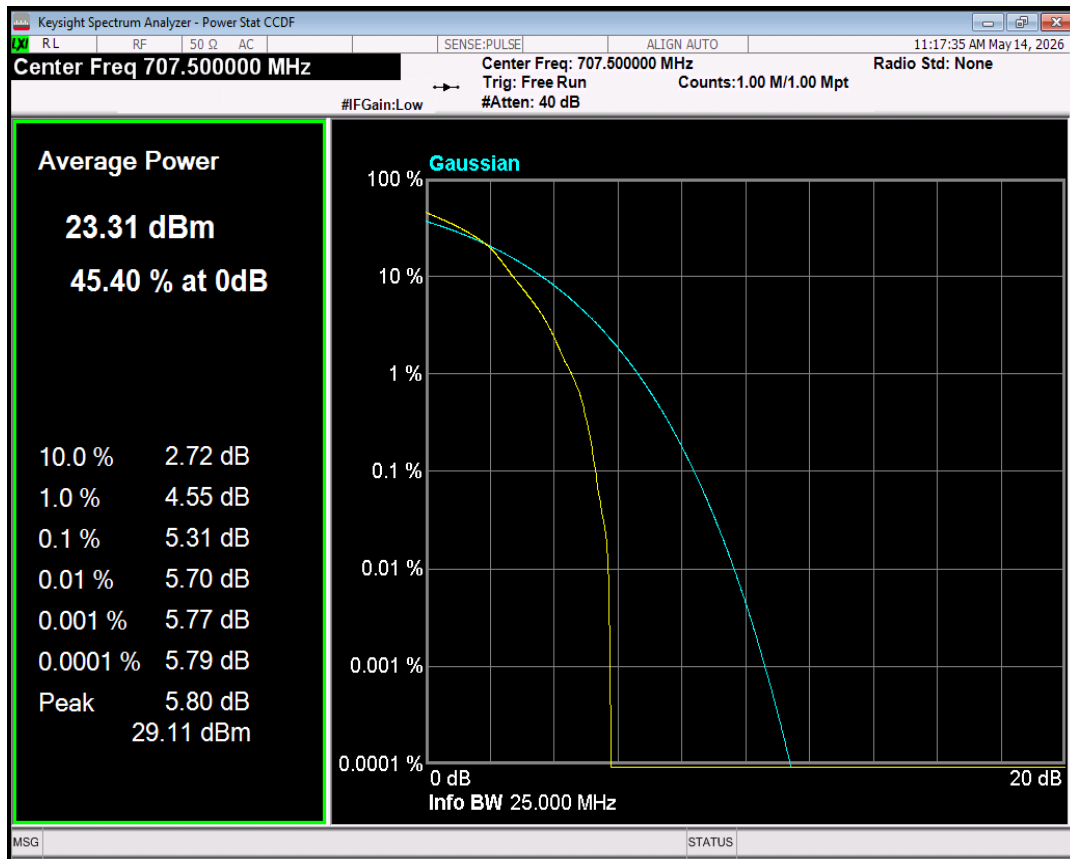
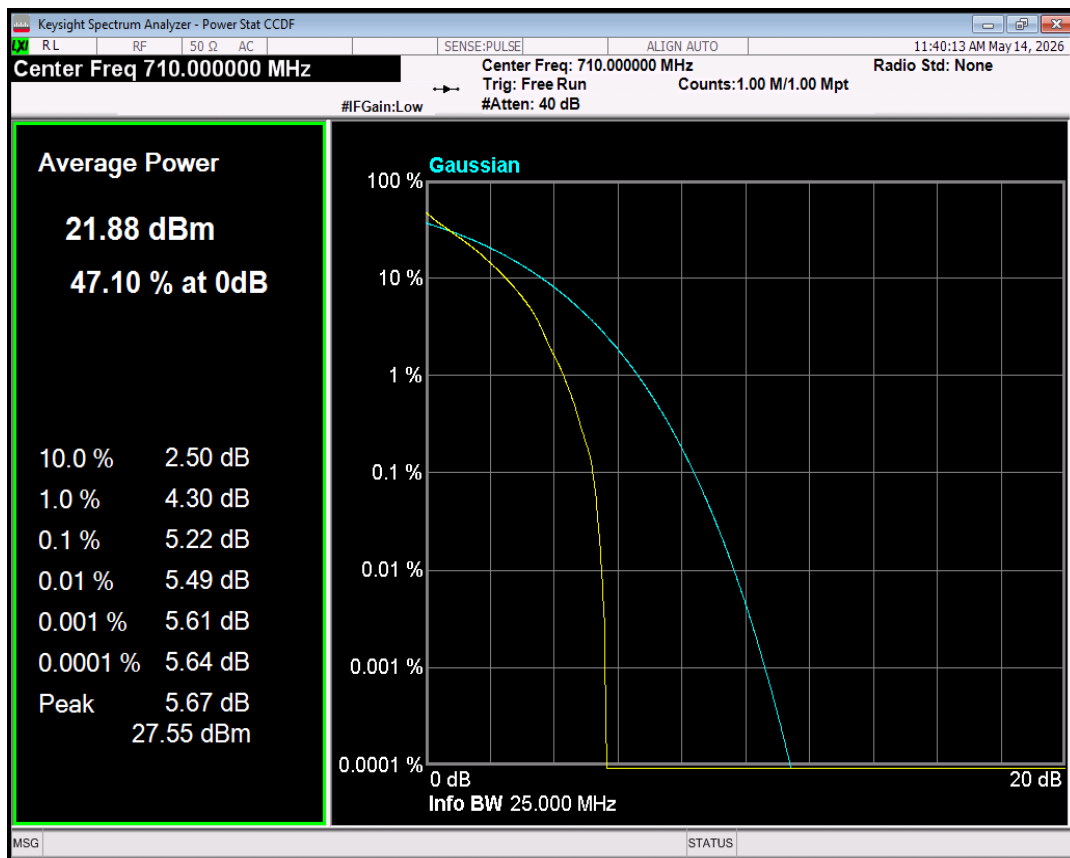
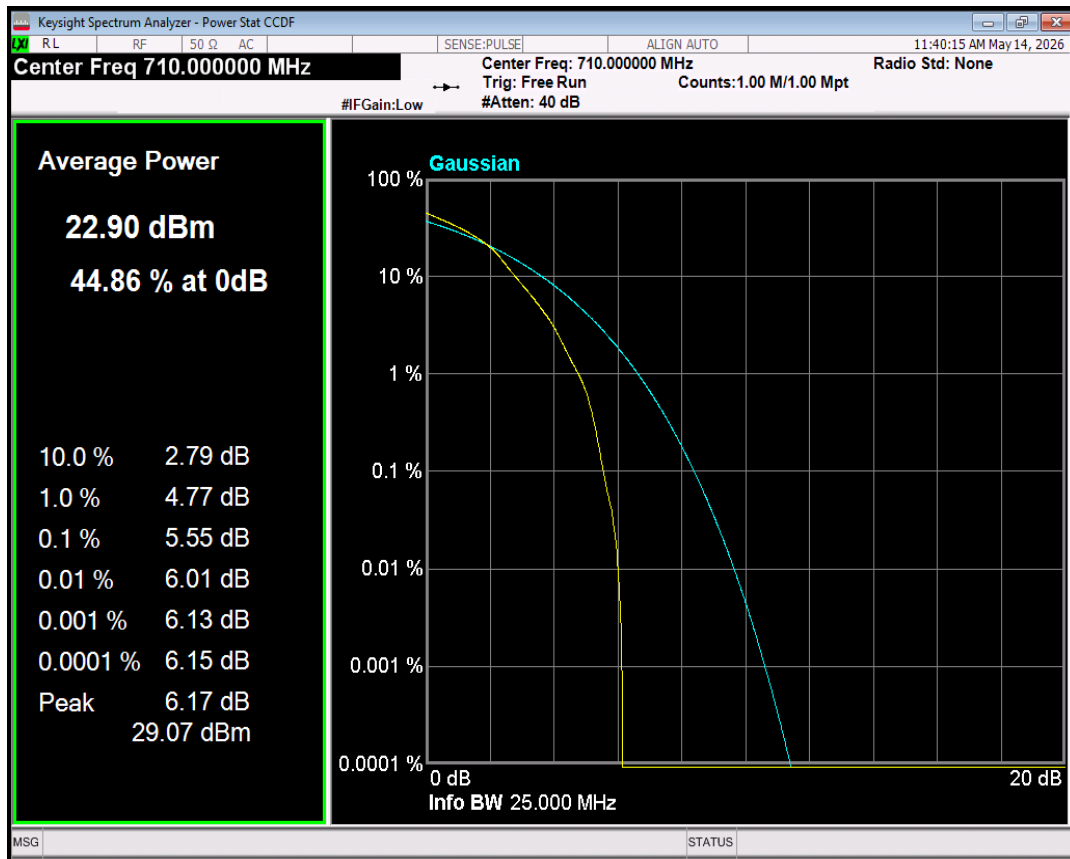




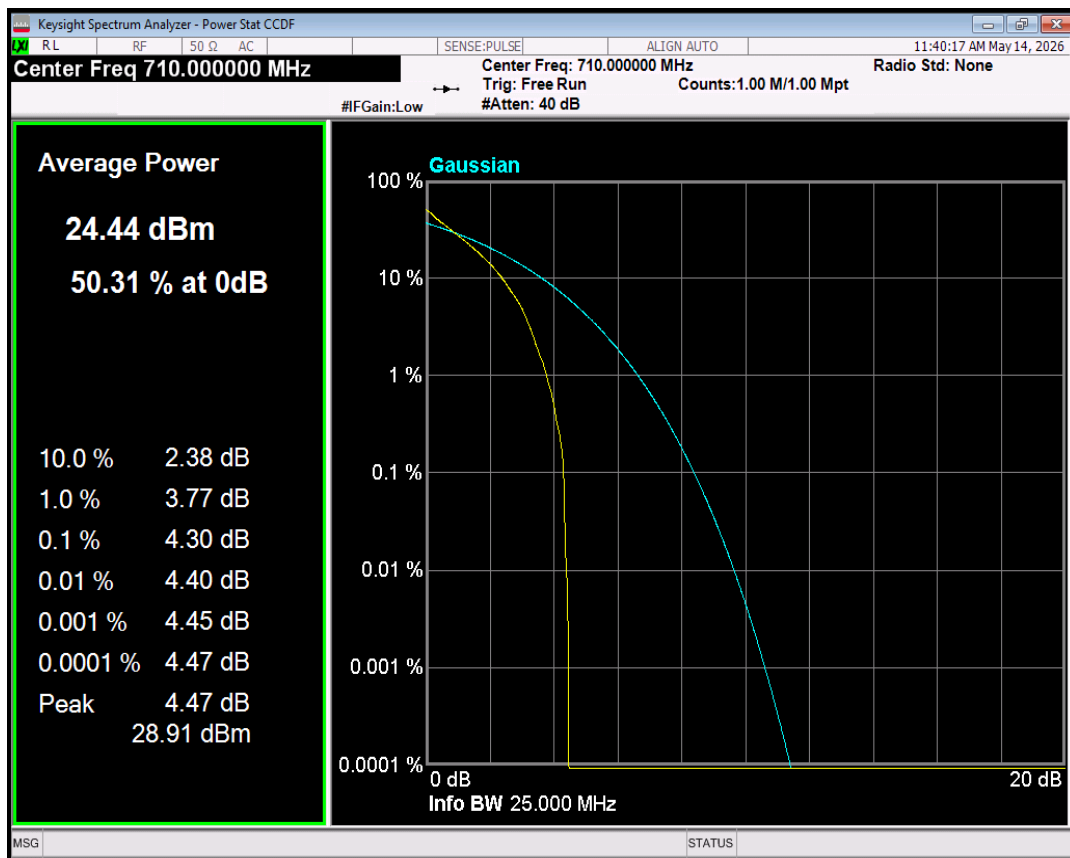
Band17 QPSK BW=5MHz Channel=23790 RB Size=1 Position=#0



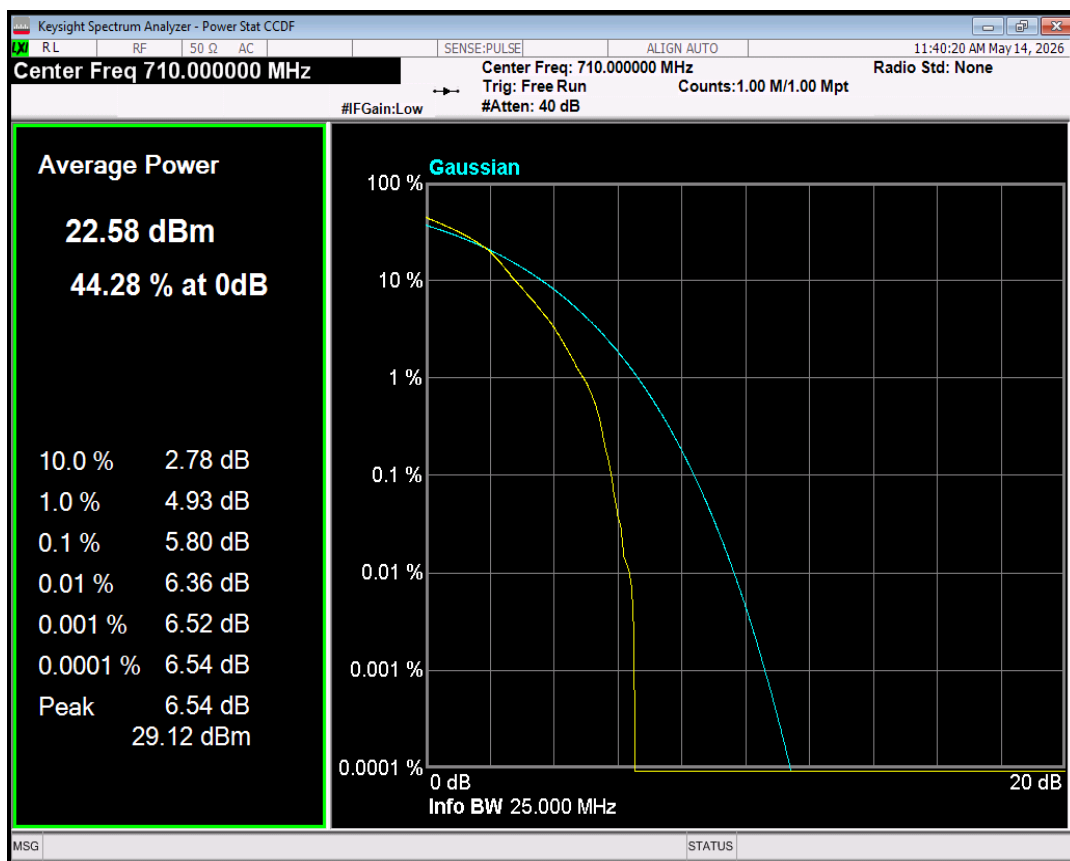
Band17 16QAM BW=5MHz Channel=23790 RB Size=1 Position=#0



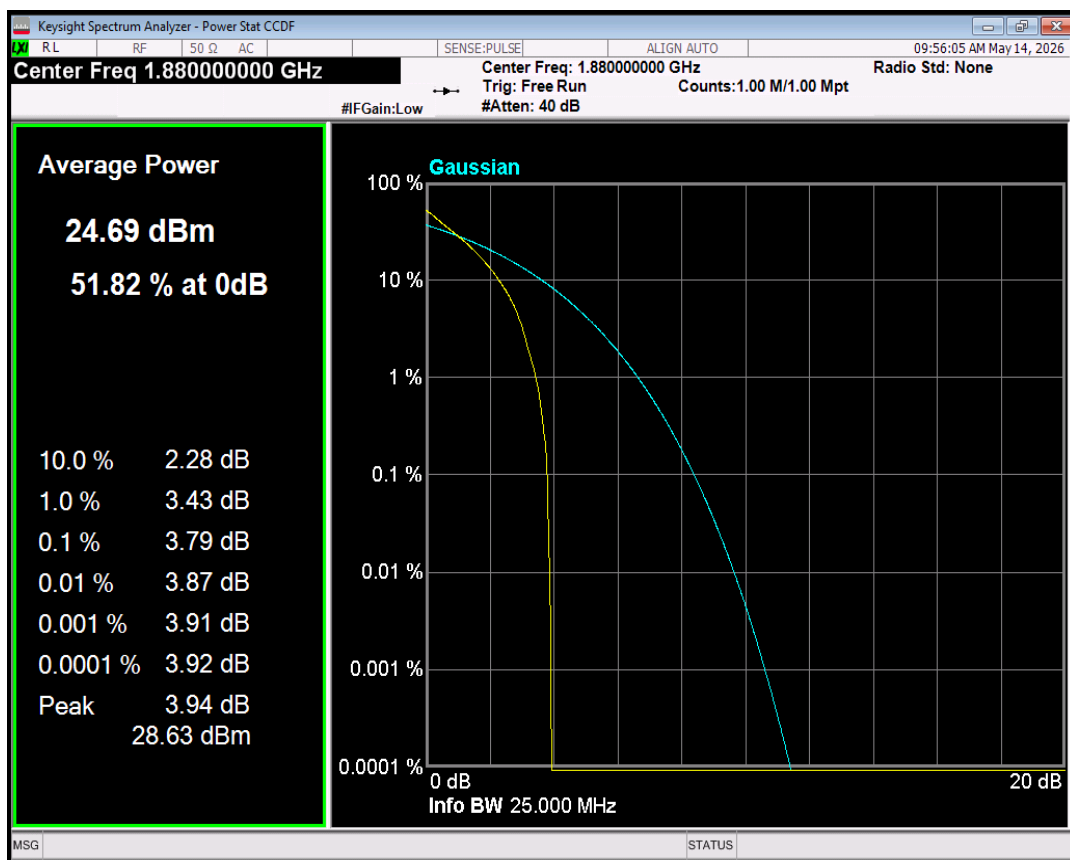
Band17 QPSK BW=10MHz Channel=23790 RB Size=1 Position=#0



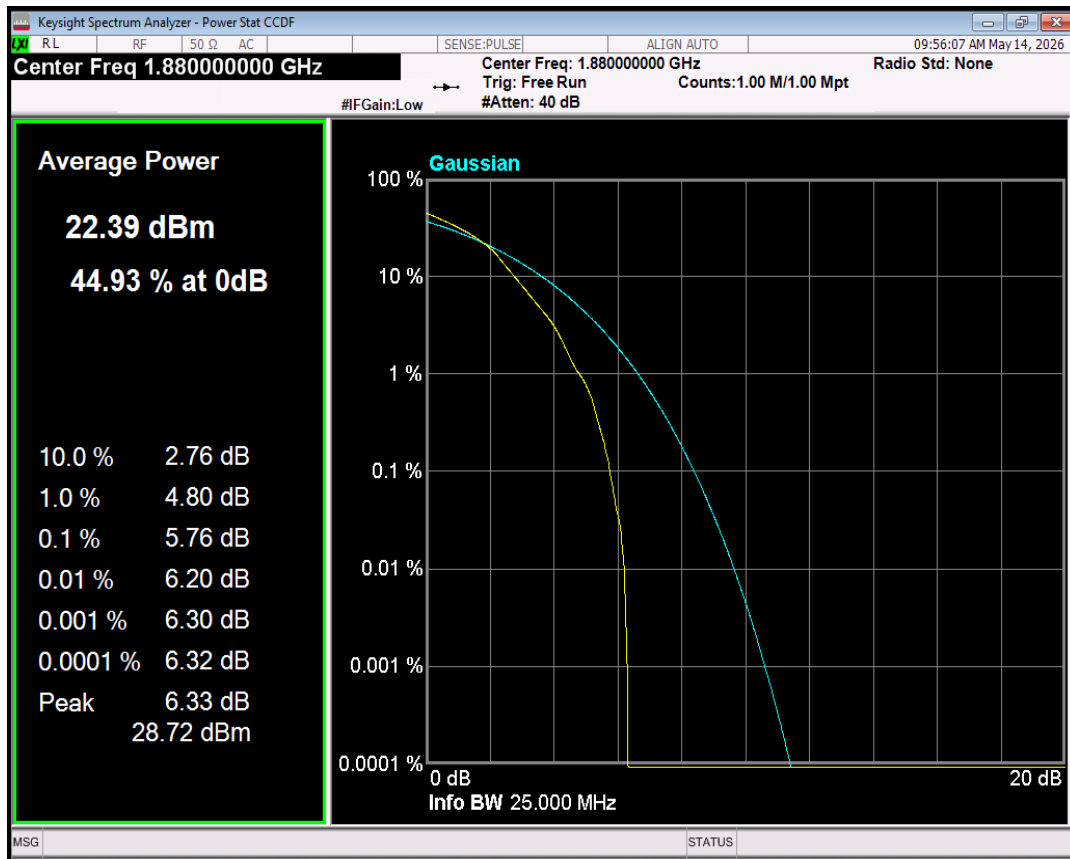
Band17 16QAM BW=10MHz Channel=23790 RB Size=1 Position=#0



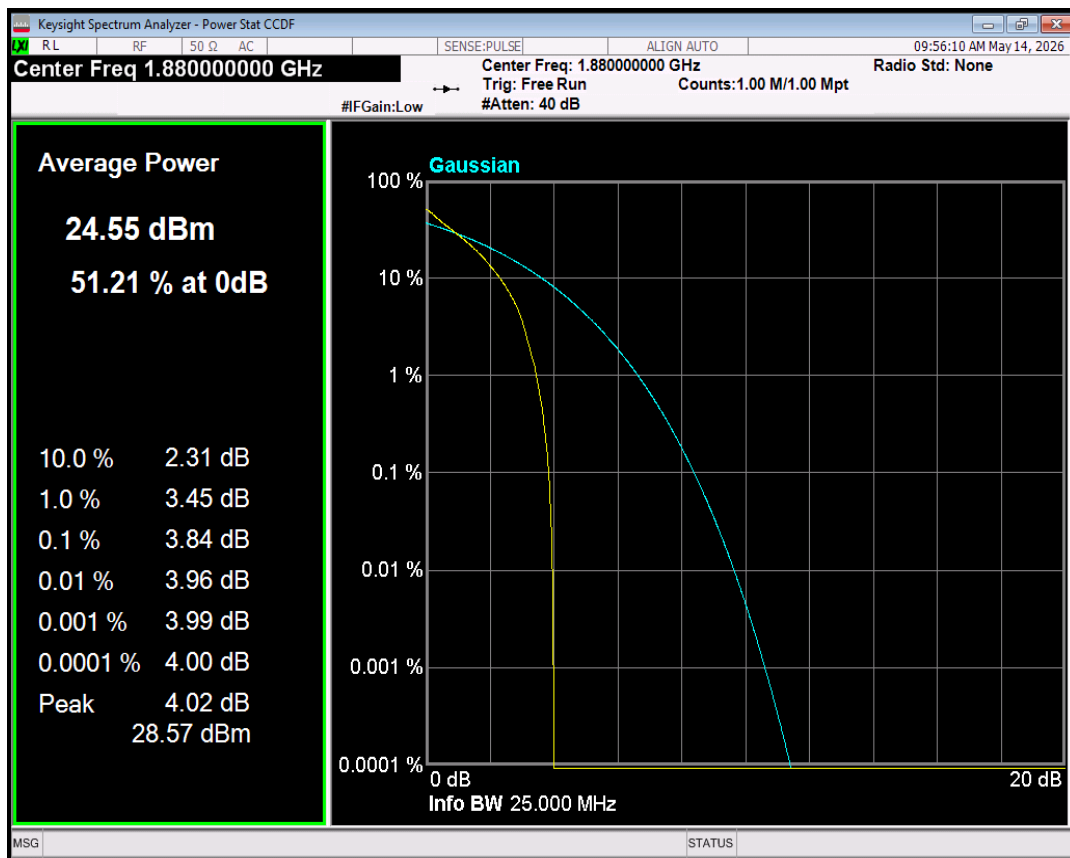
Band2 QPSK BW=1.4MHz Channel=18900 RB Size=1 Position=#0



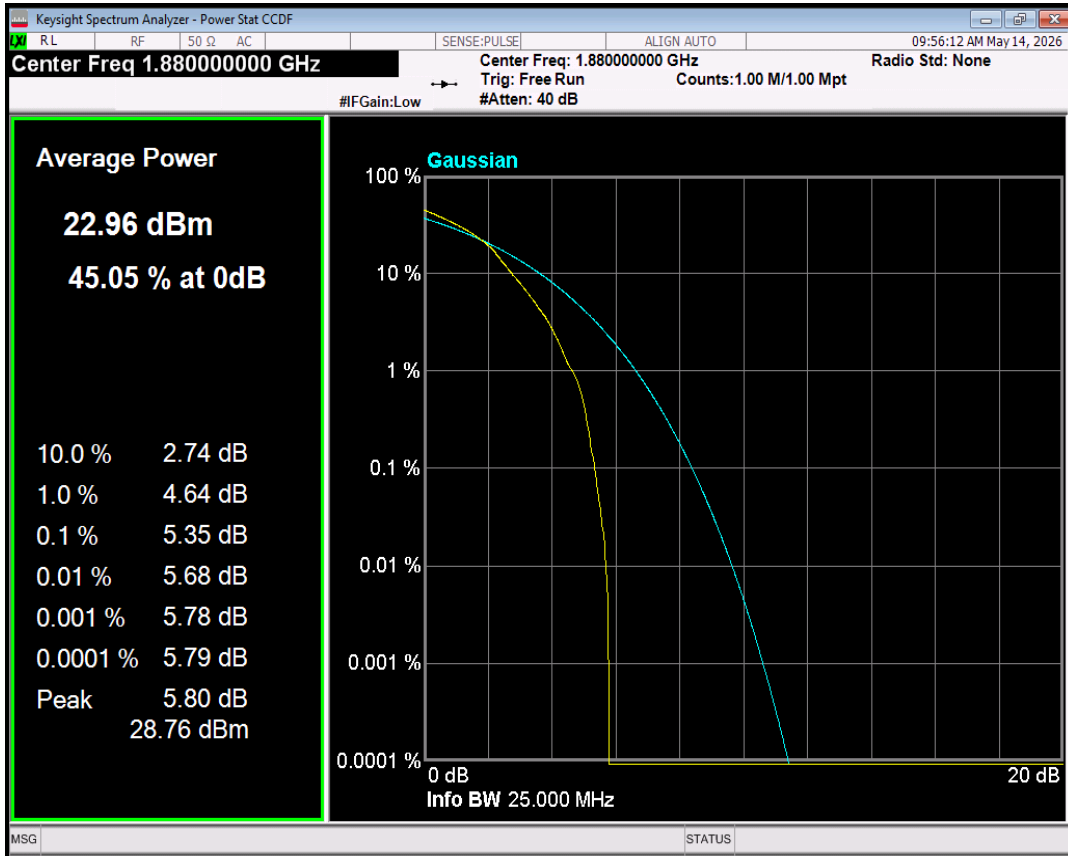
Band2 16QAM BW=1.4MHz Channel=18900 RB Size=1 Position=#0



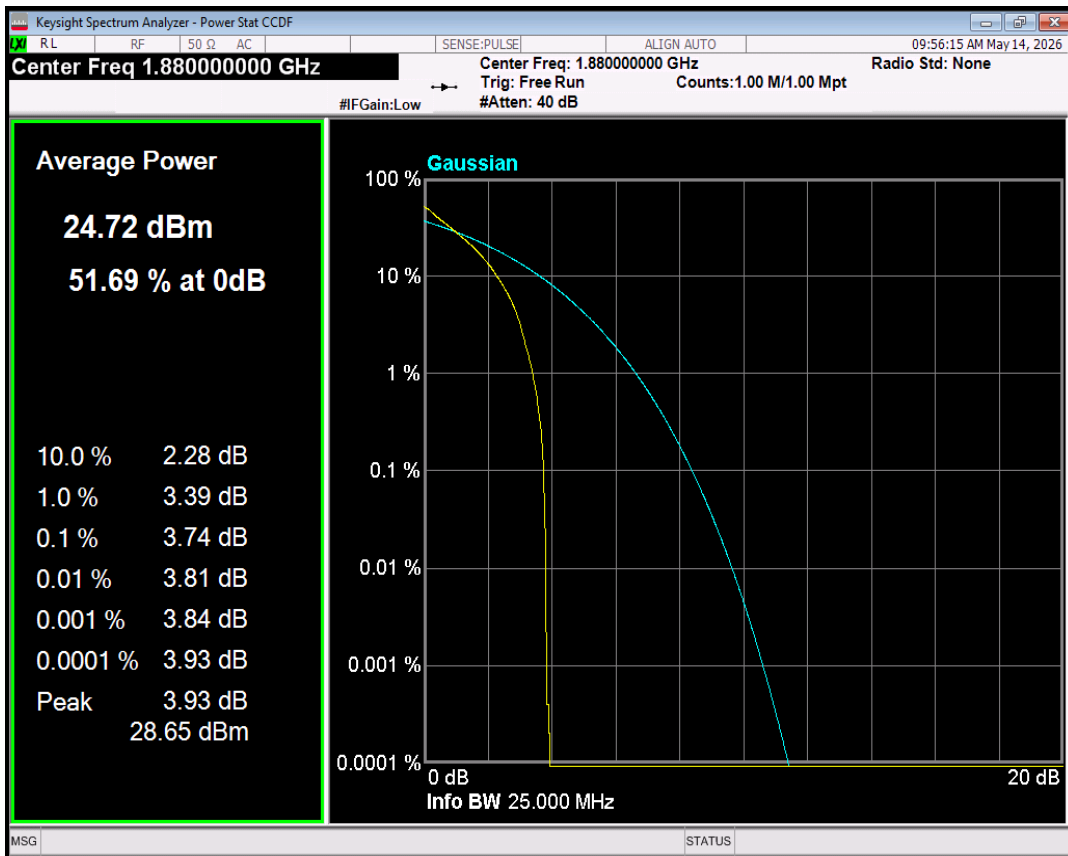
Band2 QPSK BW=3MHz Channel=18900 RB Size=1 Position=#0



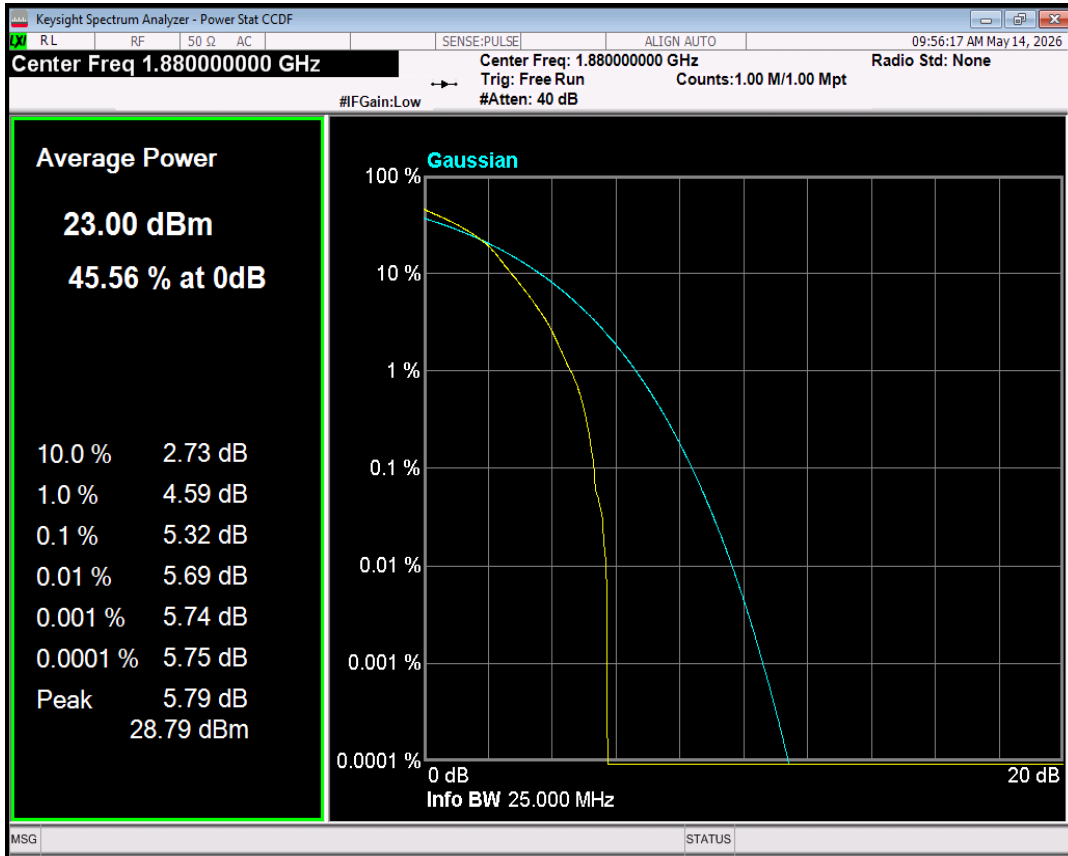
Band2 16QAM BW=3MHz Channel=18900 RB Size=1 Position=#0



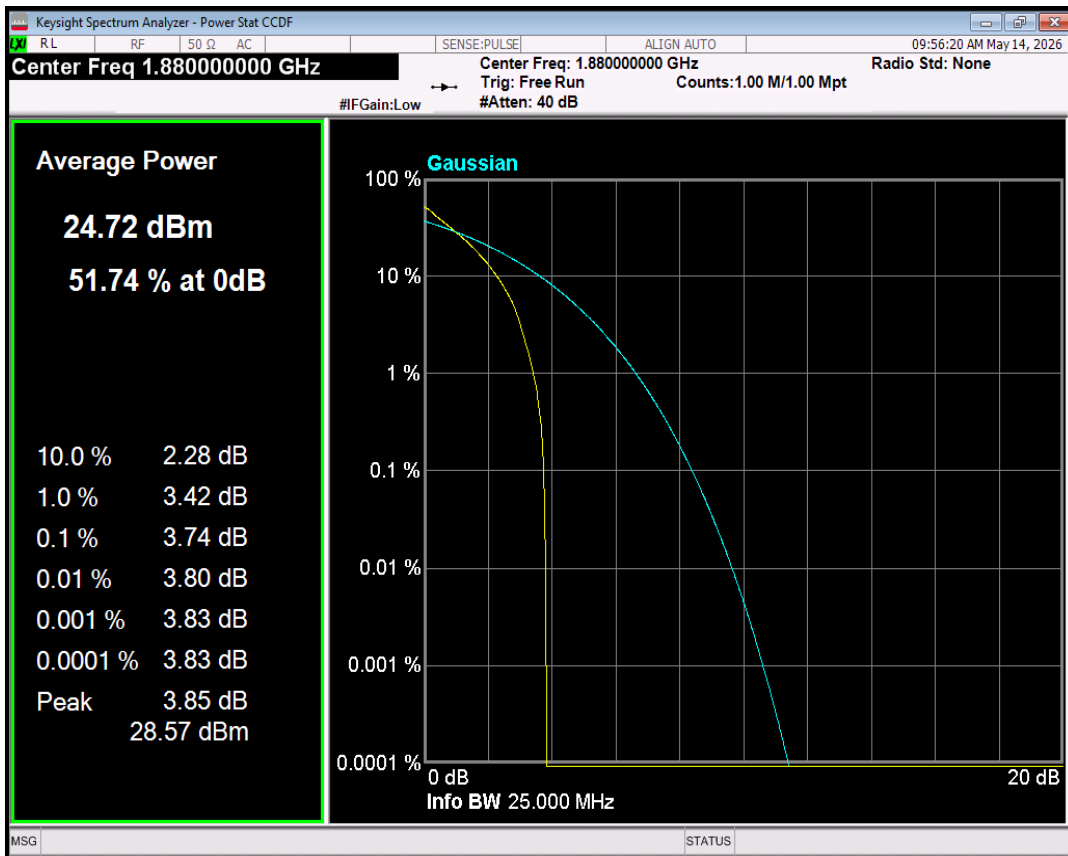
Band2 QPSK BW=5MHz Channel=18900 RB Size=1 Position=#0



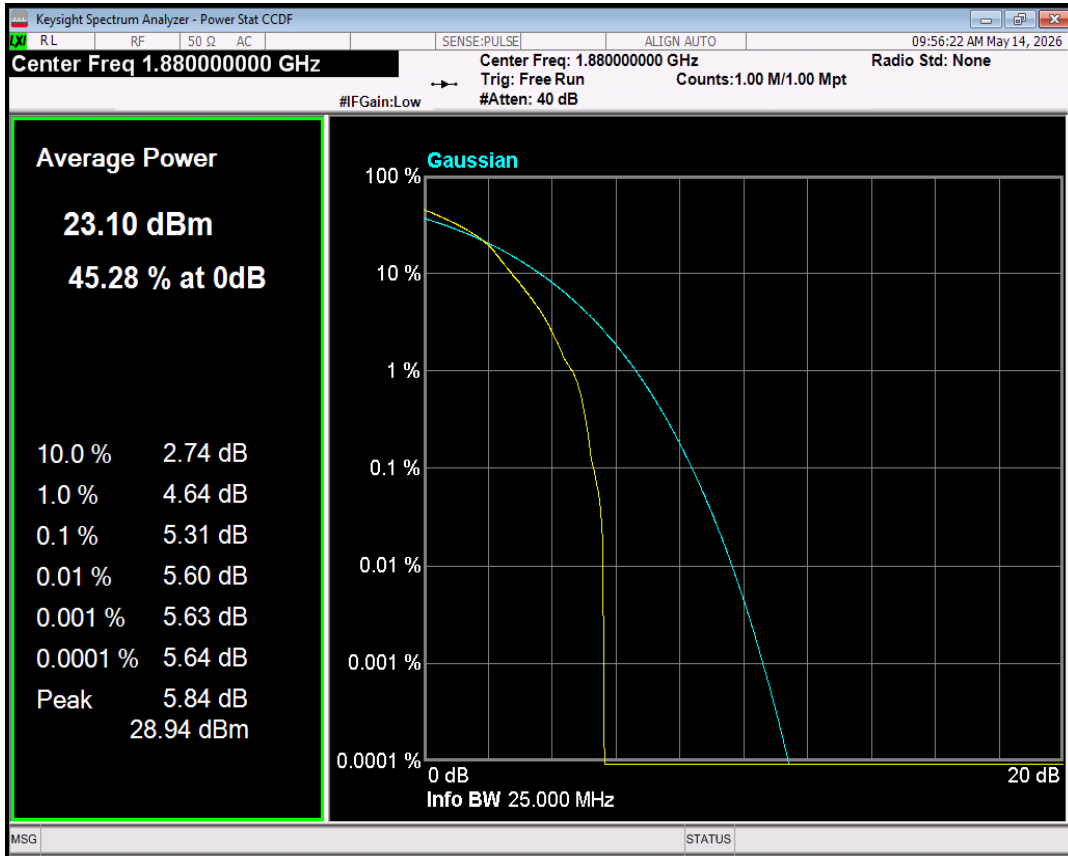
Band2 16QAM BW=5MHz Channel=18900 RB Size=1 Position=#0



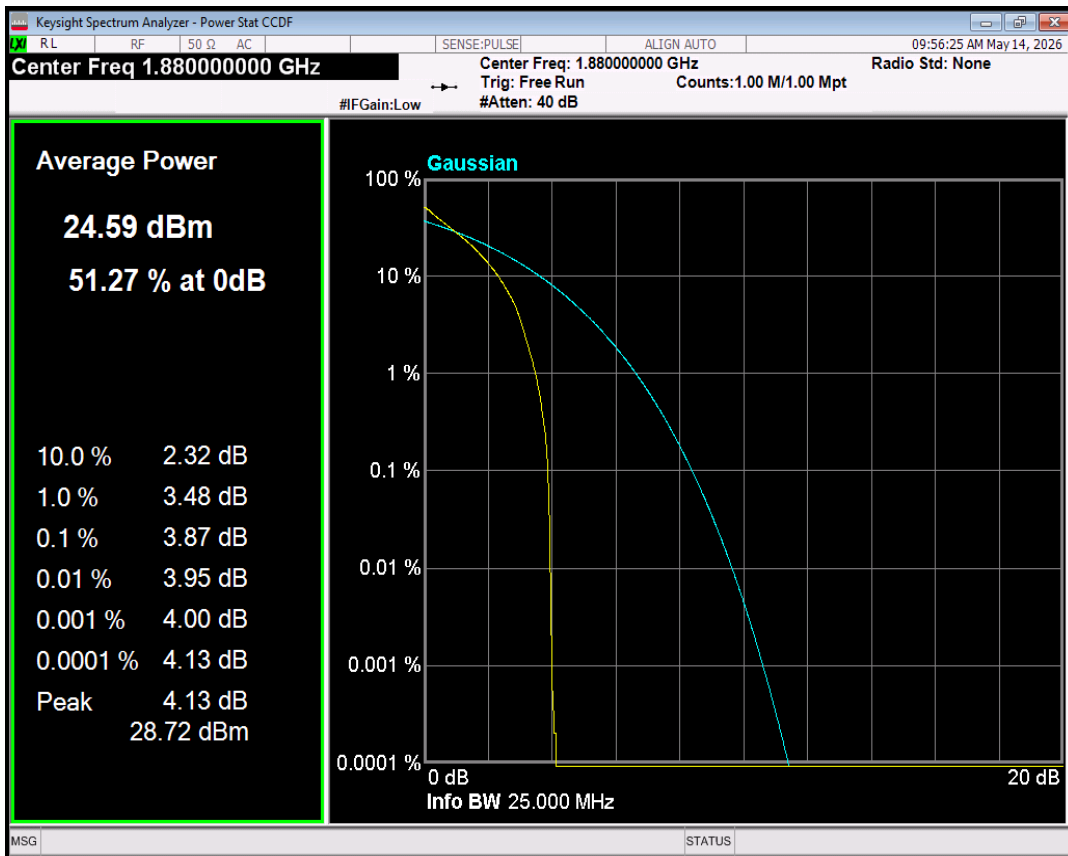
Band2 QPSK BW=10MHz Channel=18900 RB Size=1 Position=#0



