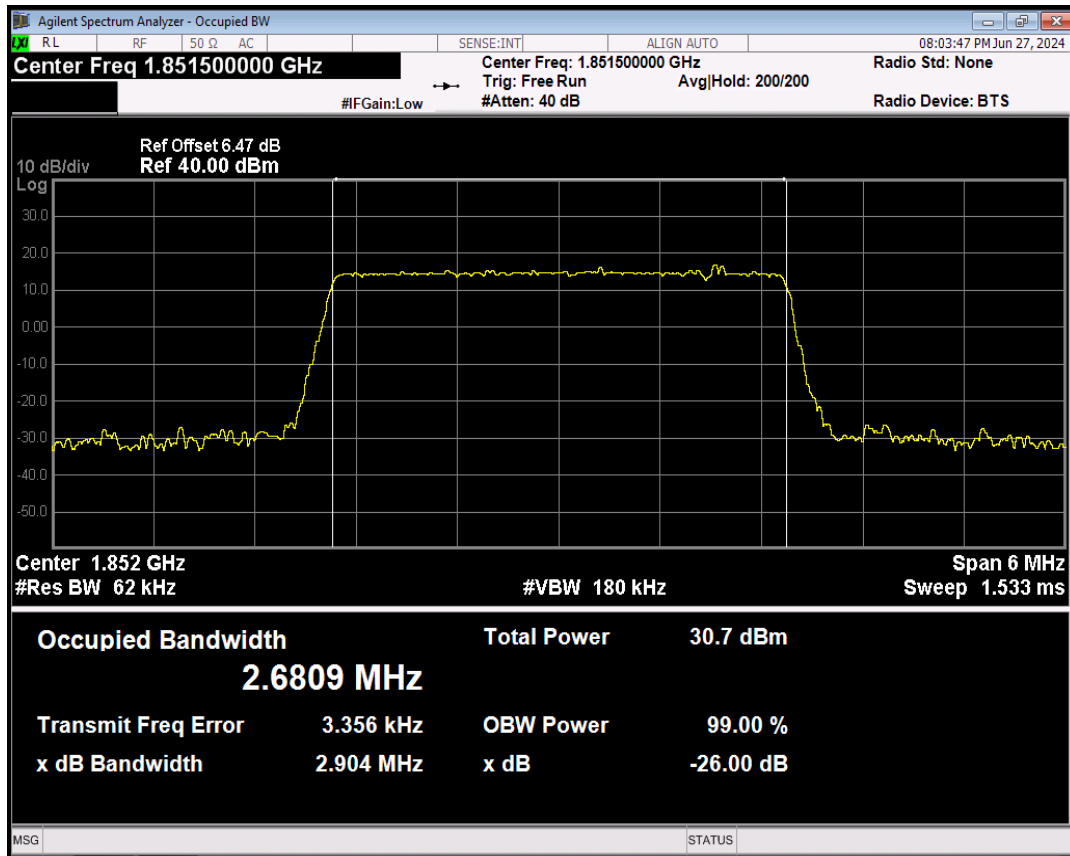


Band2 16QAM BW=1.4MHz Channel=19193 RB Size=6 Position=#0

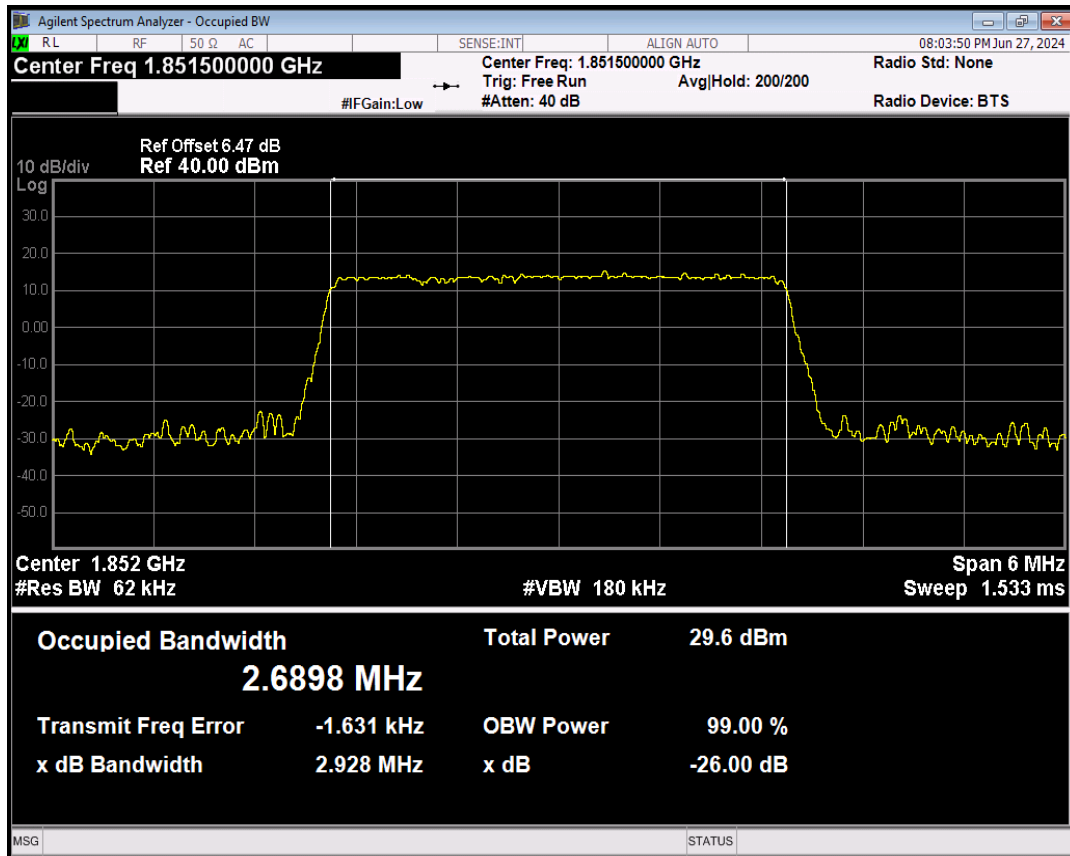




Band2 QPSK BW=3MHz Channel=18615 RB Size=15 Position=#0

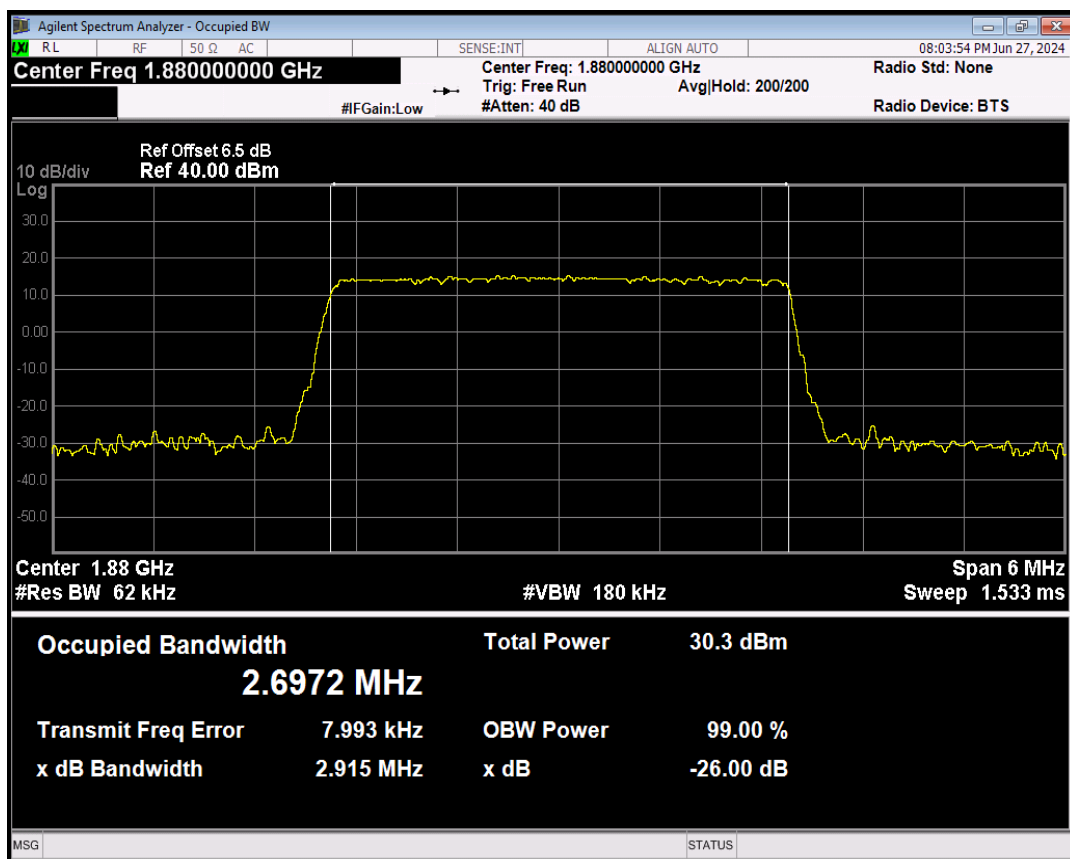


Band2 16QAM BW=3MHz Channel=18615 RB Size=15 Position=#0

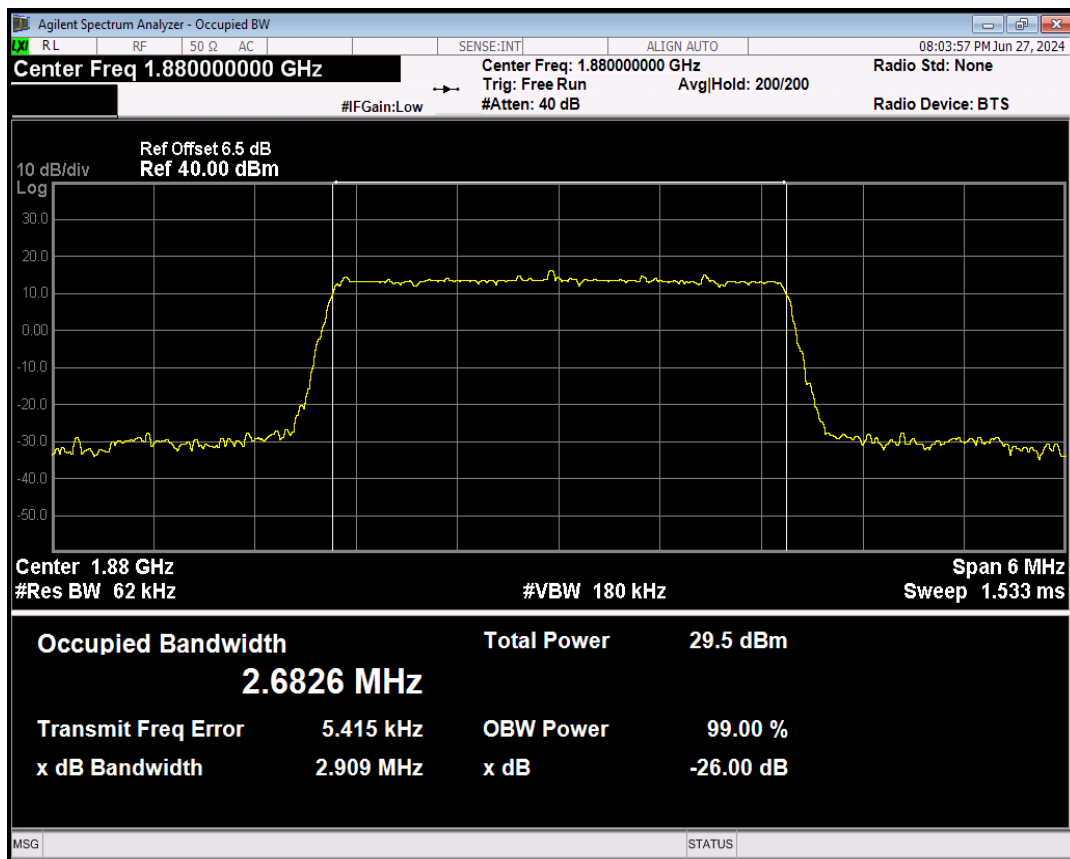




Band2 QPSK BW=3MHz Channel=18900 RB Size=15 Position=#0

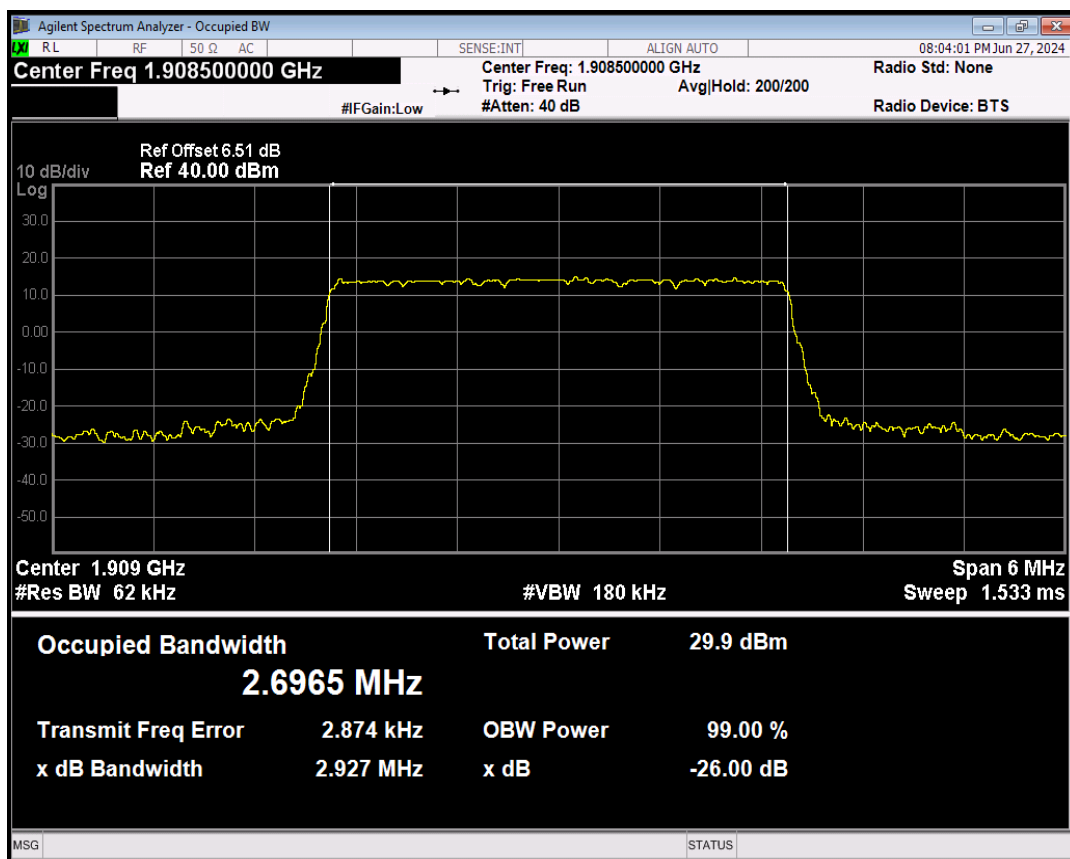


Band2 16QAM BW=3MHz Channel=18900 RB Size=15 Position=#0

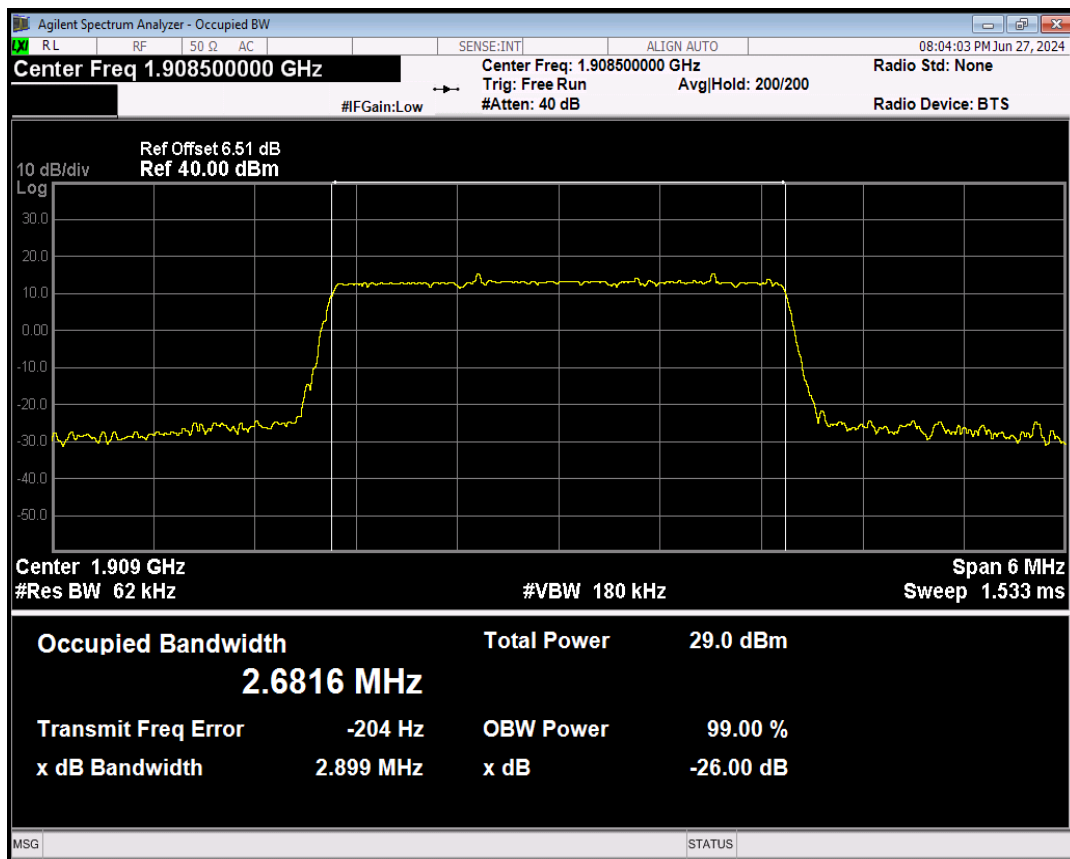




Band2 QPSK BW=3MHz Channel=19185 RB Size=15 Position=#0

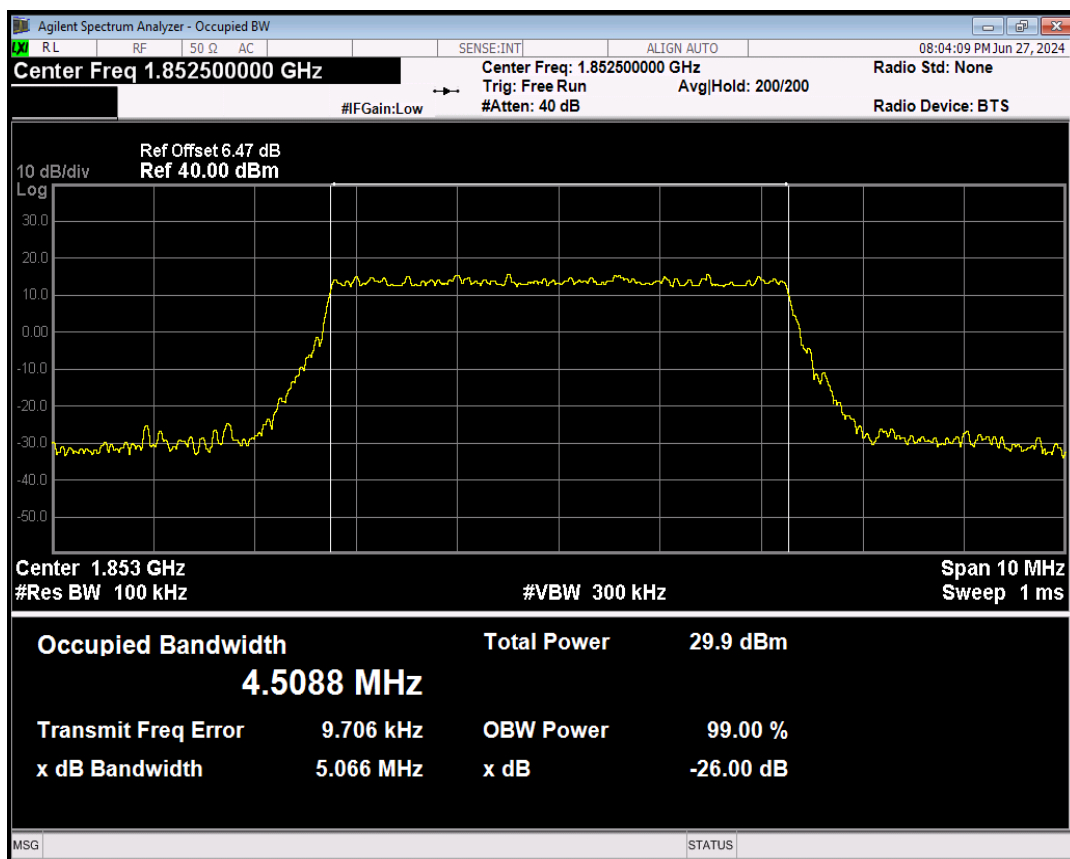


Band2 16QAM BW=3MHz Channel=19185 RB Size=15 Position=#0

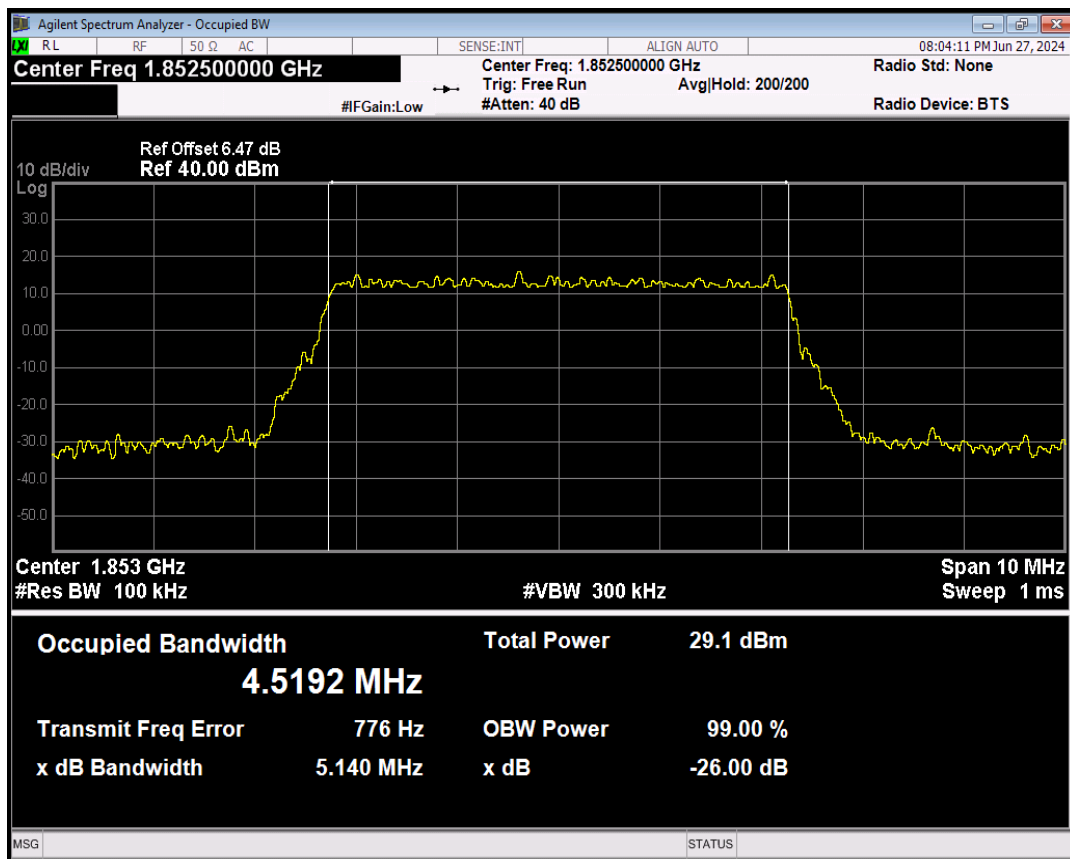




Band2 QPSK BW=5MHz Channel=18625 RB Size=25 Position=#0

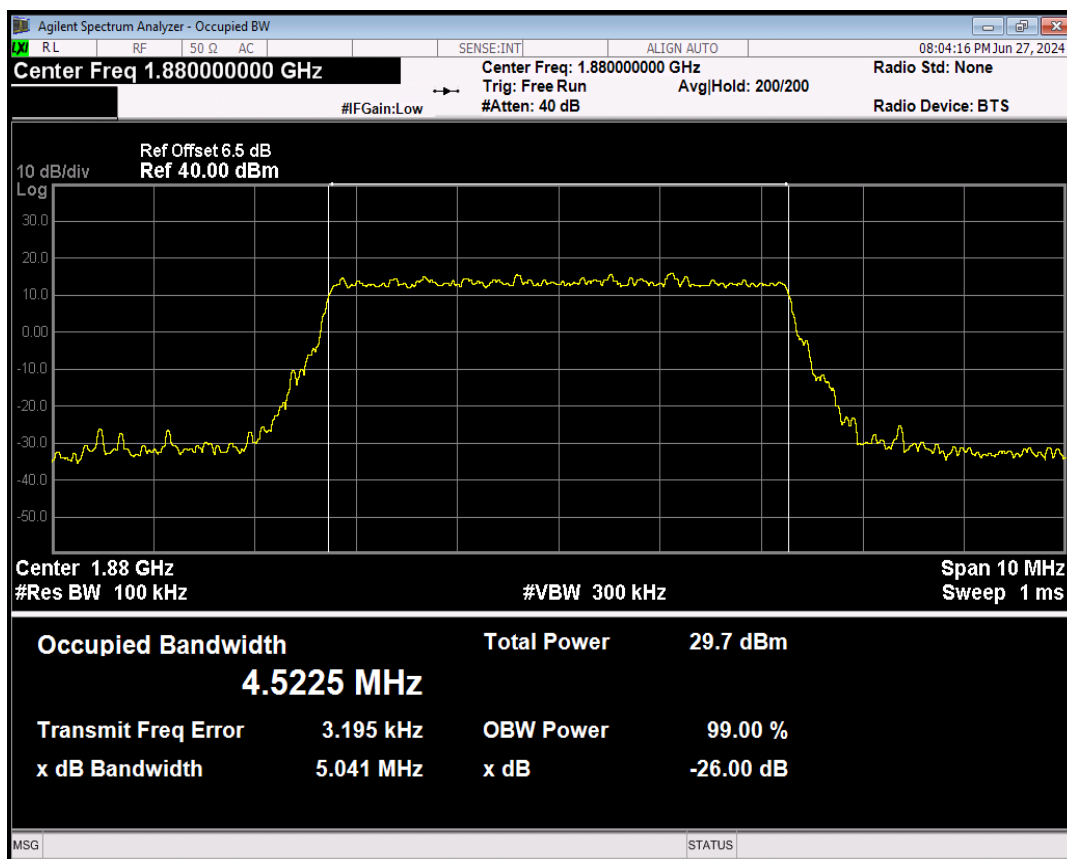


Band2 16QAM BW=5MHz Channel=18625 RB Size=25 Position=#0

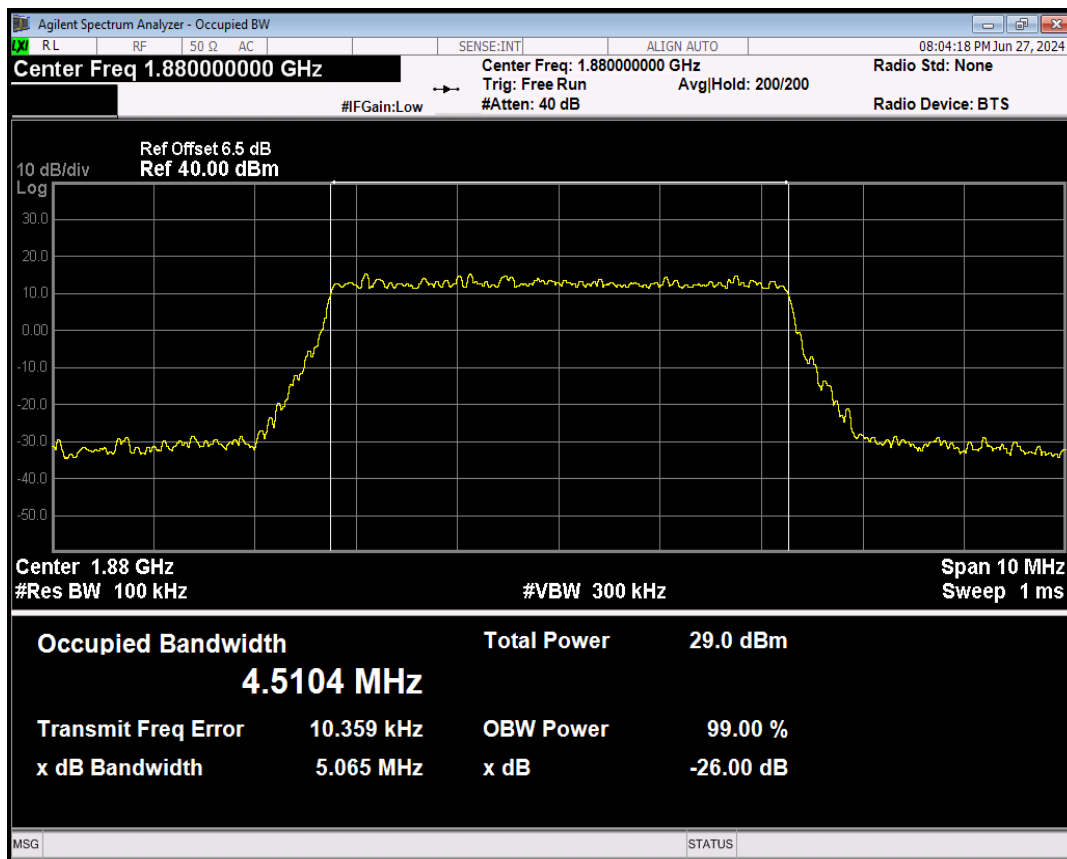




Band2 QPSK BW=5MHz Channel=18900 RB Size=25 Position=#0

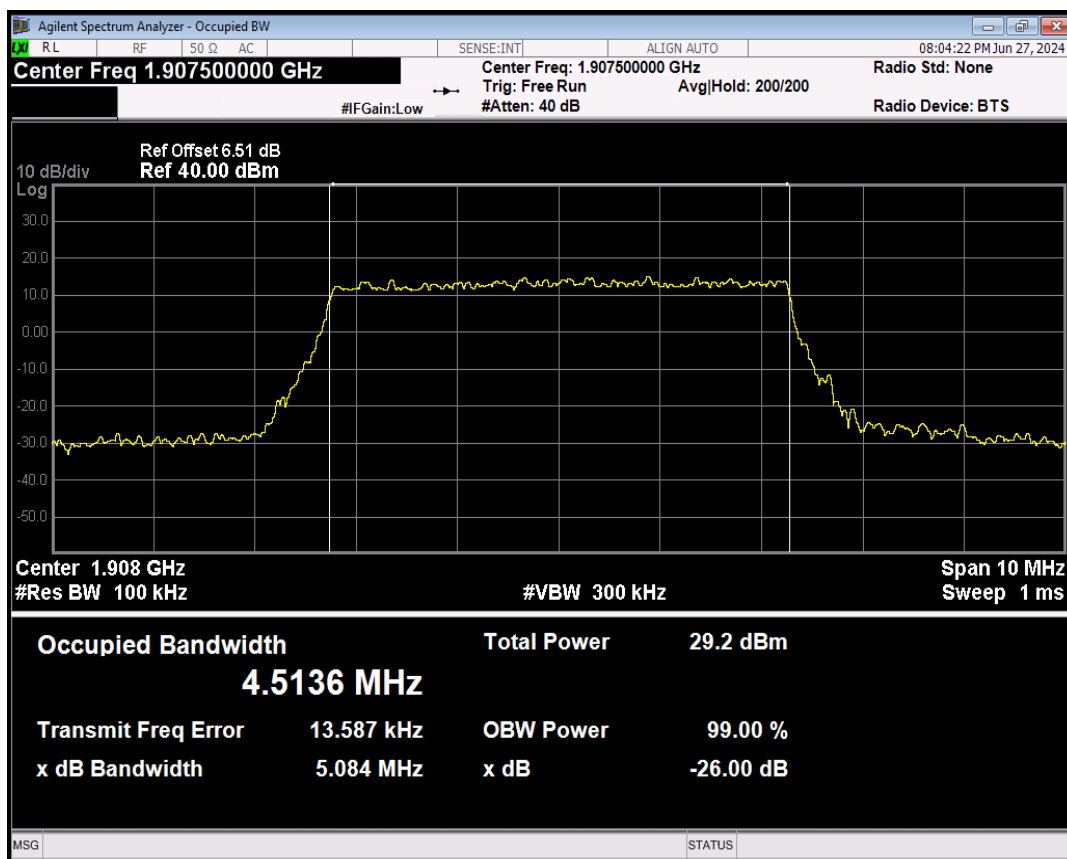


Band2 16QAM BW=5MHz Channel=18900 RB Size=25 Position=#0

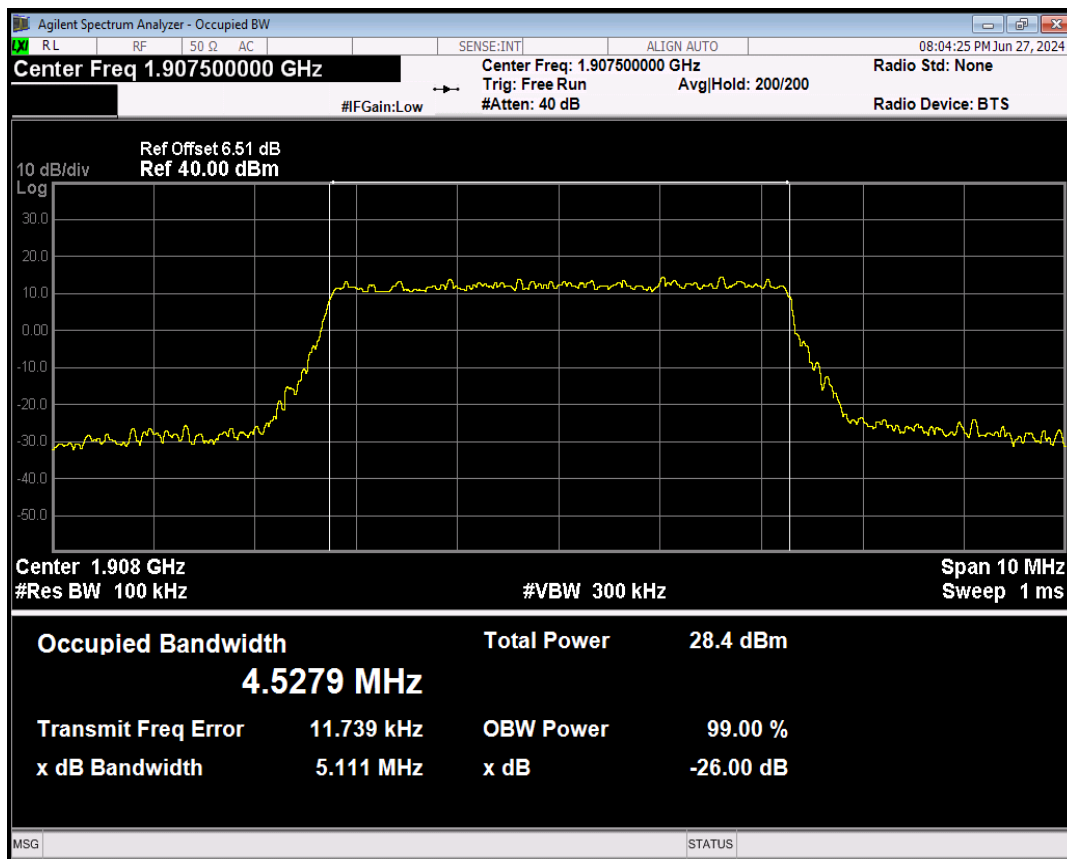




Band2 QPSK BW=5MHz Channel=19175 RB Size=25 Position=#0

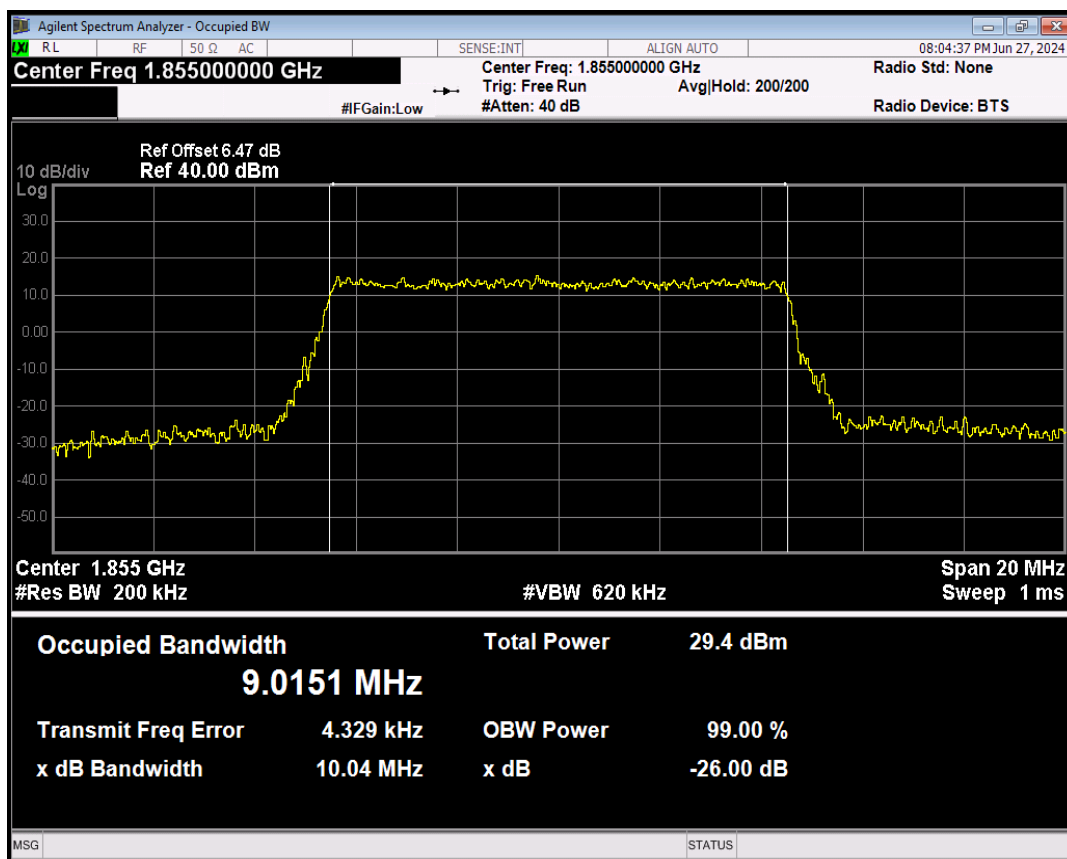


Band2 16QAM BW=5MHz Channel=19175 RB Size=25 Position=#0

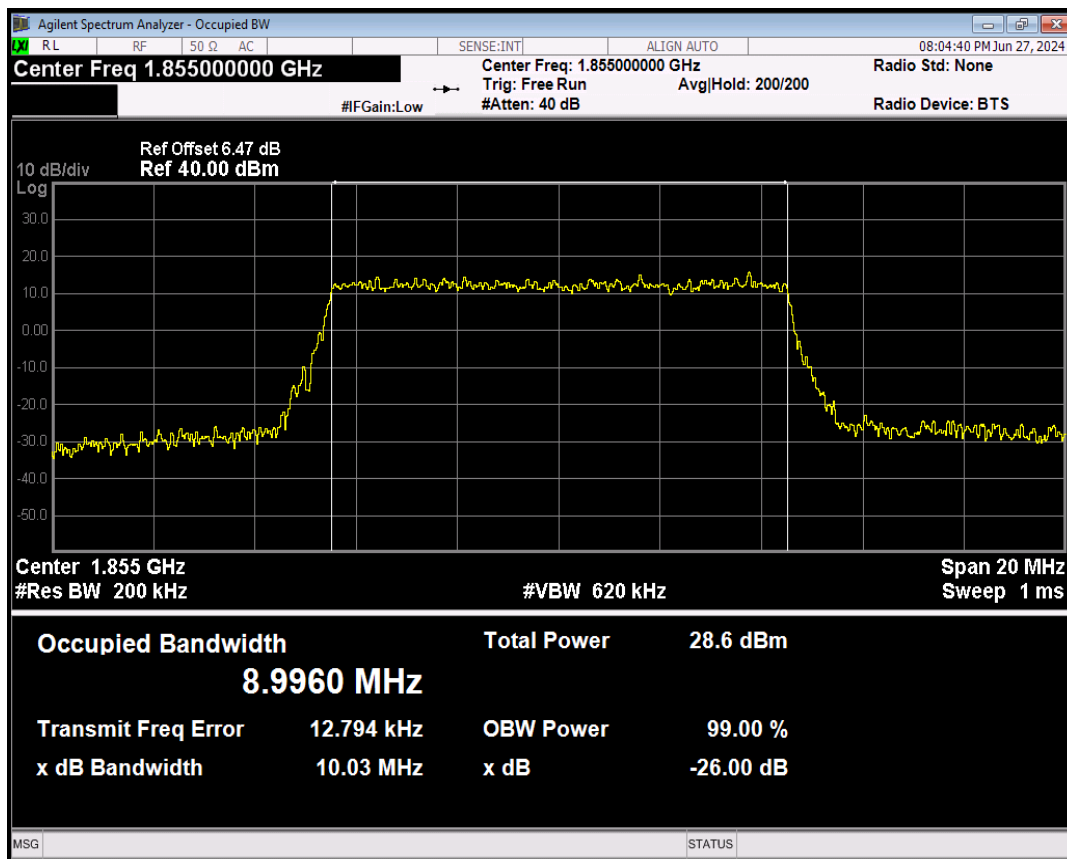




Band2 QPSK BW=10MHz Channel=18650 RB Size=50 Position=#0

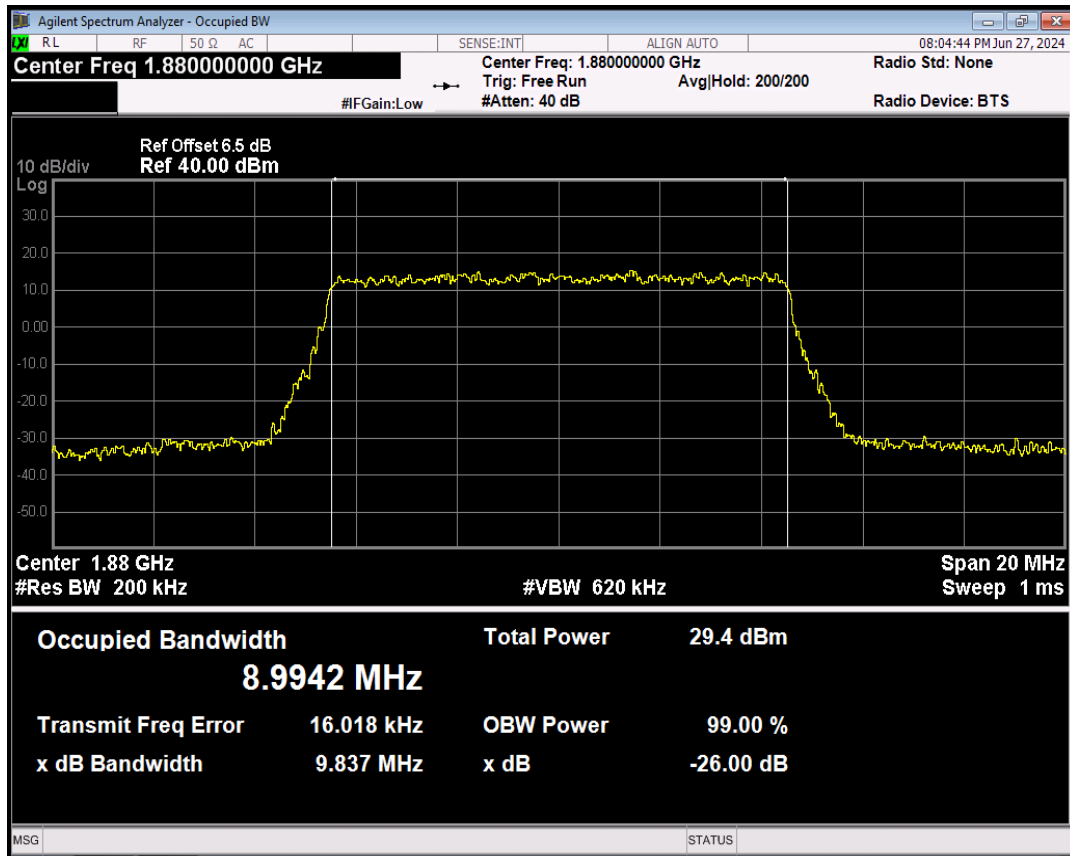


Band2 16QAM BW=10MHz Channel=18650 RB Size=50 Position=#0

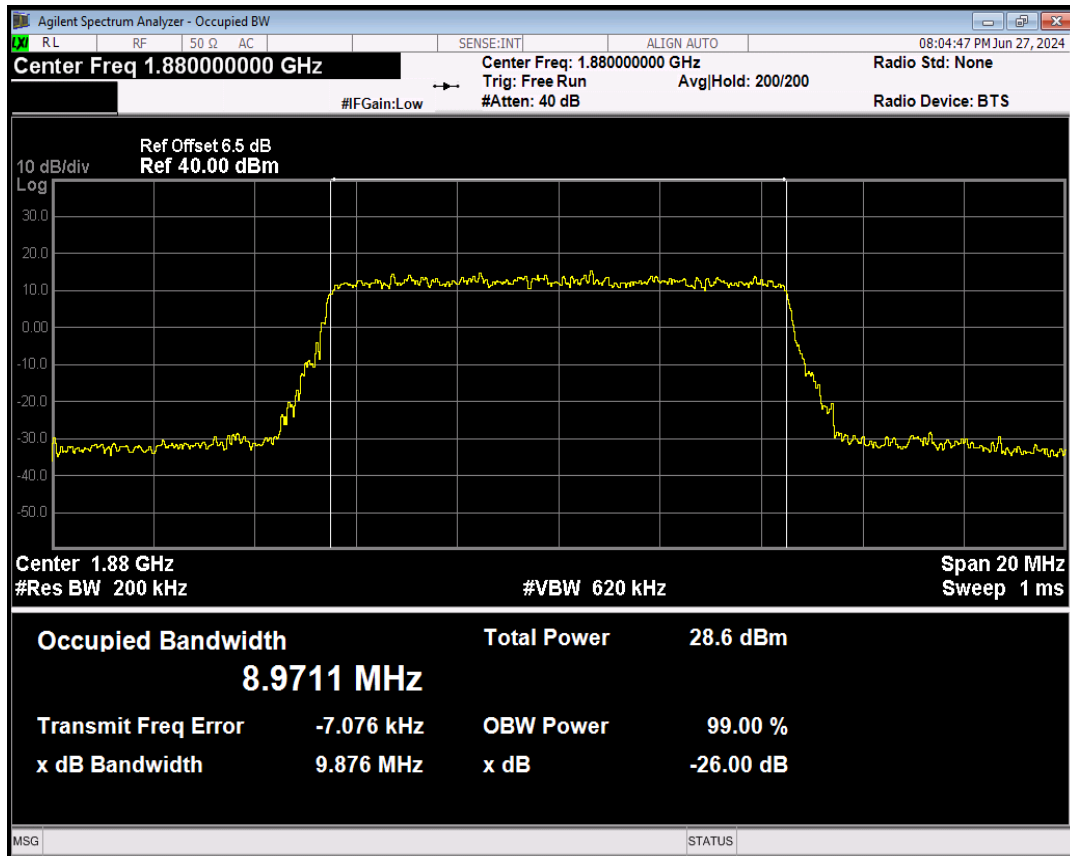




Band2 QPSK BW=10MHz Channel=18900 RB Size=50 Position=#0

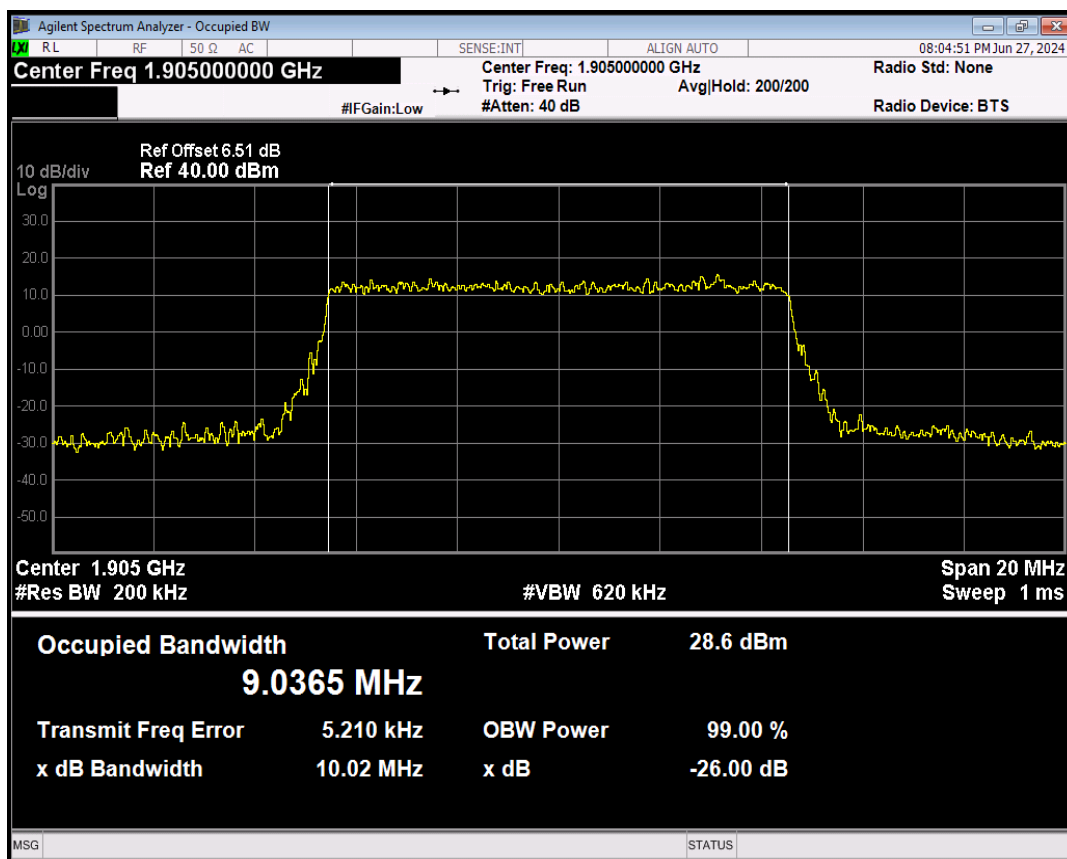


Band2 16QAM BW=10MHz Channel=18900 RB Size=50 Position=#0

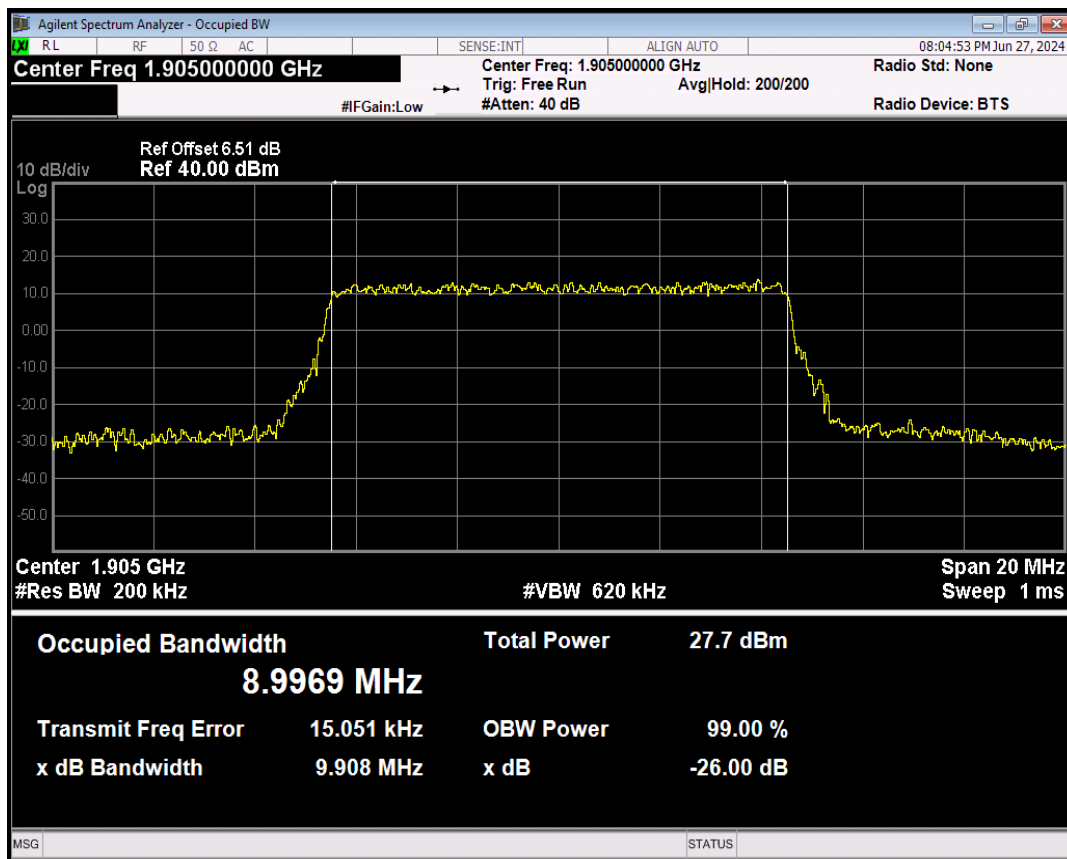