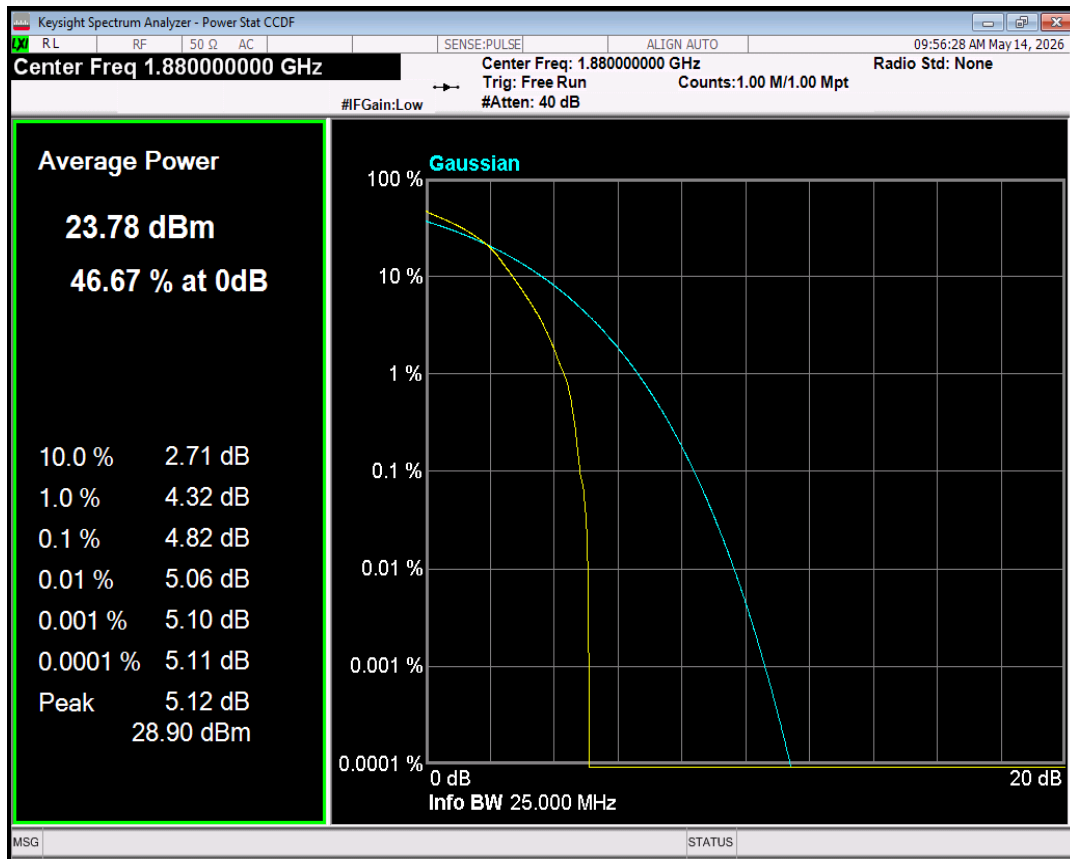
Band2 16QAM BW=10MHz Channel=18900 RB Size=1 Position=#0



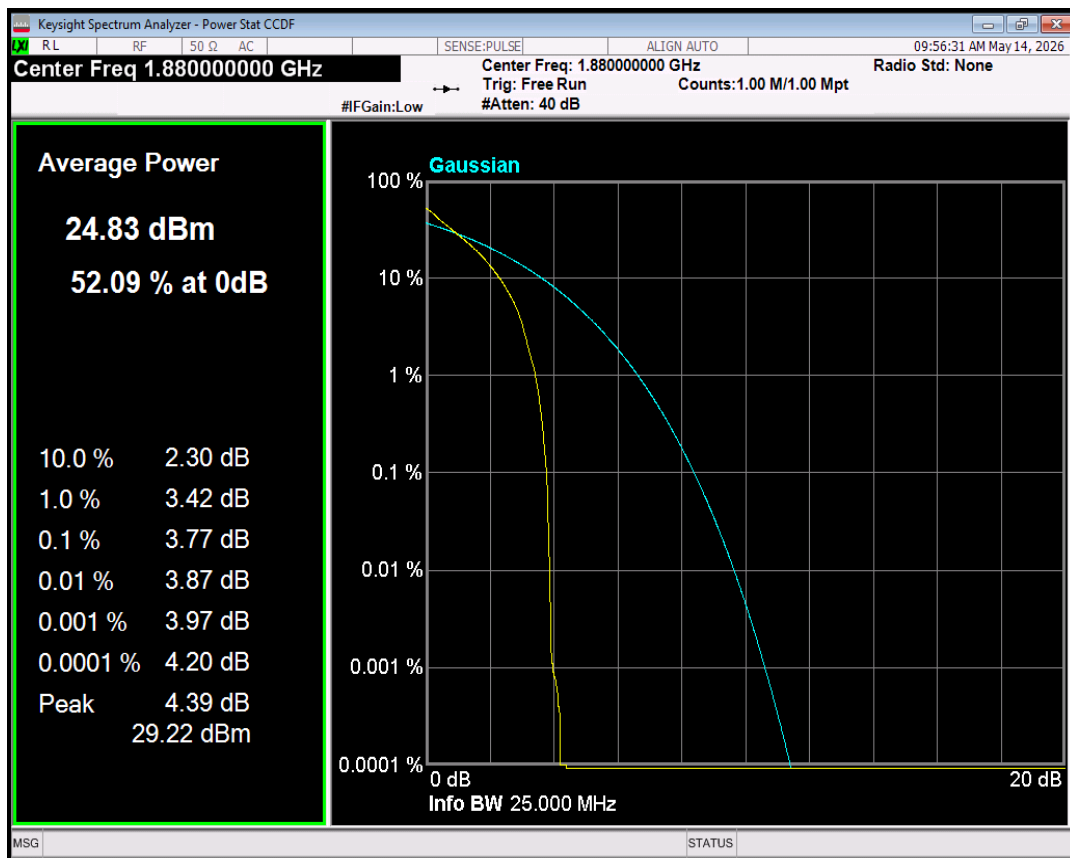
Band2 QPSK BW=15MHz Channel=18900 RB Size=1 Position=#0



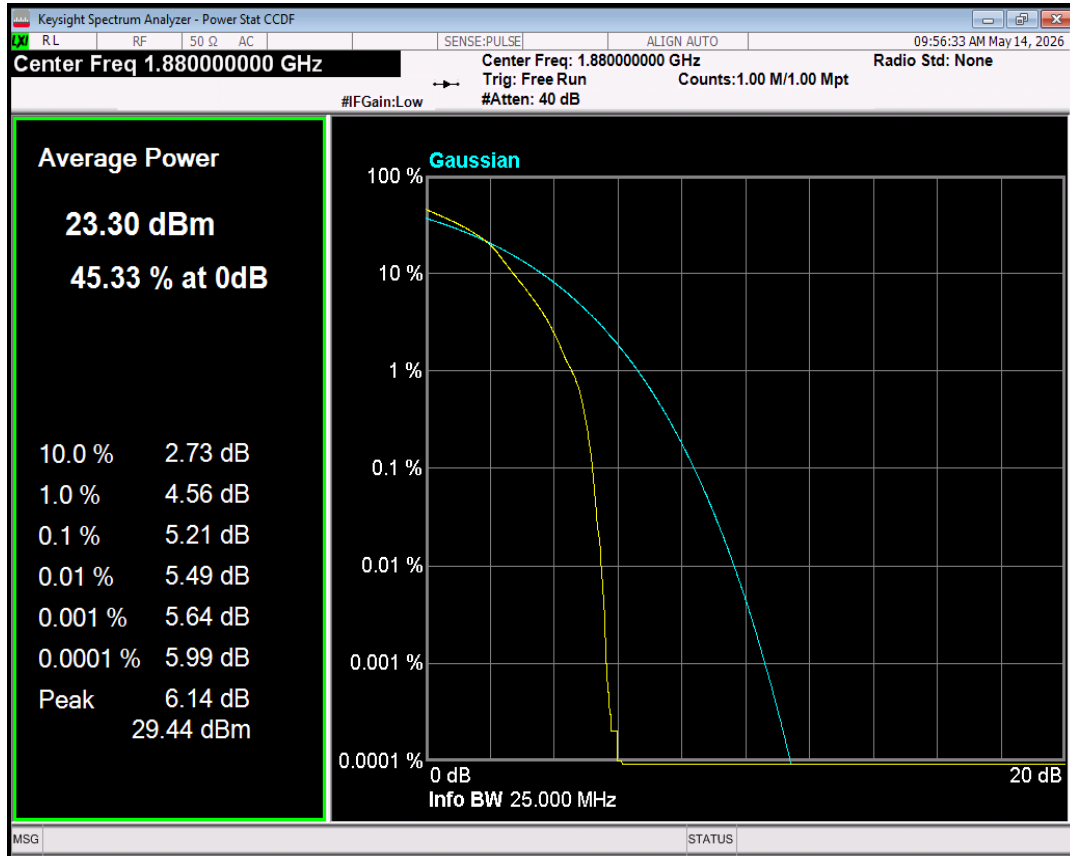
Band2 16QAM BW=15MHz Channel=18900 RB Size=1 Position=#0



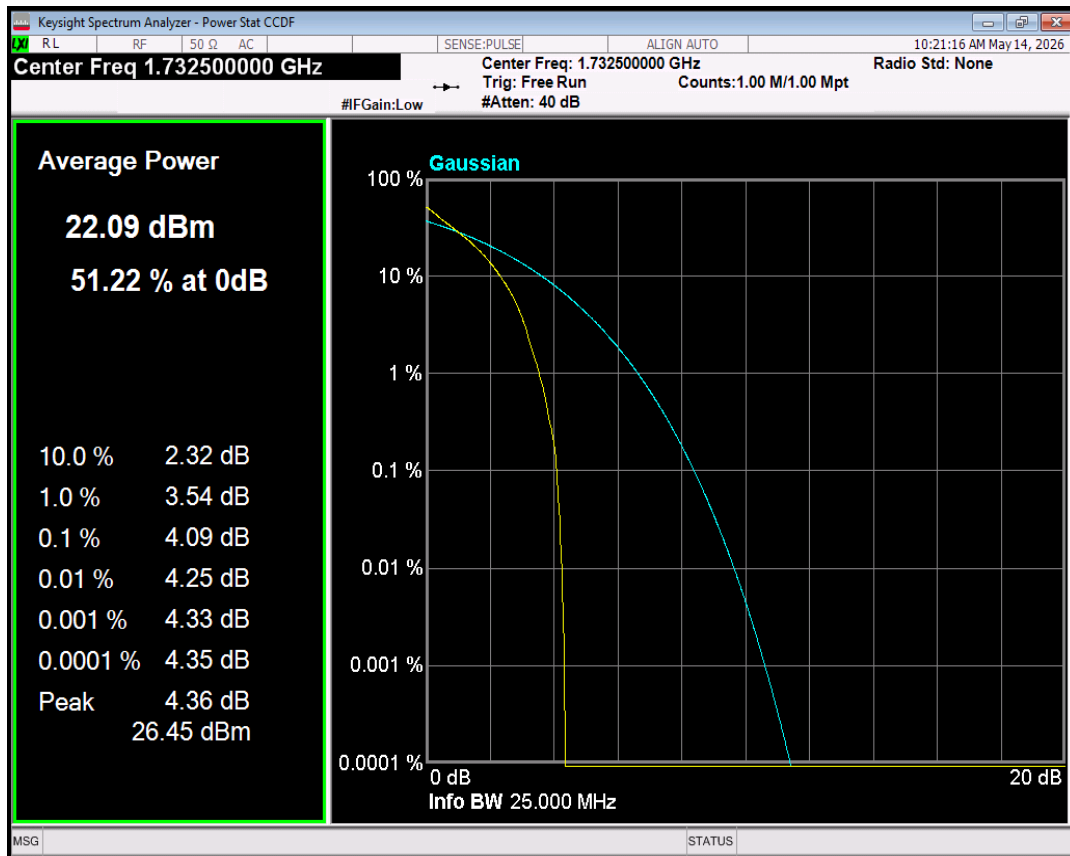
Band2 QPSK BW=20MHz Channel=18900 RB Size=1 Position=#0



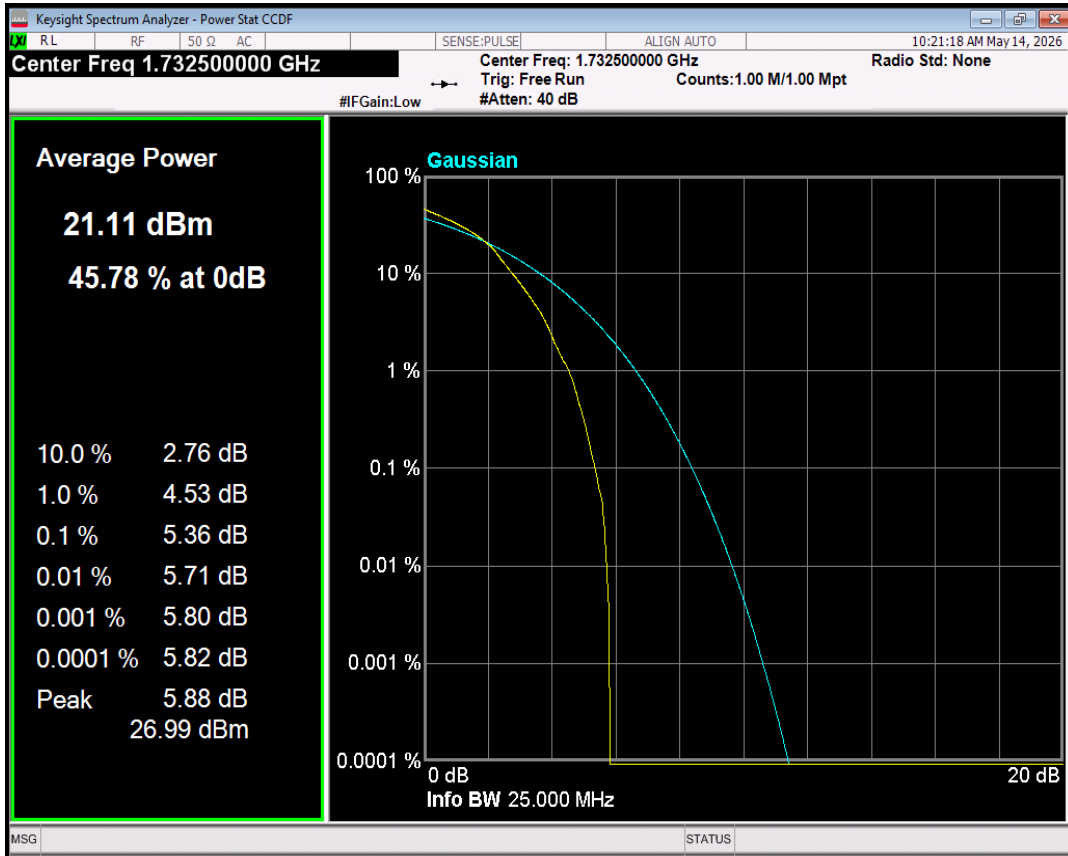
Band2 16QAM BW=20MHz Channel=18900 RB Size=1 Position=#0



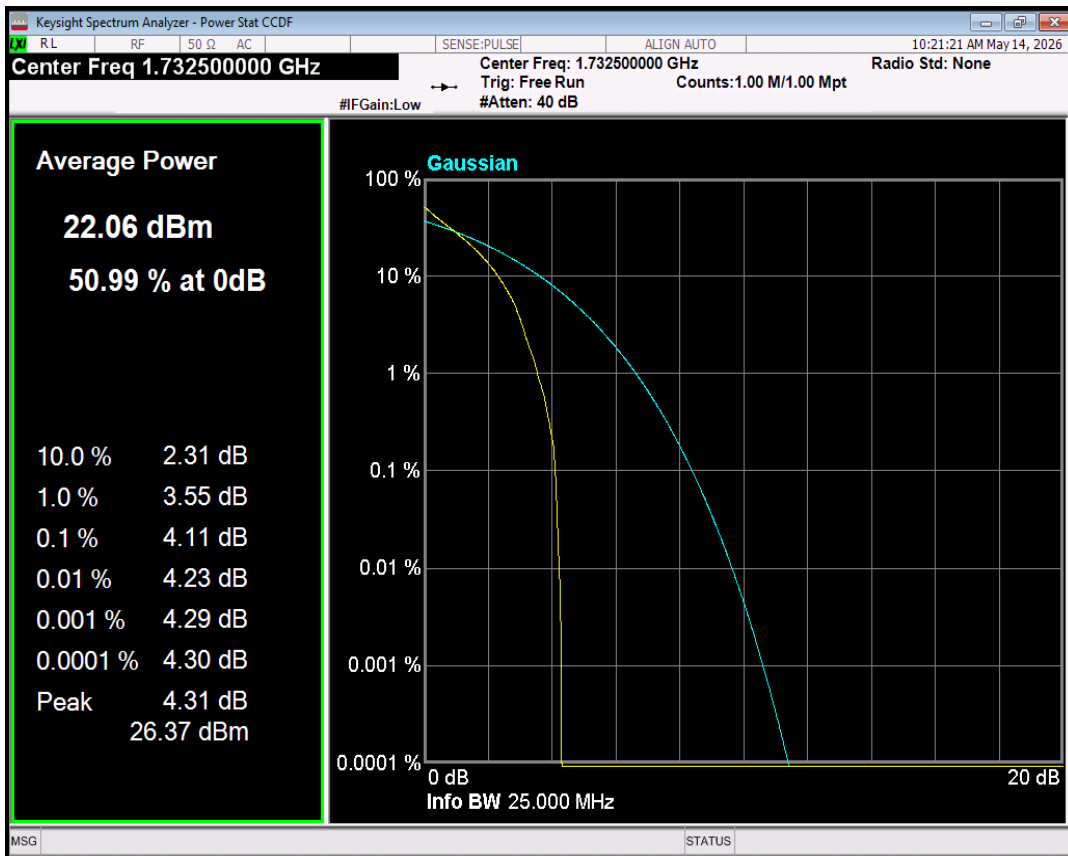
Band4 QPSK BW=1.4MHz Channel=20175 RB Size=1 Position=#0



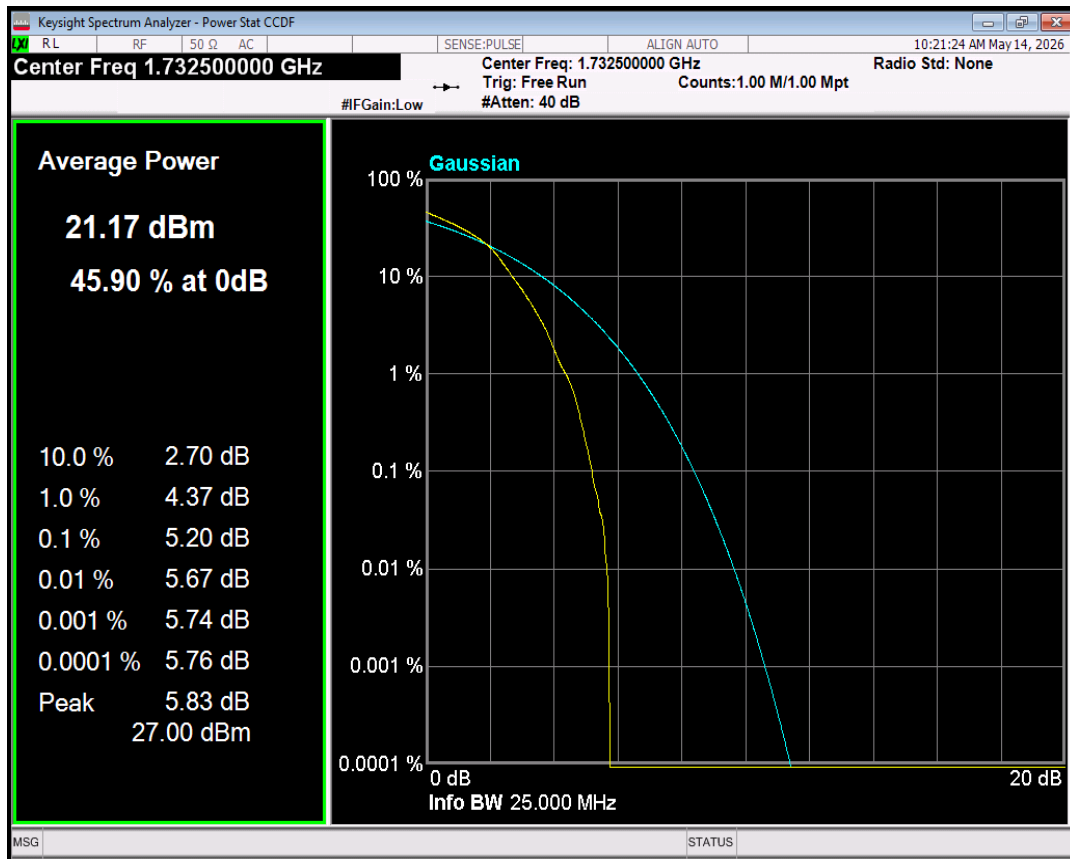
Band4 16QAM BW=1.4MHz Channel=20175 RB Size=1 Position=#0



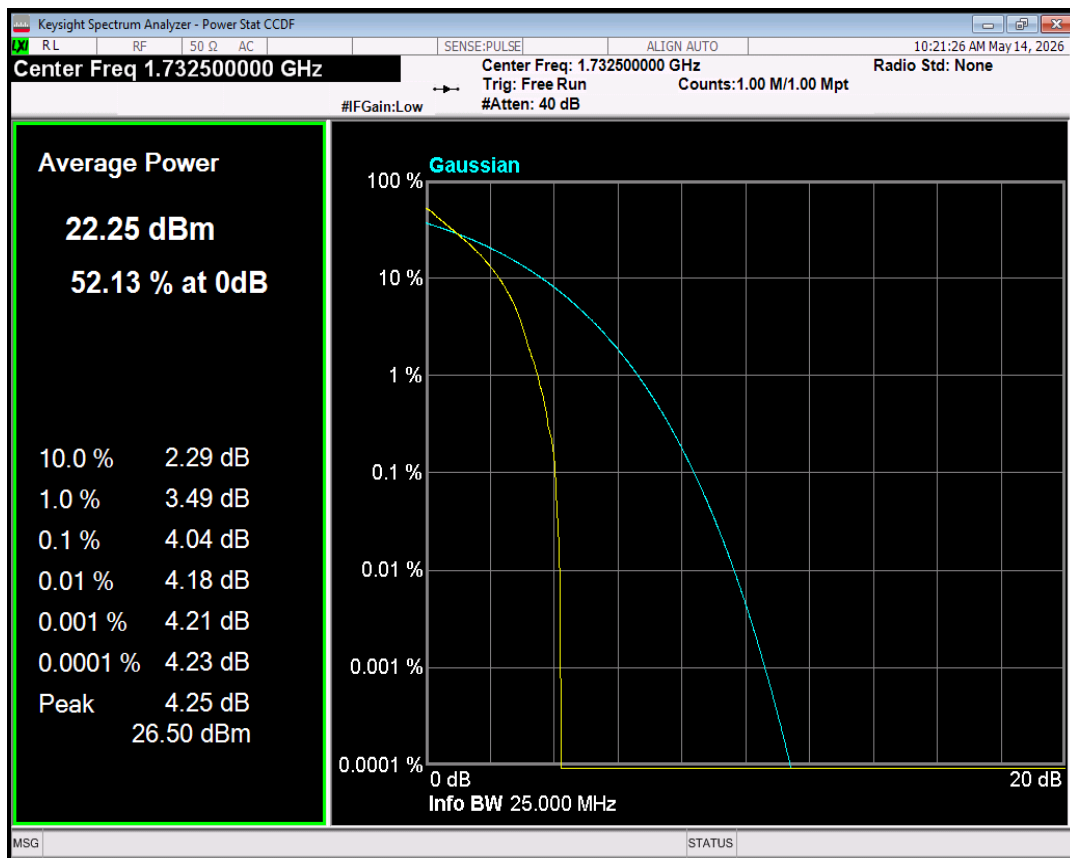
Band4 QPSK BW=3MHz Channel=20175 RB Size=1 Position=#0



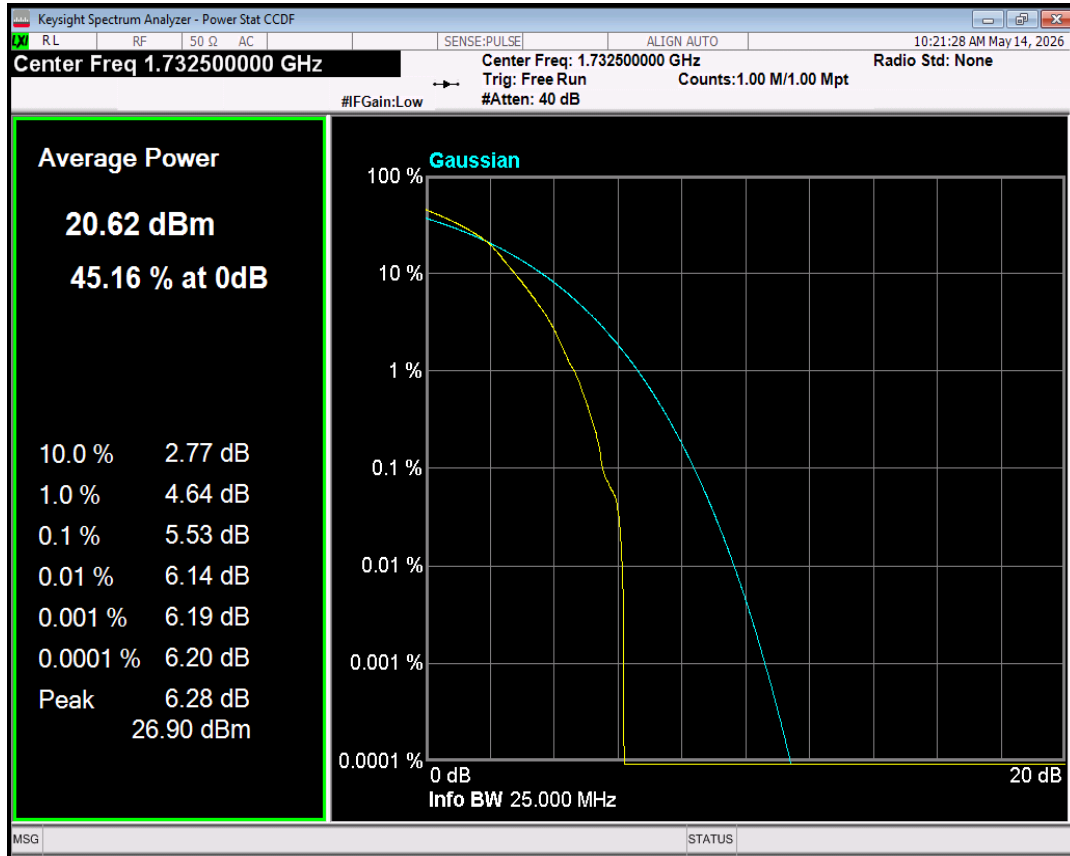
Band4 16QAM BW=3MHz Channel=20175 RB Size=1 Position=#0



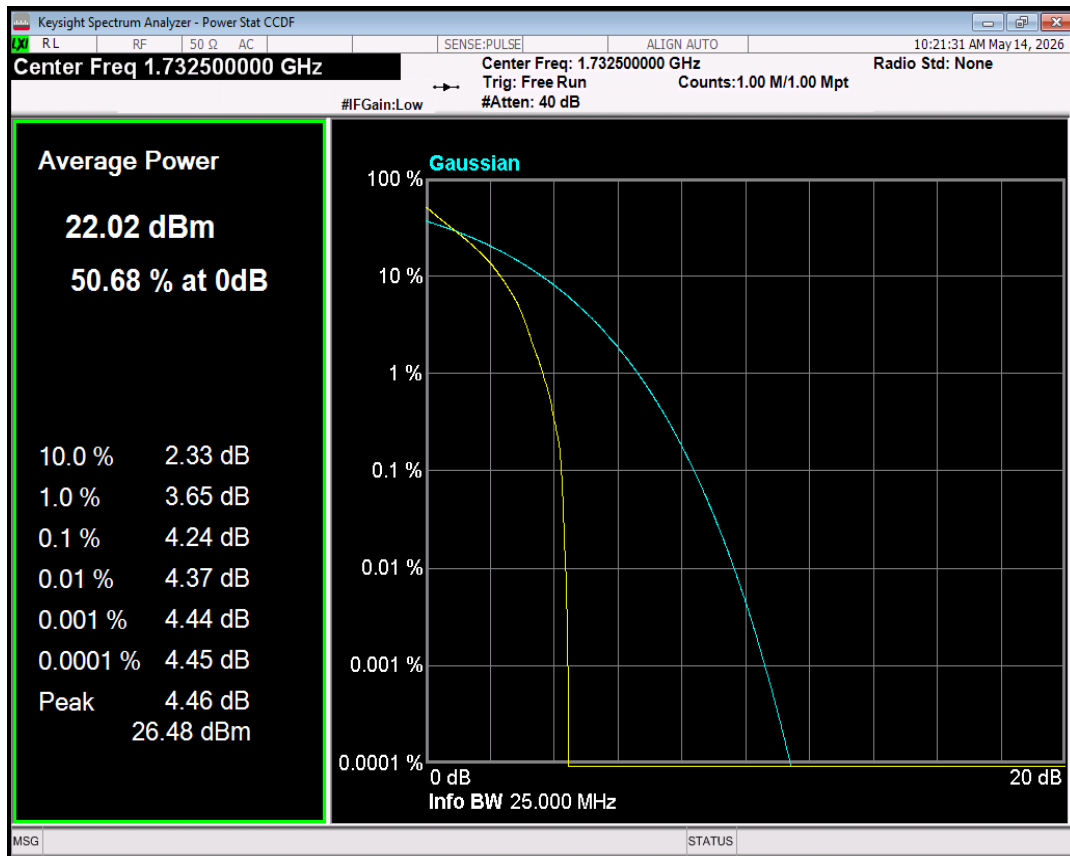
Band4 QPSK BW=5MHz Channel=20175 RB Size=1 Position=#0



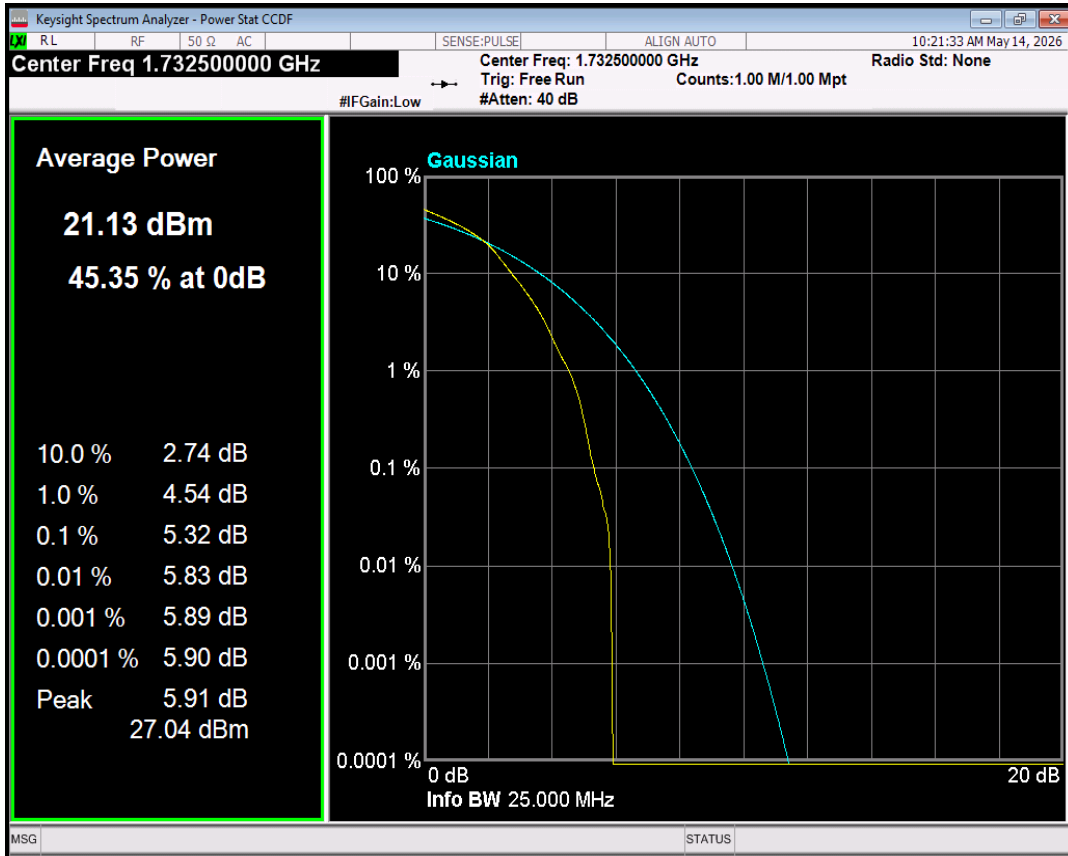
Band4 16QAM BW=5MHz Channel=20175 RB Size=1 Position=#0



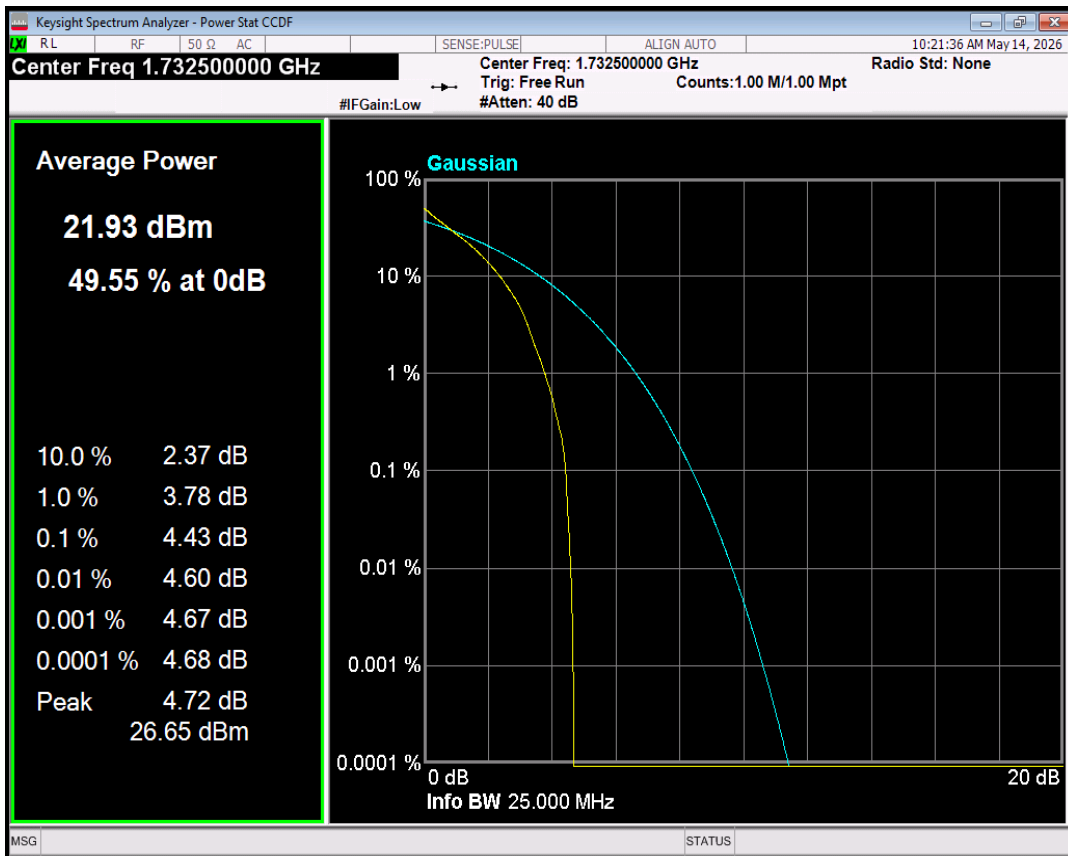
Band4 QPSK BW=10MHz Channel=20175 RB Size=1 Position=#0



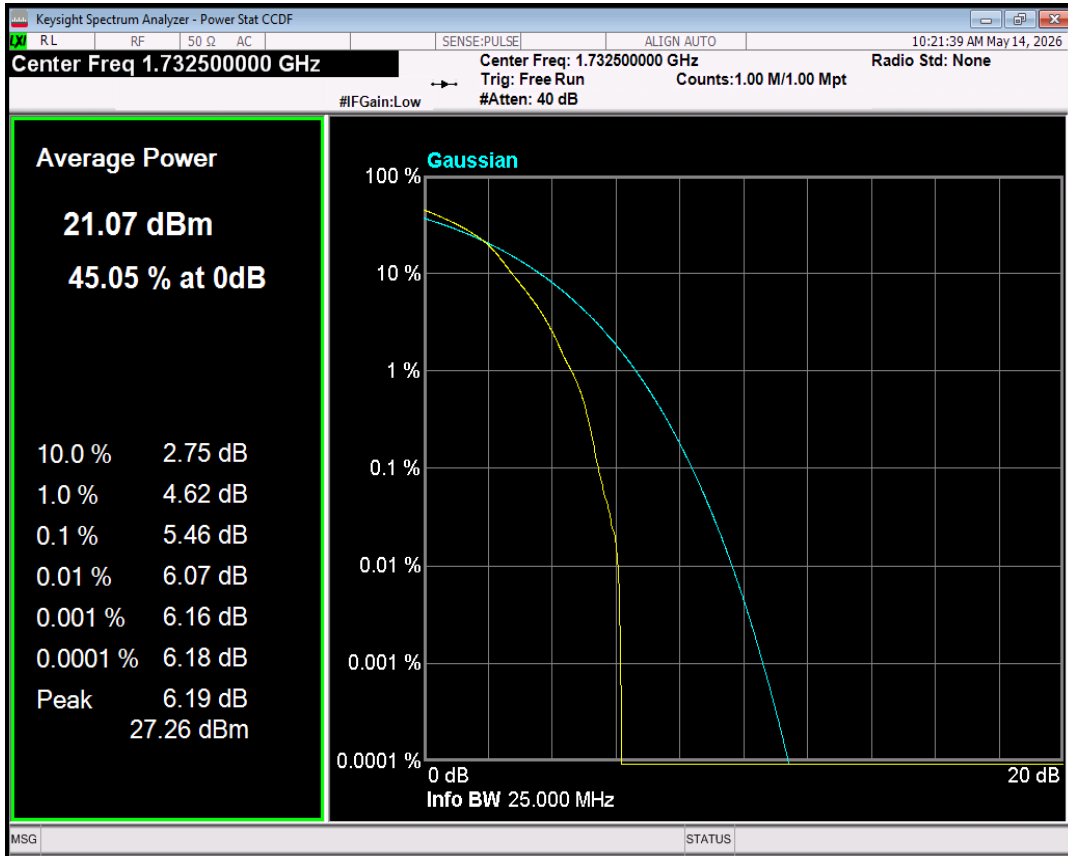
Band4 16QAM BW=10MHz Channel=20175 RB Size=1 Position=#0



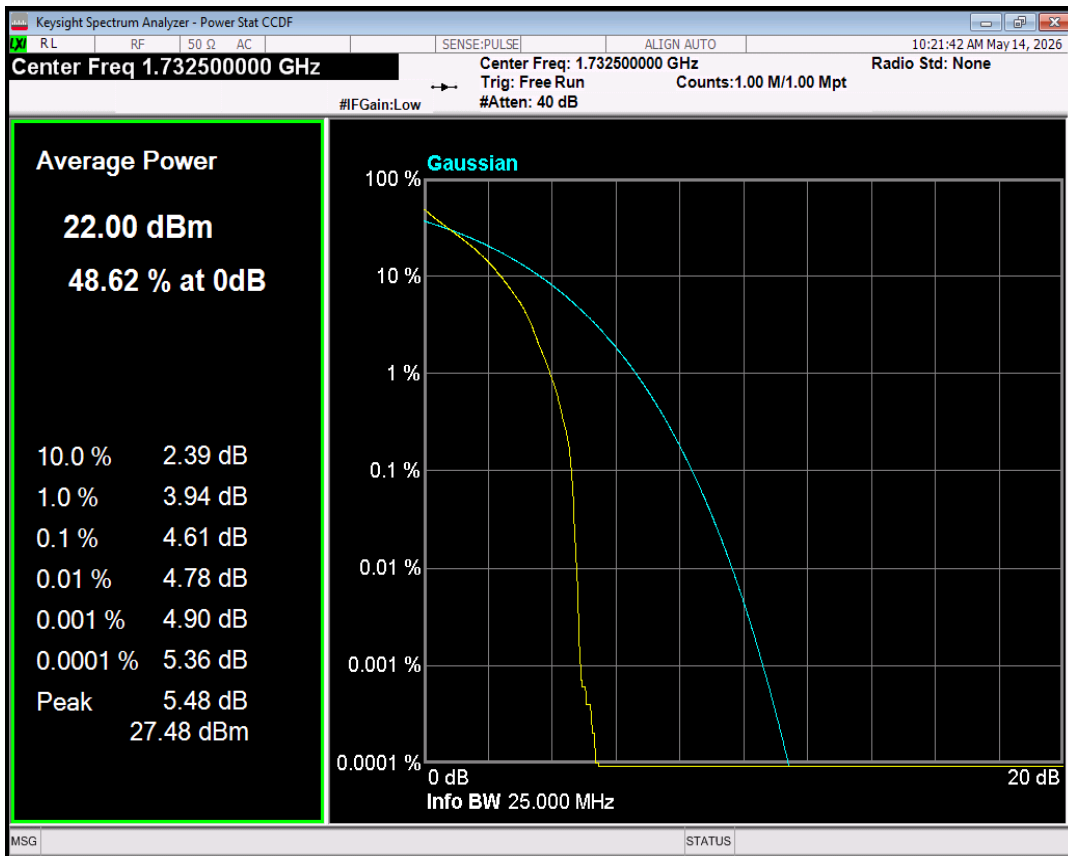
Band4 QPSK BW=15MHz Channel=20175 RB Size=1 Position=#0