Band2 QPSK BW=10MHz Channel=19150 RB Size=50 Position=#0

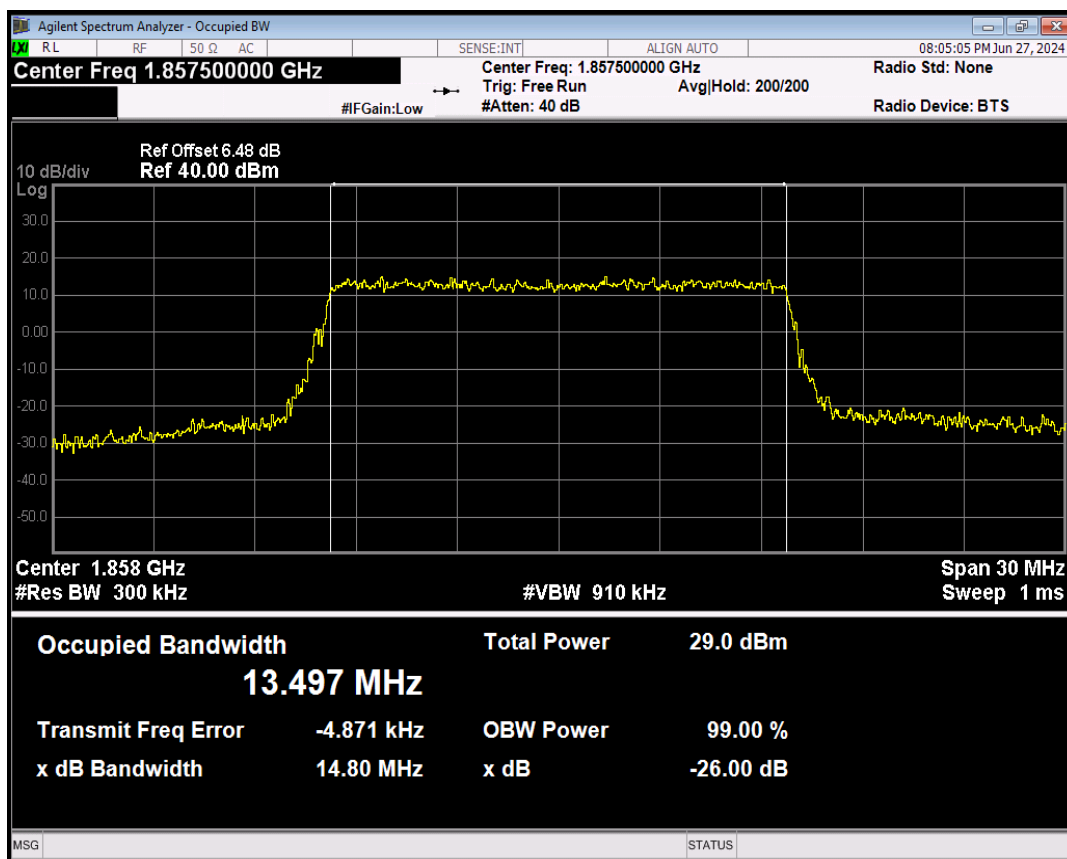


Band2 16QAM BW=10MHz Channel=19150 RB Size=50 Position=#0

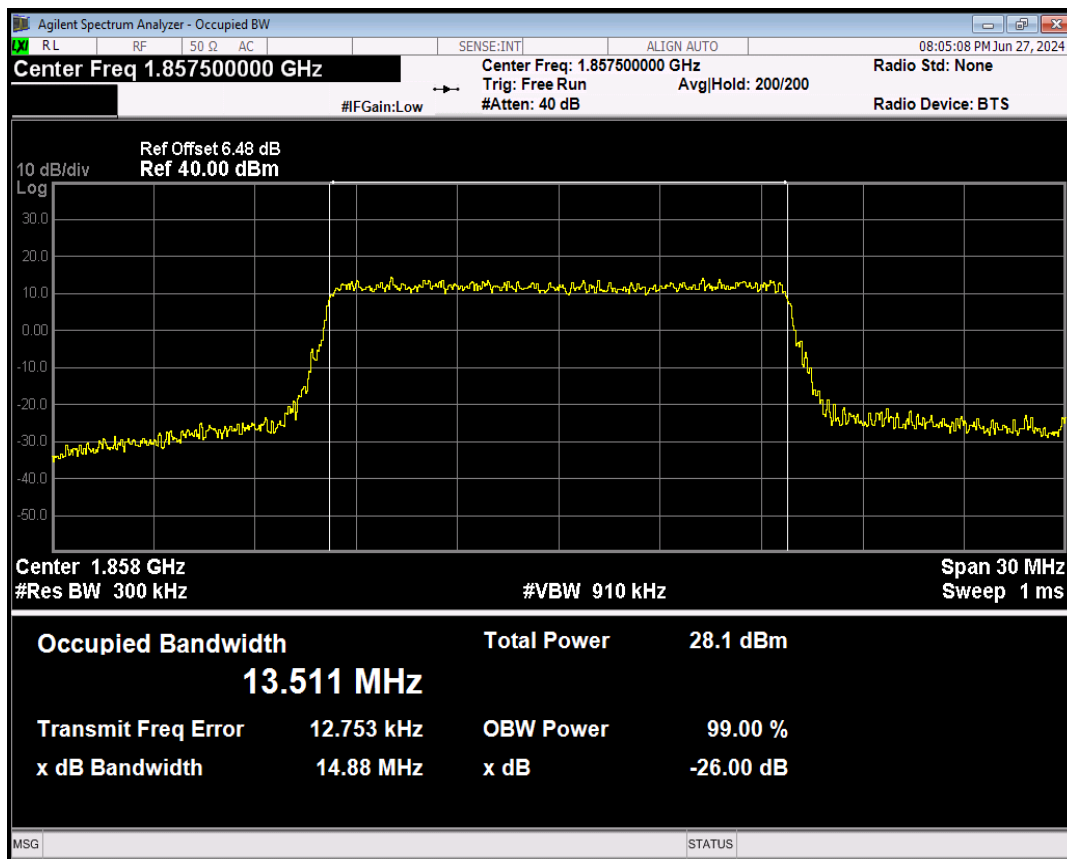




Band2 QPSK BW=15MHz Channel=18675 RB Size=75 Position=#0

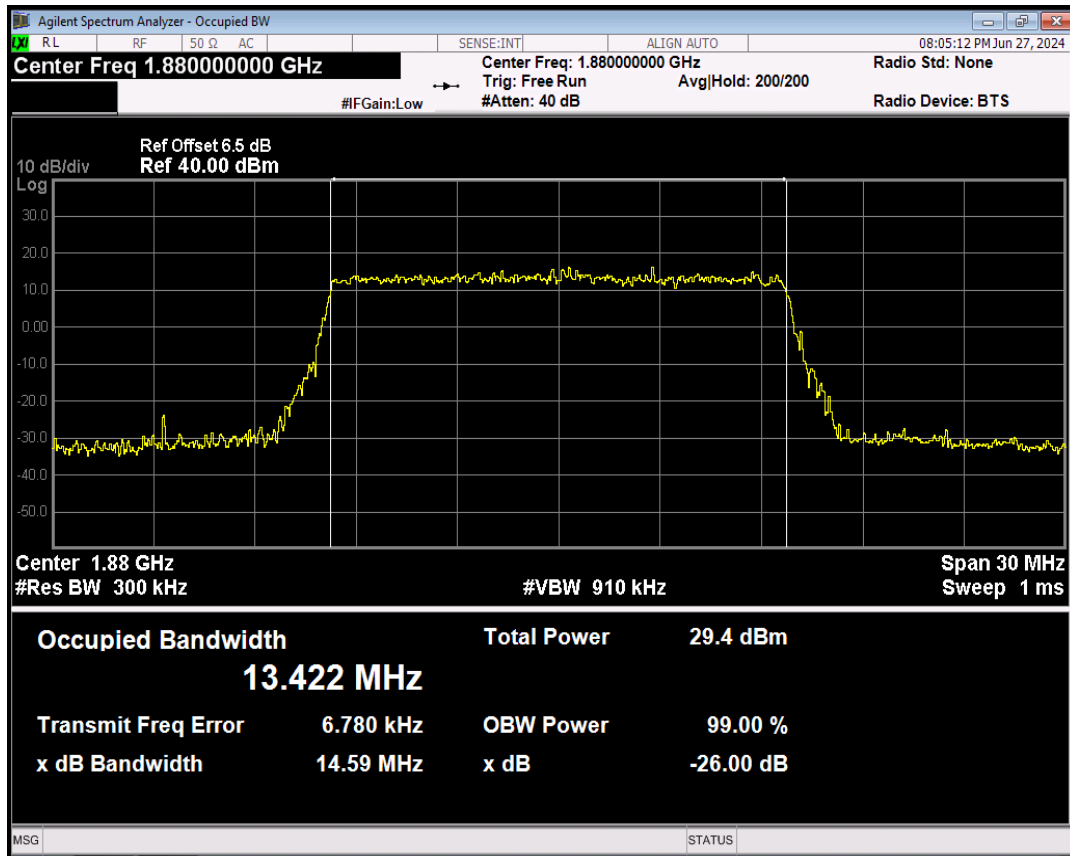


Band2 16QAM BW=15MHz Channel=18675 RB Size=75 Position=#0

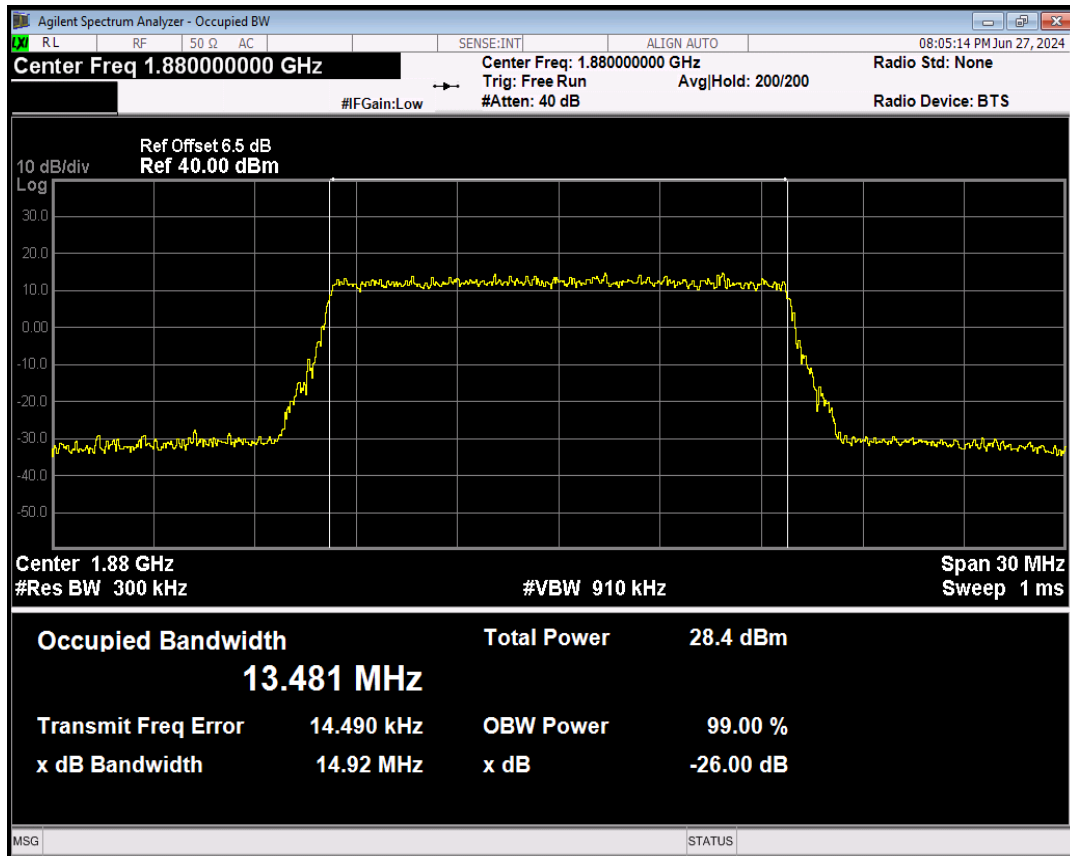




Band2 QPSK BW=15MHz Channel=18900 RB Size=75 Position=#0

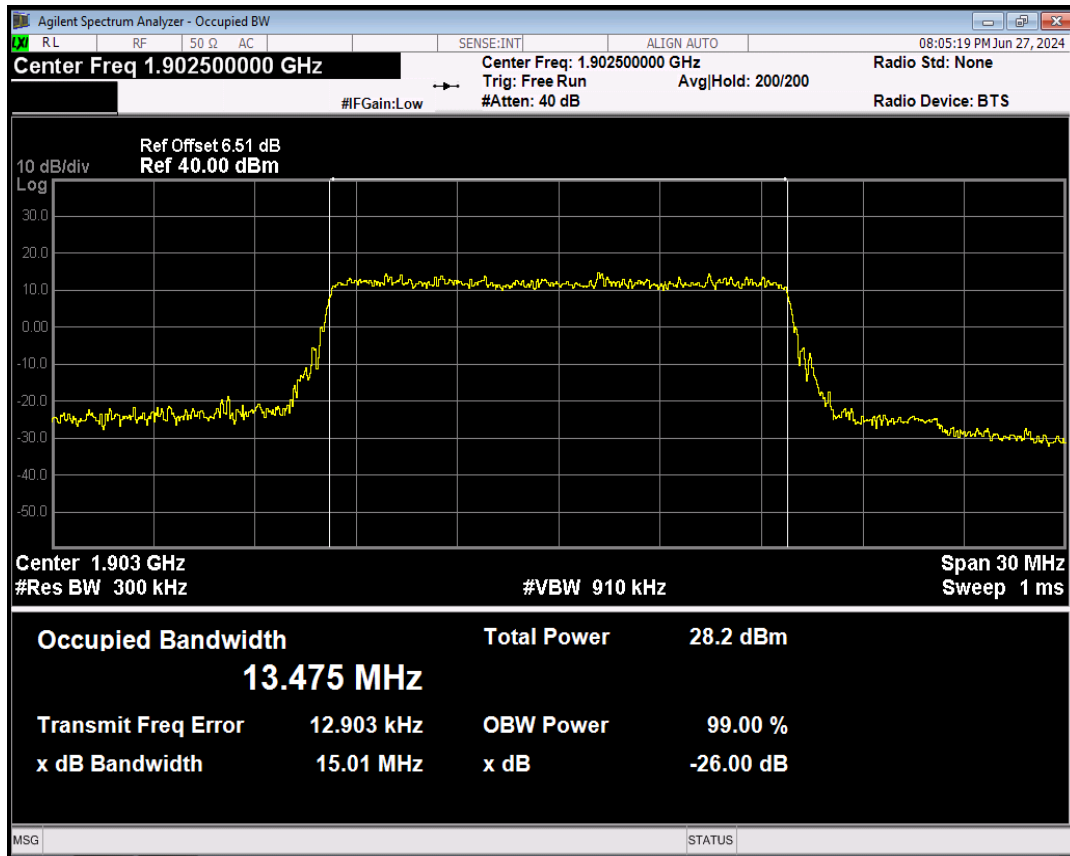


Band2 16QAM BW=15MHz Channel=18900 RB Size=75 Position=#0

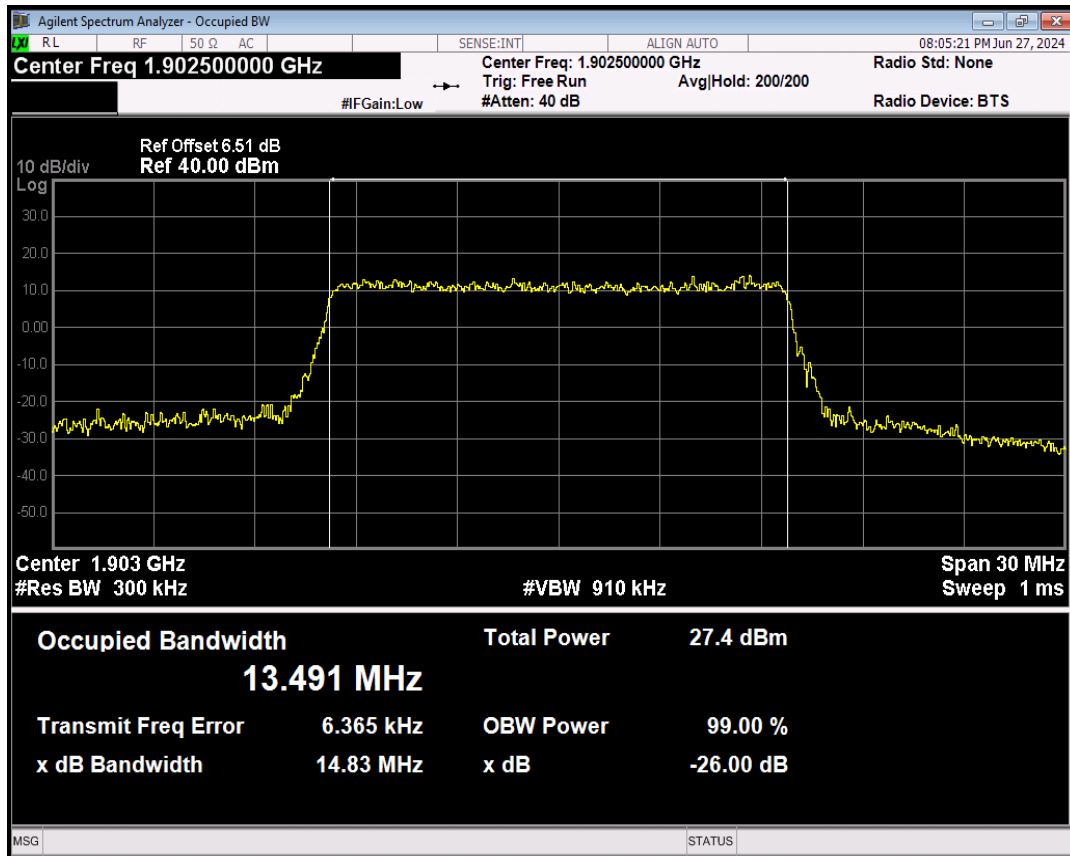




Band2 QPSK BW=15MHz Channel=19125 RB Size=75 Position=#0

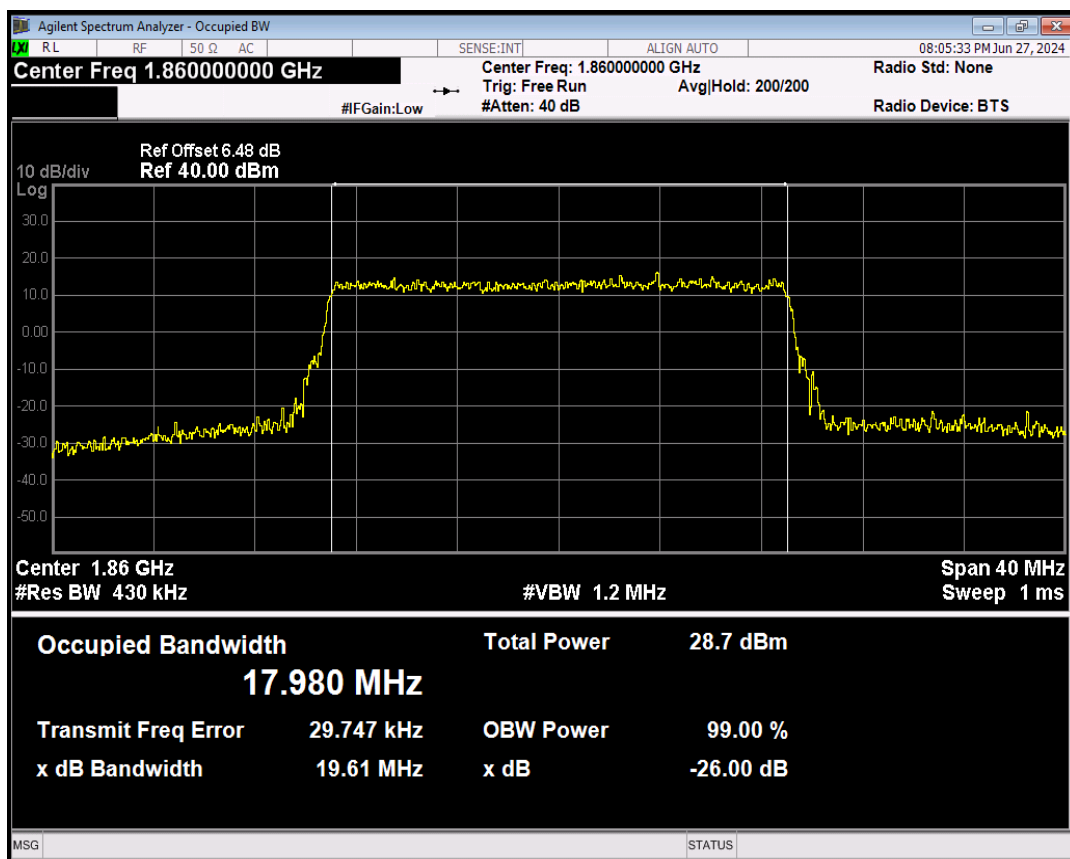


Band2 16QAM BW=15MHz Channel=19125 RB Size=75 Position=#0

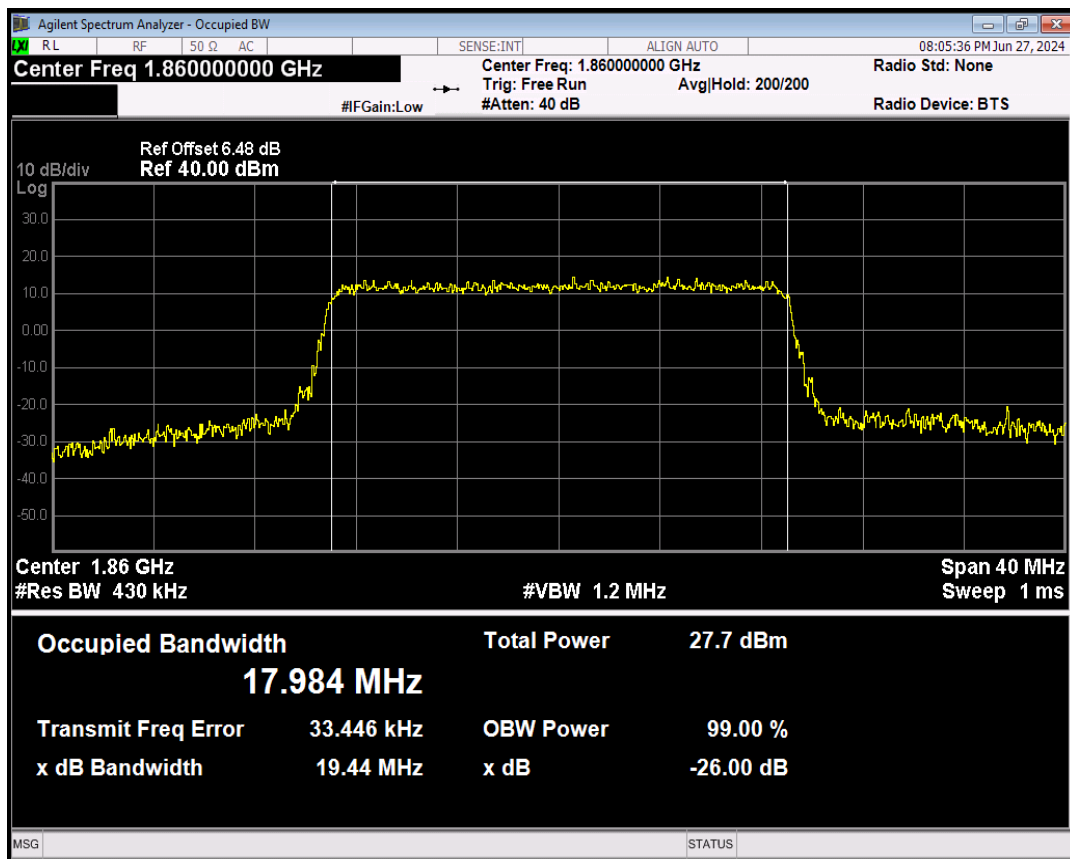




Band2 QPSK BW=20MHz Channel=18700 RB Size=100 Position=#0

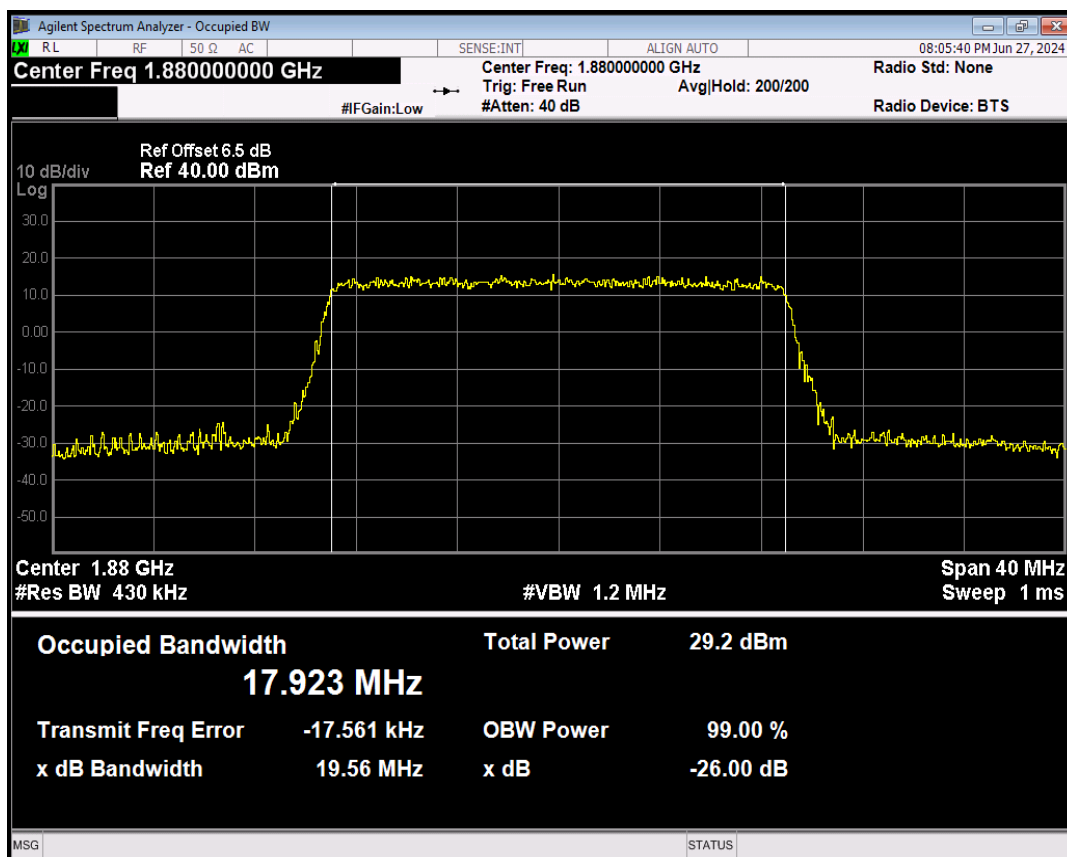