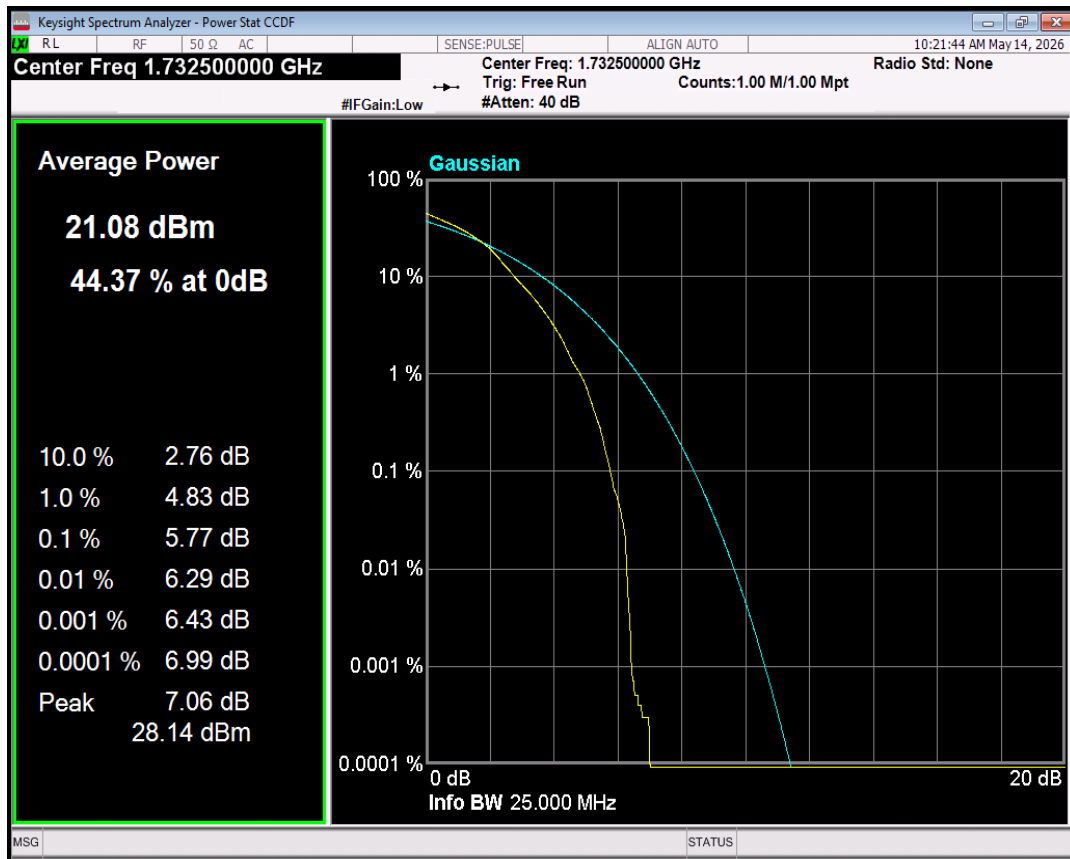
Band4 16QAM BW=15MHz Channel=20175 RB Size=1 Position=#0



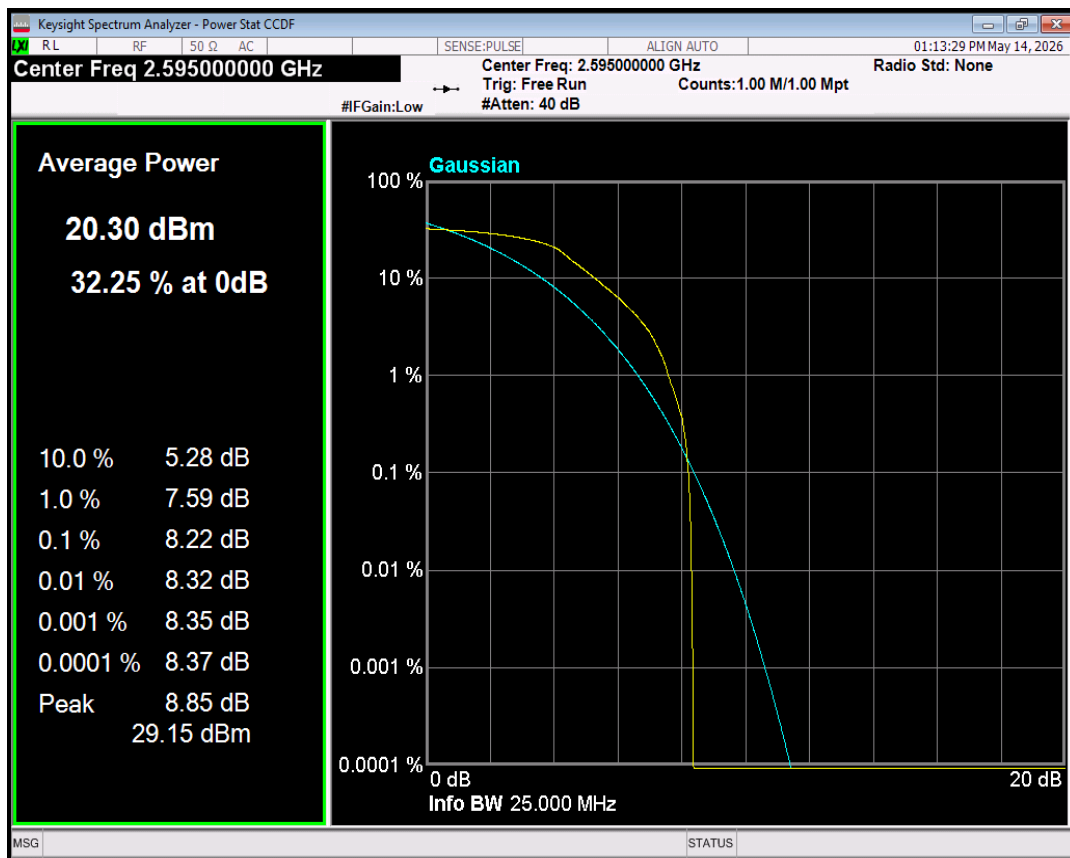
Band4 QPSK BW=20MHz Channel=20175 RB Size=1 Position=#0



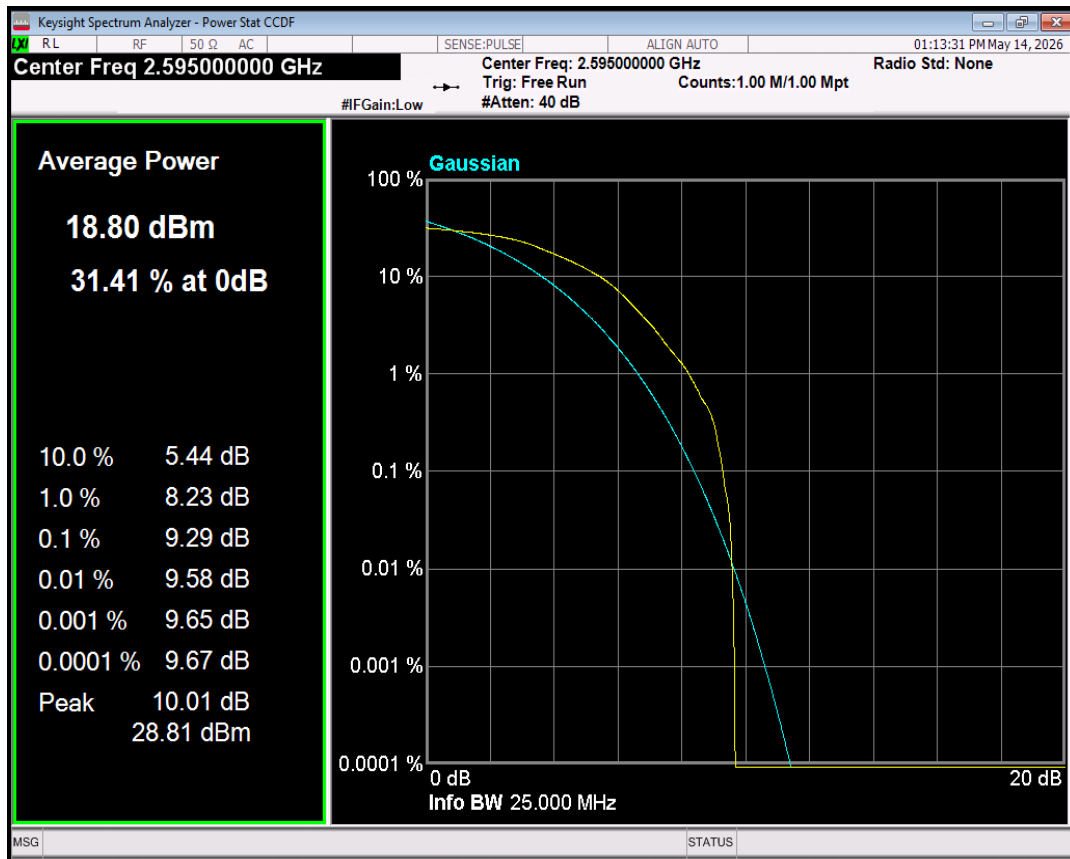
Band4 16QAM BW=20MHz Channel=20175 RB Size=1 Position=#0



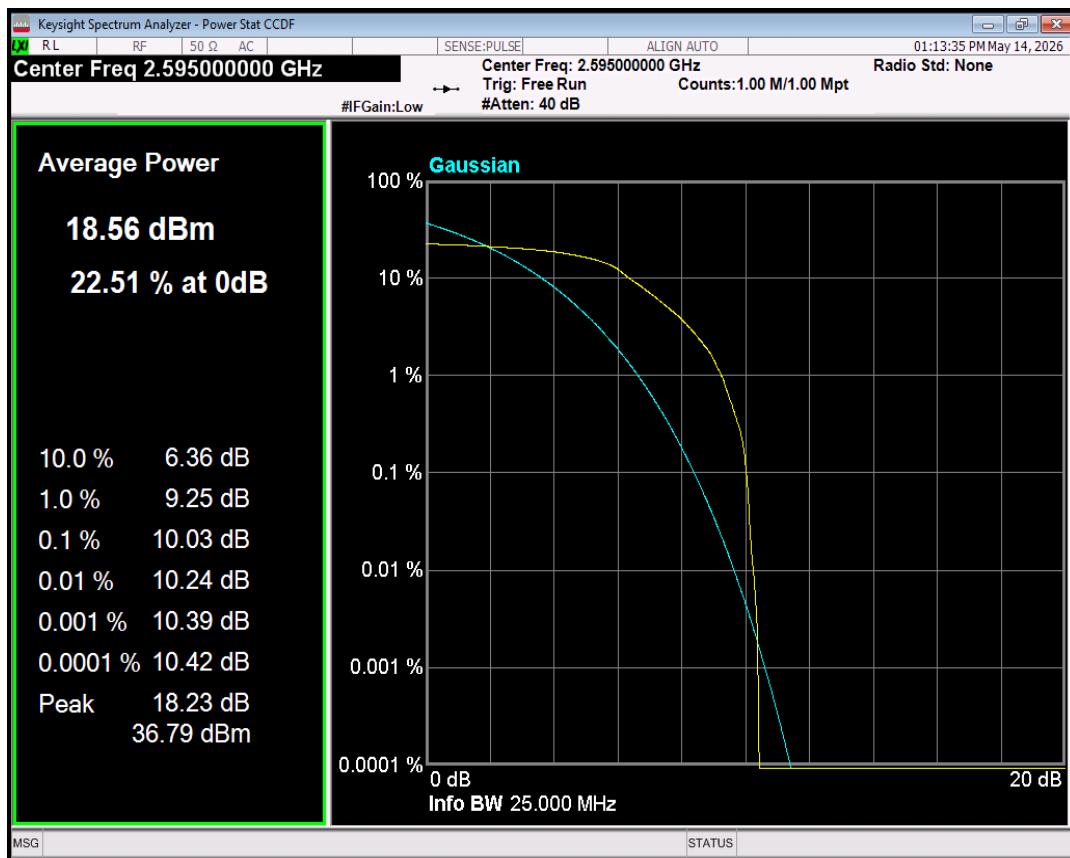
Band41(2535-2655) QPSK BW=5MHz Channel=40640 RB Size=1 Position=#0



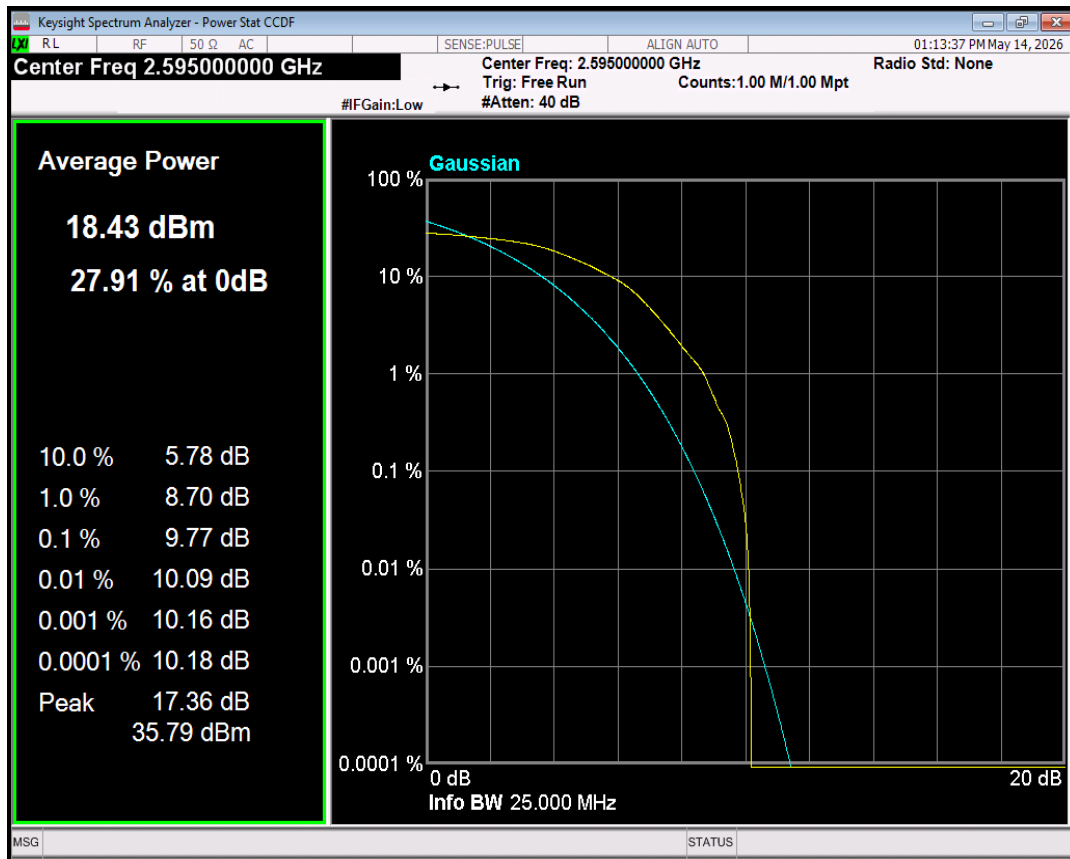
Band41(2535-2655) 16QAM BW=5MHz Channel=40640 RB Size=1 Position=#0



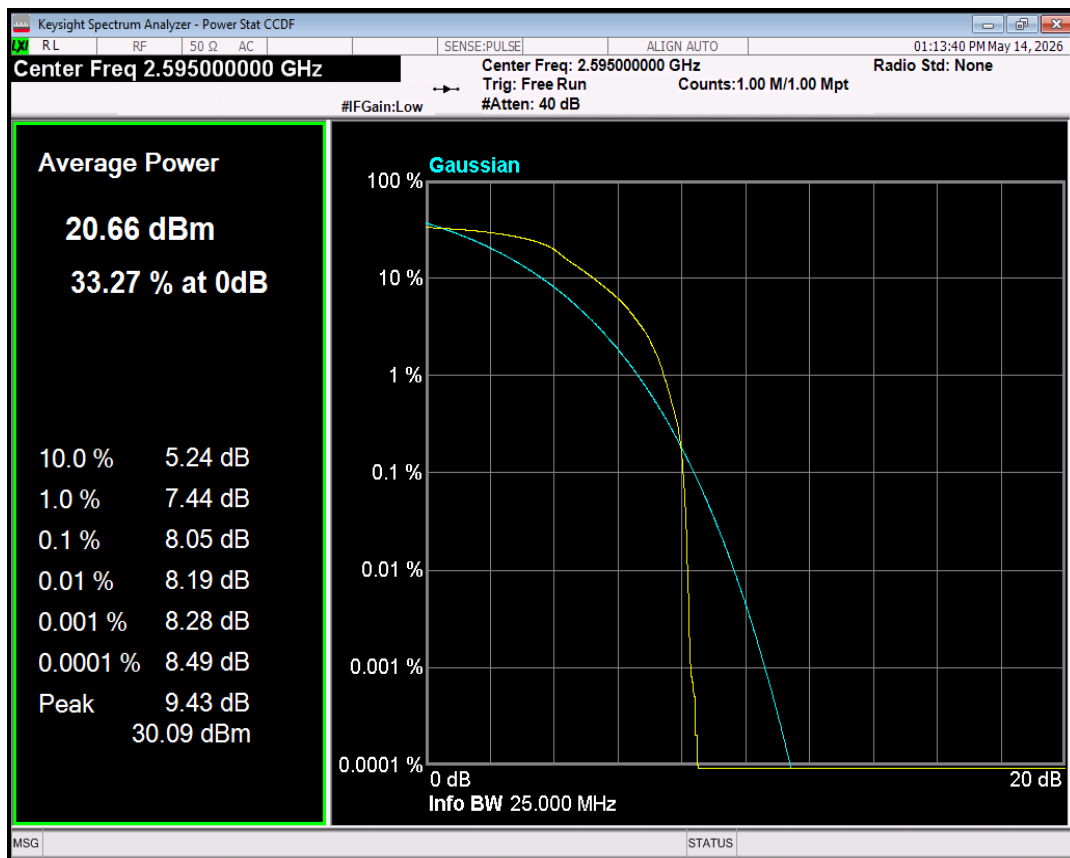
Band41(2535-2655) QPSK BW=10MHz Channel=40640 RB Size=1 Position=#0



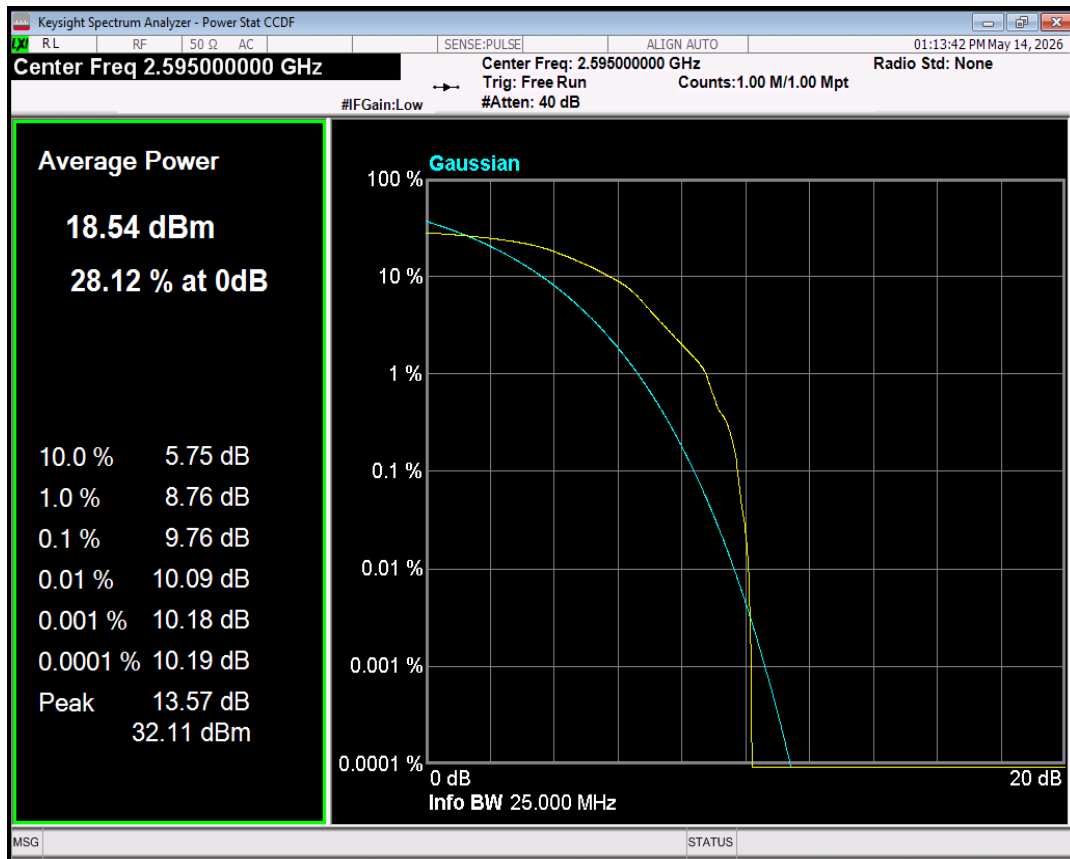
Band41(2535-2655) 16QAM BW=10MHz Channel=40640 RB Size=1 Position=#0



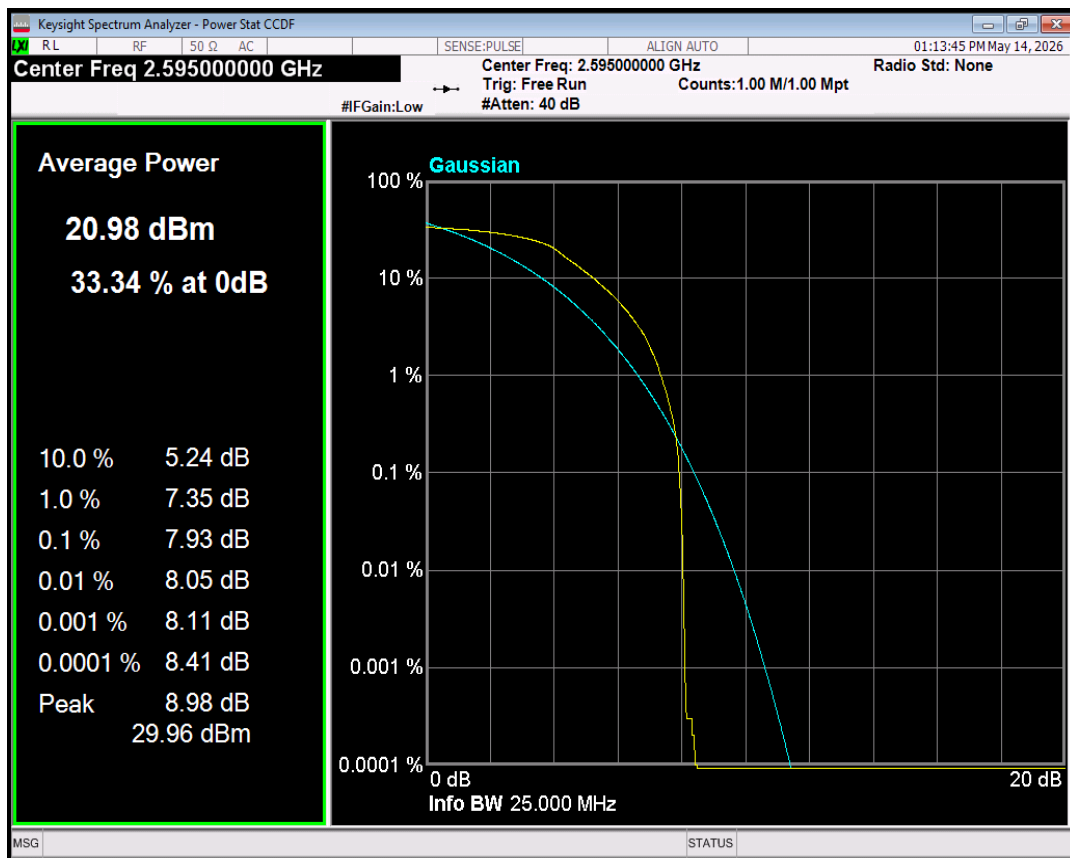
Band41(2535-2655) QPSK BW=15MHz Channel=40640 RB Size=1 Position=#0



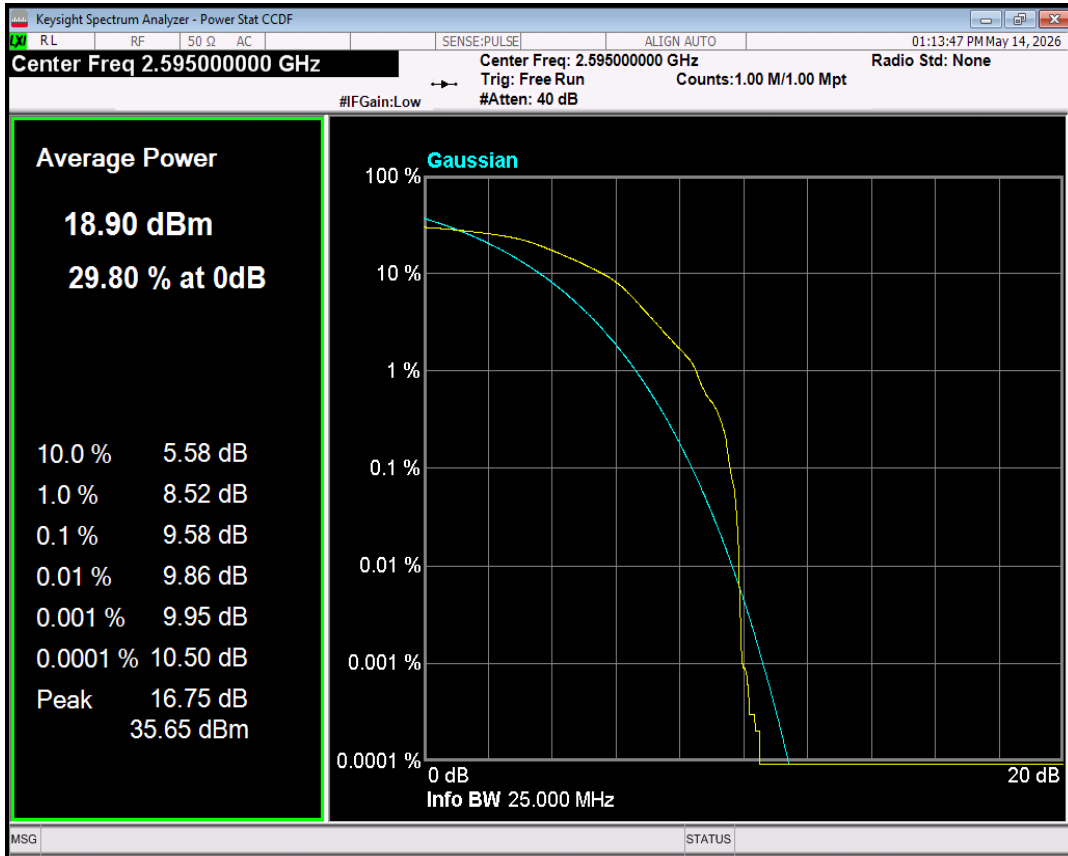
Band41(2535-2655) 16QAM BW=15MHz Channel=40640 RB Size=1 Position=#0



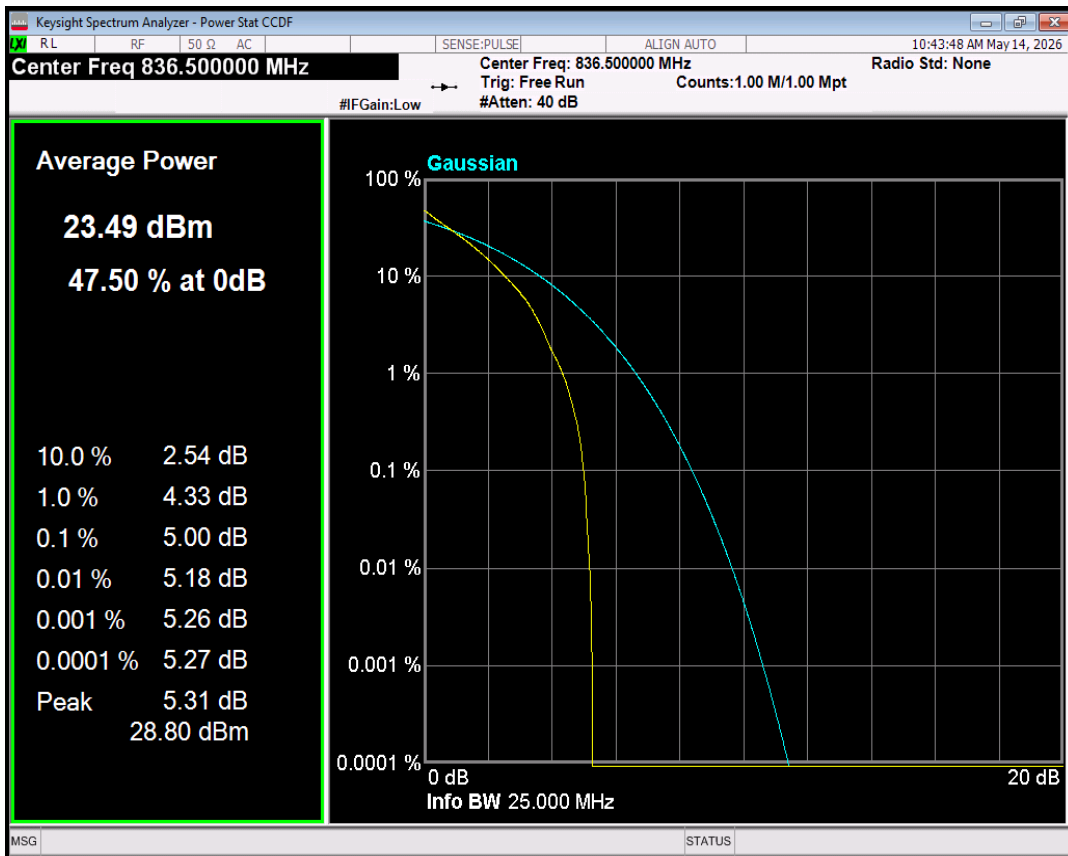
Band41(2535-2655) QPSK BW=20MHz Channel=40640 RB Size=1 Position=#0



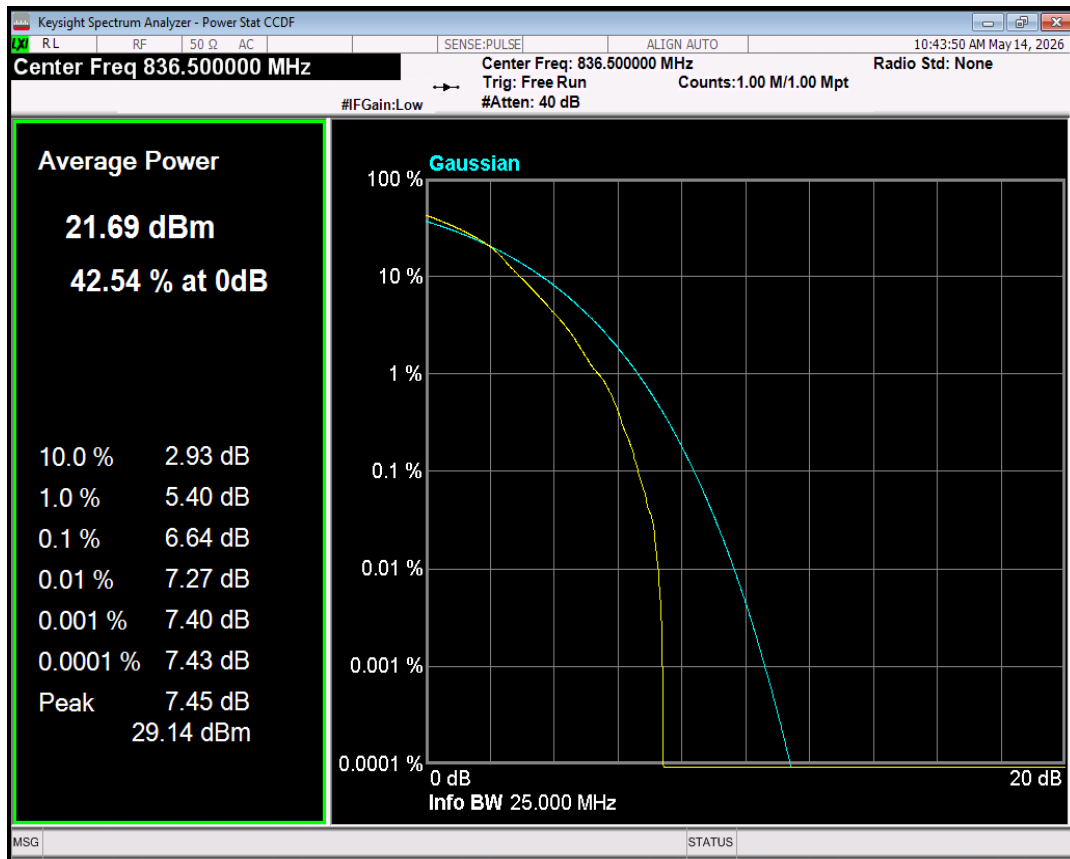
Band41(2535-2655) 16QAM BW=20MHz Channel=40640 RB Size=1 Position=#0



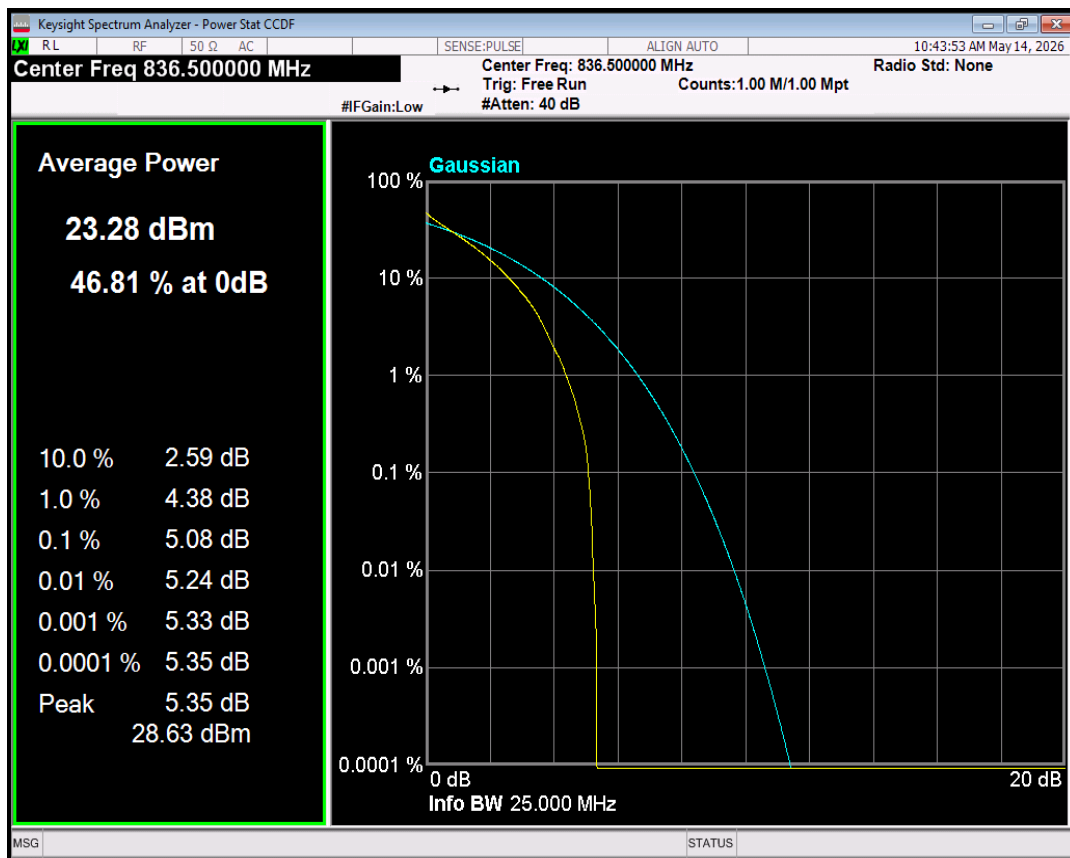
Band5 QPSK BW=1.4MHz Channel=20525 RB Size=1 Position=#0



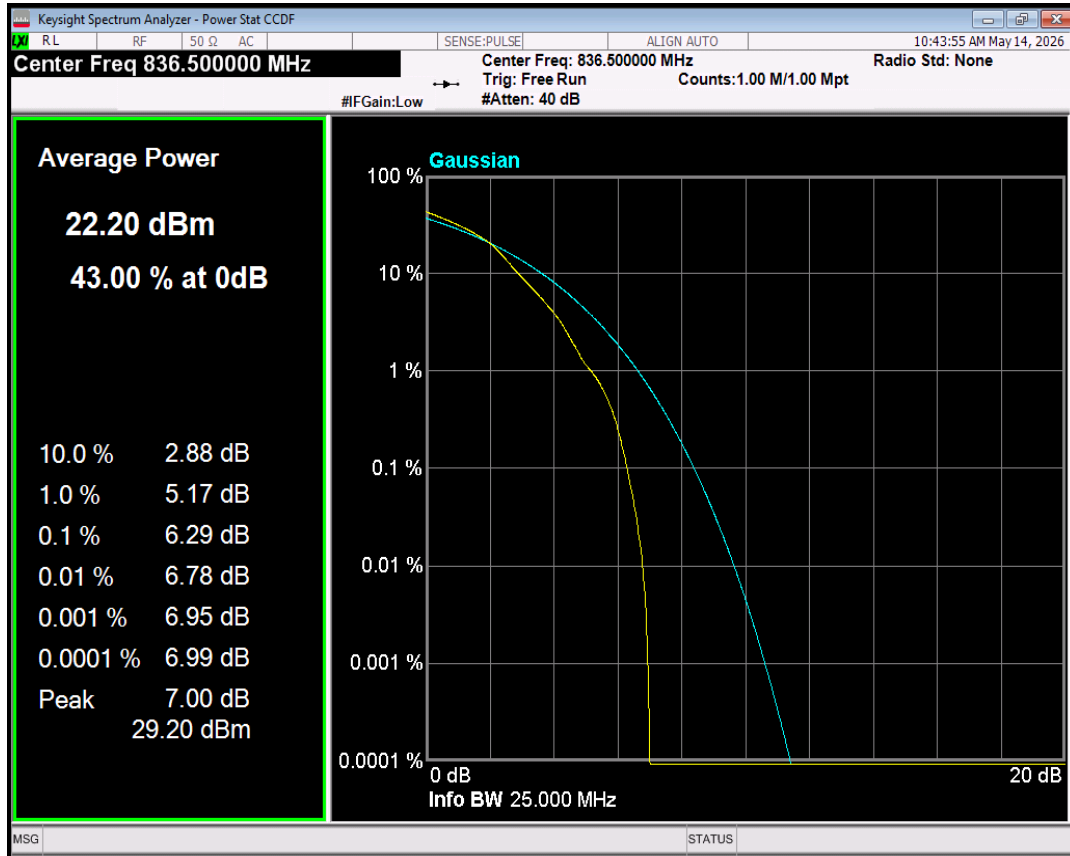
Band5 16QAM BW=1.4MHz Channel=20525 RB Size=1 Position=#0



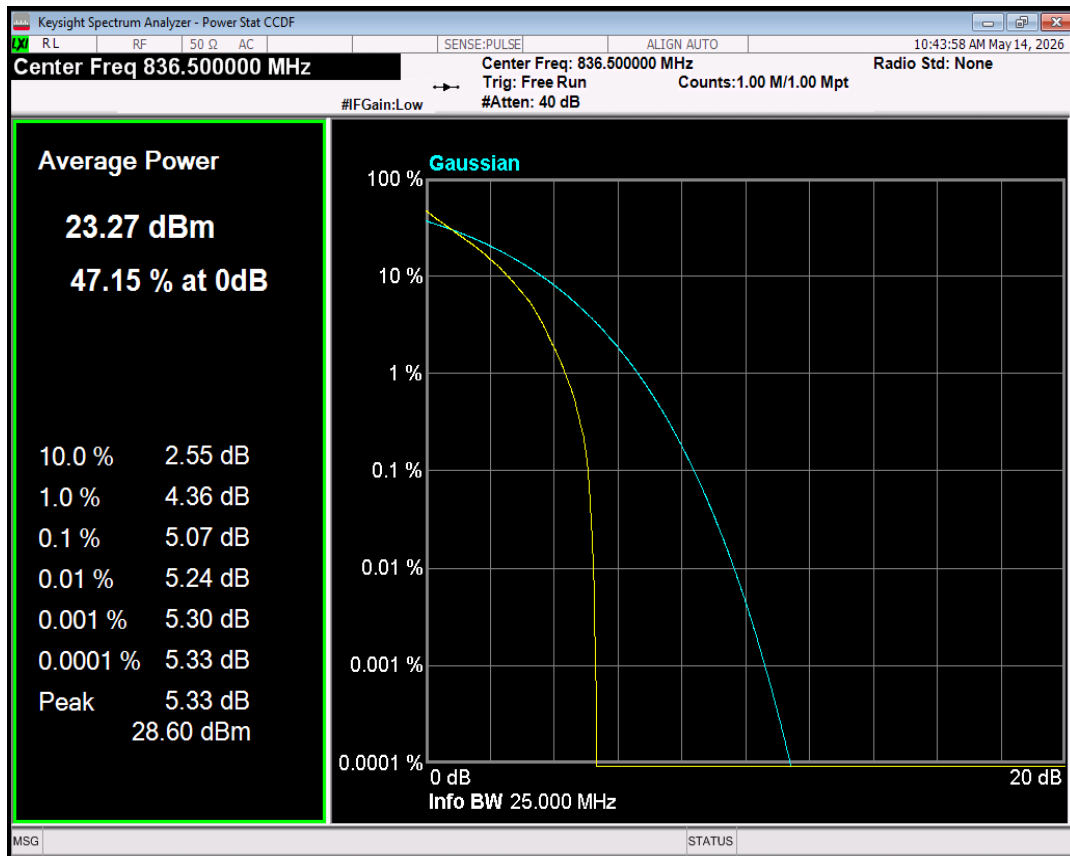
Band5 QPSK BW=3MHz Channel=20525 RB Size=1 Position=#0



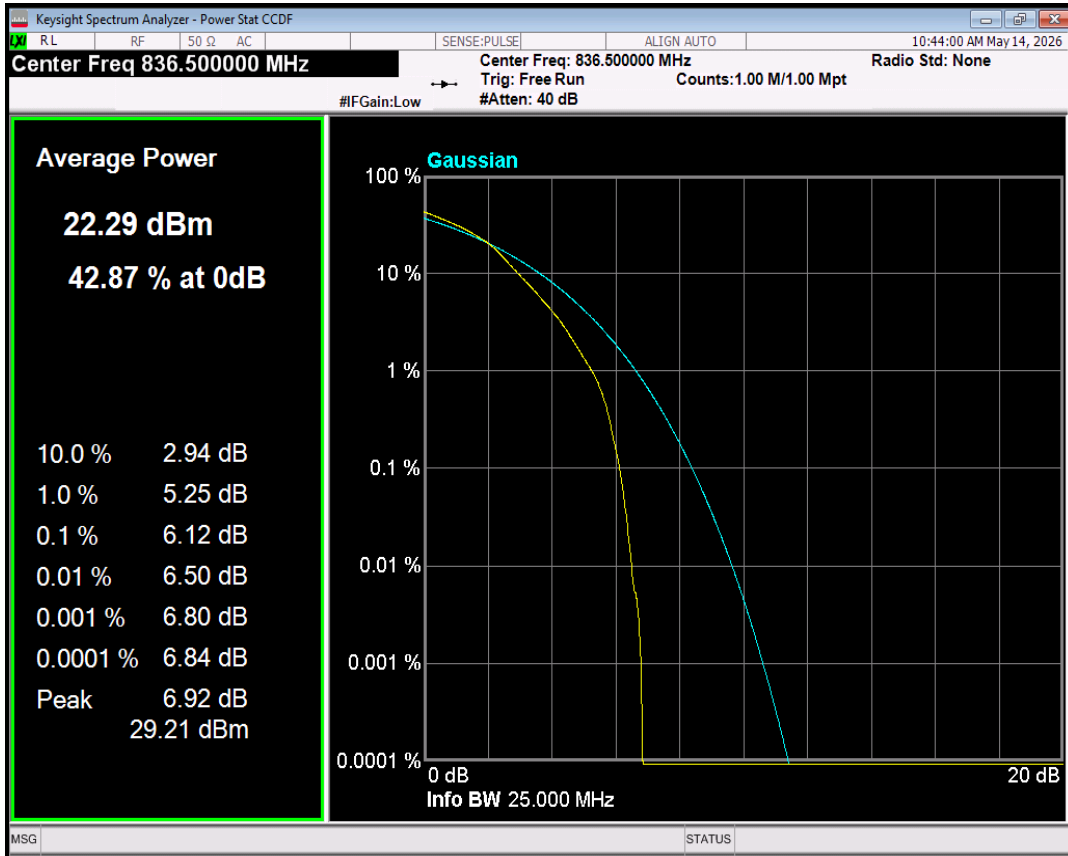
Band5 16QAM BW=3MHz Channel=20525 RB Size=1 Position=#0



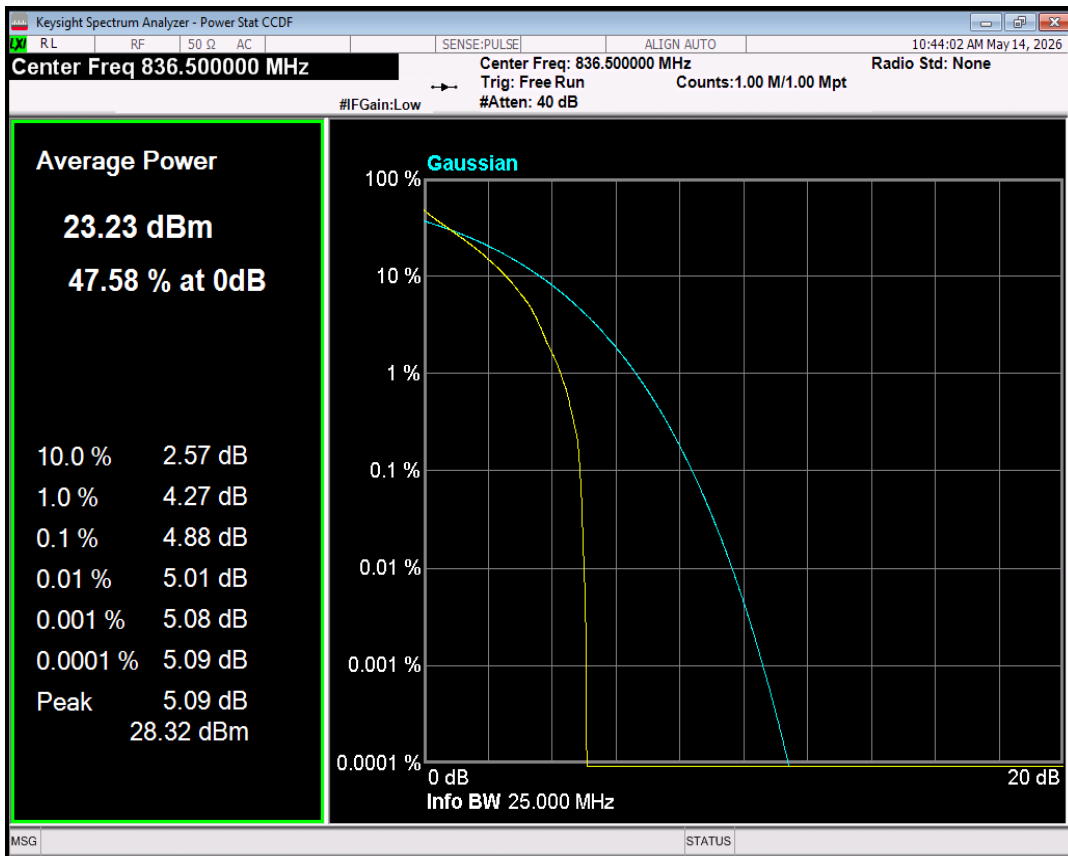
Band5 QPSK BW=5MHz Channel=20525 RB Size=1 Position=#0



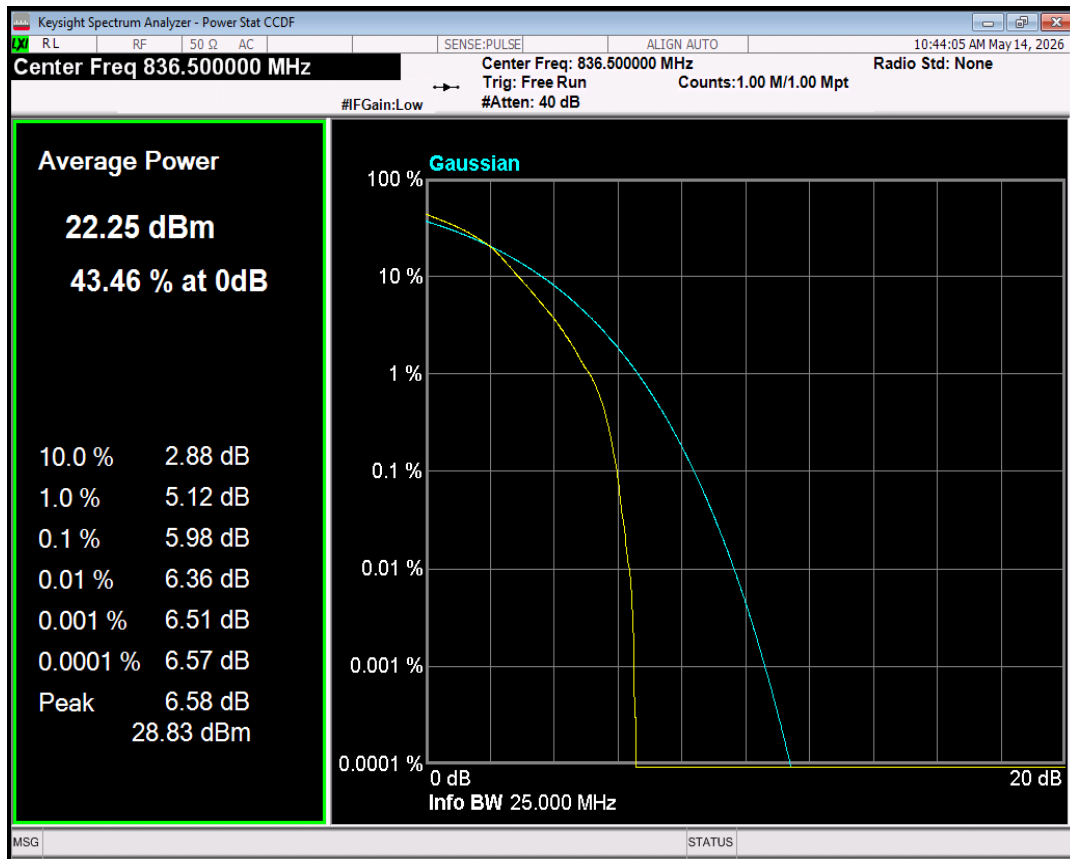
Band5 16QAM BW=5MHz Channel=20525 RB Size=1 Position=#0



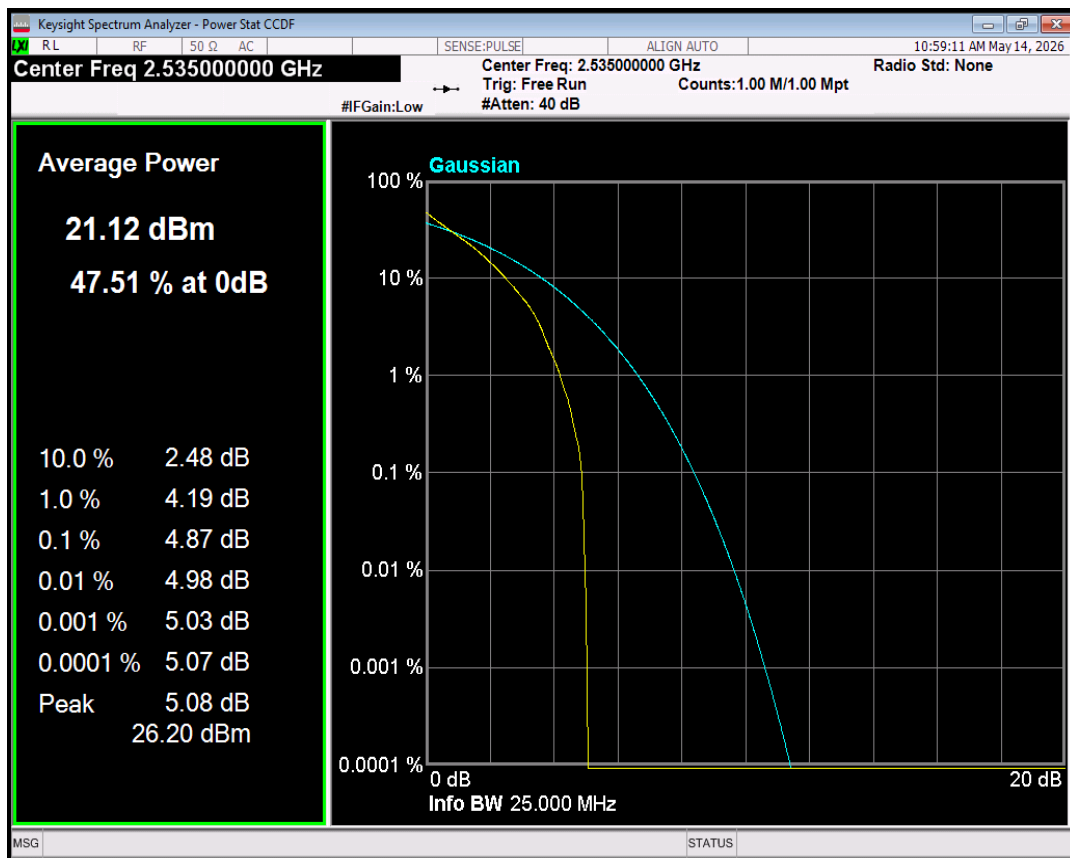
Band5 QPSK BW=10MHz Channel=20525 RB Size=1 Position=#0



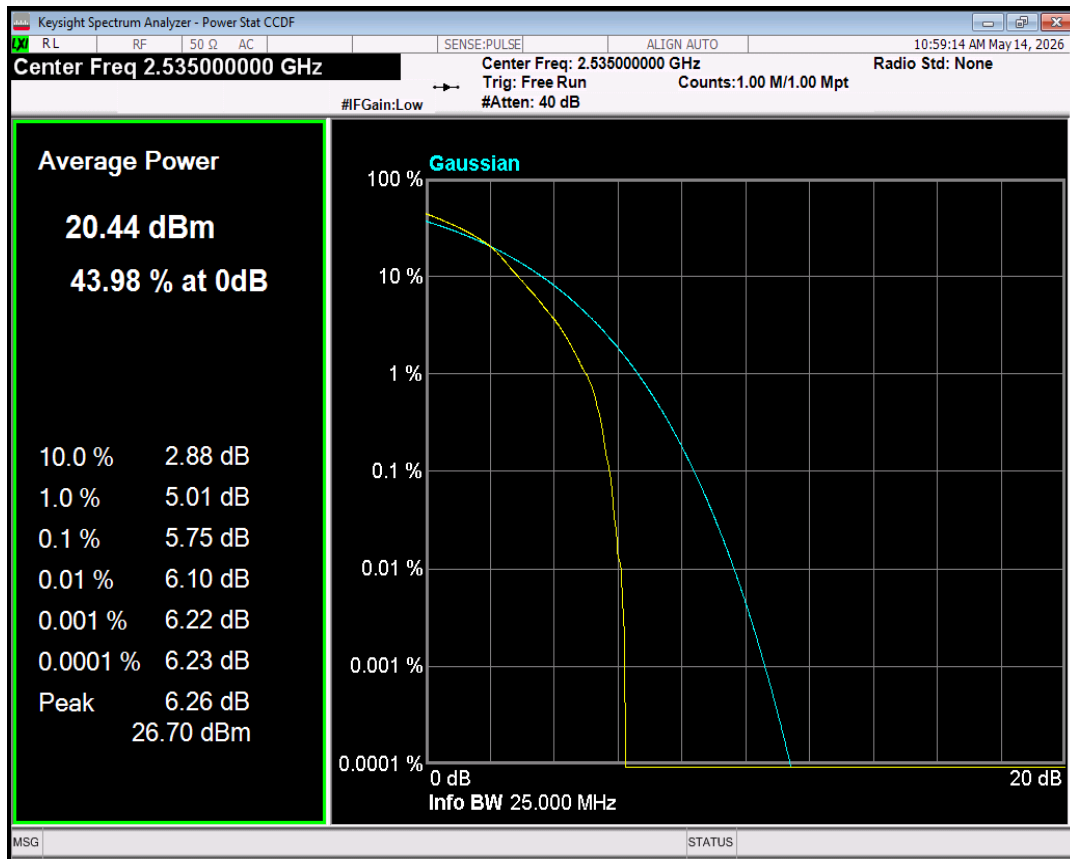
Band5 16QAM BW=10MHz Channel=20525 RB Size=1 Position=#0



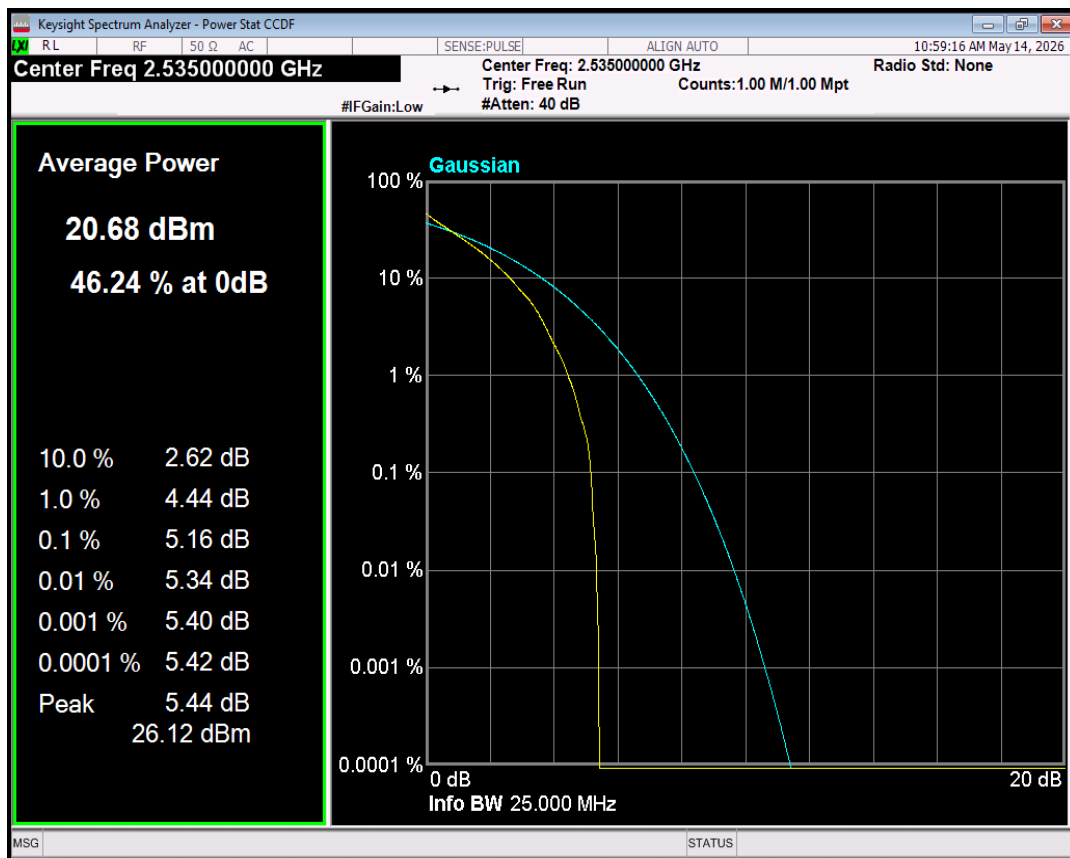
Band7 QPSK BW=5MHz Channel=21100 RB Size=1 Position=#0



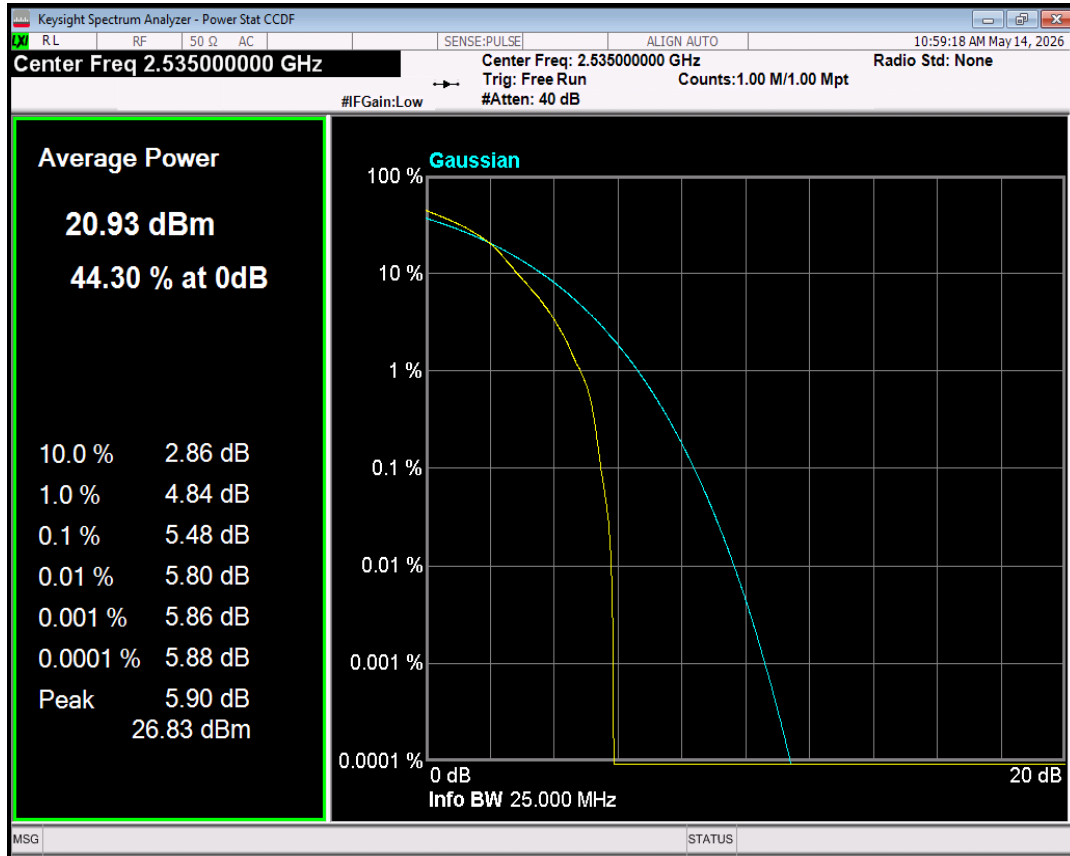
Band7 16QAM BW=5MHz Channel=21100 RB Size=1 Position=#0



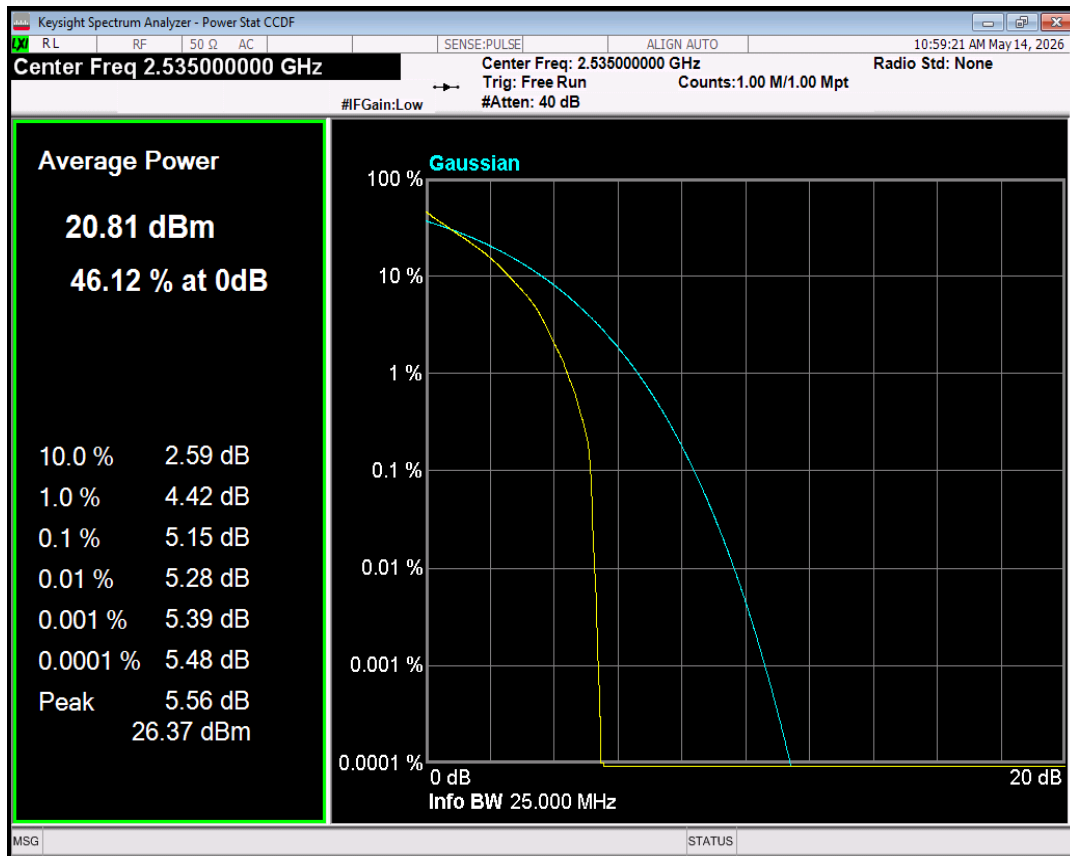
Band7 QPSK BW=10MHz Channel=21100 RB Size=1 Position=#0



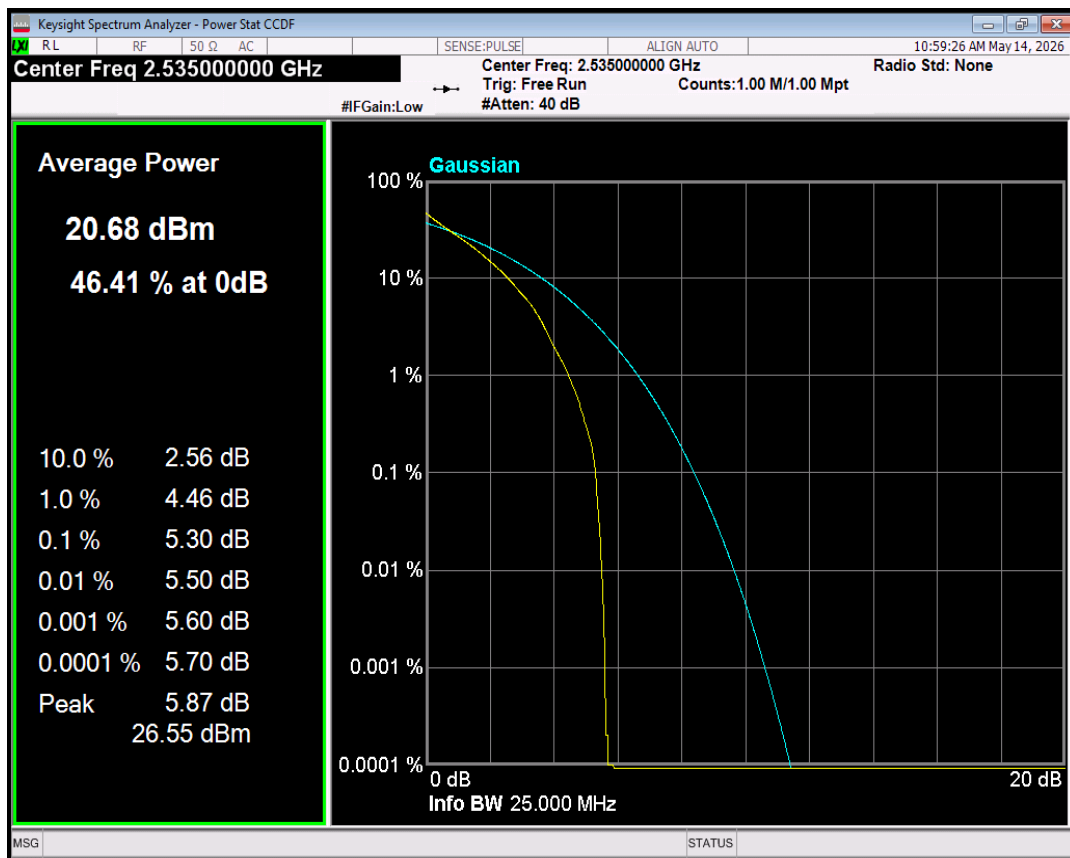
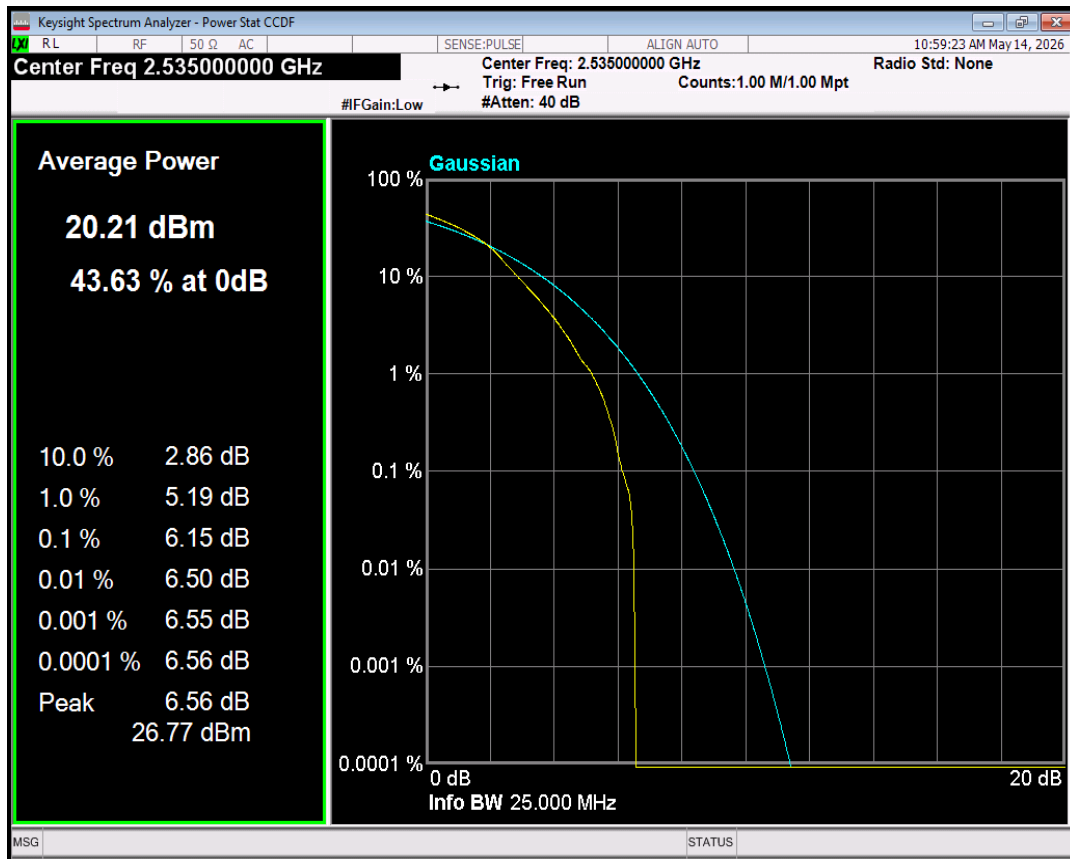
Band7 16QAM BW=10MHz Channel=21100 RB Size=1 Position=#0

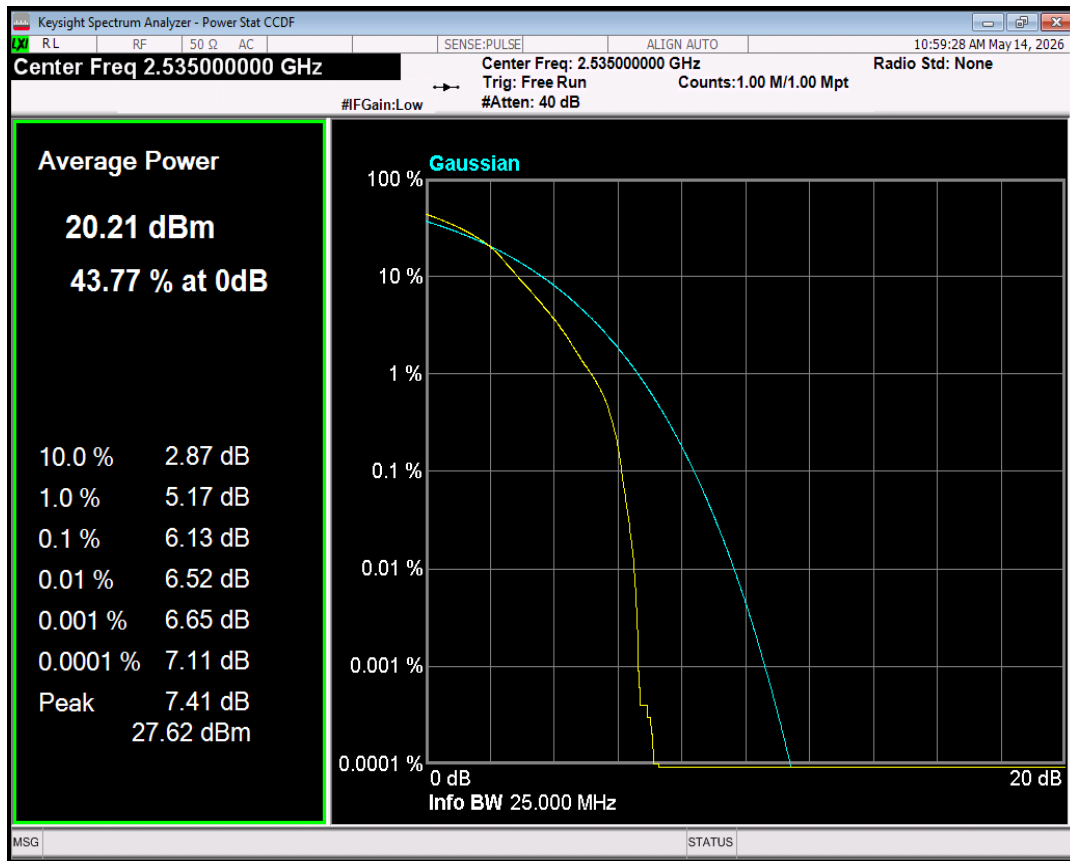


Band7 QPSK BW=15MHz Channel=21100 RB Size=1 Position=#0



Band7 16QAM BW=15MHz Channel=21100 RB Size=1 Position=#0



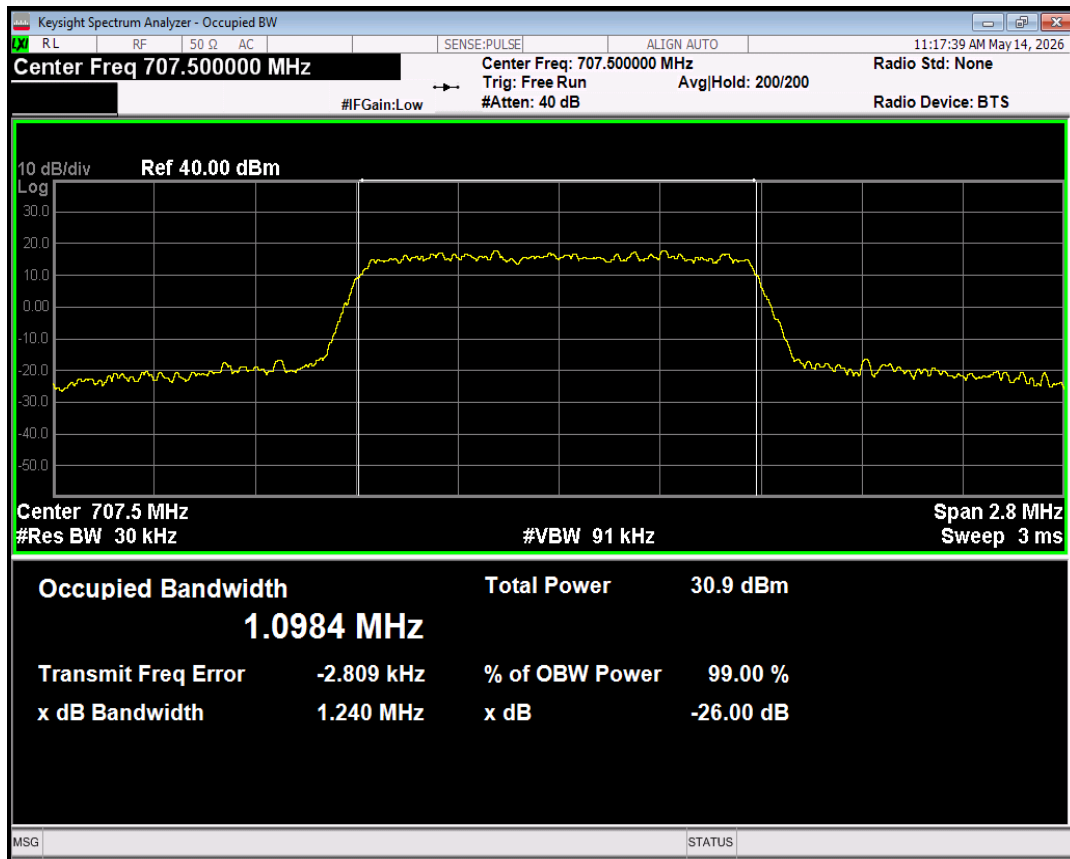


04 Occupied bandwidth

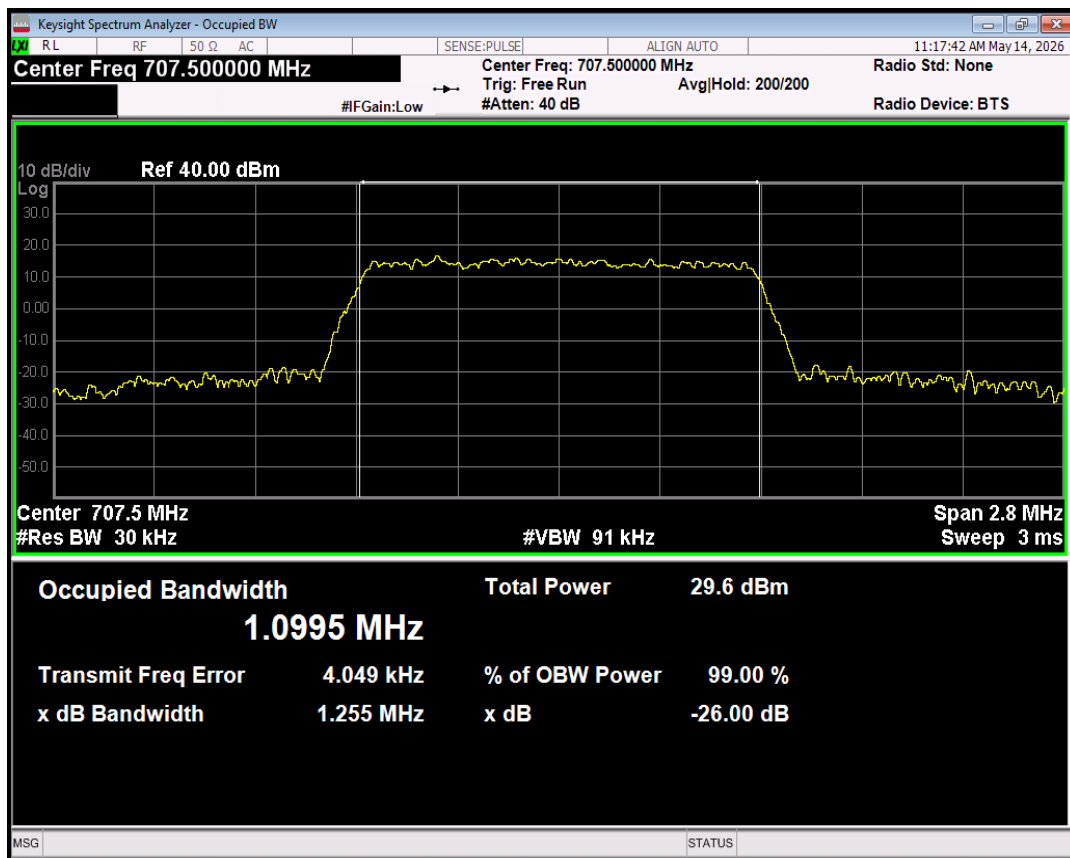
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
Band12	1.4	23095	6	#0	QPSK	1.098	1.240	PASS
Band12	1.4	23095	6	#0	16QAM	1.100	1.255	PASS
Band12	3	23095	15	#0	QPSK	2.707	3.020	PASS
Band12	3	23095	15	#0	16QAM	2.711	3.024	PASS
Band12	5	23095	25	#0	QPSK	4.496	4.949	PASS
Band12	5	23095	25	#0	16QAM	4.502	4.980	PASS
Band12	10	23095	50	#0	QPSK	8.981	9.734	PASS
Band12	10	23095	50	#0	16QAM	8.956	9.808	PASS
Band17	5	23790	25	#0	QPSK	4.497	4.939	PASS
Band17	5	23790	25	#0	16QAM	4.493	4.909	PASS
Band17	10	23790	50	#0	QPSK	8.967	9.743	PASS
Band17	10	23790	50	#0	16QAM	8.972	9.903	PASS
Band2	1.4	18900	6	#0	QPSK	1.102	1.253	PASS
Band2	1.4	18900	6	#0	16QAM	1.099	1.244	PASS
Band2	3	18900	15	#0	QPSK	2.719	3.036	PASS
Band2	3	18900	15	#0	16QAM	2.718	3.043	PASS
Band2	5	18900	25	#0	QPSK	4.492	4.972	PASS
Band2	5	18900	25	#0	16QAM	4.516	4.970	PASS
Band2	10	18900	50	#0	QPSK	8.983	9.823	PASS
Band2	10	18900	50	#0	16QAM	8.978	9.836	PASS

Band2	15	18900	75	#0	QPSK	13.541	14.908	PASS
Band2	15	18900	75	#0	16QAM	13.519	14.922	PASS
Band2	20	18900	100	#0	QPSK	17.981	19.808	PASS
Band2	20	18900	100	#0	16QAM	17.975	19.575	PASS
Band4	1.4	20175	6	#0	QPSK	1.095	1.239	PASS
Band4	1.4	20175	6	#0	16QAM	1.093	1.277	PASS
Band4	3	20175	15	#0	QPSK	2.727	3.057	PASS
Band4	3	20175	15	#0	16QAM	2.717	3.044	PASS
Band4	5	20175	25	#0	QPSK	4.503	4.962	PASS
Band4	5	20175	25	#0	16QAM	4.500	4.969	PASS
Band4	10	20175	50	#0	QPSK	9.033	9.759	PASS
Band4	10	20175	50	#0	16QAM	8.989	9.866	PASS
Band4	15	20175	75	#0	QPSK	13.459	15.089	PASS
Band4	15	20175	75	#0	16QAM	13.501	15.029	PASS
Band4	20	20175	100	#0	QPSK	17.981	20.037	PASS
Band4	20	20175	100	#0	16QAM	18.021	19.577	PASS
Band41(2535-2655)	5	40640	25	#0	QPSK	4.509	5.269	PASS
Band41(2535-2655)	5	40640	25	#0	16QAM	4.500	5.081	PASS
Band41(2535-2655)	10	40640	50	#0	QPSK	8.980	9.905	PASS
Band41(2535-2655)	10	40640	50	#0	16QAM	8.972	9.774	PASS
Band41(2535-2655)	15	40640	75	#0	QPSK	13.442	15.347	PASS
Band41(2535-2655)	15	40640	75	#0	16QAM	13.430	14.586	PASS
Band41(2535-2655)	20	40640	100	#0	QPSK	17.960	19.761	PASS
Band41(2535-2655)	20	40640	100	#0	16QAM	17.957	19.635	PASS
Band5	1.4	20525	6	#0	QPSK	1.095	1.240	PASS
Band5	1.4	20525	6	#0	16QAM	1.097	1.250	PASS
Band5	3	20525	15	#0	QPSK	2.705	3.014	PASS
Band5	3	20525	15	#0	16QAM	2.713	2.985	PASS
Band5	5	20525	25	#0	QPSK	4.481	4.966	PASS
Band5	5	20525	25	#0	16QAM	4.500	4.962	PASS
Band5	10	20525	50	#0	QPSK	9.003	9.855	PASS
Band5	10	20525	50	#0	16QAM	8.904	9.350	PASS
Band7	5	21100	25	#0	QPSK	4.501	4.953	PASS
Band7	5	21100	25	#0	16QAM	4.480	4.919	PASS
Band7	10	21100	50	#0	QPSK	8.979	9.864	PASS
Band7	10	21100	50	#0	16QAM	8.947	9.872	PASS
Band7	15	21100	75	#0	QPSK	13.457	14.829	PASS
Band7	15	21100	75	#0	16QAM	13.511	14.867	PASS
Band7	20	21100	100	#0	QPSK	17.981	19.714	PASS
Band7	20	21100	100	#0	16QAM	17.973	19.820	PASS