Band2 16QAM BW=20MHz Channel=18700 RB Size=100 Position=#0

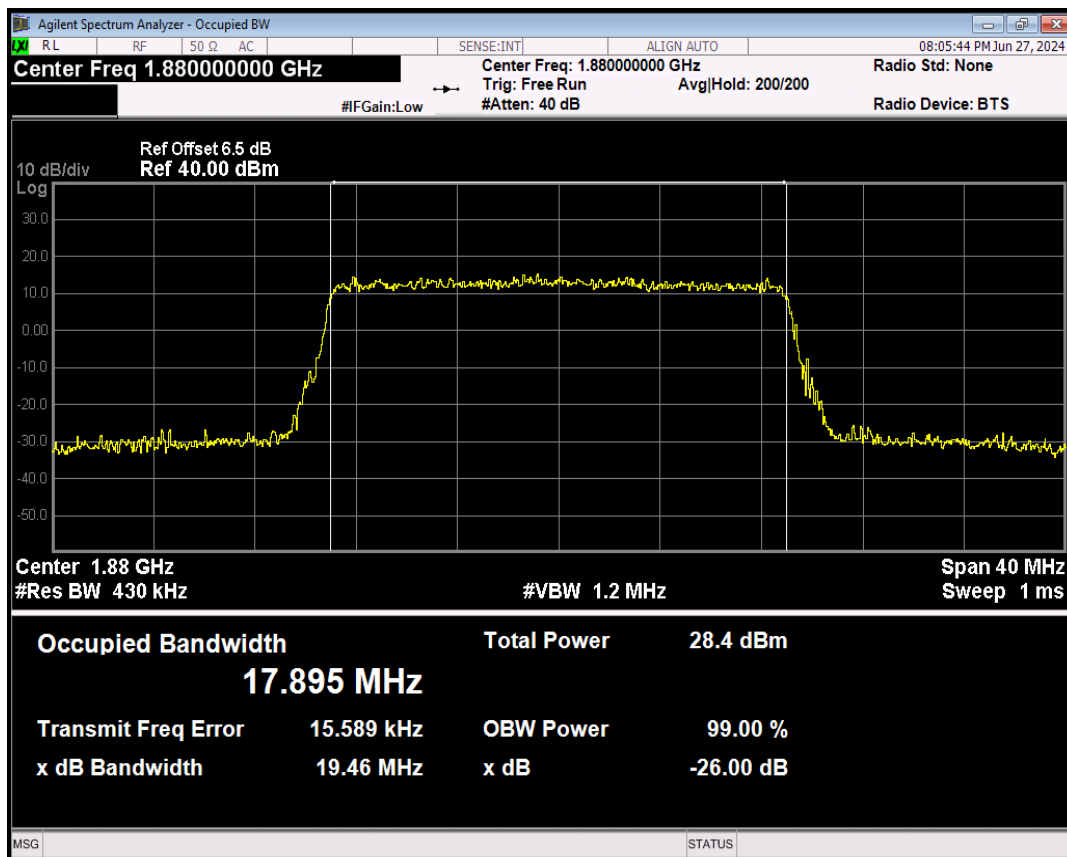




Band2 QPSK BW=20MHz Channel=18900 RB Size=100 Position=#0

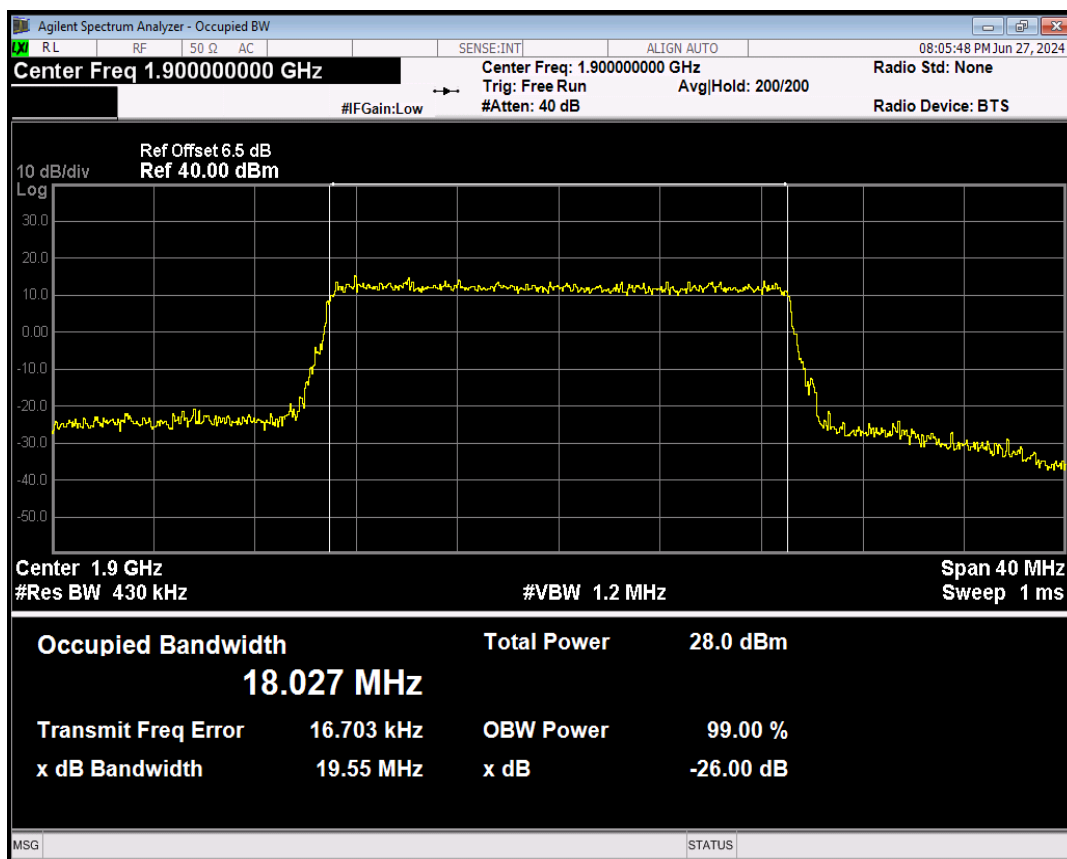


Band2 16QAM BW=20MHz Channel=18900 RB Size=100 Position=#0

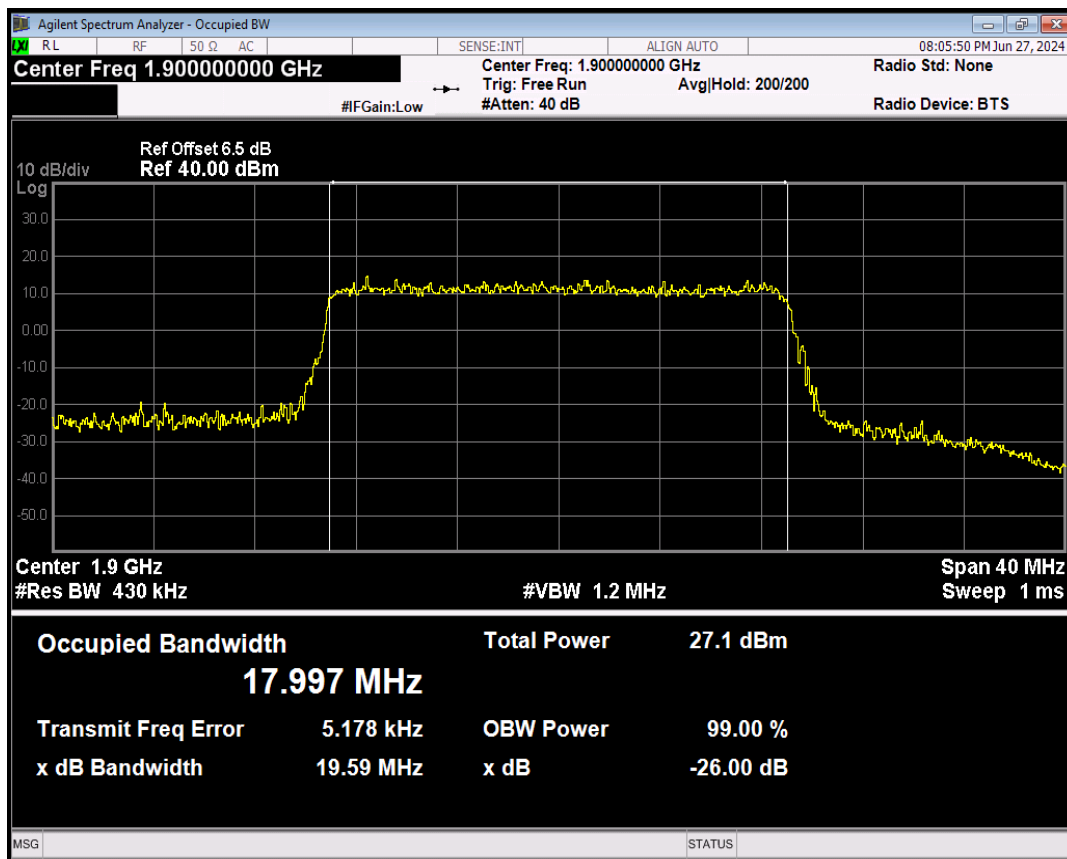




Band2 QPSK BW=20MHz Channel=19100 RB Size=100 Position=#0



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



Appendix 5. Band edge

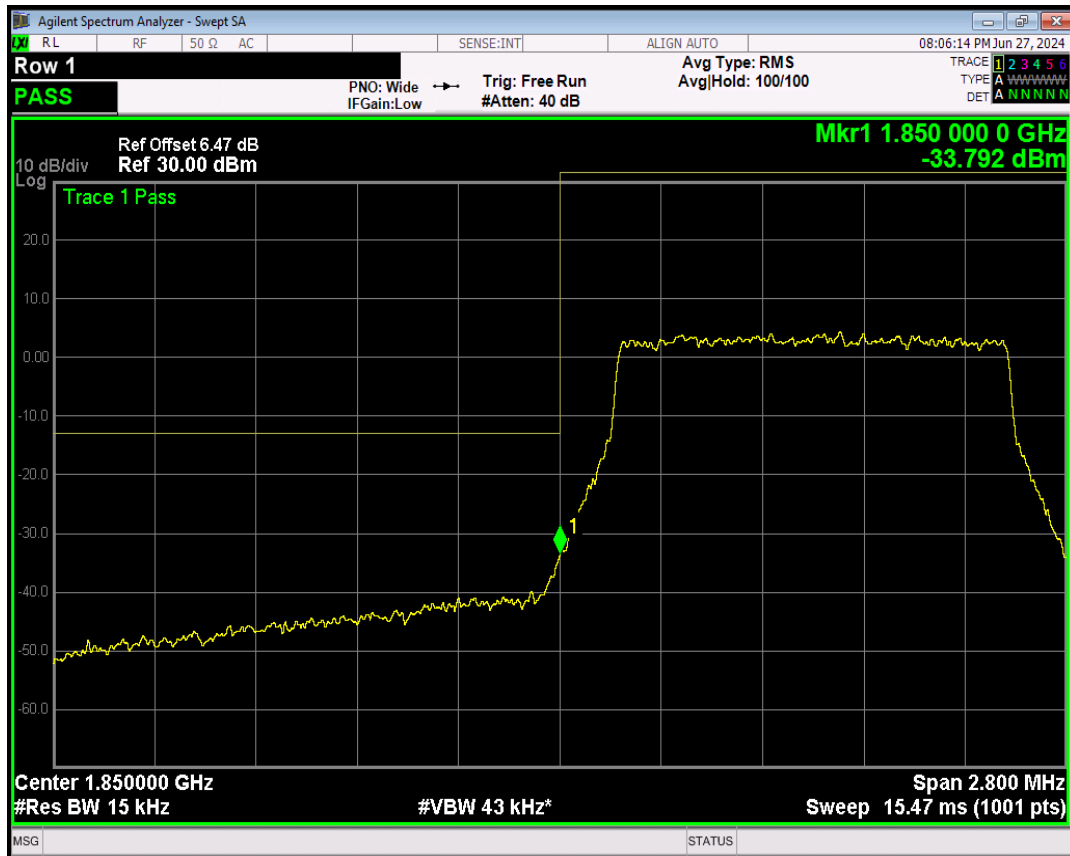
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band2	1.4	18607	6	#0	QPSK	1850.00	-33.39	-13	PASS
Band2	1.4	18607	6	#0	16QAM	1850.00	-33.79	-13	PASS
Band2	1.4	19193	6	#0	QPSK	1910.01	-31.90	-13	PASS
Band2	1.4	19193	6	#0	16QAM	1910.00	-32.12	-13	PASS
Band2	3	18615	15	#0	QPSK	1850.00	-34.44	-13	PASS
Band2	3	18615	15	#0	16QAM	1850.00	-35.70	-13	PASS
Band2	3	19185	15	#0	QPSK	1910.00	-33.06	-13	PASS
Band2	3	19185	15	#0	16QAM	1910.00	-34.11	-13	PASS
Band2	5	18625	25	#0	QPSK	1849.95	-27.99	-13	PASS
Band2	5	18625	25	#0	16QAM	1850.00	-27.48	-13	PASS
Band2	5	19175	25	#0	QPSK	1910.01	-27.21	-13	PASS
Band2	5	19175	25	#0	16QAM	1910.02	-28.32	-13	PASS
Band2	10	18650	50	#0	QPSK	1850.00	-31.24	-13	PASS
Band2	10	18650	50	#0	16QAM	1849.88	-33.30	-13	PASS
Band2	10	19150	50	#0	QPSK	1910.00	-29.54	-13	PASS
Band2	10	19150	50	#0	16QAM	1910.00	-32.32	-13	PASS
Band2	15	18675	75	#0	QPSK	1849.97	-32.70	-13	PASS
Band2	15	18675	75	#0	16QAM	1850.00	-31.98	-13	PASS
Band2	15	19125	75	#0	QPSK	1910.03	-32.03	-13	PASS
Band2	15	19125	75	#0	16QAM	1910.09	-34.51	-13	PASS
Band2	20	18700	100	#0	QPSK	1849.84	-34.32	-13	PASS
Band2	20	18700	100	#0	16QAM	1849.84	-36.88	-13	PASS
Band2	20	19100	100	#0	QPSK	1910.00	-34.47	-13	PASS
Band2	20	19100	100	#0	16QAM	1910.04	-37.16	-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