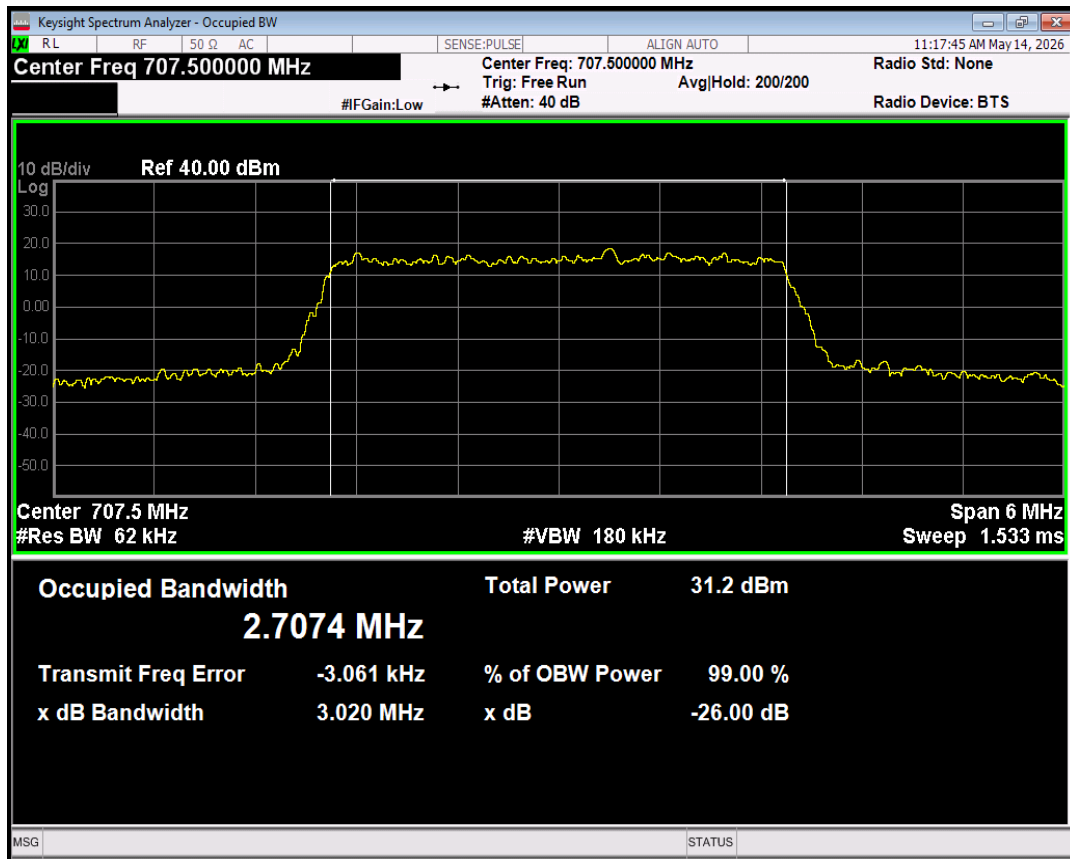
Band12 QPSK BW=1.4MHz Channel=23095 RB Size=6 Position=#0



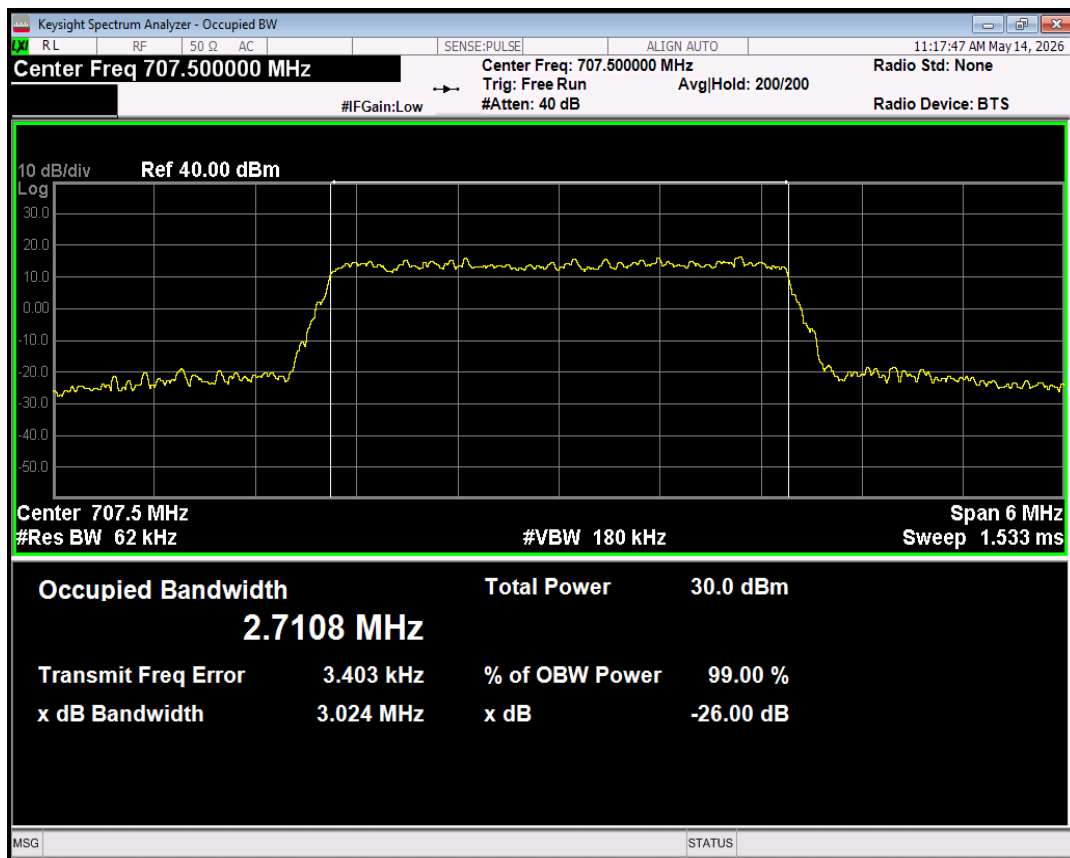
Band12 16QAM BW=1.4MHz Channel=23095 RB Size=6 Position=#0



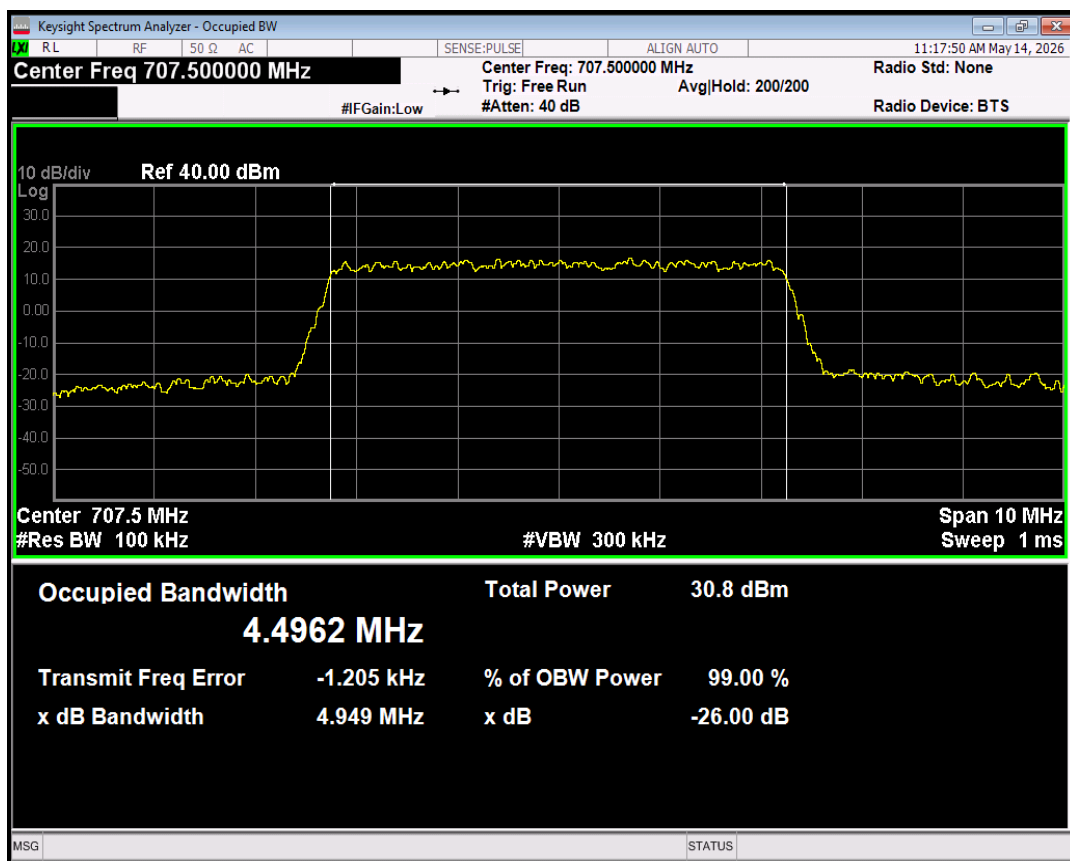
Band12 QPSK BW=3MHz Channel=23095 RB Size=15 Position=#0



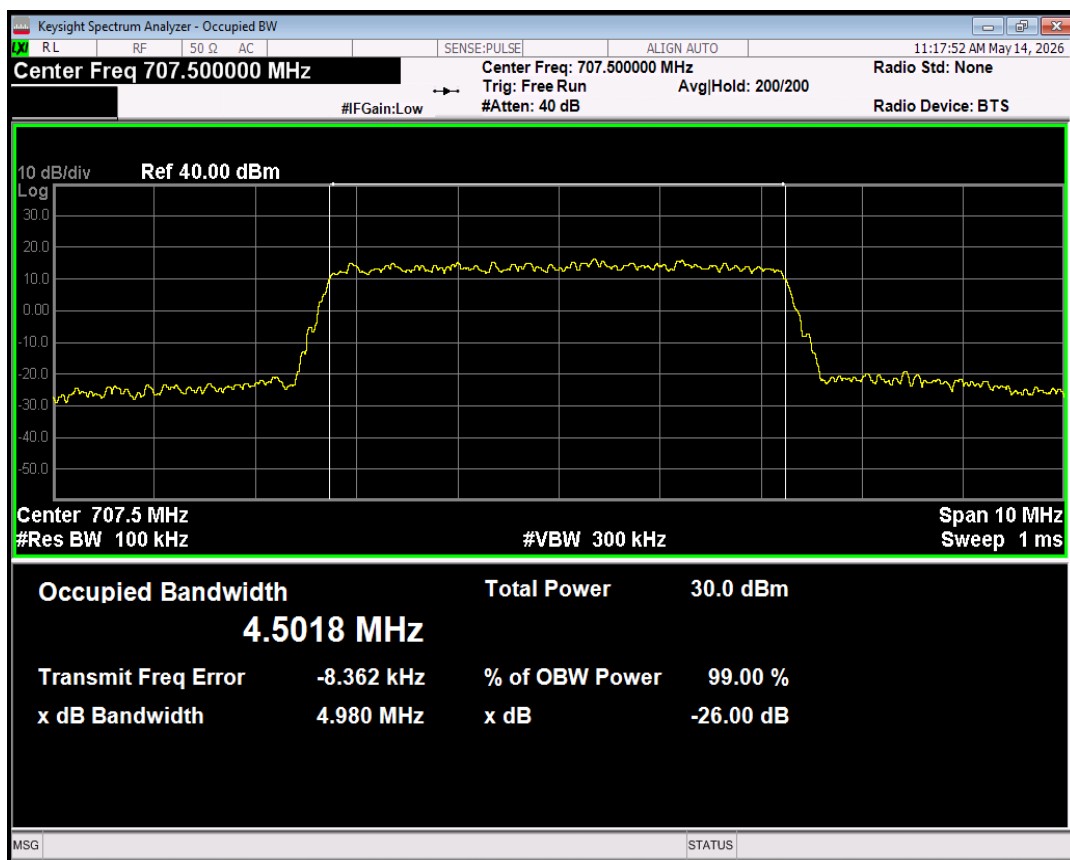
Band12 16QAM BW=3MHz Channel=23095 RB Size=15 Position=#0



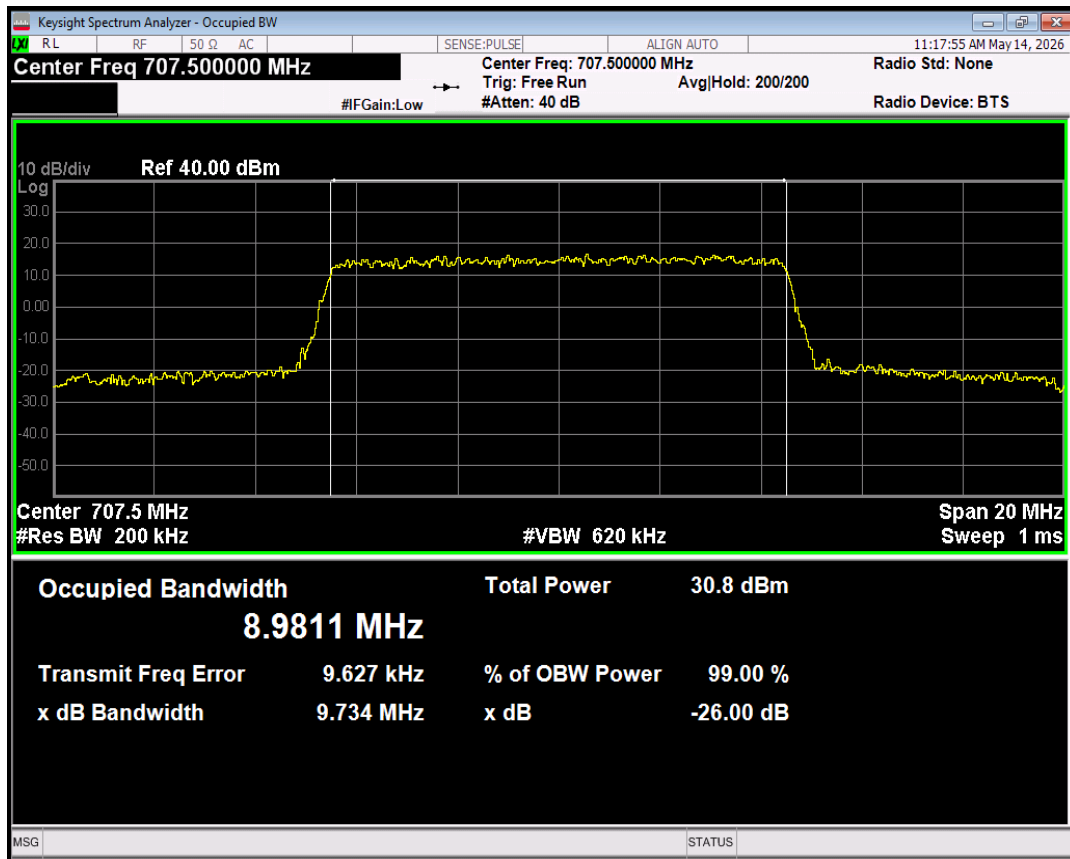
Band12 QPSK BW=5MHz Channel=23095 RB Size=25 Position=#0



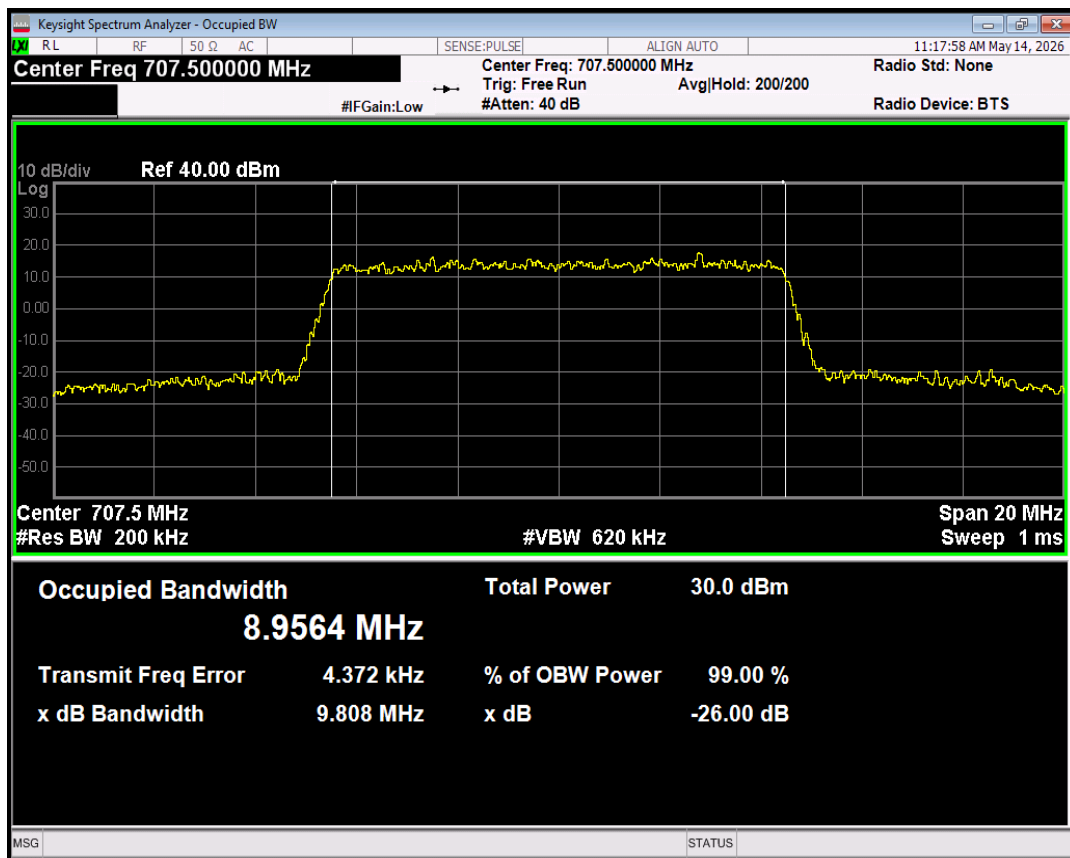
Band12 16QAM BW=5MHz Channel=23095 RB Size=25 Position=#0



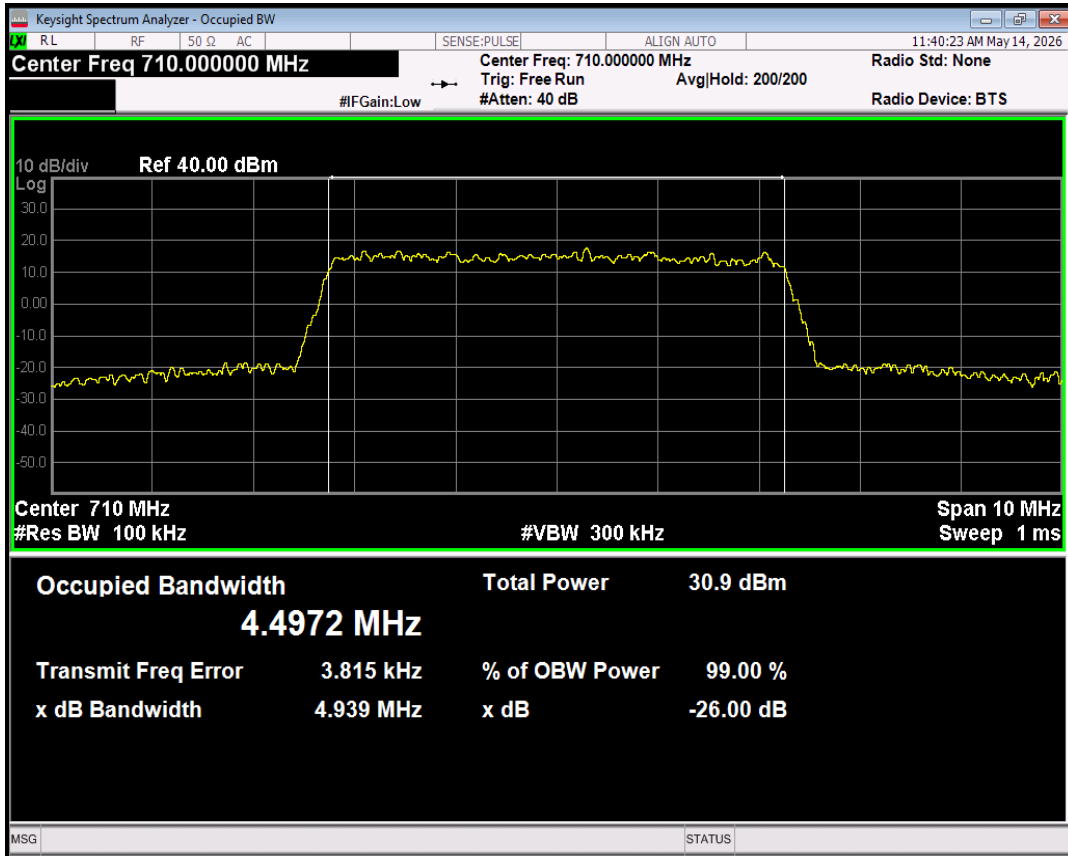
Band12 QPSK BW=10MHz Channel=23095 RB Size=50 Position=#0



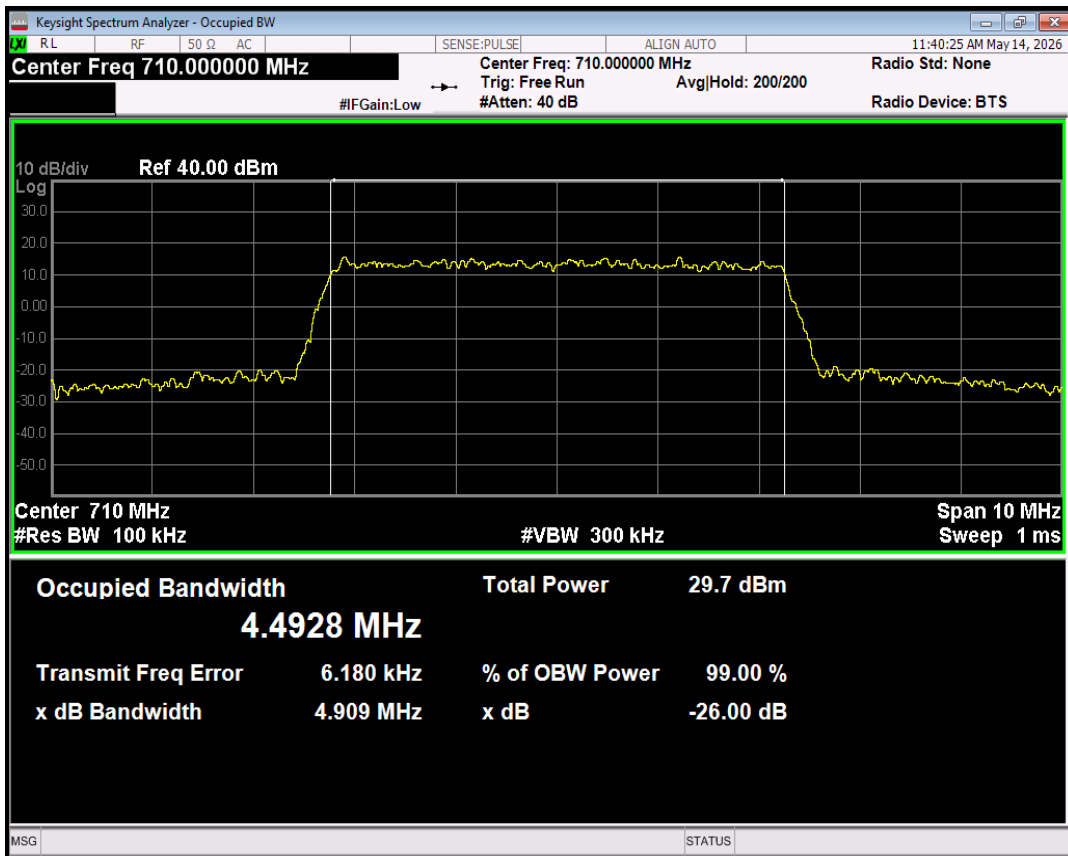
Band12 16QAM BW=10MHz Channel=23095 RB Size=50 Position=#0



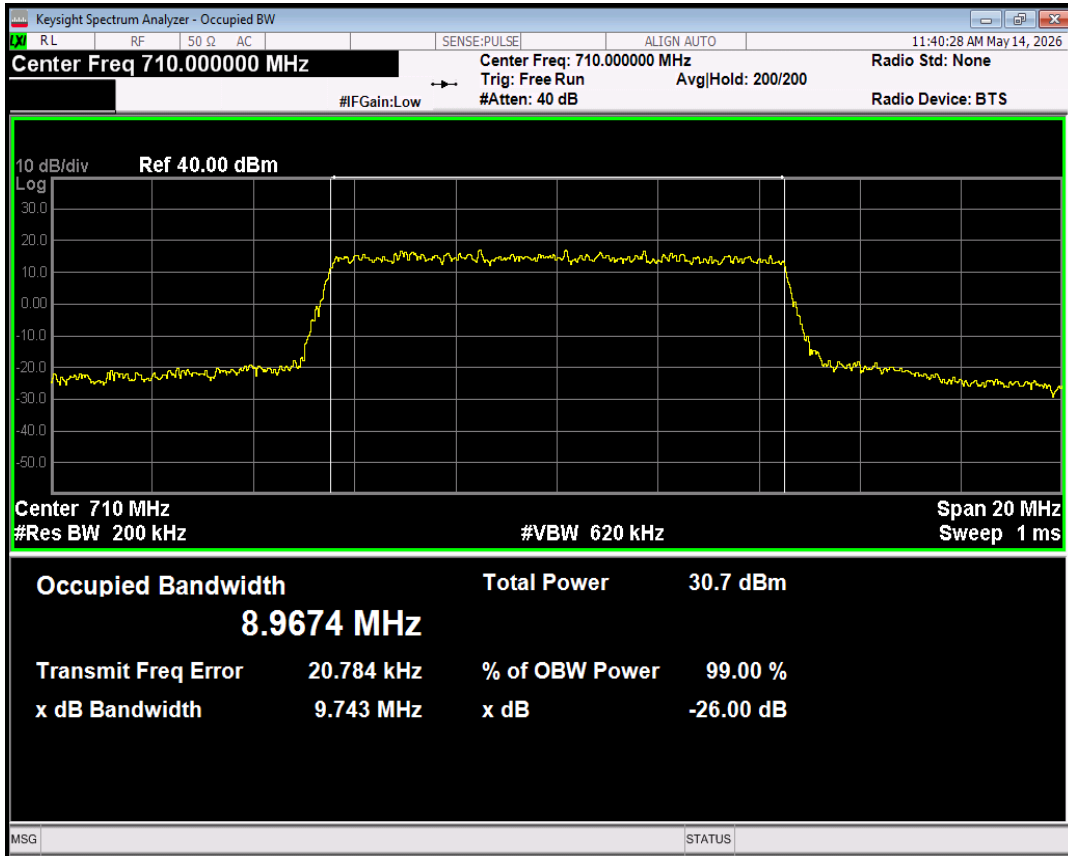
Band17 QPSK BW=5MHz Channel=23790 RB Size=25 Position=#0



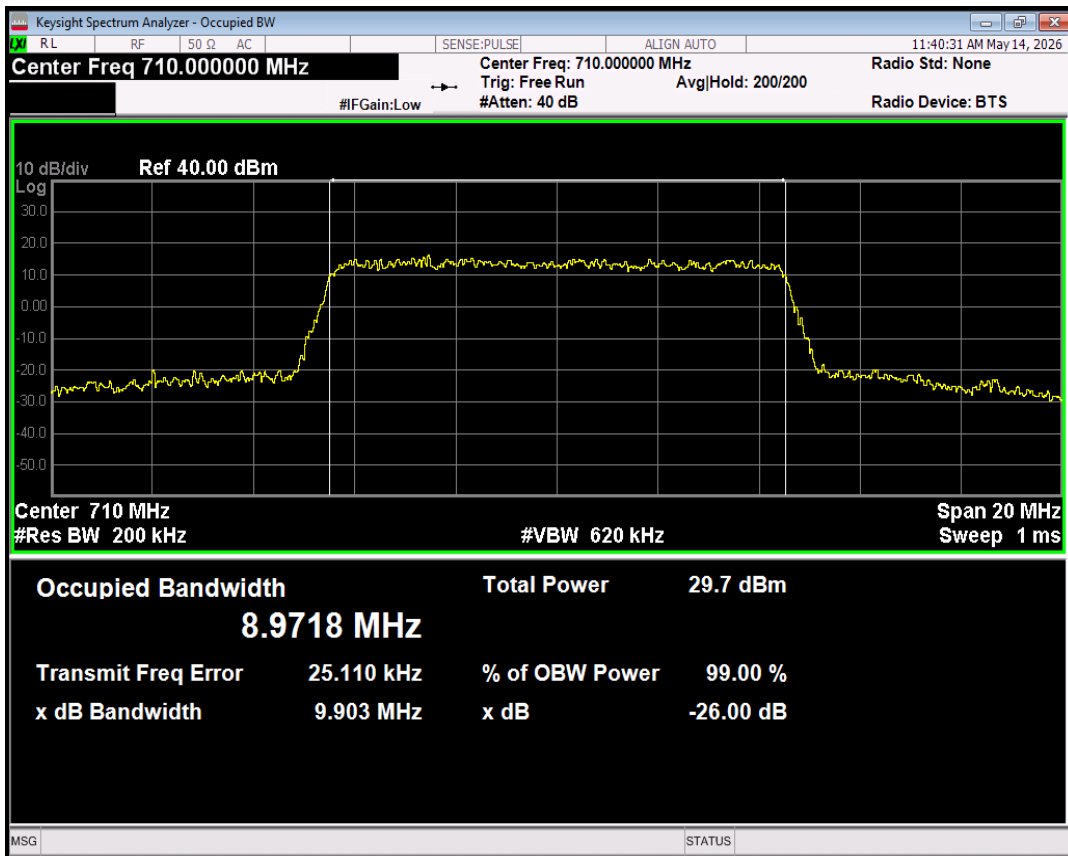
Band17 16QAM BW=5MHz Channel=23790 RB Size=25 Position=#0



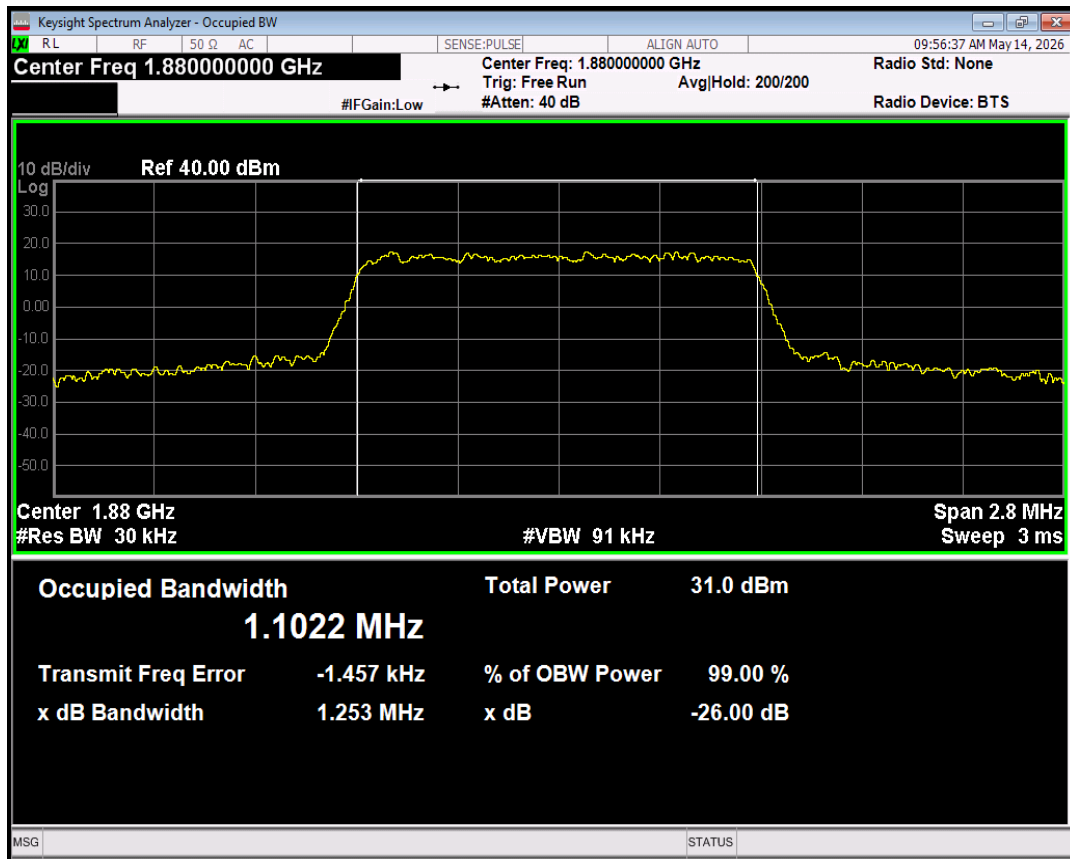
Band17 QPSK BW=10MHz Channel=23790 RB Size=50 Position=#0



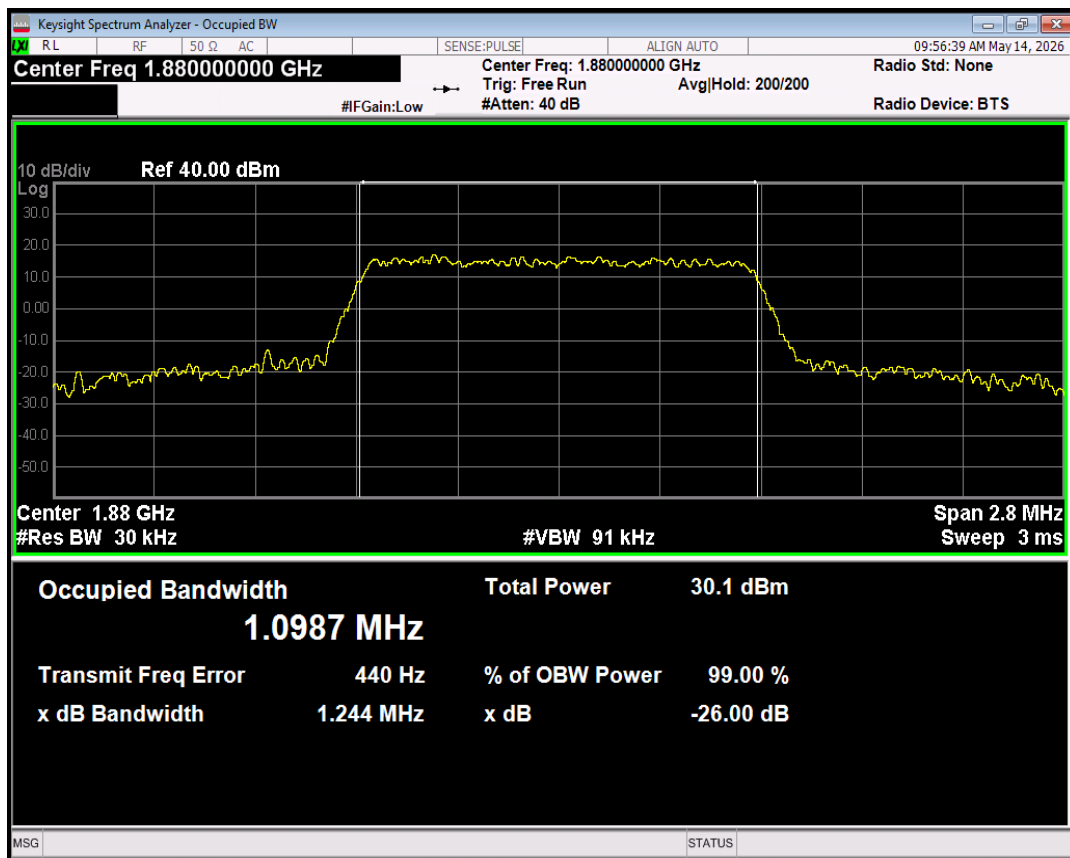
Band17 16QAM BW=10MHz Channel=23790 RB Size=50 Position=#0



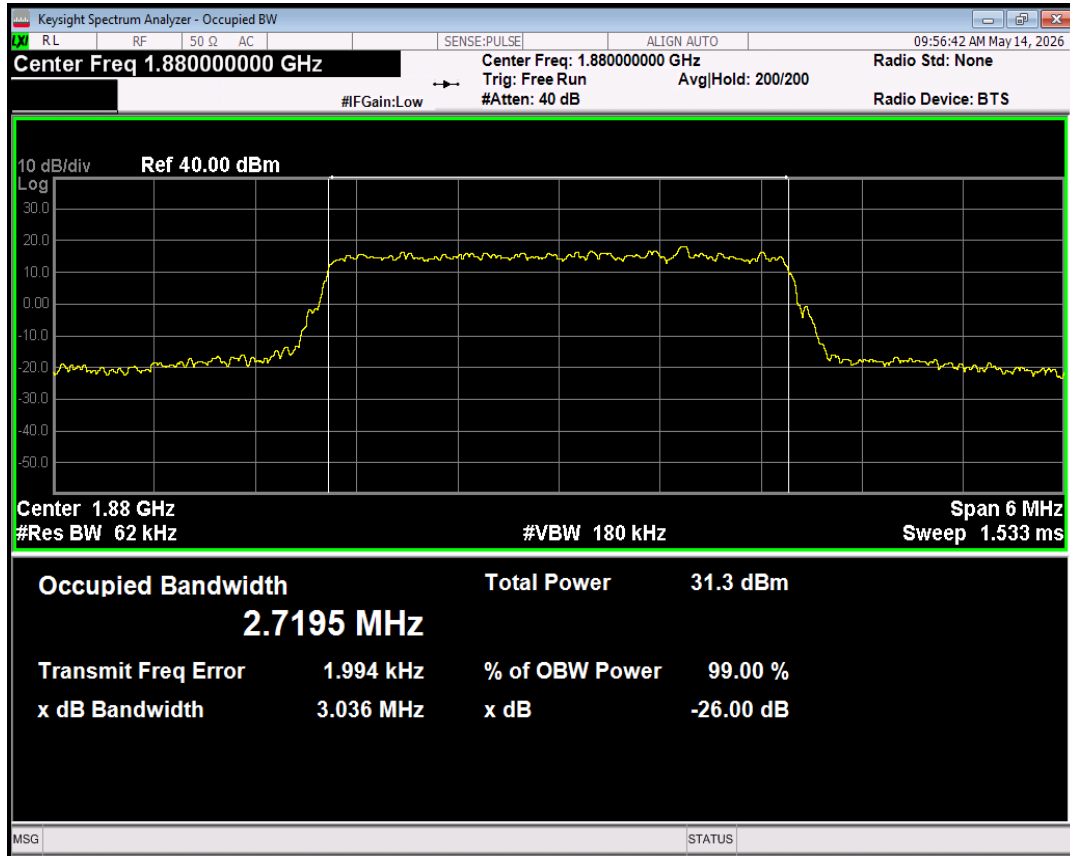
Band2 QPSK BW=1.4MHz Channel=18900 RB Size=6 Position=#0



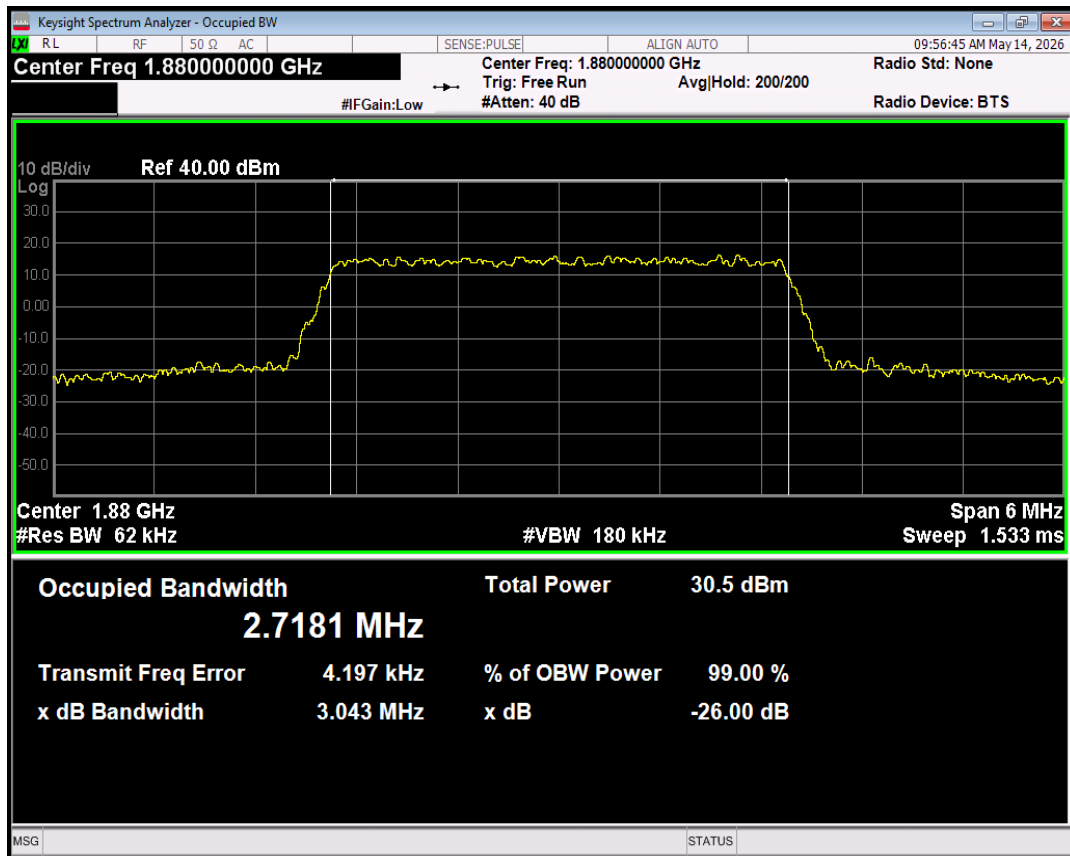
Band2 16QAM BW=1.4MHz Channel=18900 RB Size=6 Position=#0