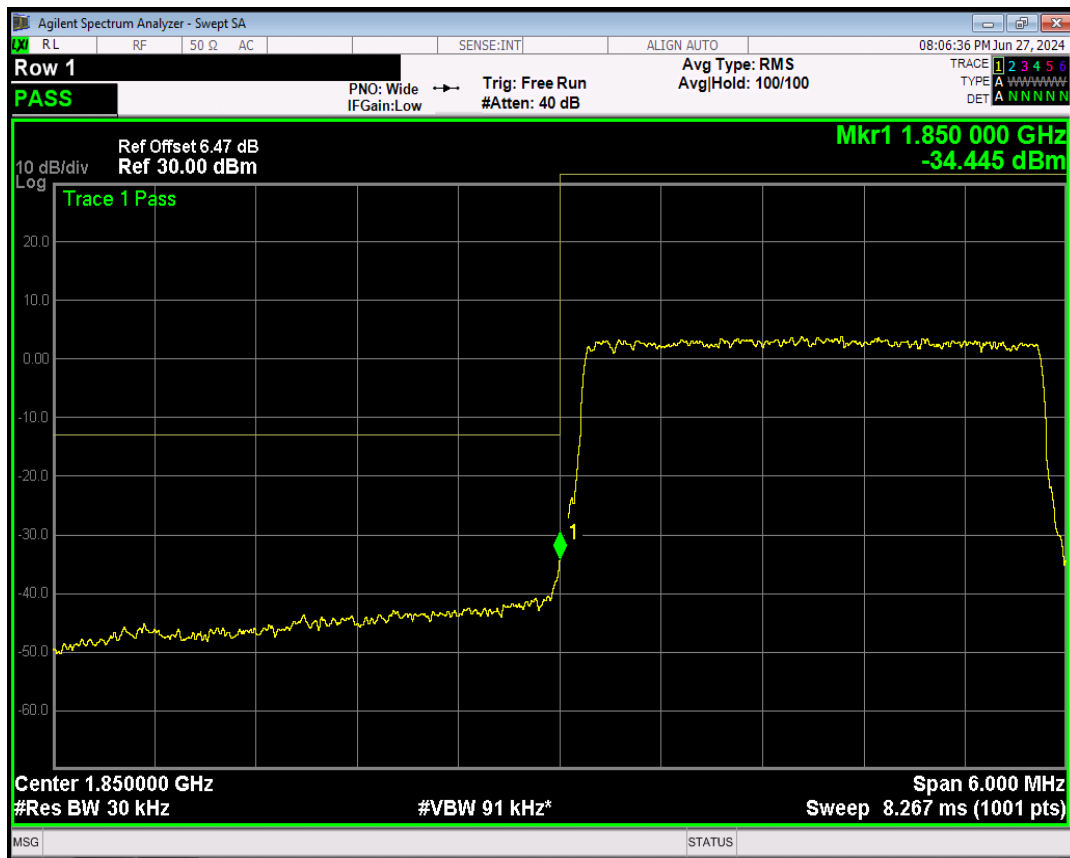


Band2 16QAM BW=1.4MHz Channel=19193 RB Size=6 Position=#0

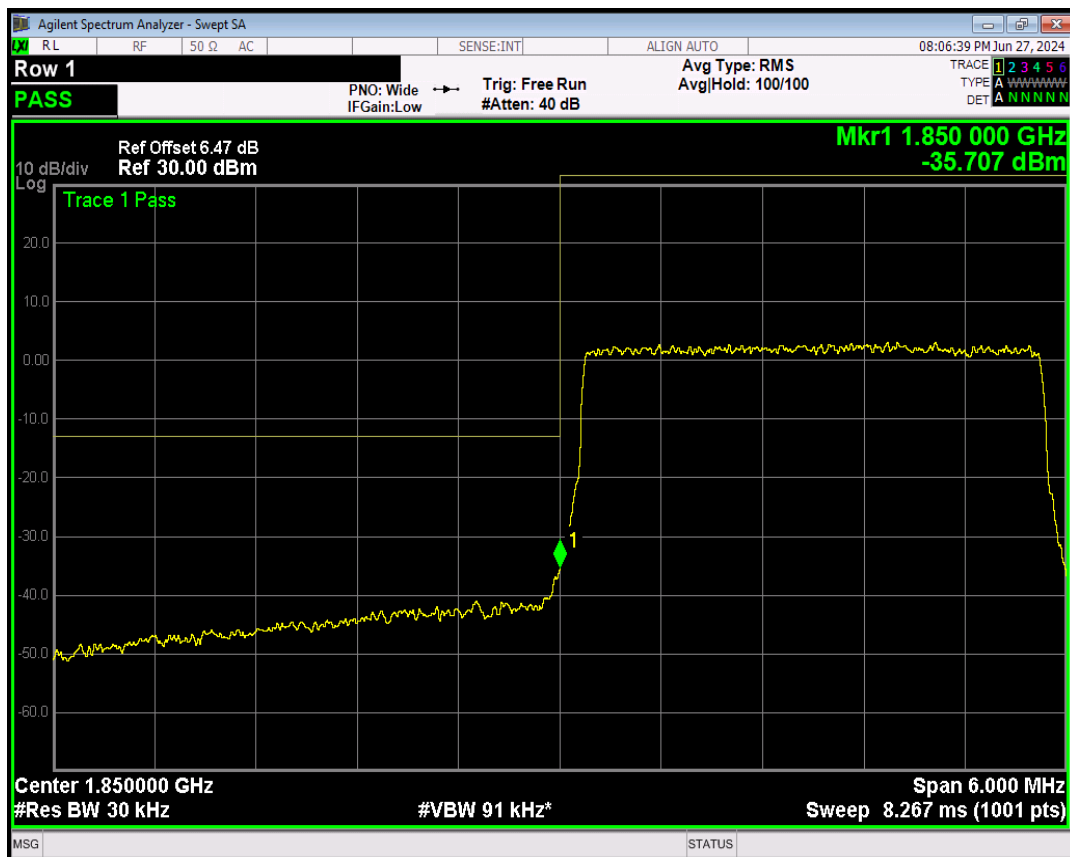




Band2 QPSK BW=3MHz Channel=18615 RB Size=15 Position=#0

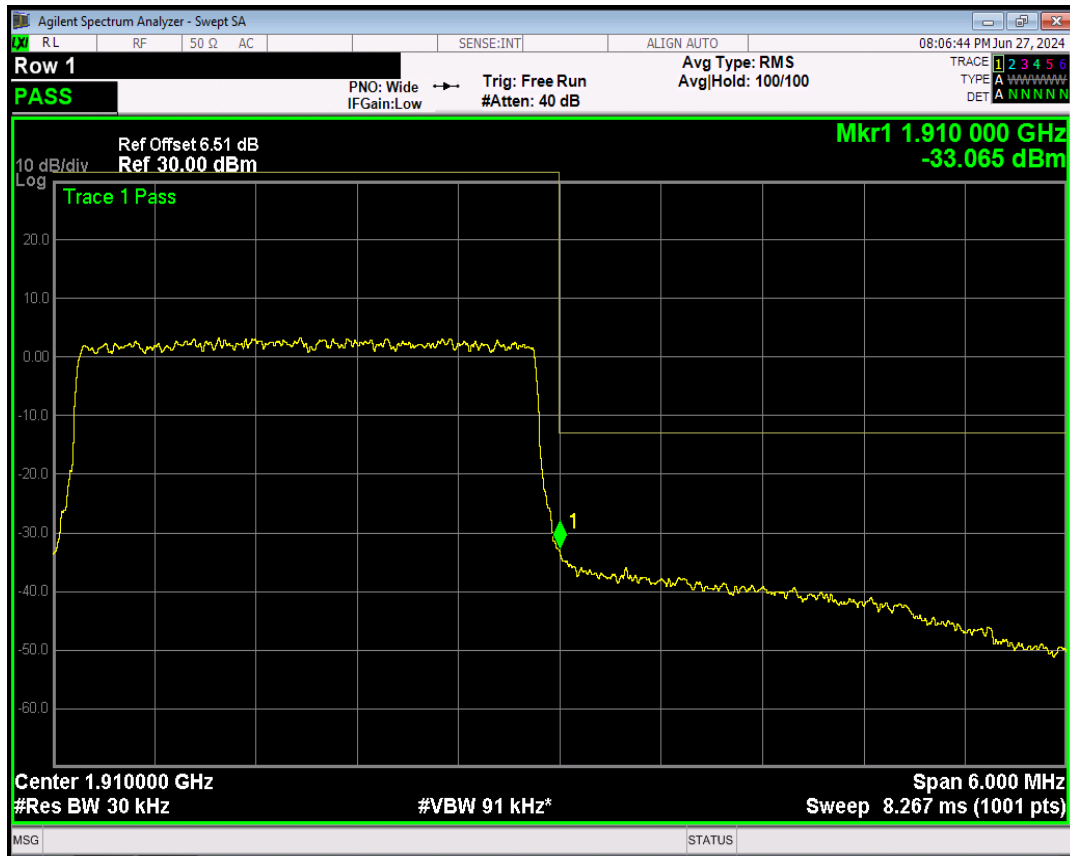


Band2 16QAM BW=3MHz Channel=18615 RB Size=15 Position=#0

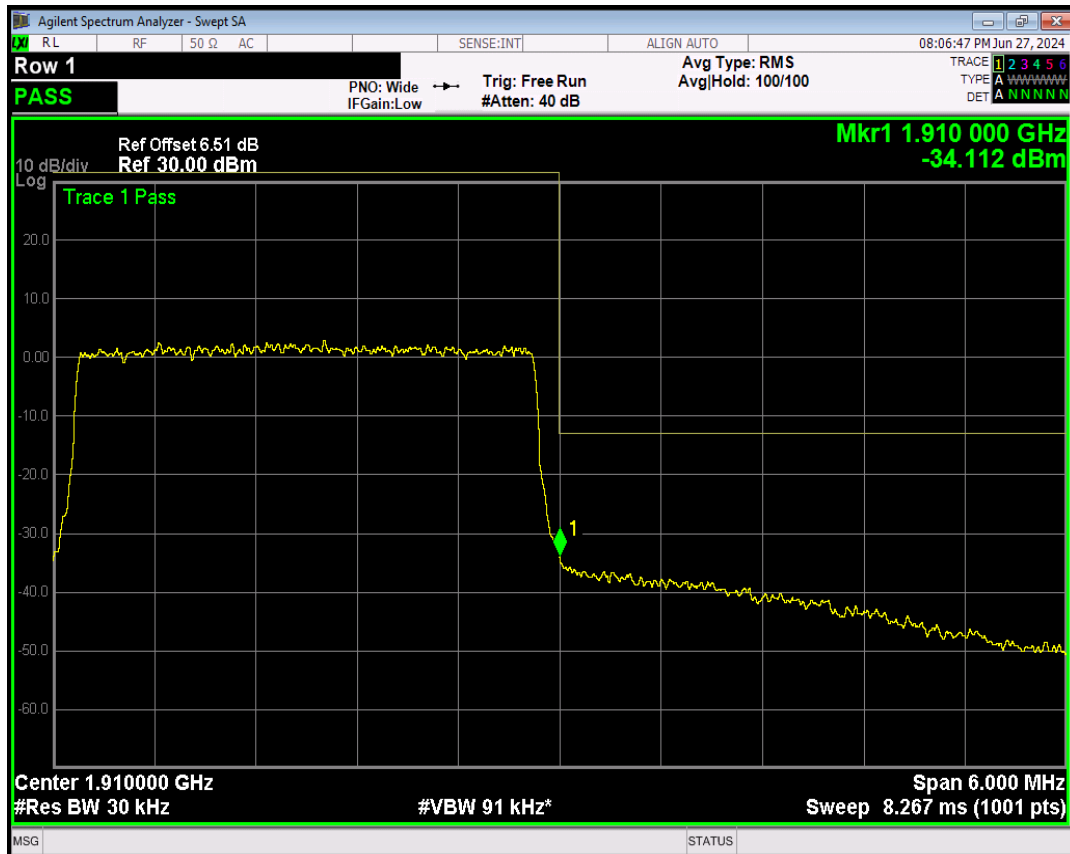




Band2 QPSK BW=3MHz Channel=19185 RB Size=15 Position=#0

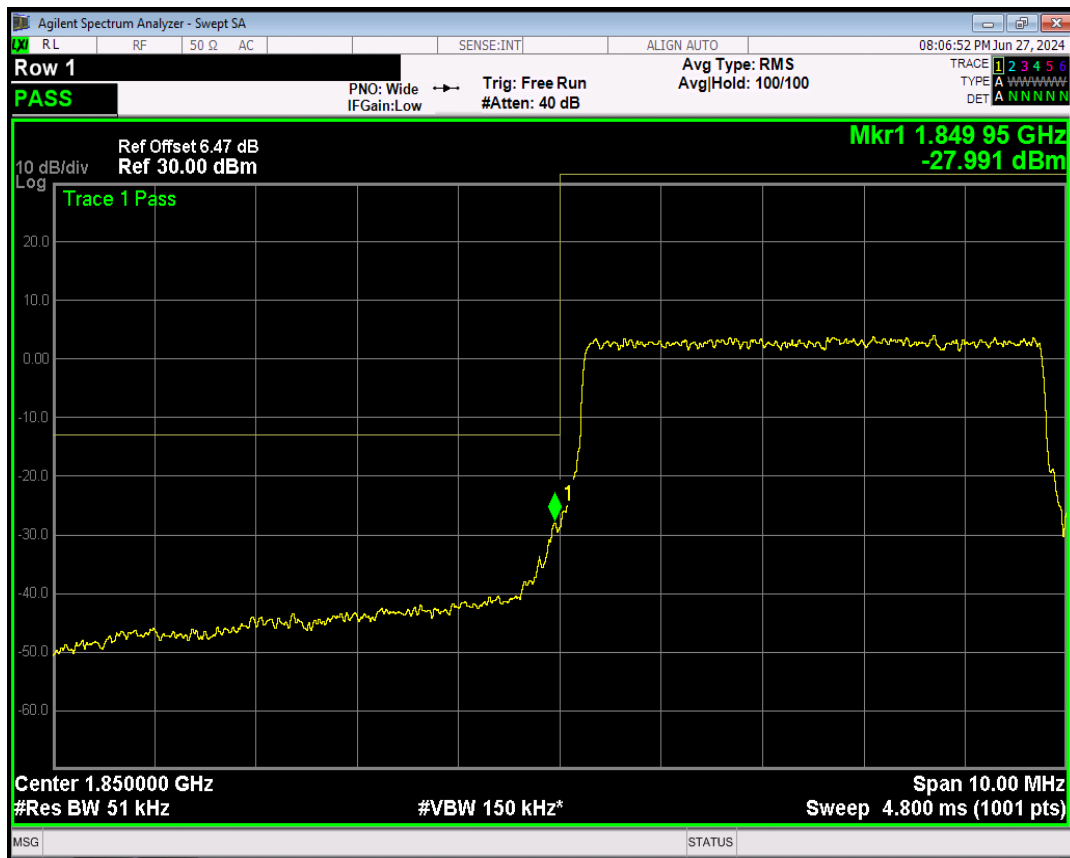


Band2 16QAM BW=3MHz Channel=19185 RB Size=15 Position=#0

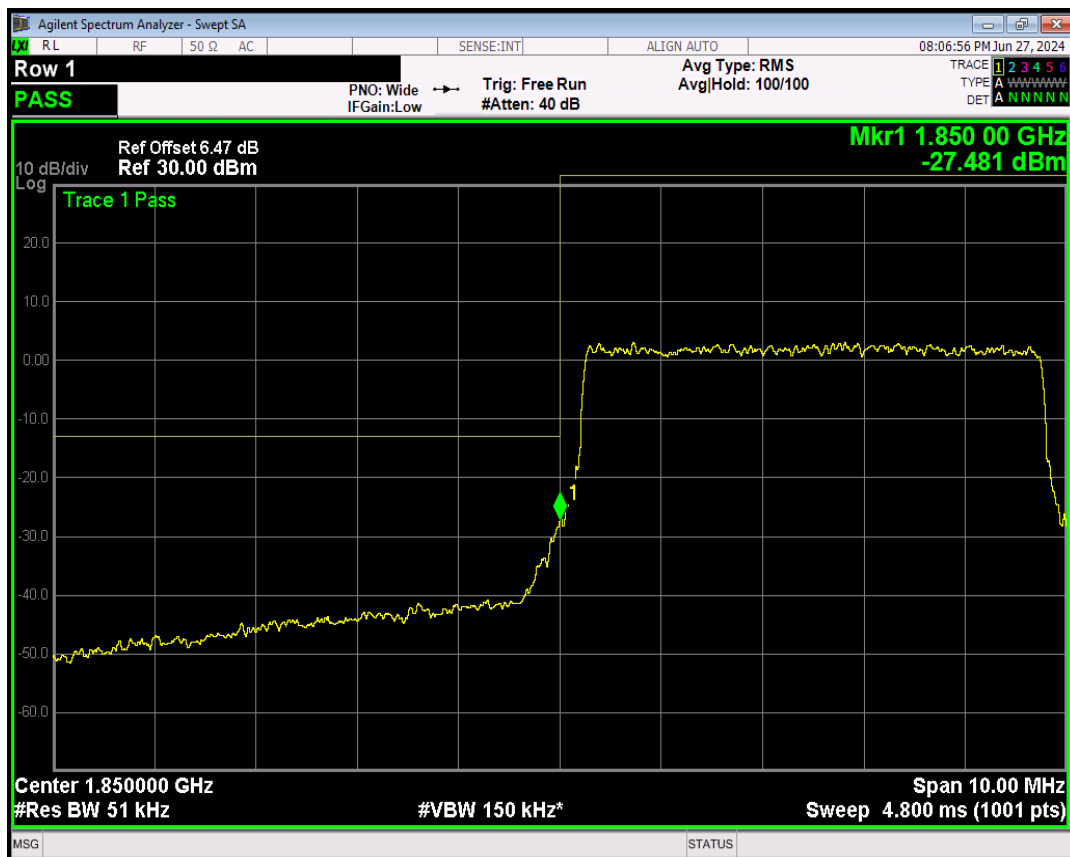




Band2 QPSK BW=5MHz Channel=18625 RB Size=25 Position=#0



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





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

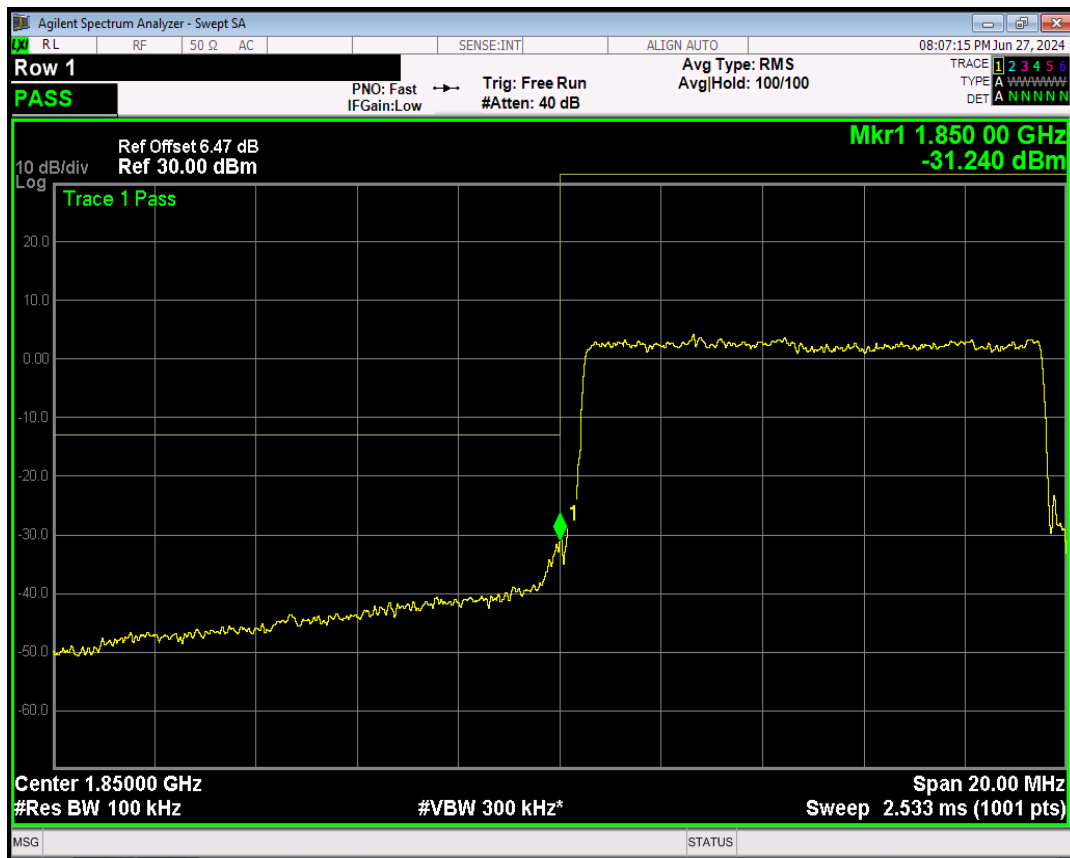


Band2 16QAM BW=5MHz Channel=19175 RB Size=25 Position=#0

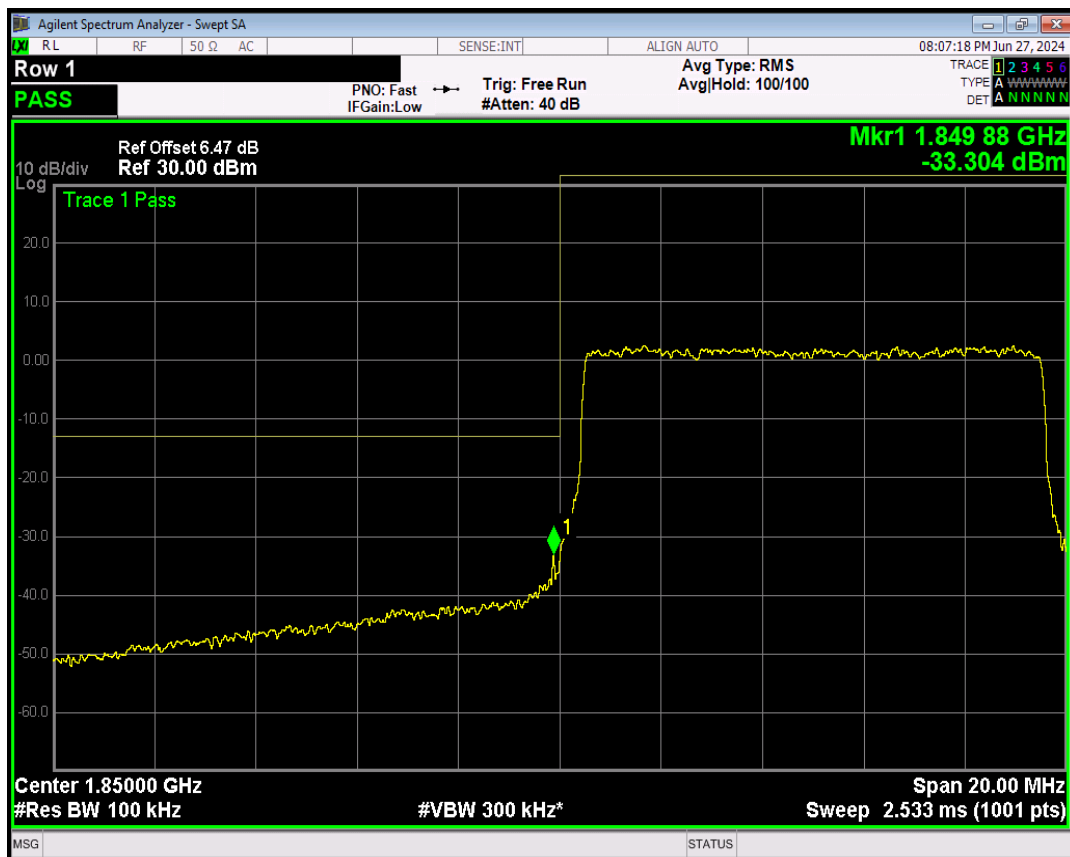




Band2 QPSK BW=10MHz Channel=18650 RB Size=50 Position=#0



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





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

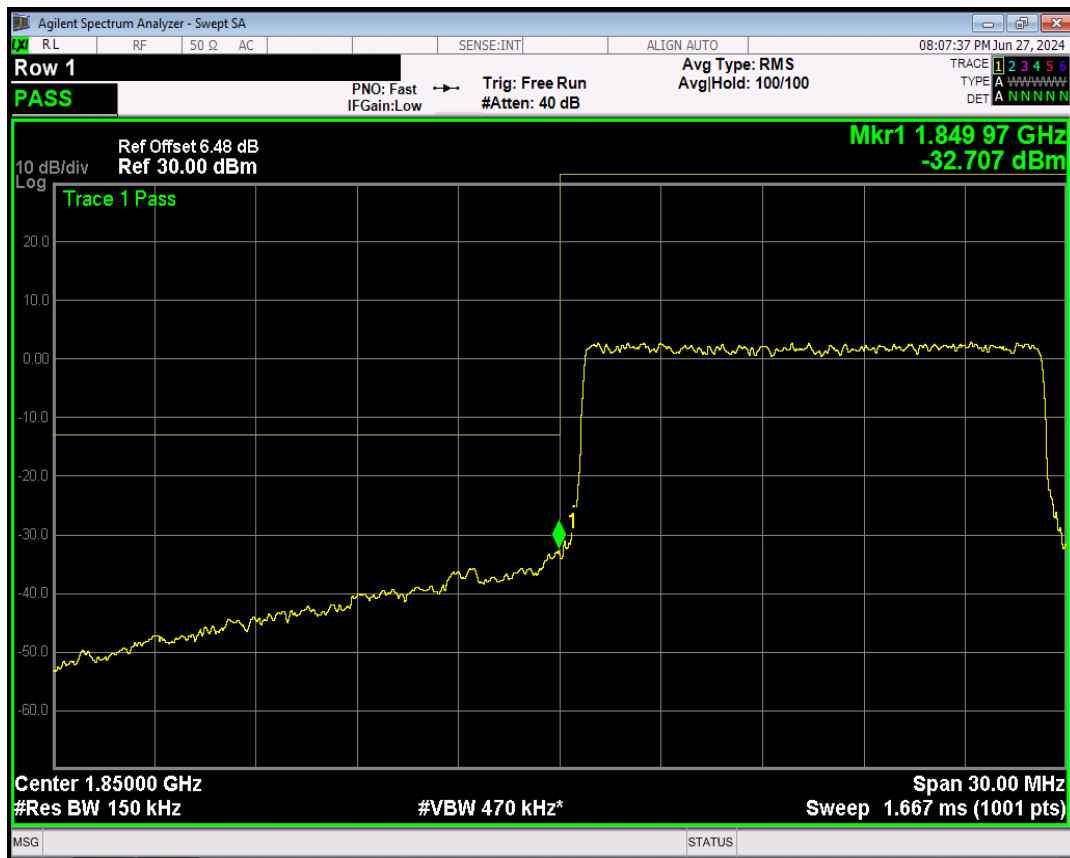


Band2 16QAM BW=10MHz Channel=19150 RB Size=50 Position=#0

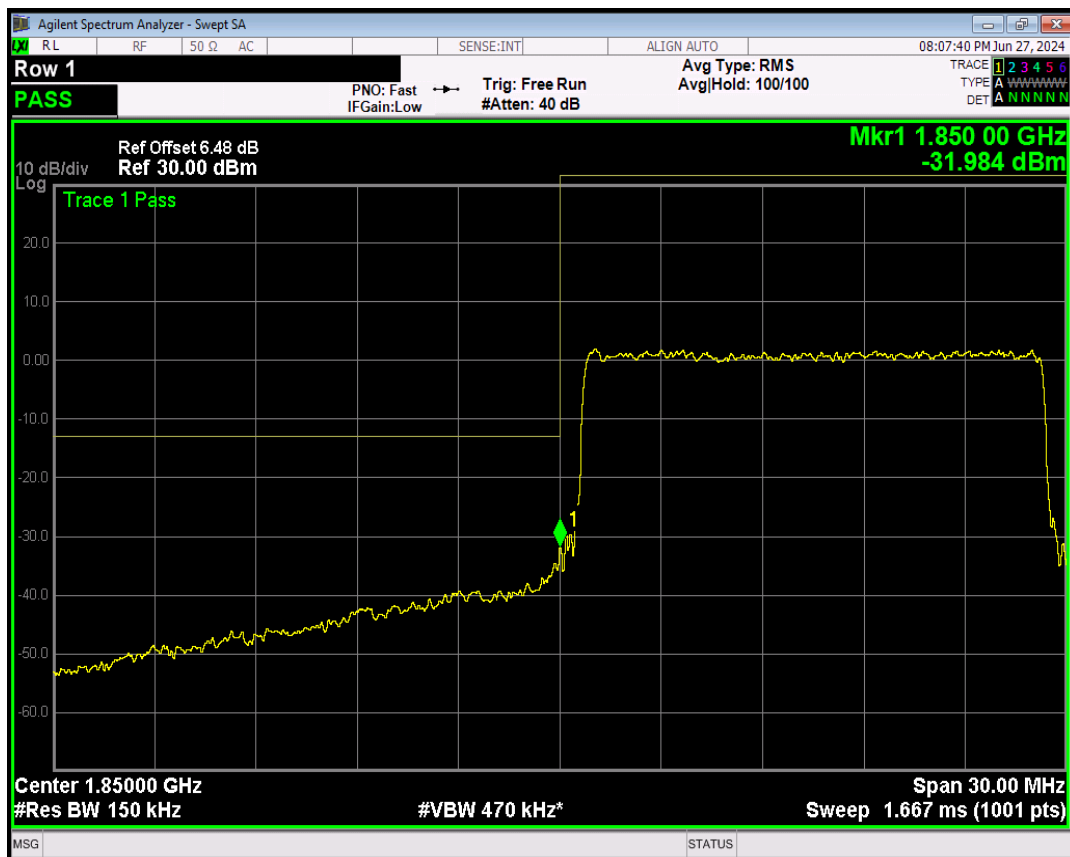




Band2 QPSK BW=15MHz Channel=18675 RB Size=75 Position=#0