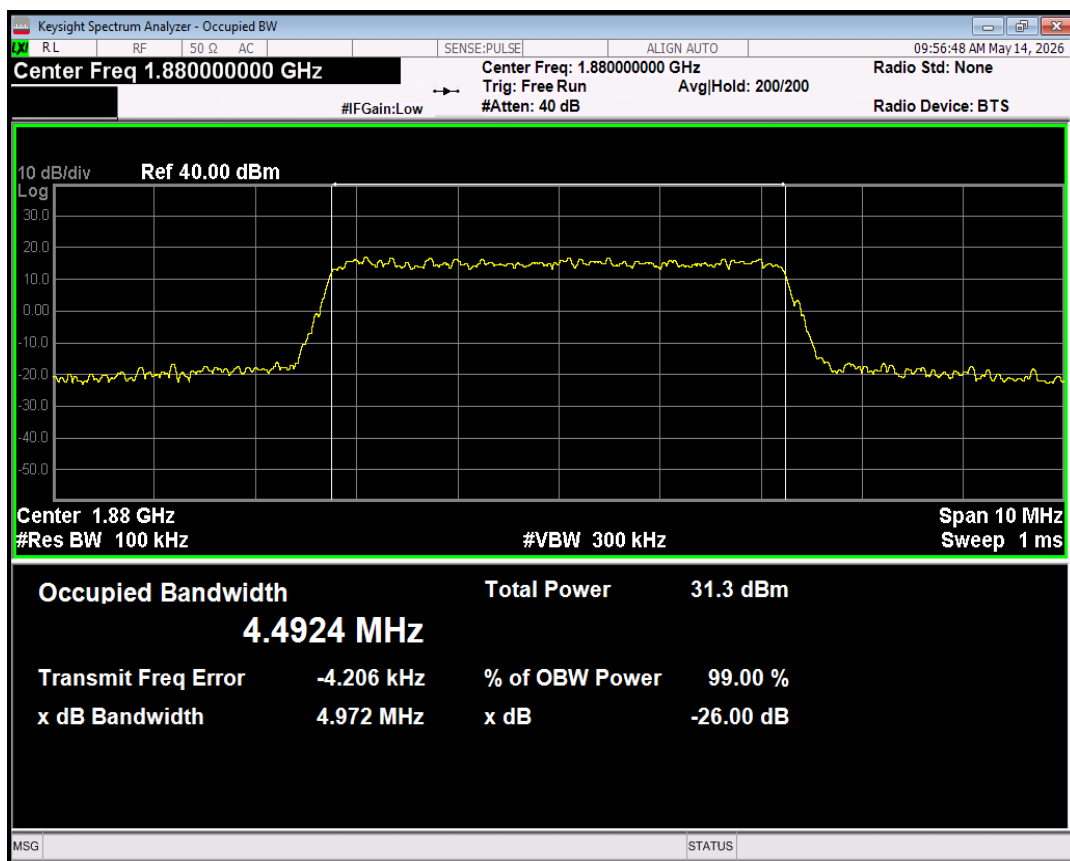
Band2 QPSK BW=3MHz Channel=18900 RB Size=15 Position=#0



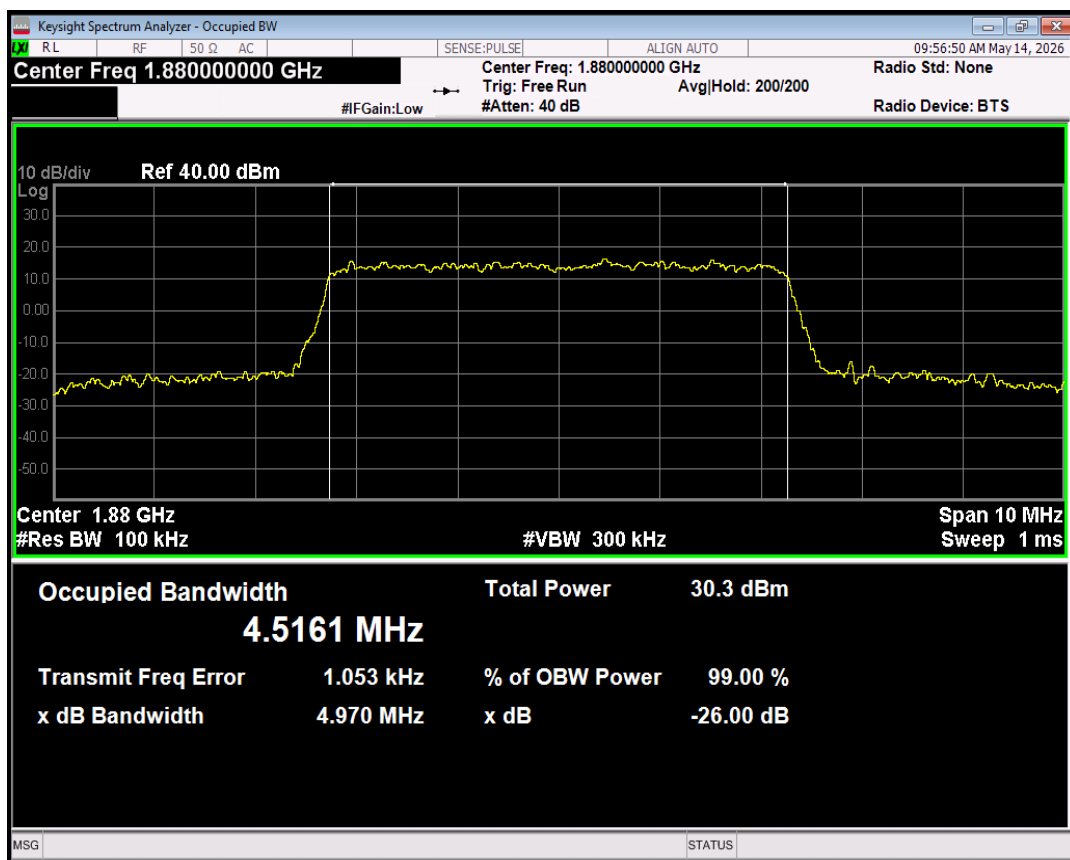
Band2 16QAM BW=3MHz Channel=18900 RB Size=15 Position=#0



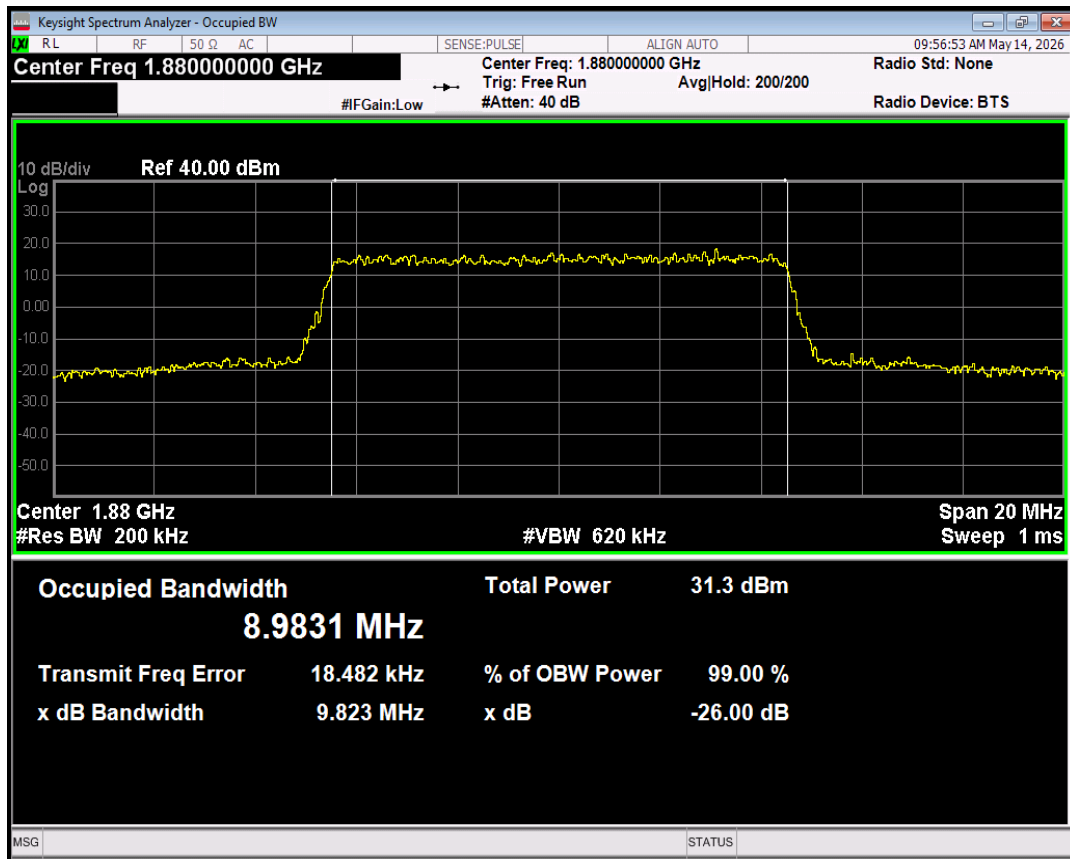
Band2 QPSK BW=5MHz Channel=18900 RB Size=25 Position=#0



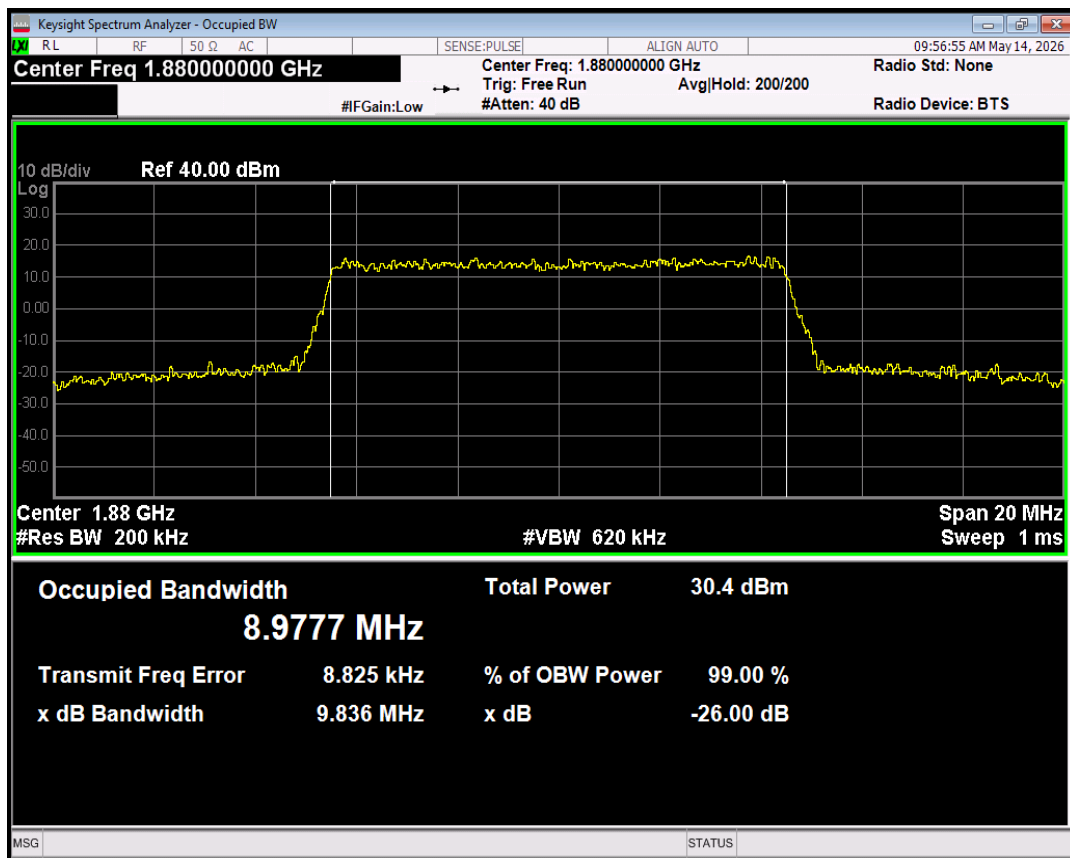
Band2 16QAM BW=5MHz Channel=18900 RB Size=25 Position=#0



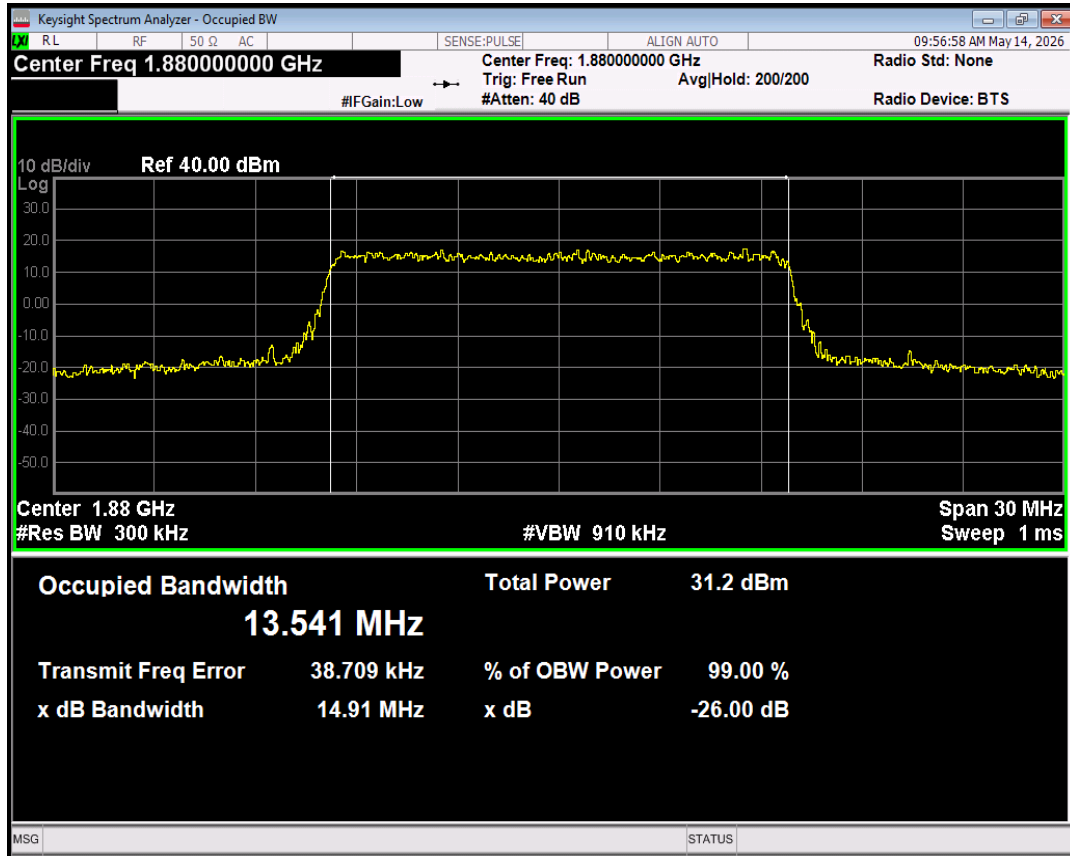
Band2 QPSK BW=10MHz Channel=18900 RB Size=50 Position=#0



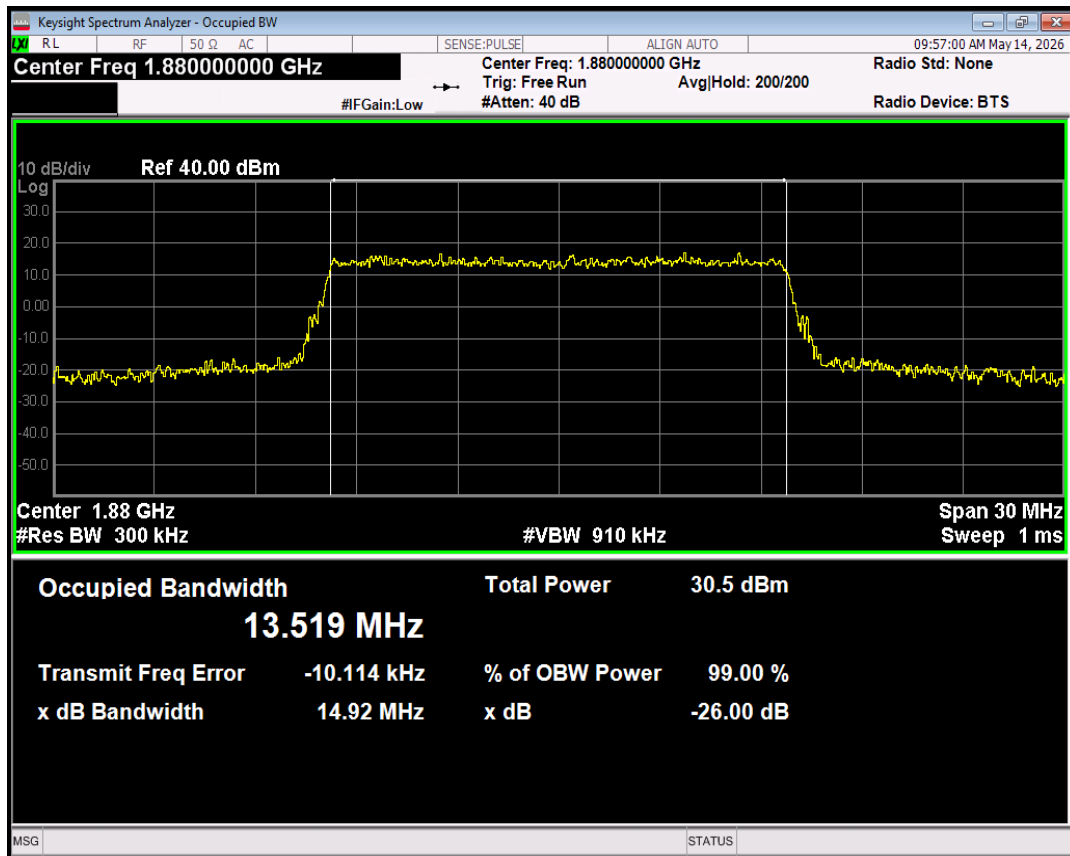
Band2 16QAM BW=10MHz Channel=18900 RB Size=50 Position=#0



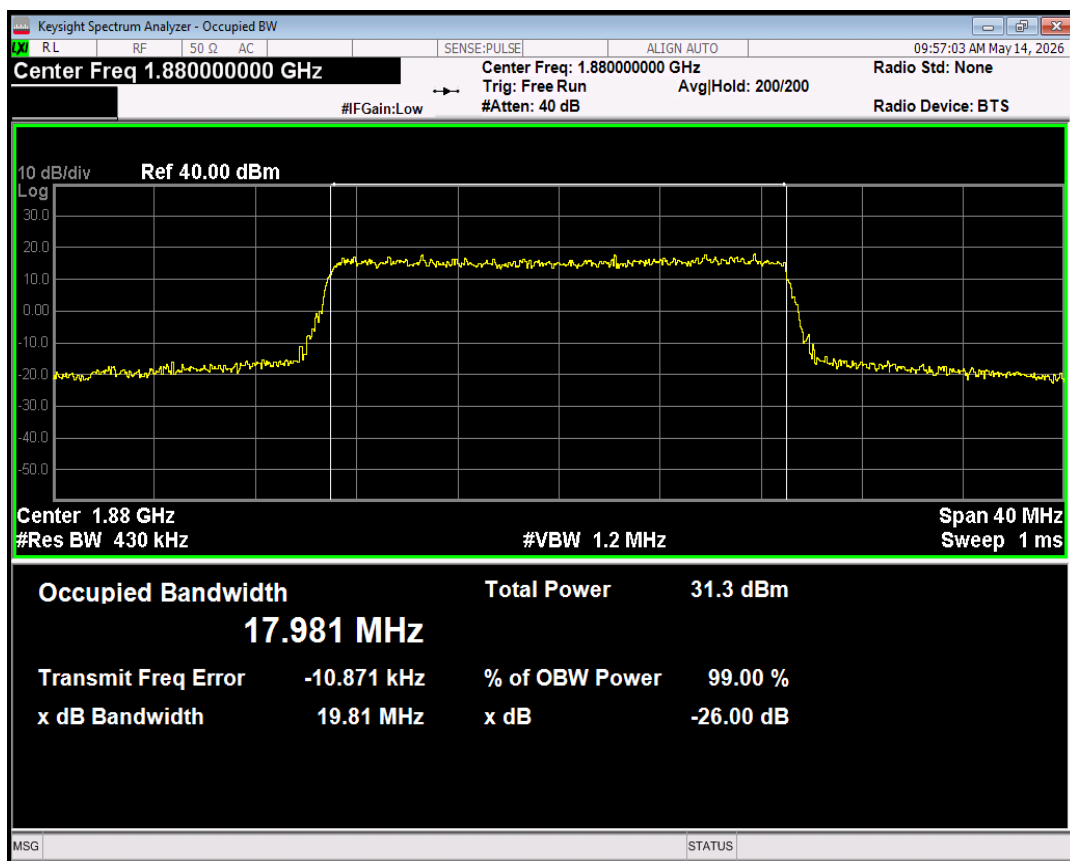
Band2 QPSK BW=15MHz Channel=18900 RB Size=75 Position=#0



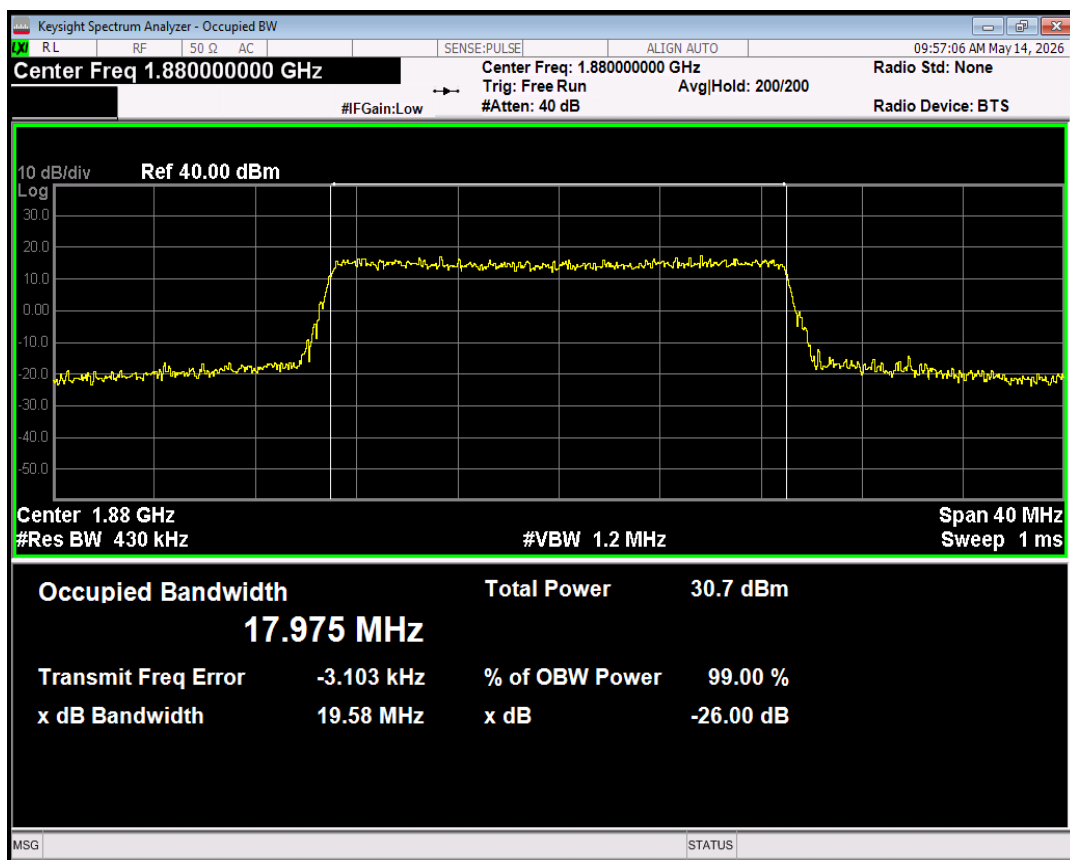
Band2 16QAM BW=15MHz Channel=18900 RB Size=75 Position=#0



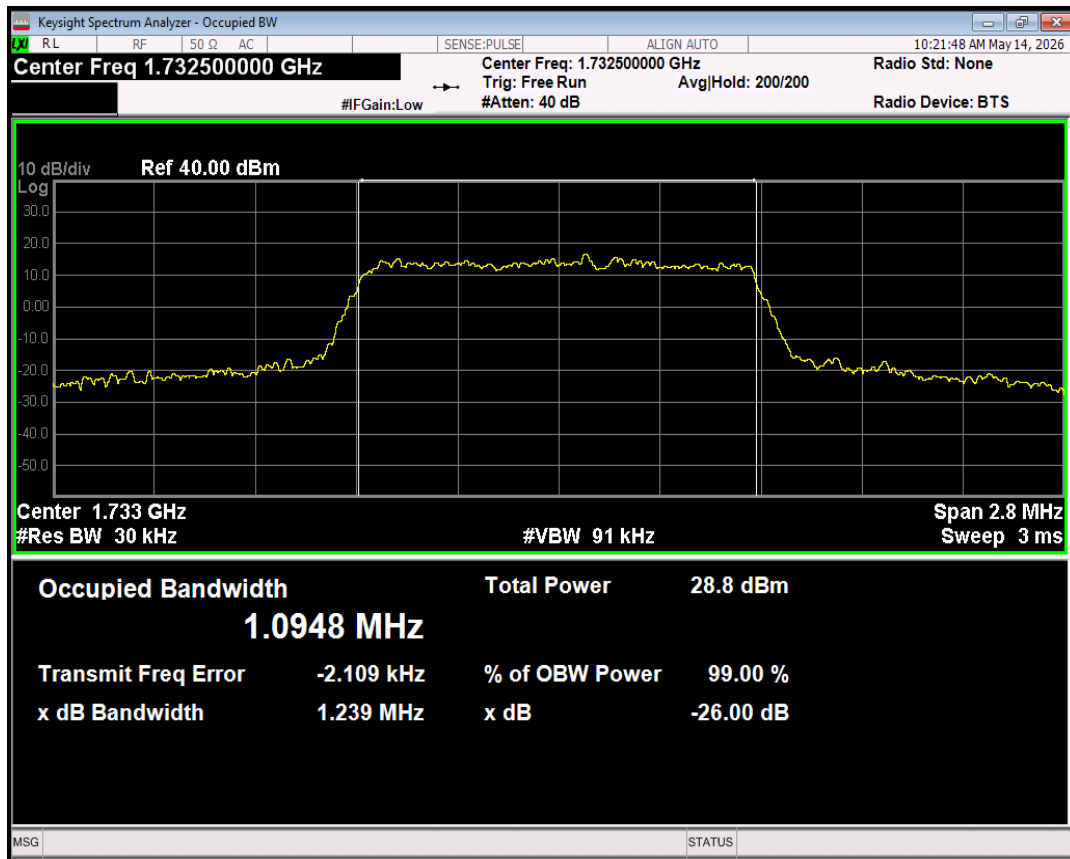
Band2 QPSK BW=20MHz Channel=18900 RB Size=100 Position=#0



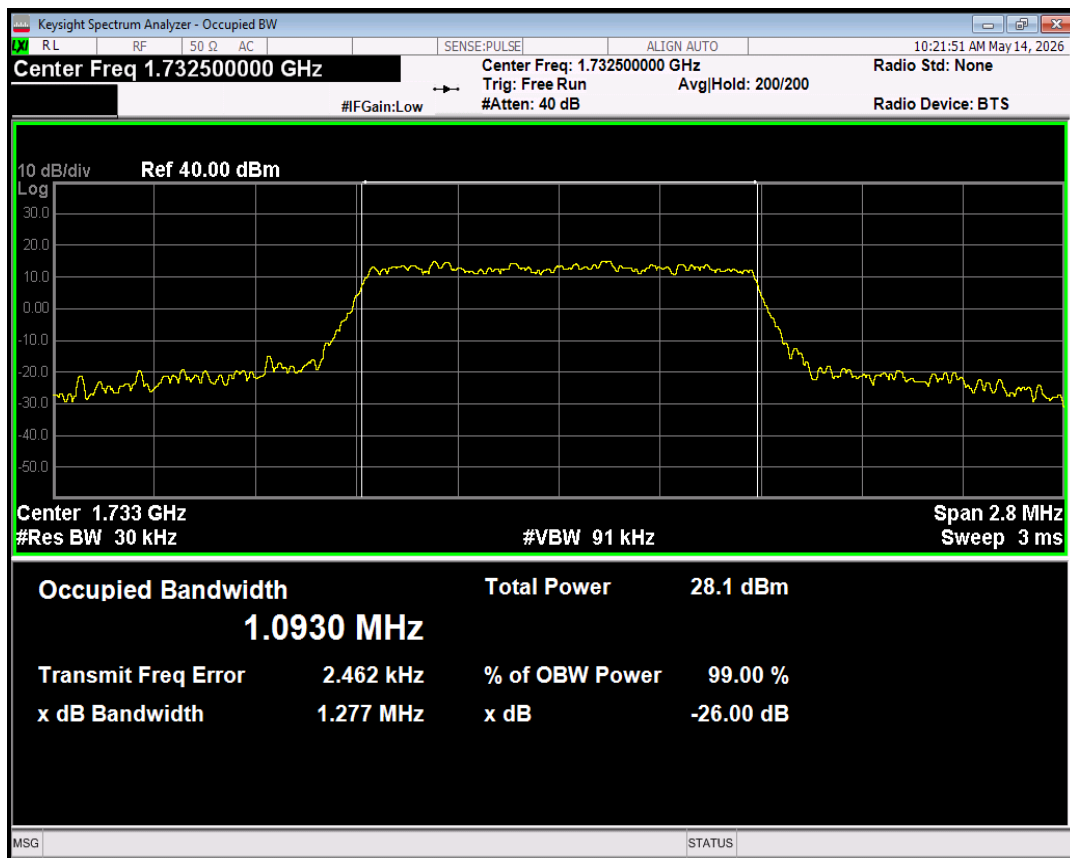
Band2 16QAM BW=20MHz Channel=18900 RB Size=100 Position=#0



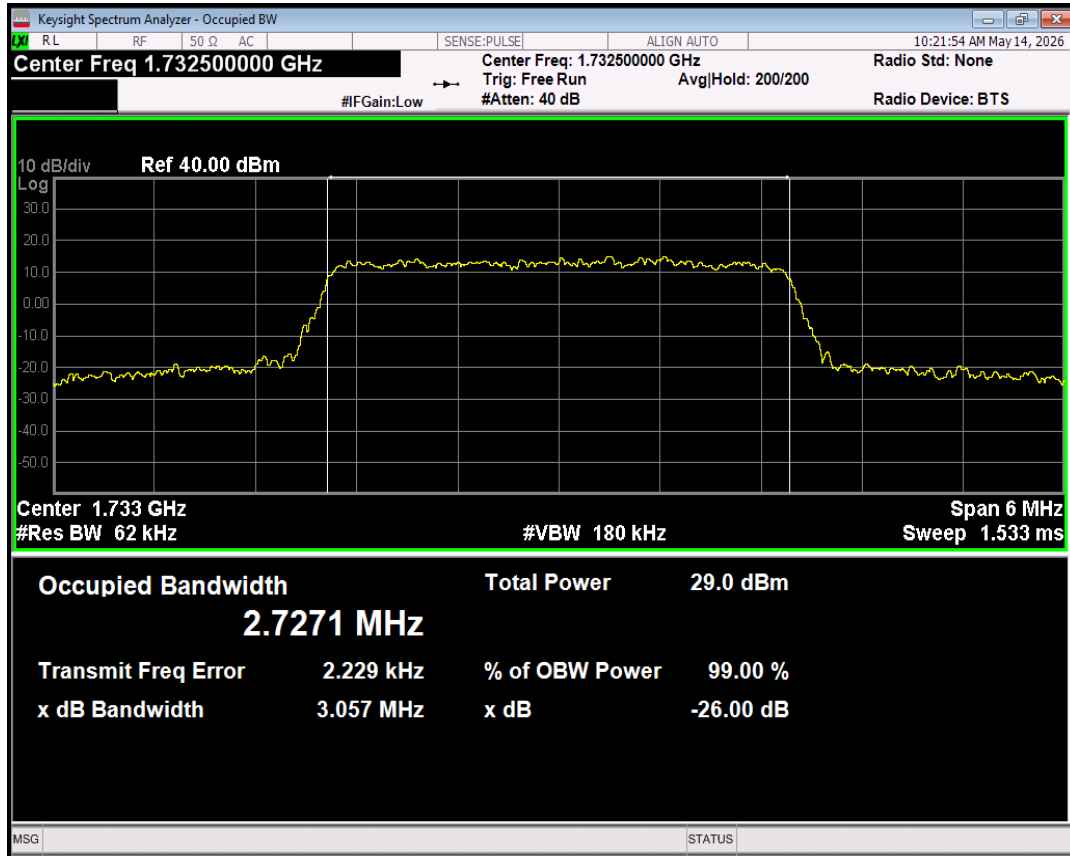
Band4 QPSK BW=1.4MHz Channel=20175 RB Size=6 Position=#0



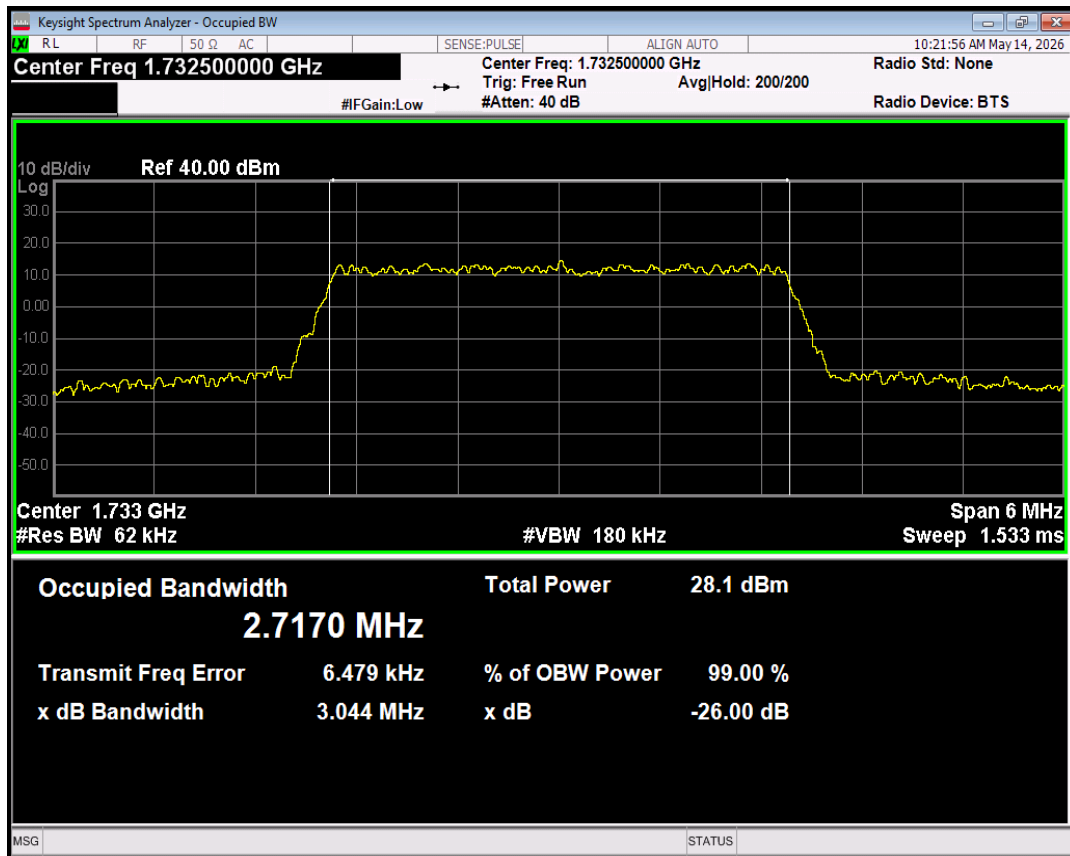
Band4 16QAM BW=1.4MHz Channel=20175 RB Size=6 Position=#0



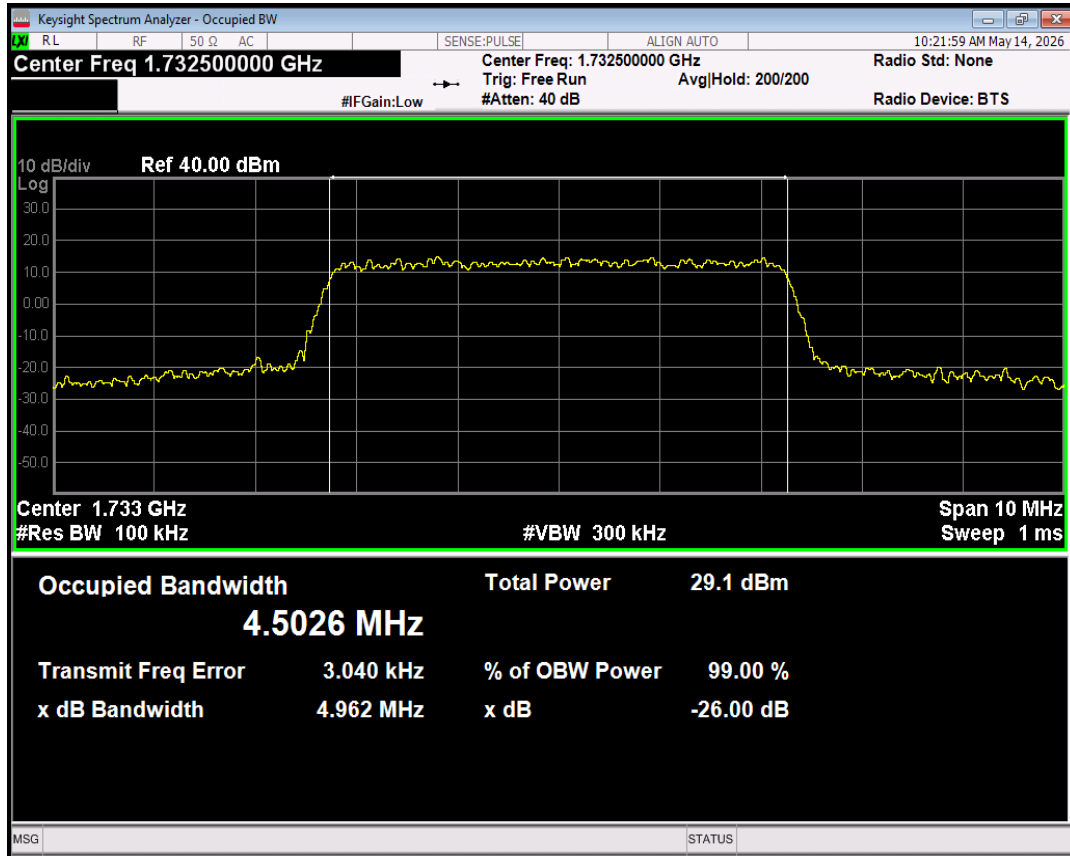
Band4 QPSK BW=3MHz Channel=20175 RB Size=15 Position=#0



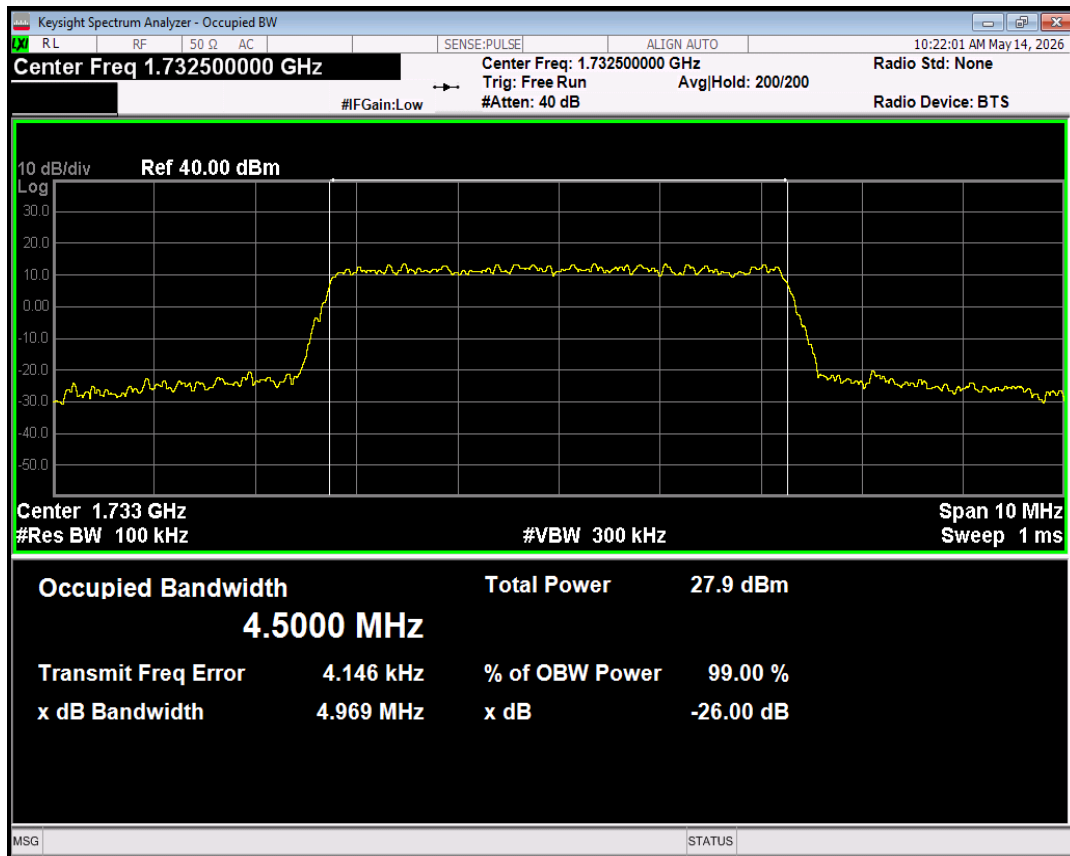
Band4 16QAM BW=3MHz Channel=20175 RB Size=15 Position=#0