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





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

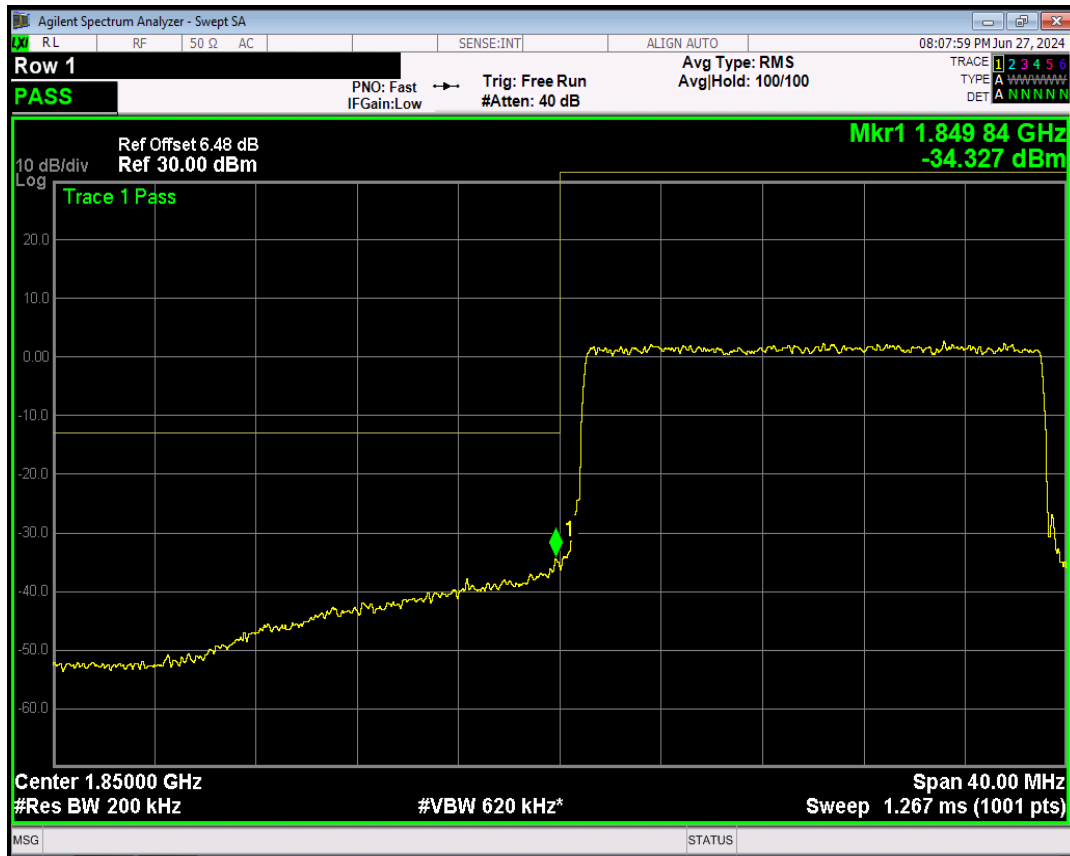


Band2 16QAM BW=15MHz Channel=19125 RB Size=75 Position=#0

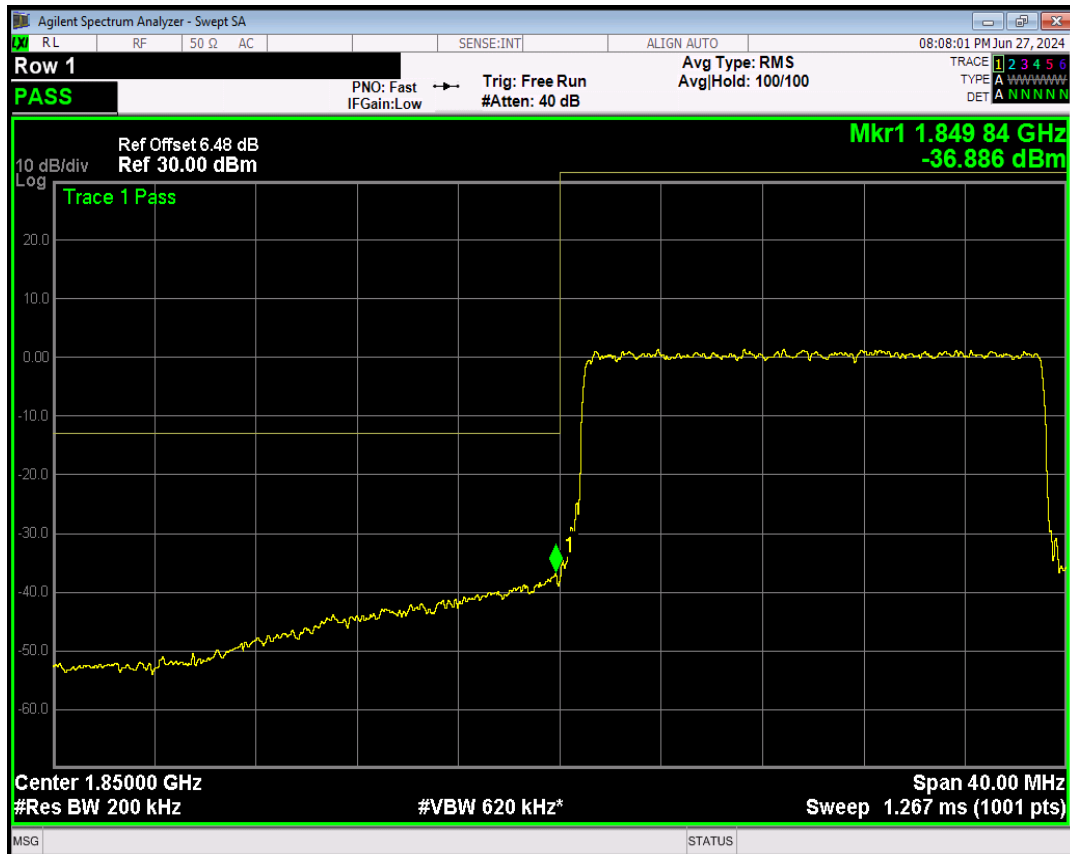




Band2 QPSK BW=20MHz Channel=18700 RB Size=100 Position=#0

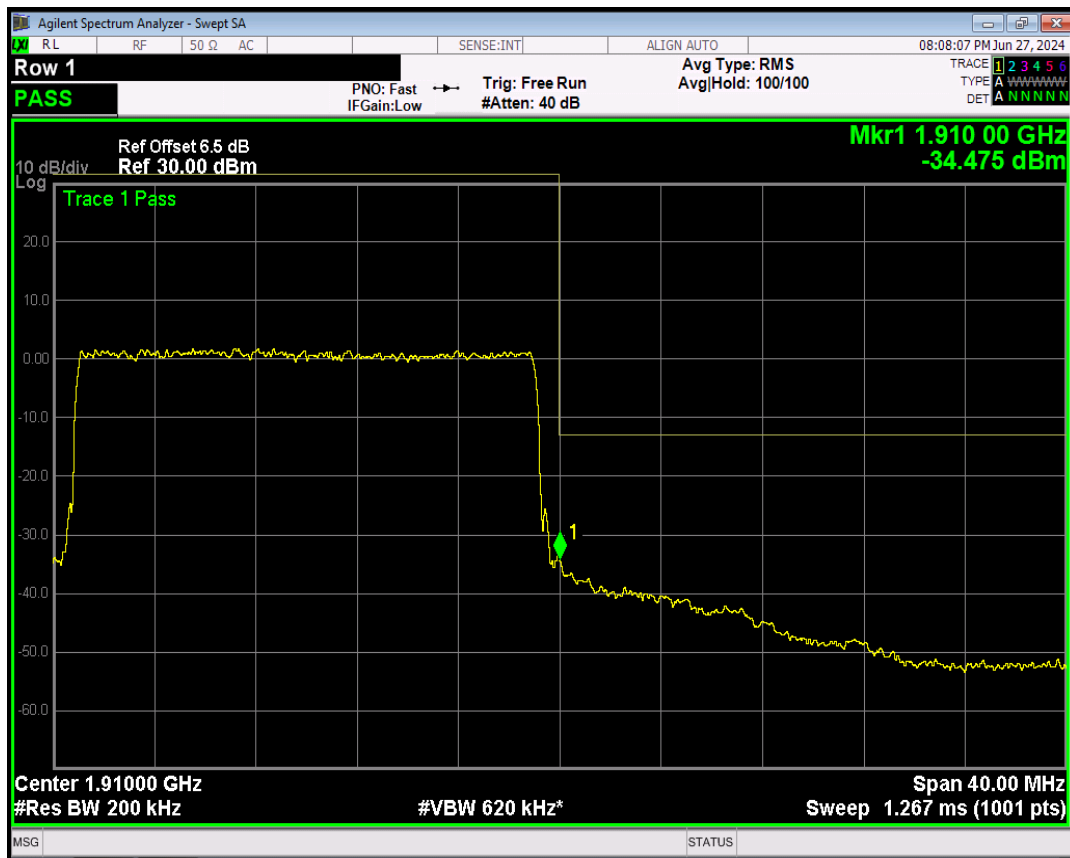


Band2 16QAM BW=20MHz Channel=18700 RB Size=100 Position=#0

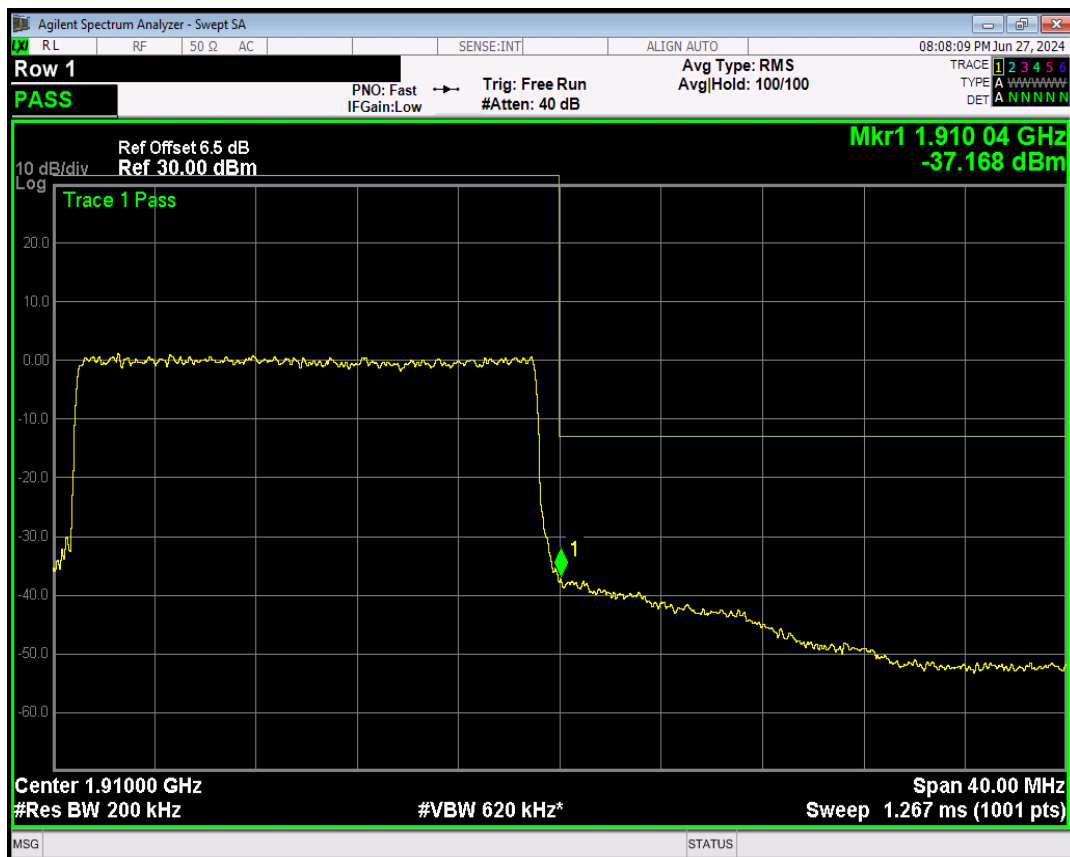




Band2 QPSK BW=20MHz Channel=19100 RB Size=100 Position=#0



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

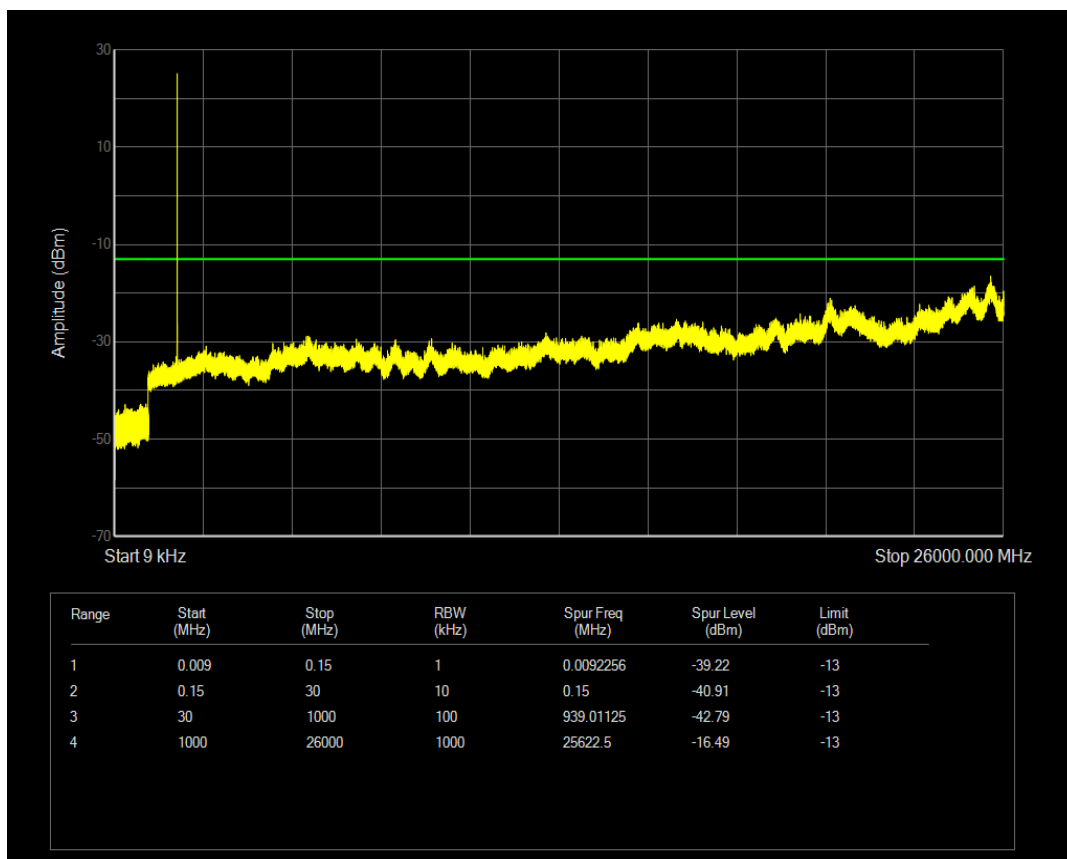


Appendix 6. Out-of-band emissions

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	25622.50	-16.49	-13	PASS
Band2	1.4	18607	6	#0	16QAM	25625.63	-17.16	-13	PASS
Band2	1.4	18900	6	#0	QPSK	25596.25	-15.68	-13	PASS
Band2	1.4	18900	6	#0	16QAM	25623.75	-16.33	-13	PASS
Band2	1.4	19193	6	#0	QPSK	25586.25	-16.48	-13	PASS
Band2	1.4	19193	6	#0	16QAM	25627.50	-17.03	-13	PASS
Band2	3	18615	15	#0	QPSK	25630.63	-16.97	-13	PASS
Band2	3	18615	15	#0	16QAM	25596.25	-16.68	-13	PASS
Band2	3	18900	15	#0	QPSK	25735.00	-16.91	-13	PASS
Band2	3	18900	15	#0	16QAM	25654.38	-17.11	-13	PASS
Band2	3	19185	15	#0	QPSK	25606.88	-17.77	-13	PASS
Band2	3	19185	15	#0	16QAM	25603.13	-17.08	-13	PASS