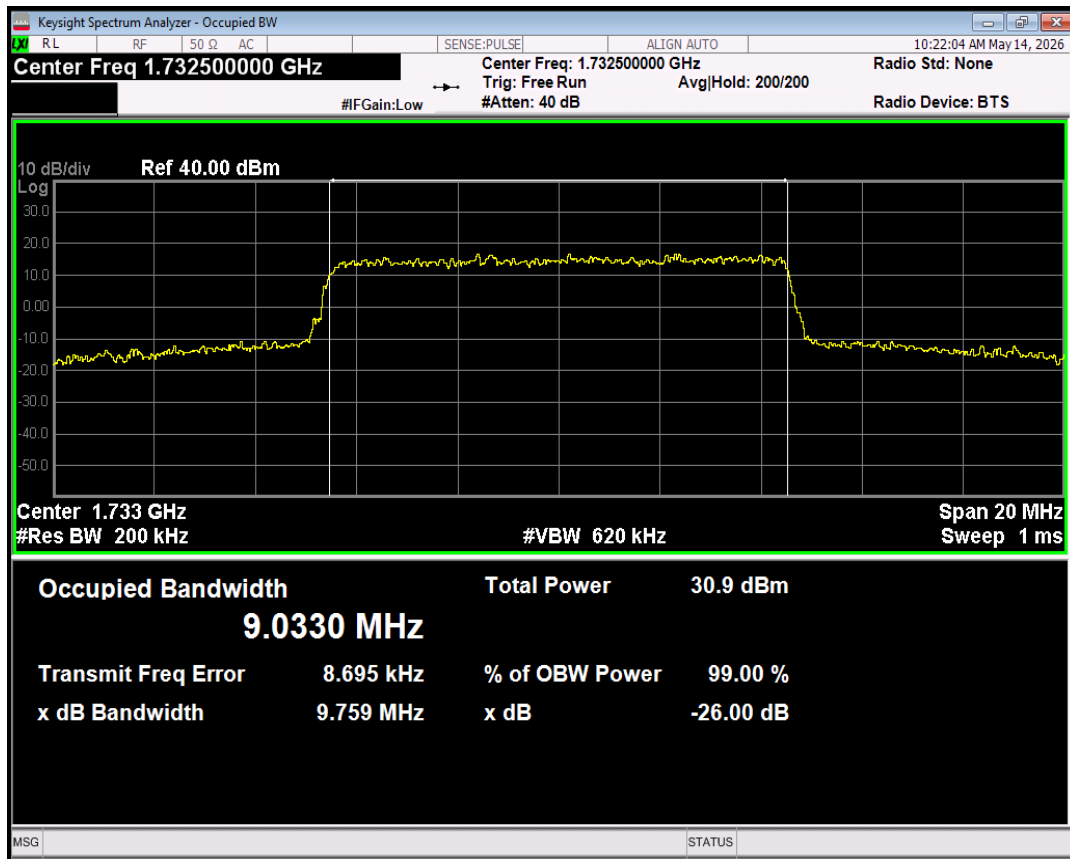
Band4 QPSK BW=5MHz Channel=20175 RB Size=25 Position=#0



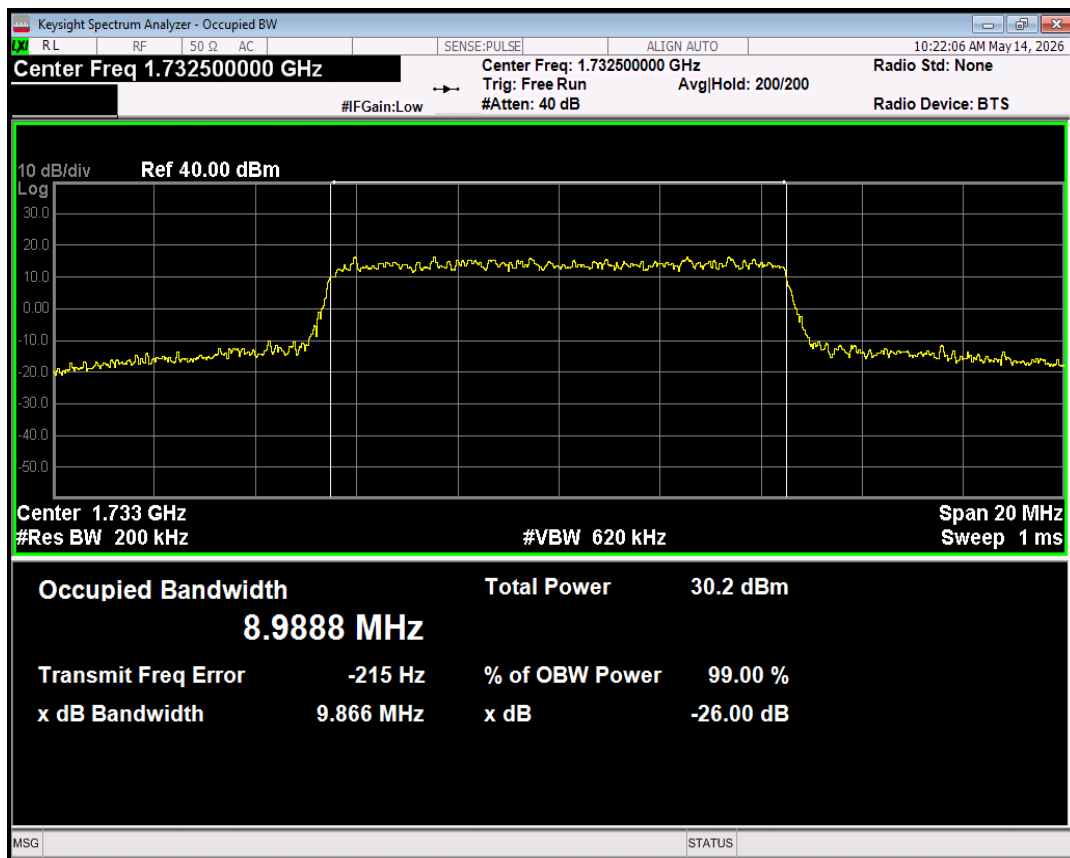
Band4 16QAM BW=5MHz Channel=20175 RB Size=25 Position=#0



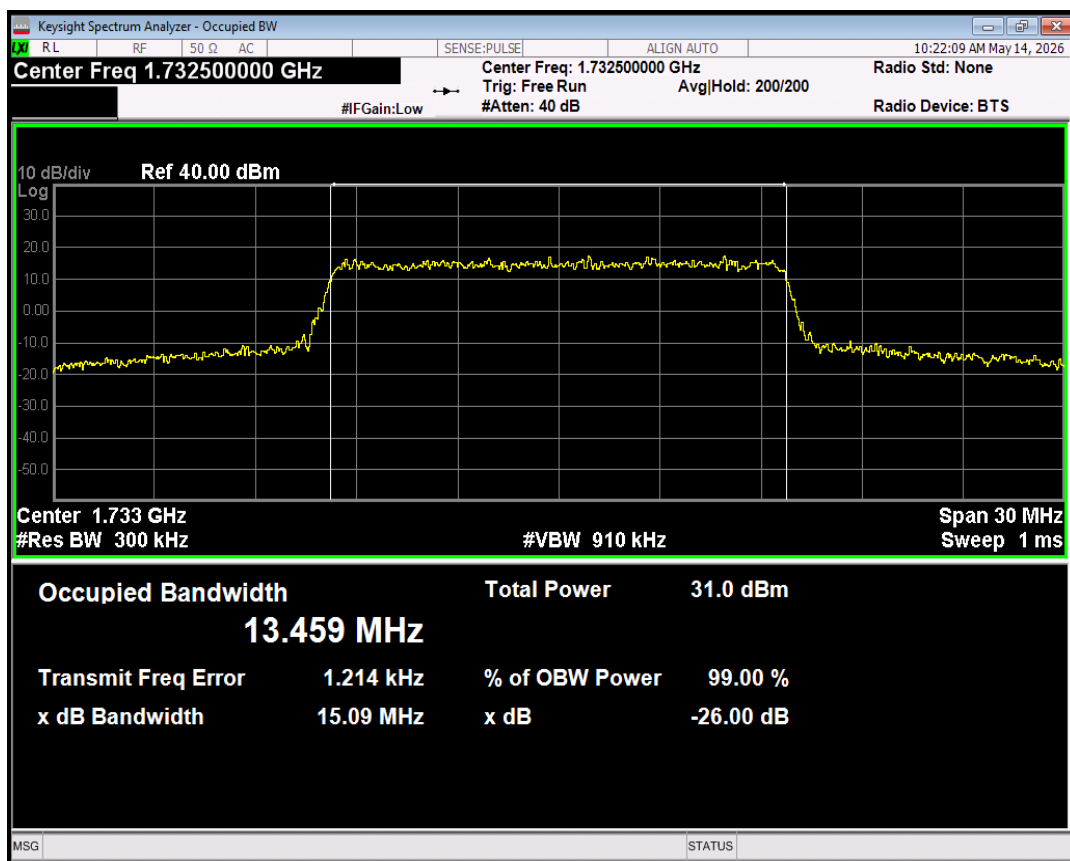
Band4 QPSK BW=10MHz Channel=20175 RB Size=50 Position=#0



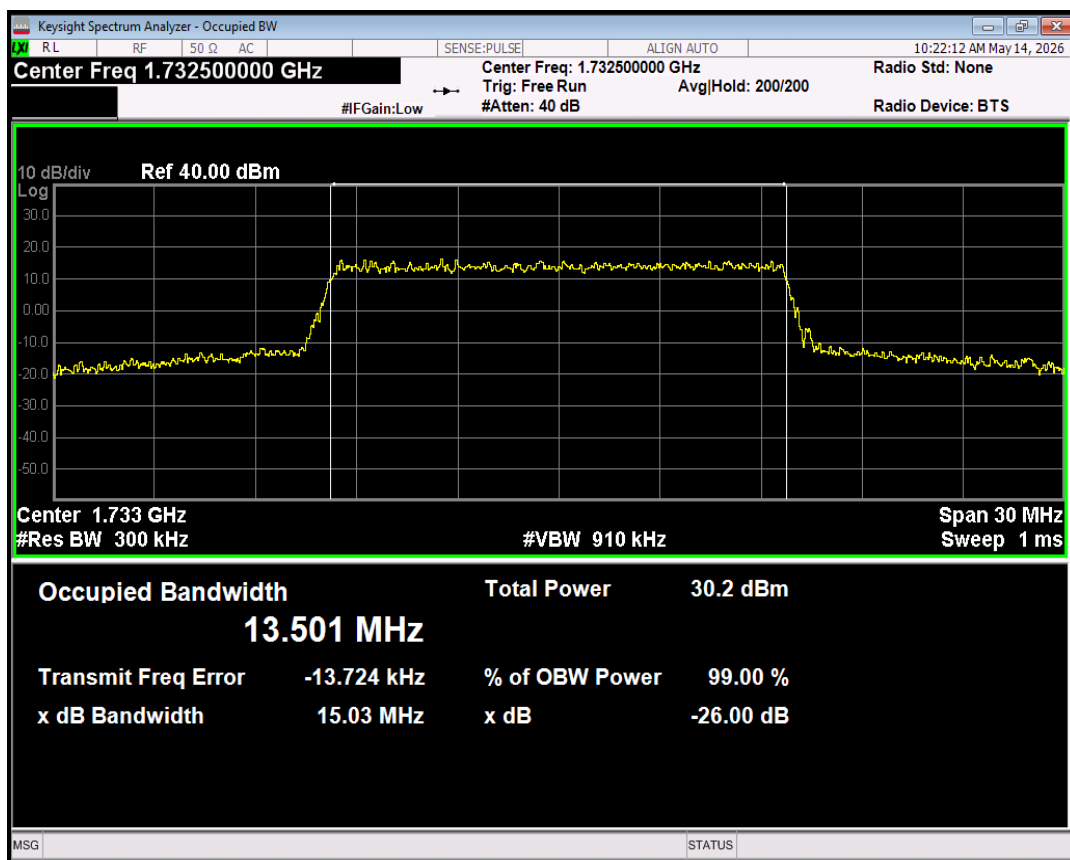
Band4 16QAM BW=10MHz Channel=20175 RB Size=50 Position=#0



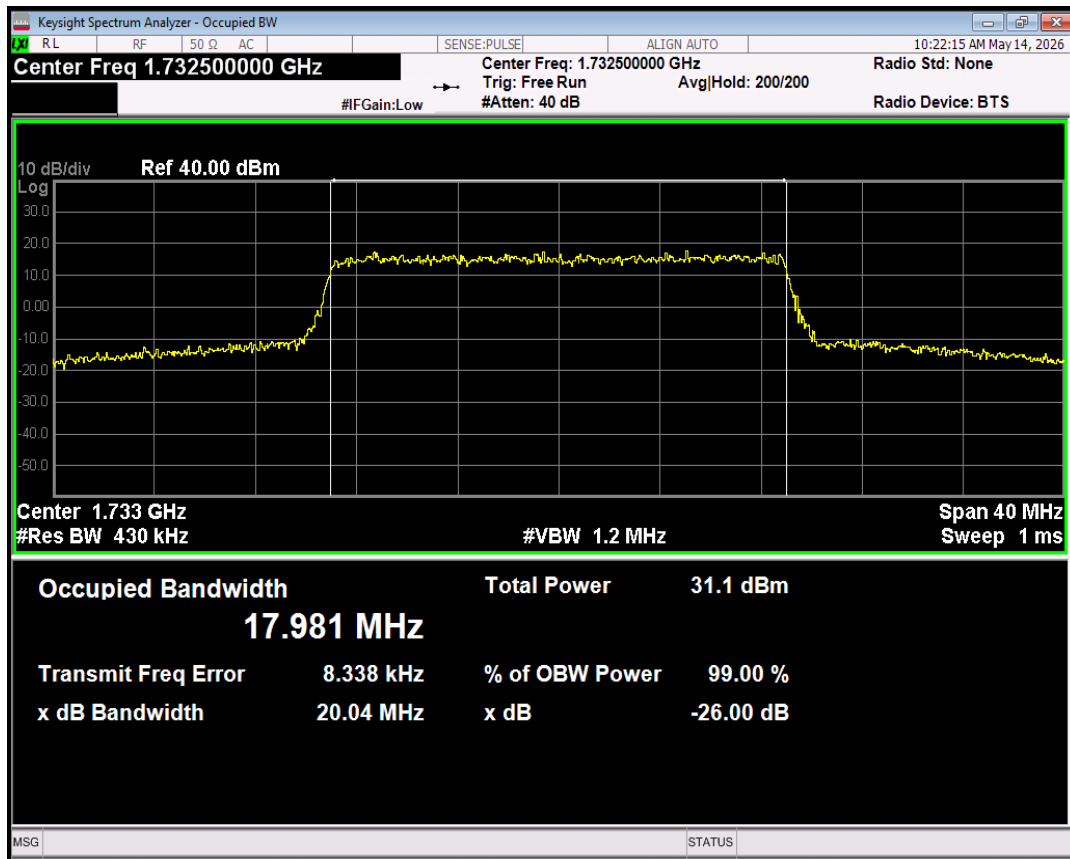
Band4 QPSK BW=15MHz Channel=20175 RB Size=75 Position=#0



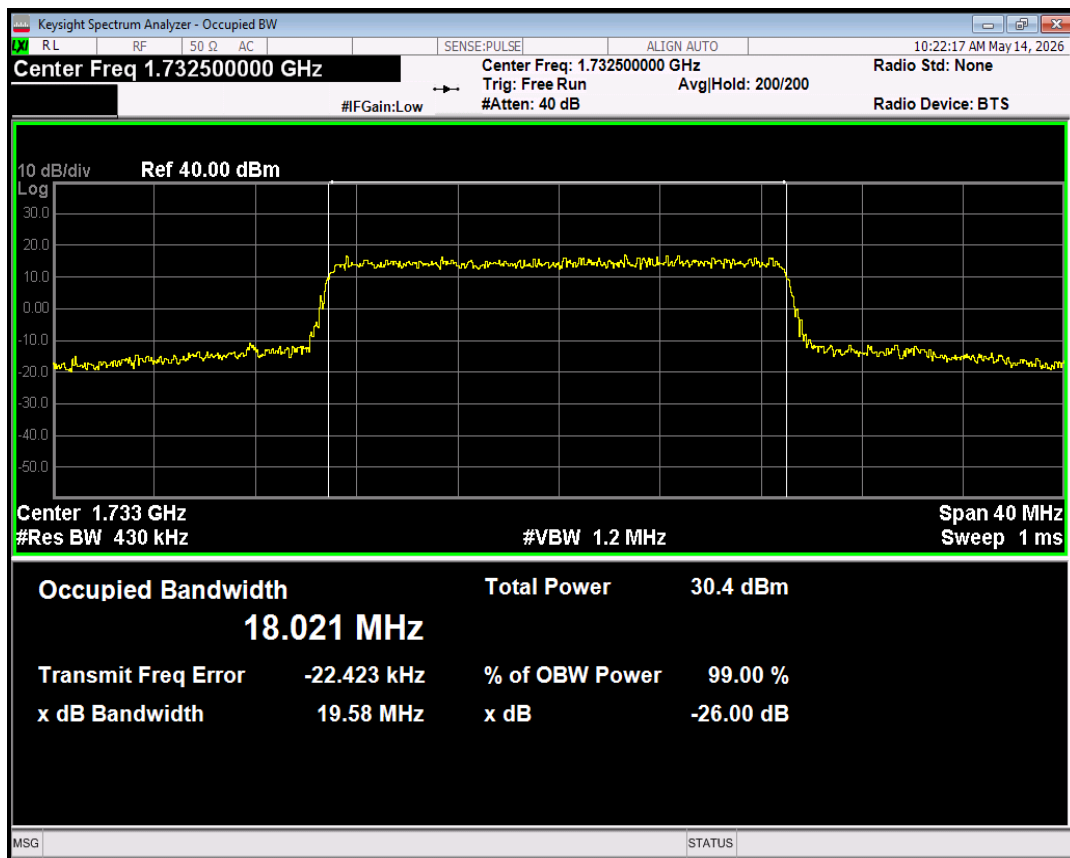
Band4 16QAM BW=15MHz Channel=20175 RB Size=75 Position=#0



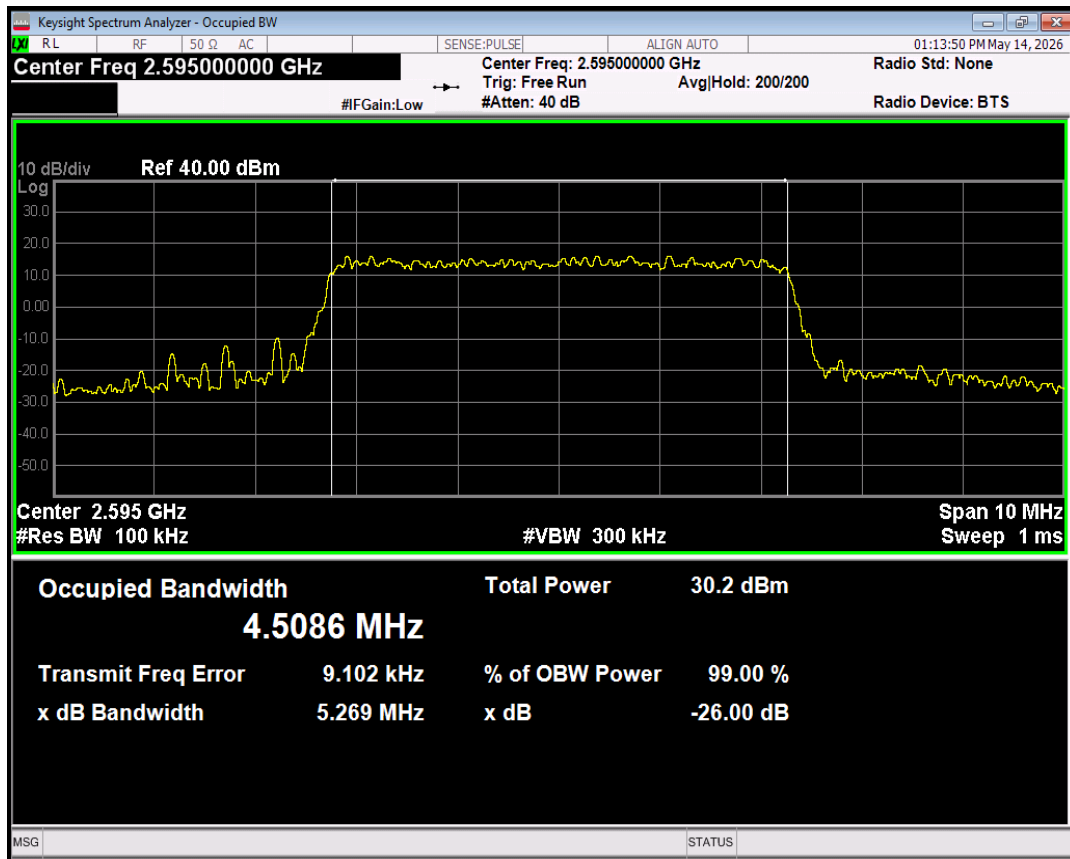
Band4 QPSK BW=20MHz Channel=20175 RB Size=100 Position=#0



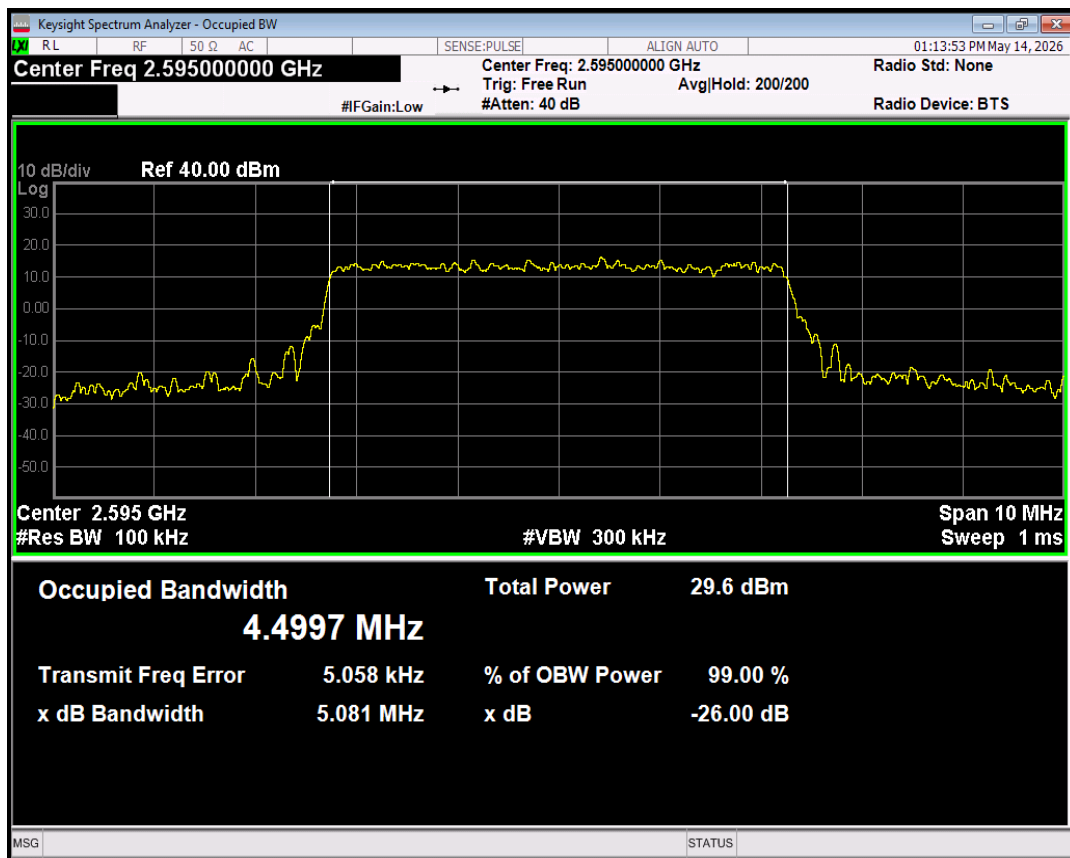
Band4 16QAM BW=20MHz Channel=20175 RB Size=100 Position=#0



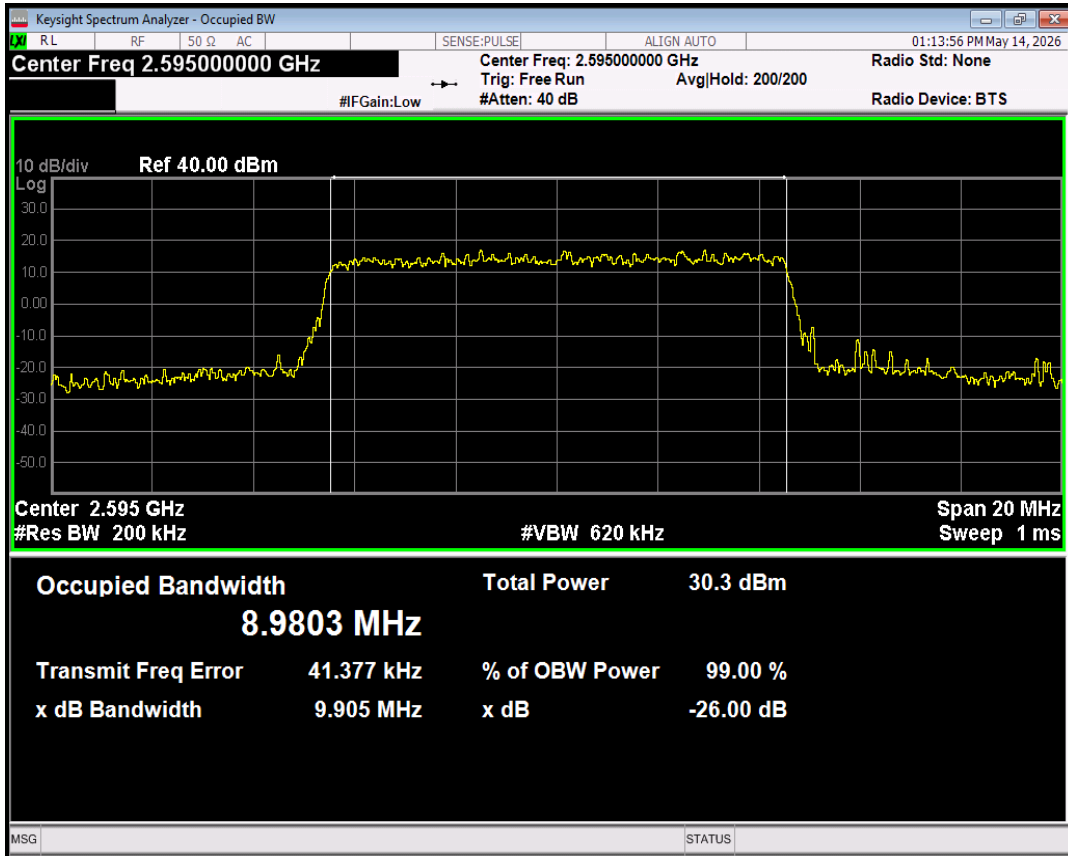
Band41(2535-2655) QPSK BW=5MHz Channel=40640 RB Size=25 Position=#0



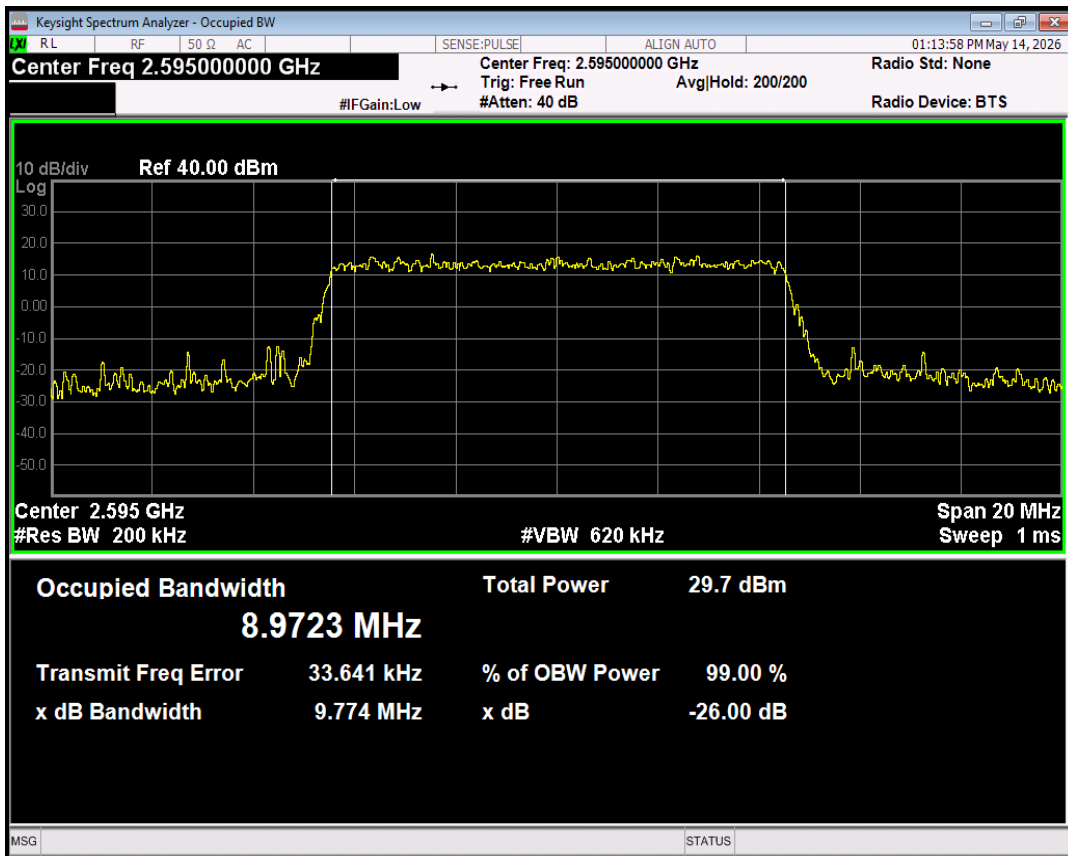
Band41(2535-2655) 16QAM BW=5MHz Channel=40640 RB Size=25 Position=#0



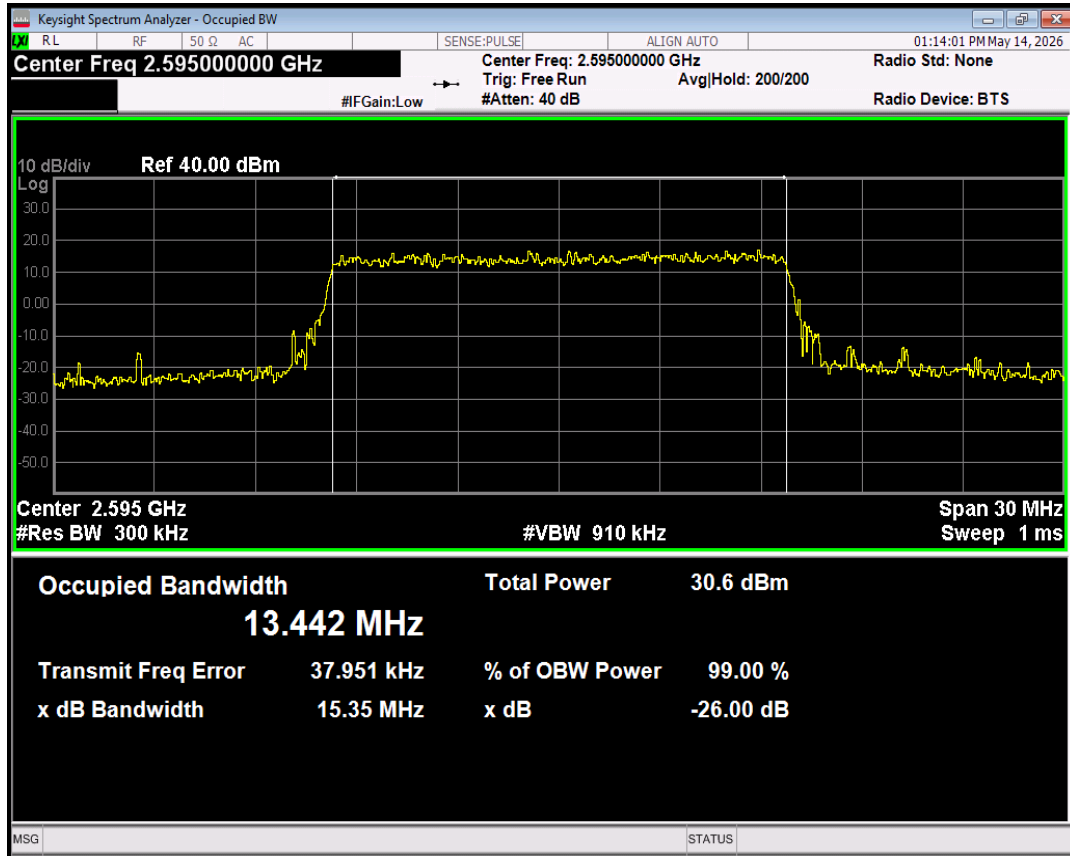
Band41(2535-2655) QPSK BW=10MHz Channel=40640 RB Size=50 Position=#0



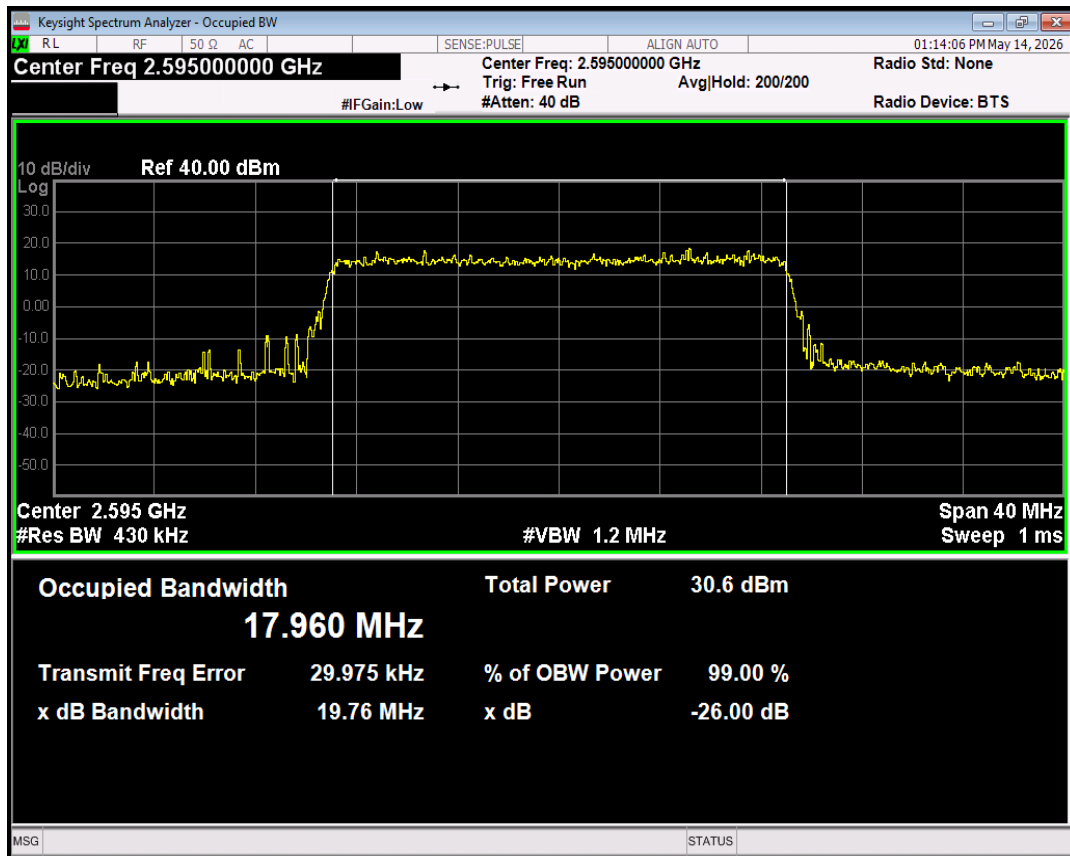
Band41(2535-2655) 16QAM BW=10MHz Channel=40640 RB Size=50 Position=#0



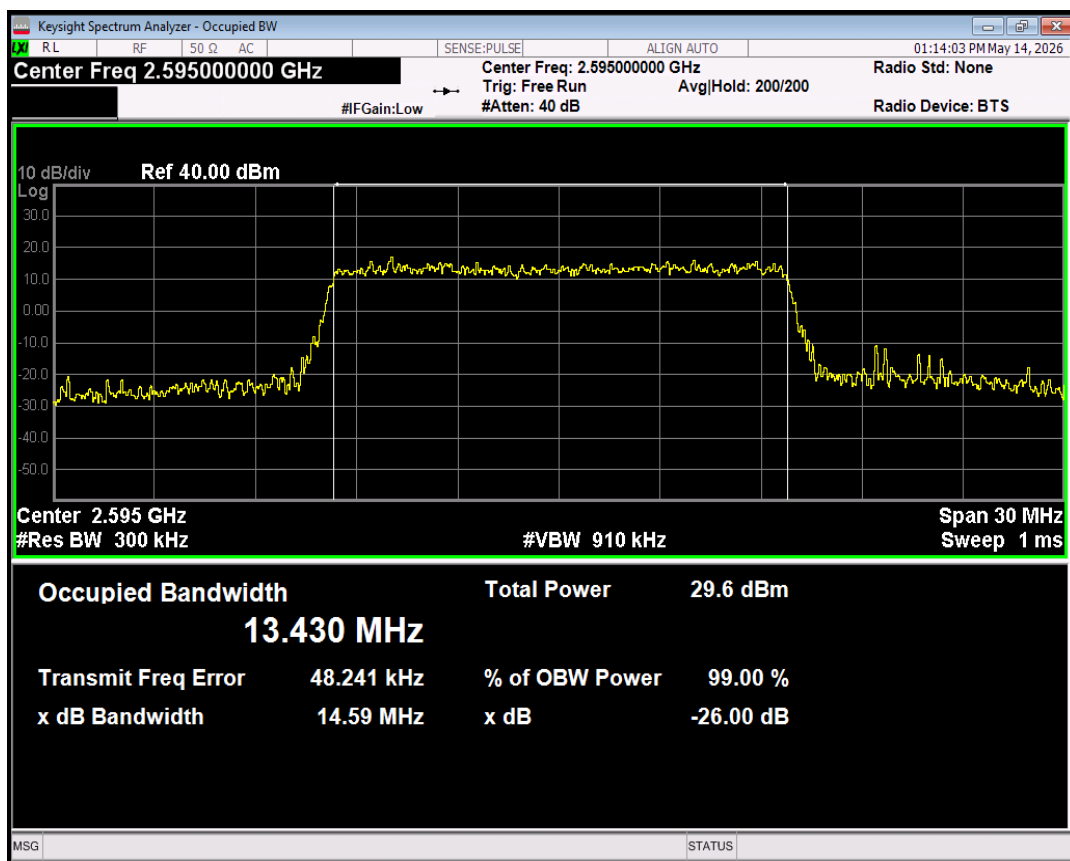
Band41(2535-2655) QPSK BW=15MHz Channel=40640 RB Size=75 Position=#0



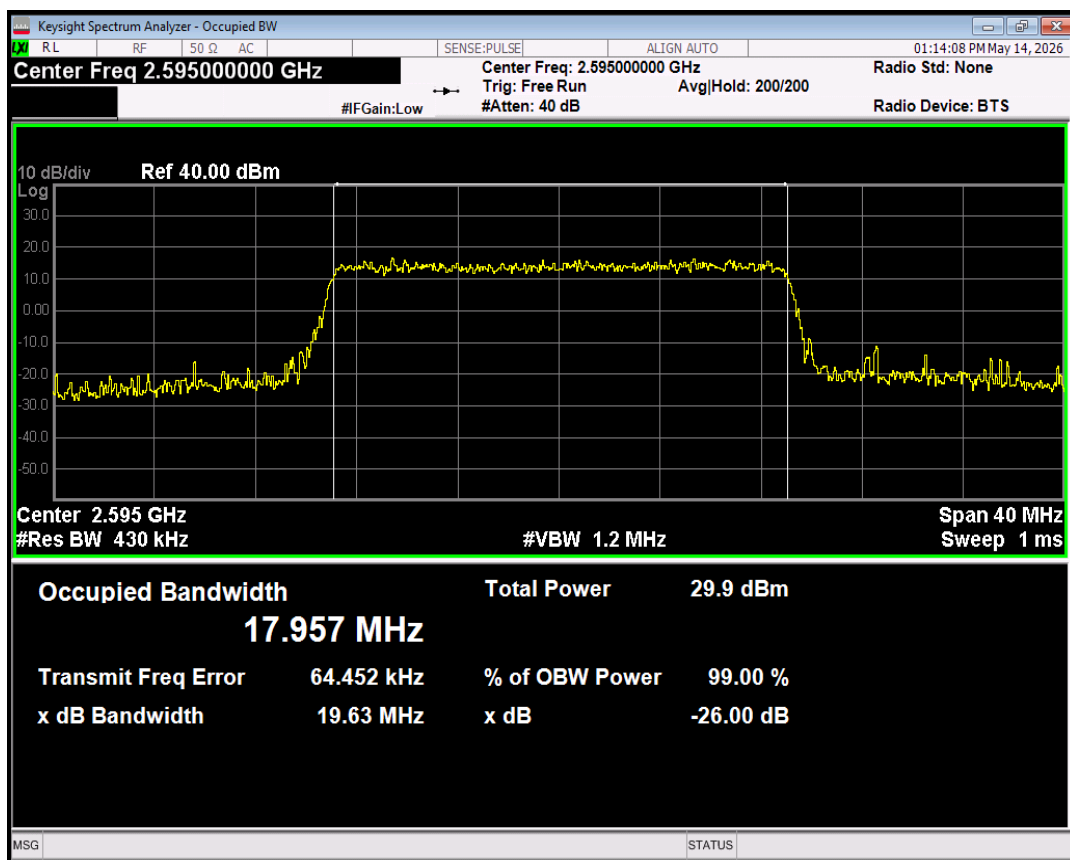
Band41(2535-2655) QPSK BW=20MHz Channel=40640 RB Size=100 Position=#0