Band2	5	18625	25	#0	QPSK	25643.75	-17.78	-13	PASS
Band2	5	18625	25	#0	16QAM	25625.63	-17.11	-13	PASS
Band2	5	18900	25	#0	QPSK	25668.75	-16.49	-13	PASS
Band2	5	18900	25	#0	16QAM	25640.00	-16.66	-13	PASS
Band2	5	19175	25	#0	QPSK	25718.75	-17.38	-13	PASS
Band2	5	19175	25	#0	16QAM	25648.75	-16.94	-13	PASS
Band2	10	18650	50	#0	QPSK	25695.63	-16.67	-13	PASS
Band2	10	18650	50	#0	16QAM	25531.88	-17.39	-13	PASS
Band2	10	18900	50	#0	QPSK	25655.00	-16.47	-13	PASS
Band2	10	18900	50	#0	16QAM	25645.63	-16.73	-13	PASS
Band2	10	19150	50	#0	QPSK	25616.88	-15.95	-13	PASS
Band2	10	19150	50	#0	16QAM	25671.88	-17.00	-13	PASS
Band2	15	18675	75	#0	QPSK	25683.75	-17.71	-13	PASS
Band2	15	18675	75	#0	16QAM	25660.00	-17.43	-13	PASS
Band2	15	18900	75	#0	QPSK	25660.00	-16.55	-13	PASS
Band2	15	18900	75	#0	16QAM	25642.50	-17.50	-13	PASS
Band2	15	19125	75	#0	QPSK	25620.63	-16.69	-13	PASS
Band2	15	19125	75	#0	16QAM	25608.13	-17.18	-13	PASS
Band2	20	18700	100	#0	QPSK	25599.38	-17.04	-13	PASS
Band2	20	18700	100	#0	16QAM	25611.25	-17.36	-13	PASS
Band2	20	18900	100	#0	QPSK	25644.38	-17.03	-13	PASS
Band2	20	18900	100	#0	16QAM	25716.88	-17.32	-13	PASS
Band2	20	19100	100	#0	QPSK	25675.00	-17.39	-13	PASS
Band2	20	19100	100	#0	16QAM	25648.75	-16.66	-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