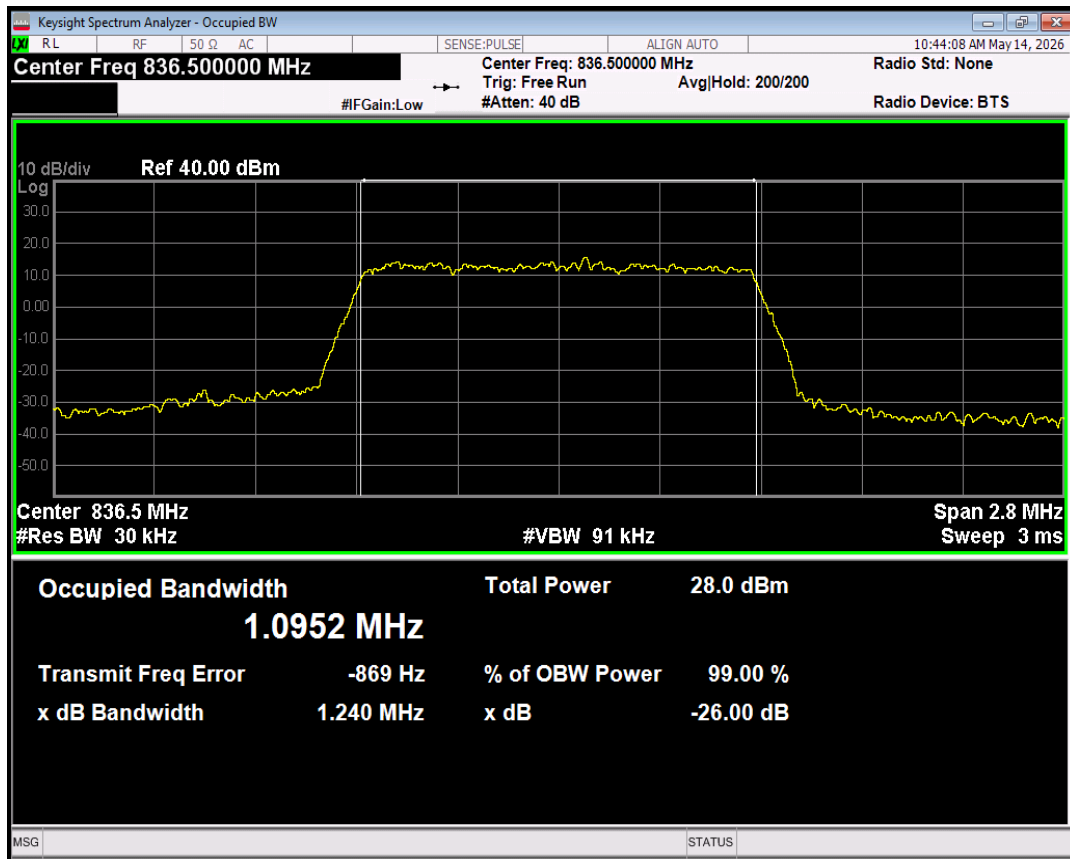
Band41(2535-2655) 16QAM BW=15MHz Channel=40640 RB Size=75 Position=#0



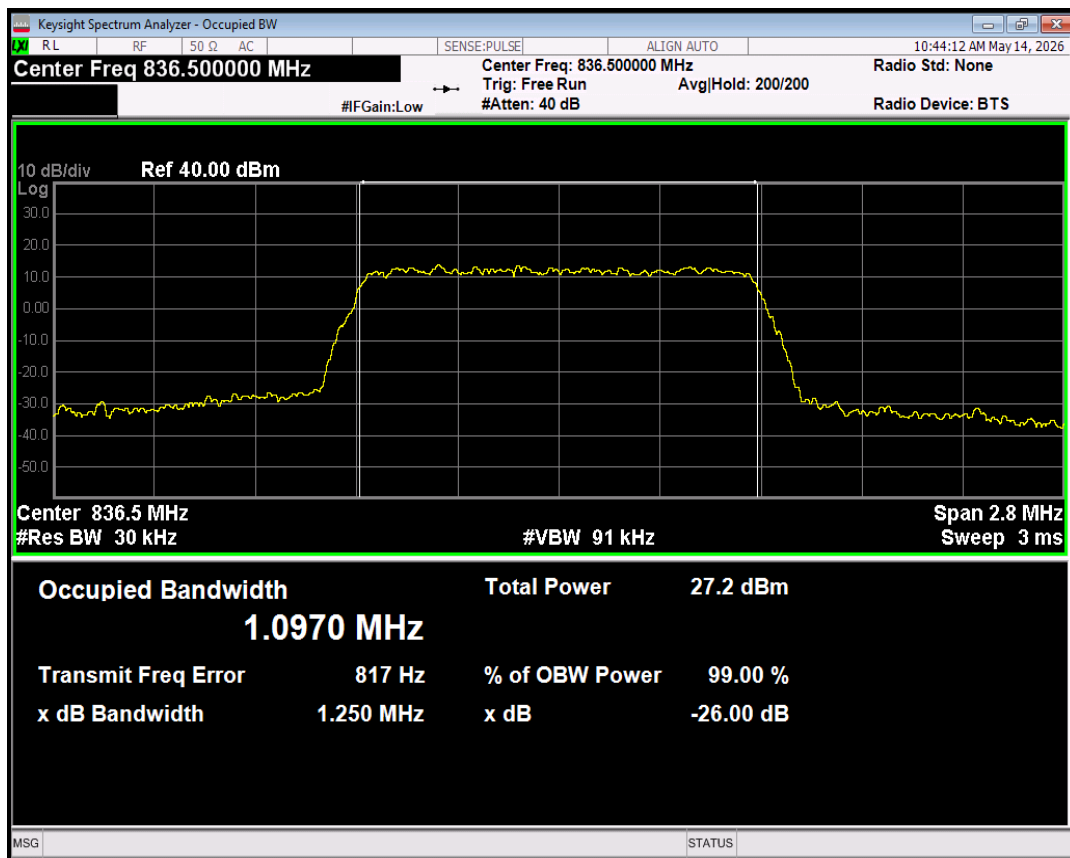
Band41(2535-2655) 16QAM BW=20MHz Channel=40640 RB Size=100 Position=#0



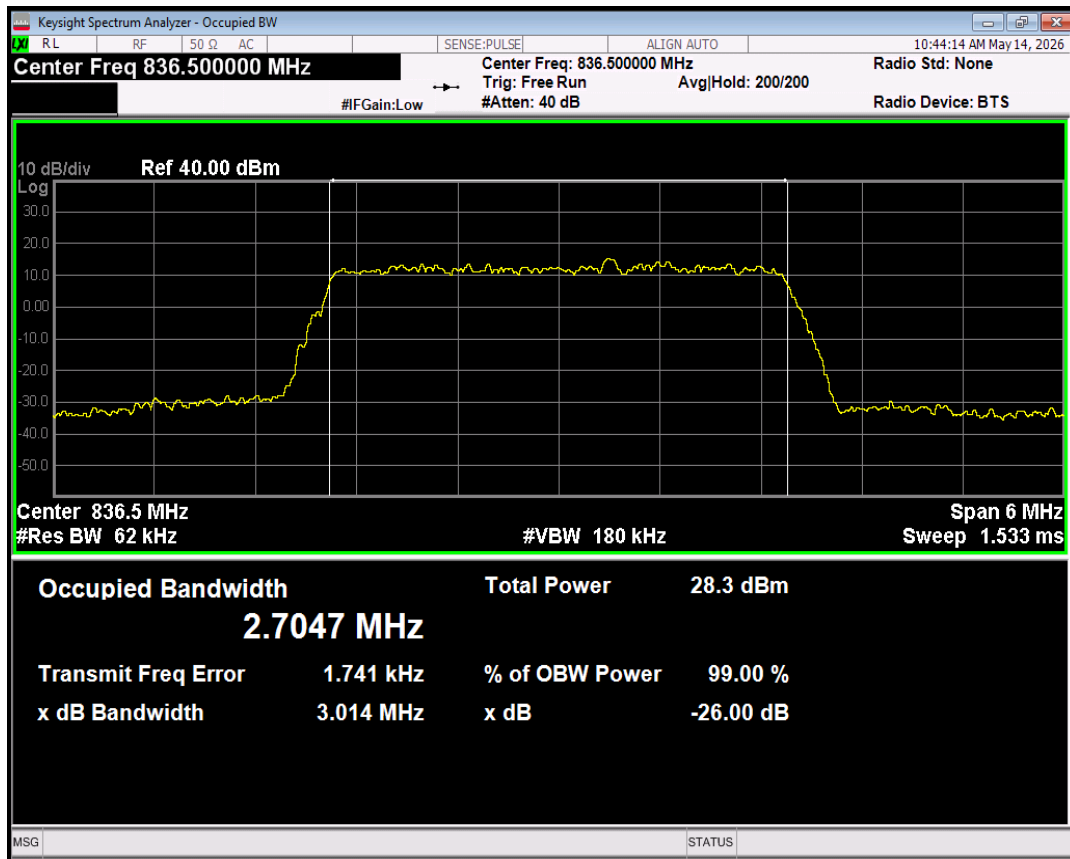
Band5 QPSK BW=1.4MHz Channel=20525 RB Size=6 Position=#0



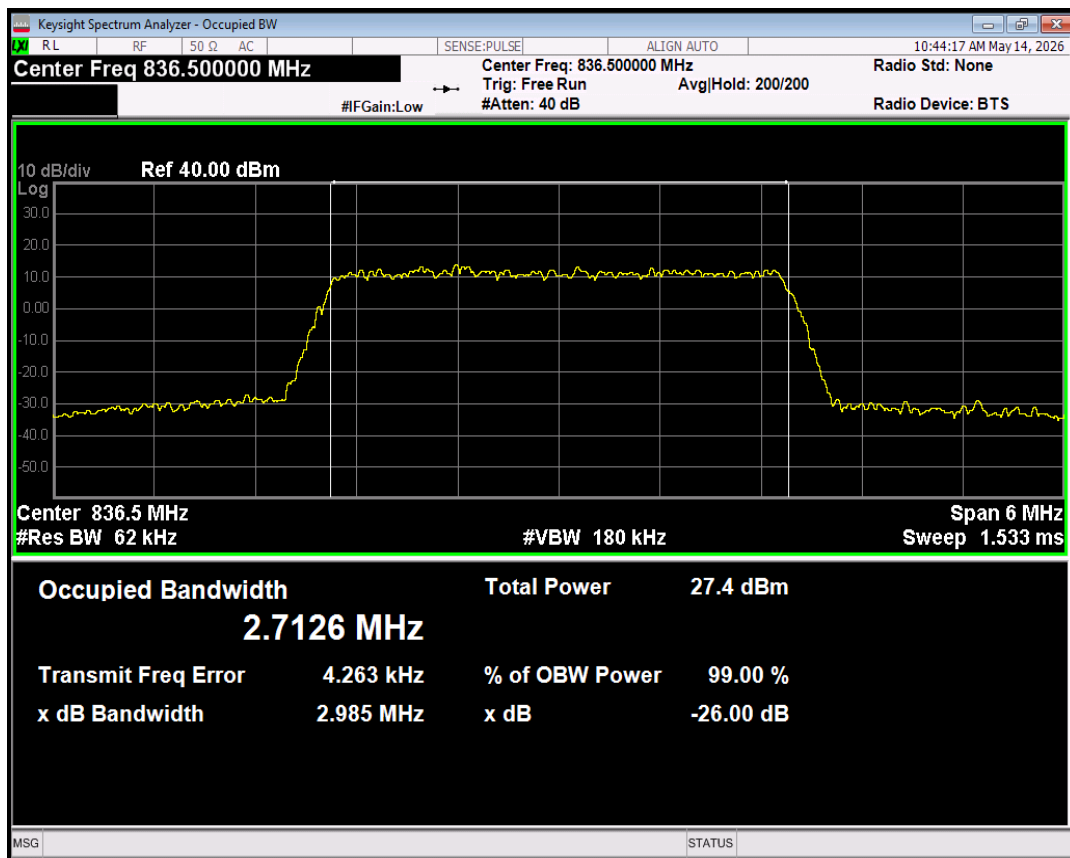
Band5 16QAM BW=1.4MHz Channel=20525 RB Size=6 Position=#0



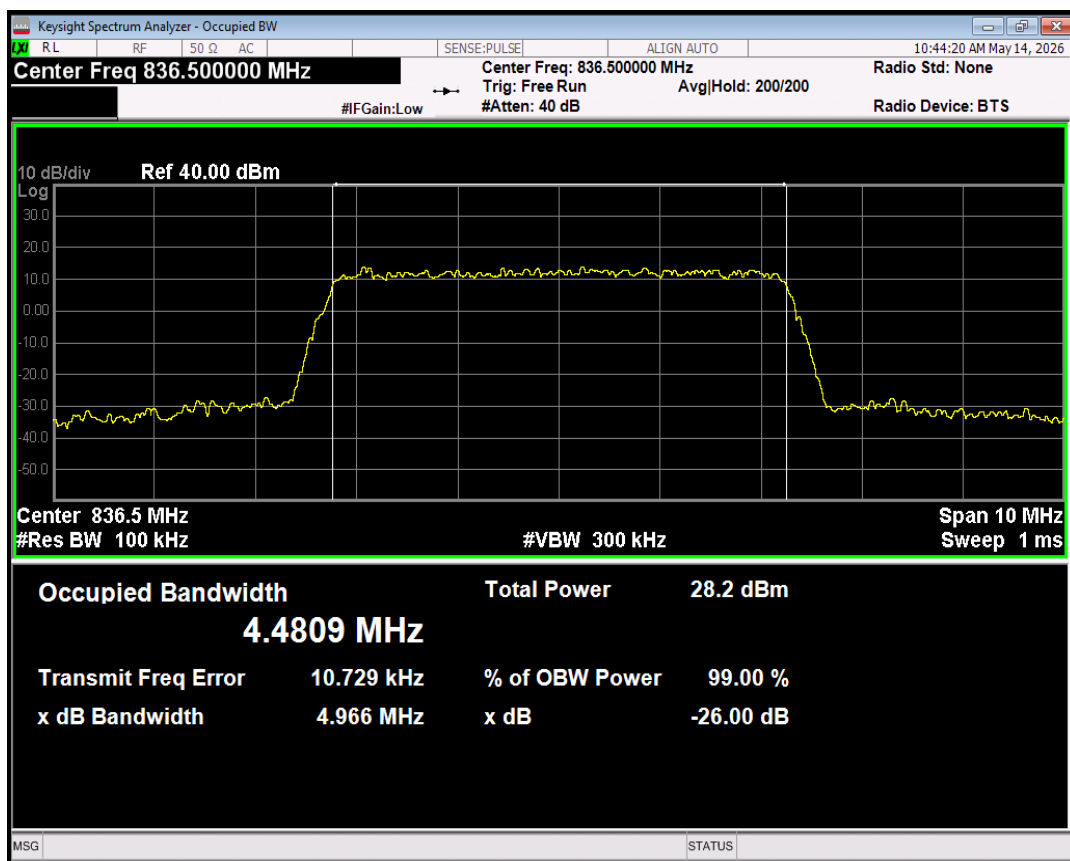
Band5 QPSK BW=3MHz Channel=20525 RB Size=15 Position=#0



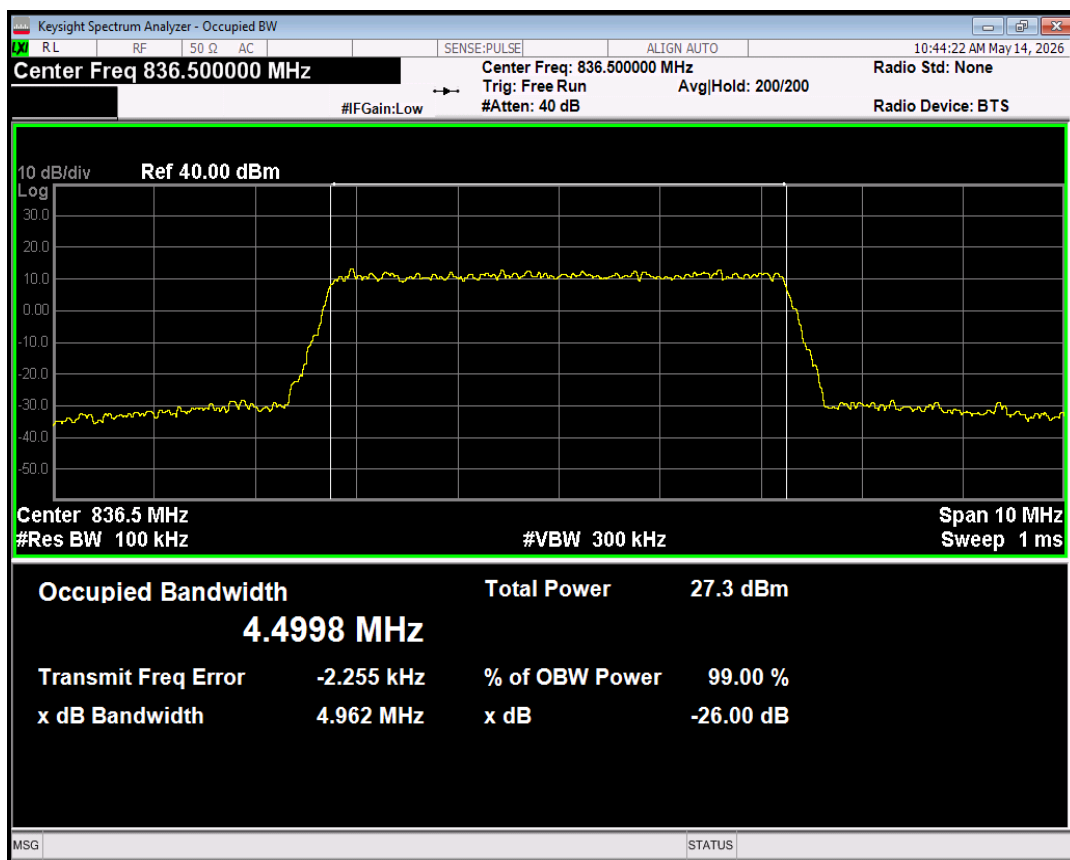
Band5 16QAM BW=3MHz Channel=20525 RB Size=15 Position=#0



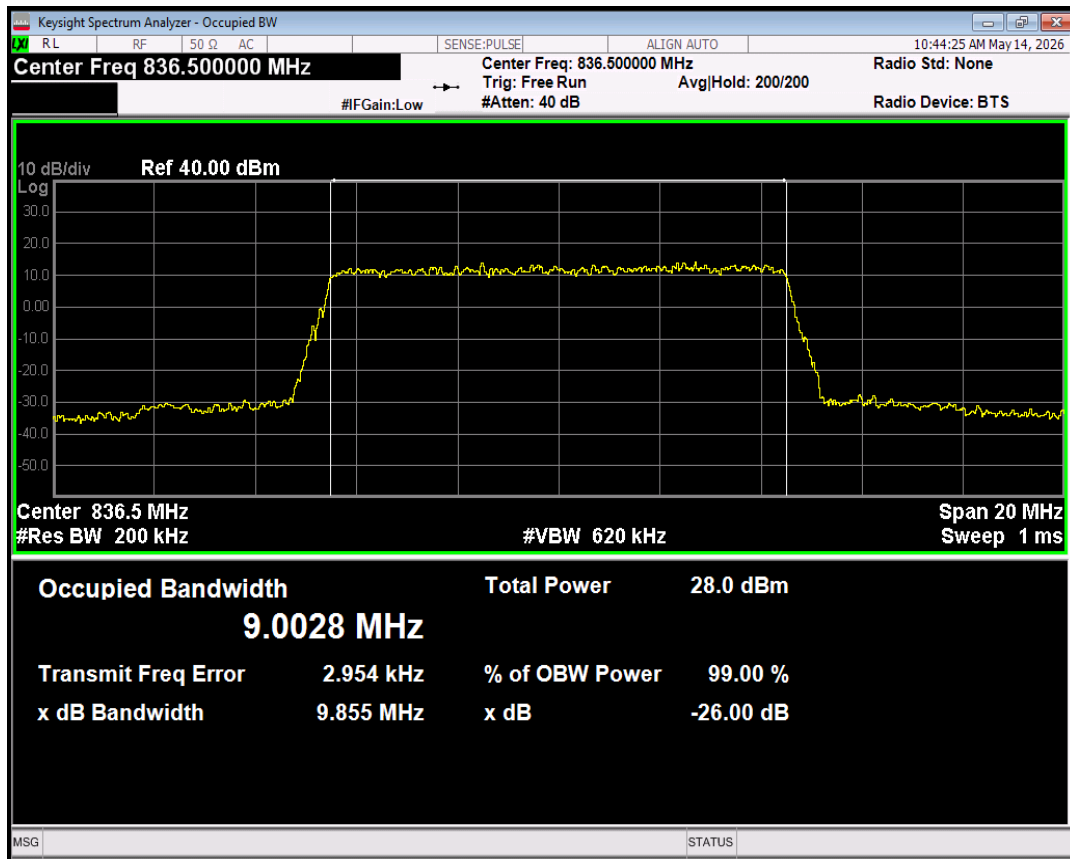
Band5 QPSK BW=5MHz Channel=20525 RB Size=25 Position=#0



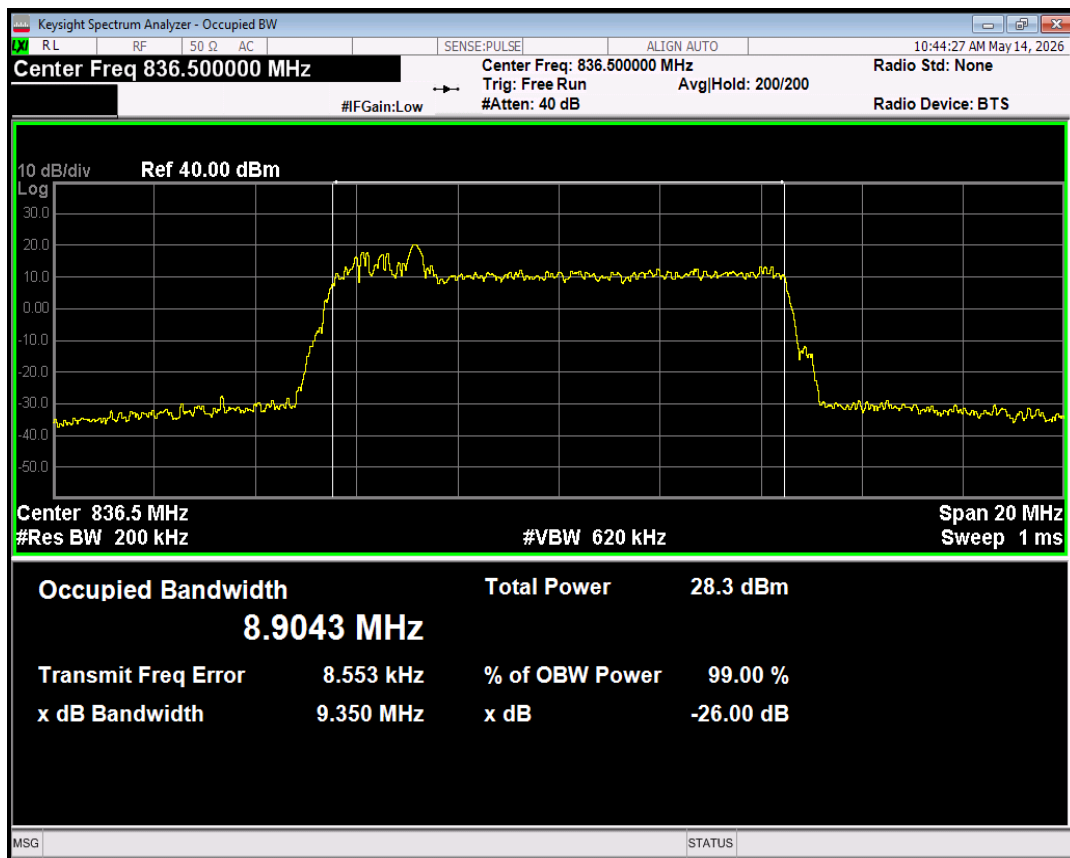
Band5 16QAM BW=5MHz Channel=20525 RB Size=25 Position=#0



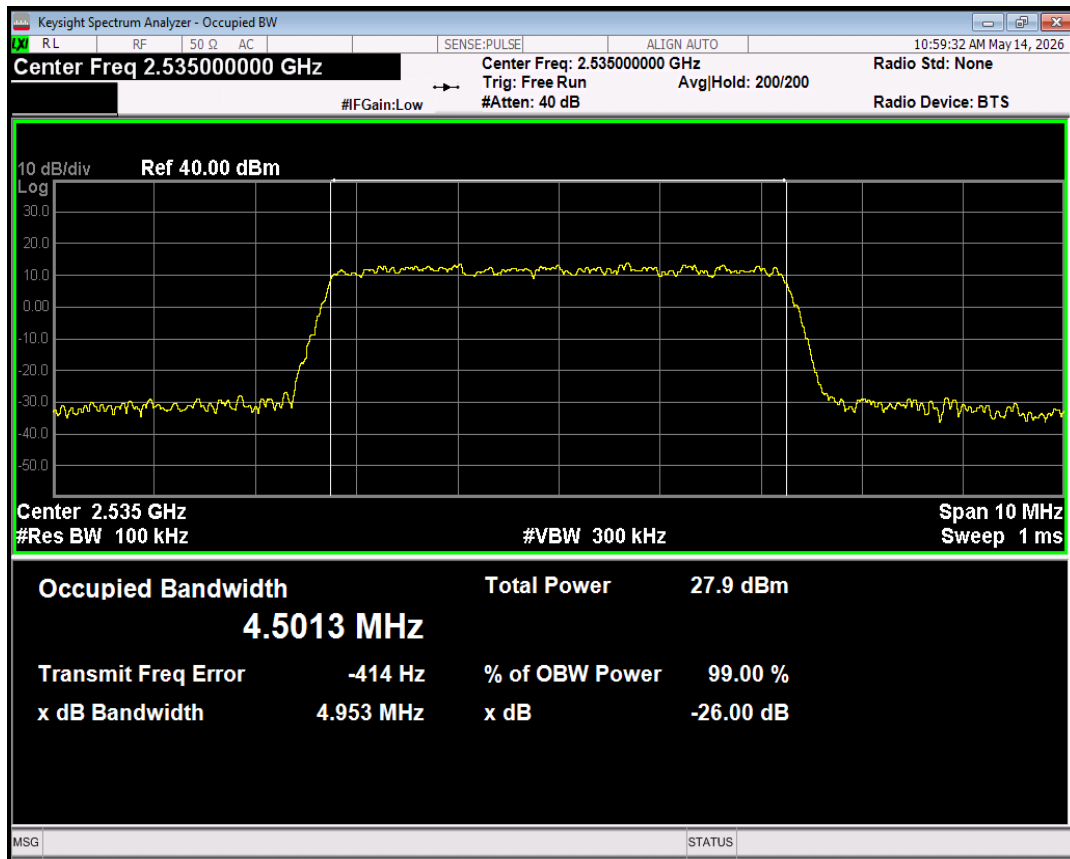
Band5 QPSK BW=10MHz Channel=20525 RB Size=50 Position=#0



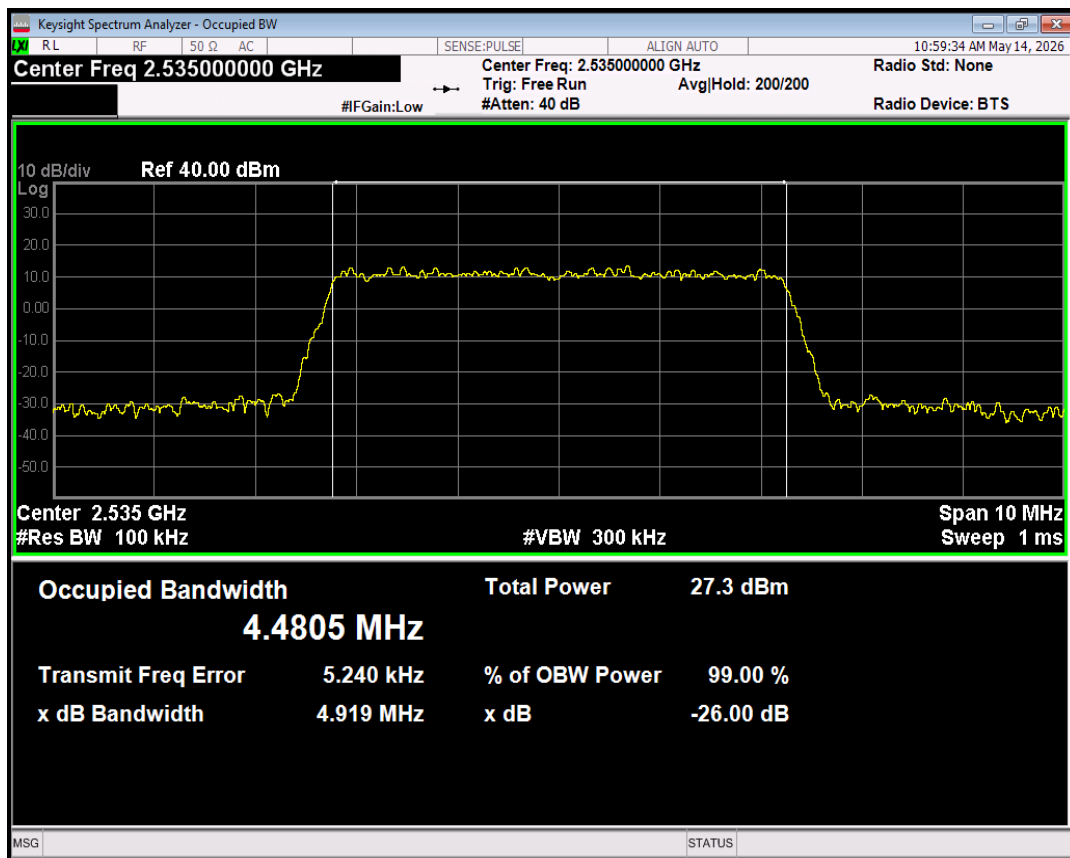
Band5 16QAM BW=10MHz Channel=20525 RB Size=50 Position=#0



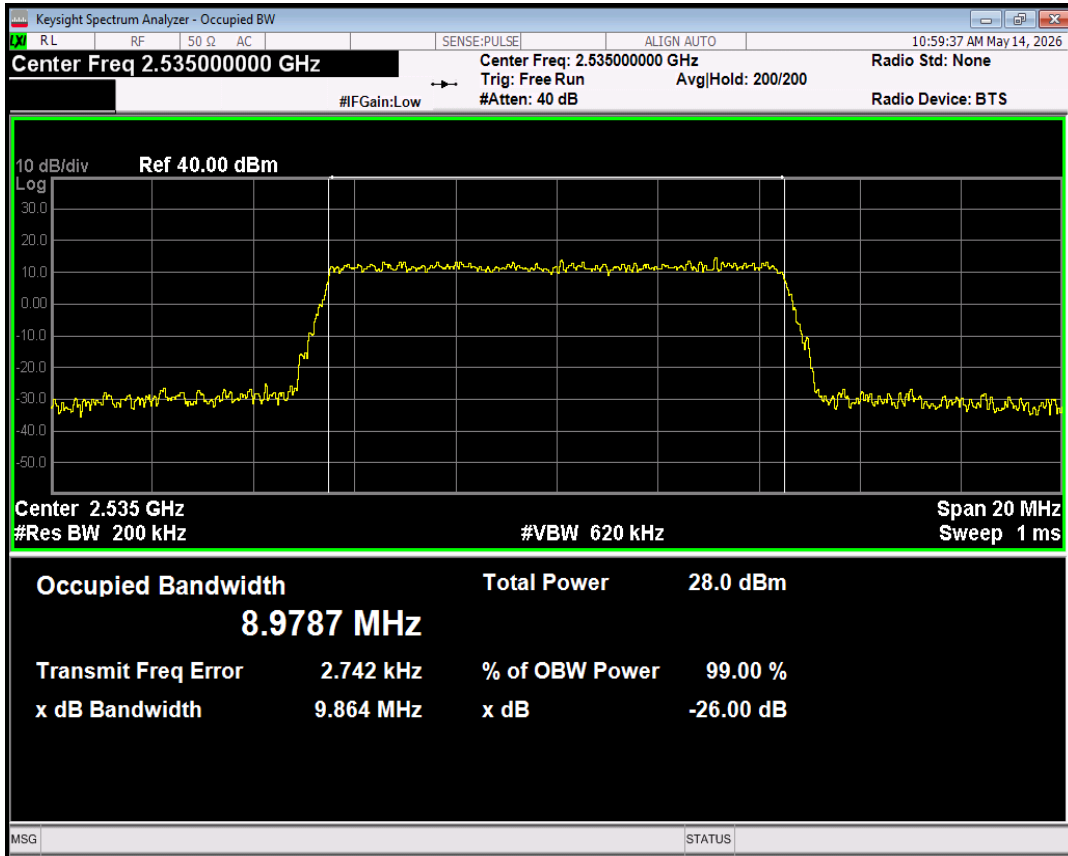
Band7 QPSK BW=5MHz Channel=21100 RB Size=25 Position=#0



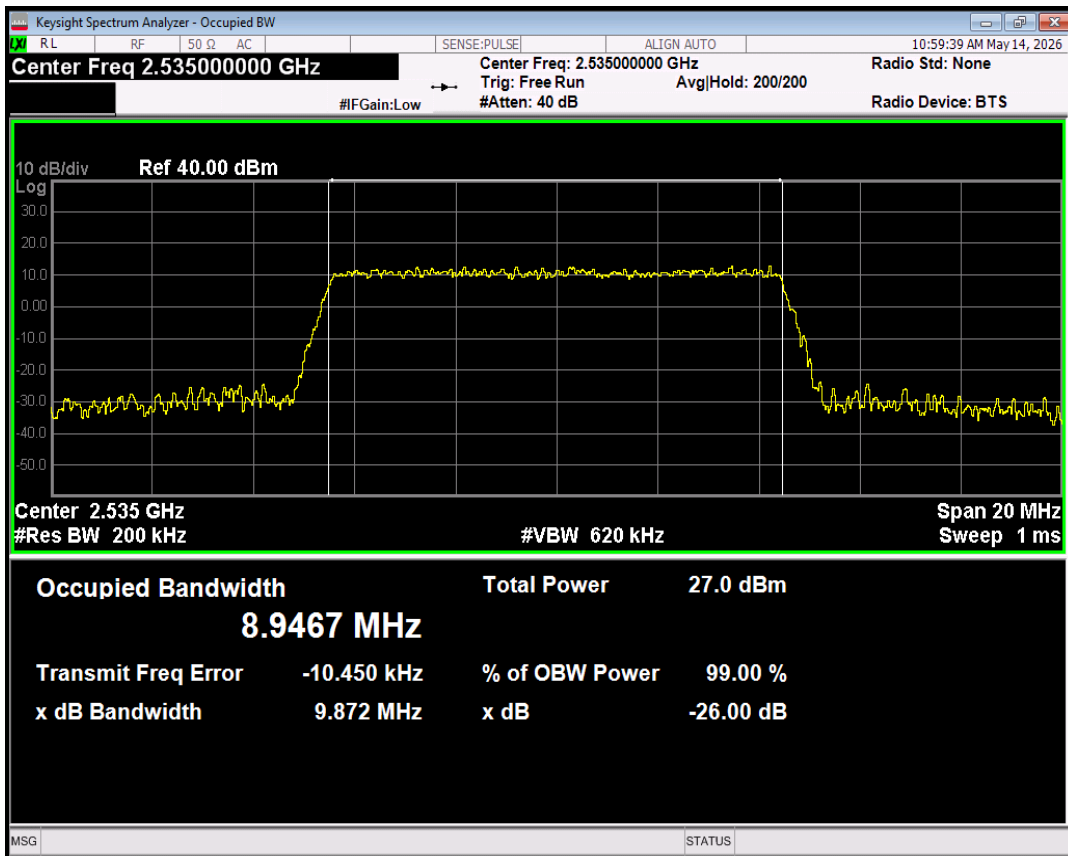
Band7 16QAM BW=5MHz Channel=21100 RB Size=25 Position=#0



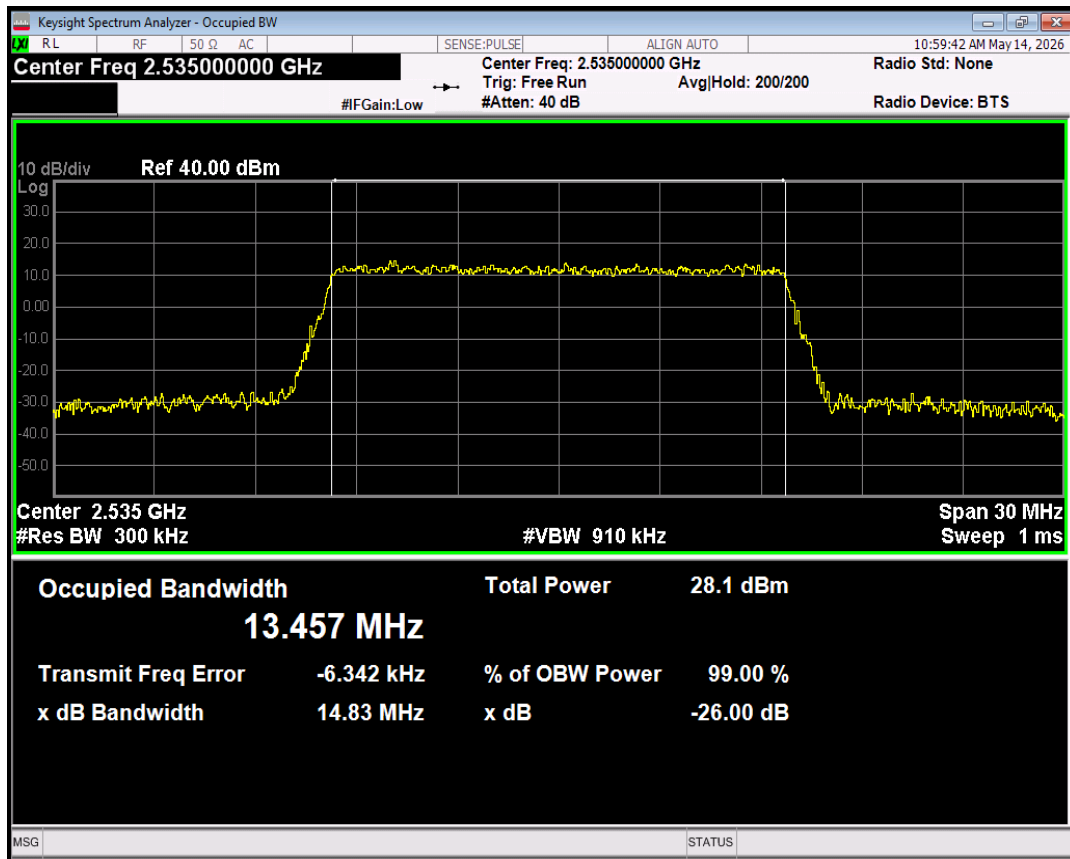
Band7 QPSK BW=10MHz Channel=21100 RB Size=50 Position=#0



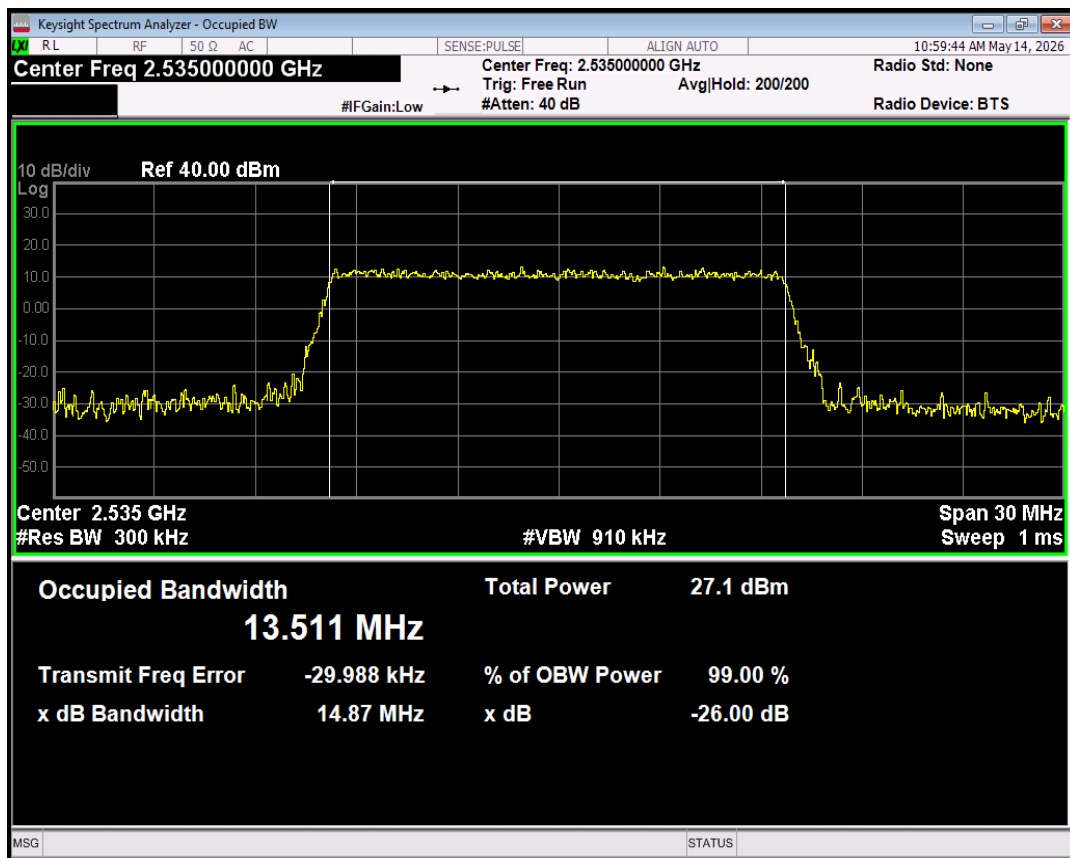
Band7 16QAM BW=10MHz Channel=21100 RB Size=50 Position=#0



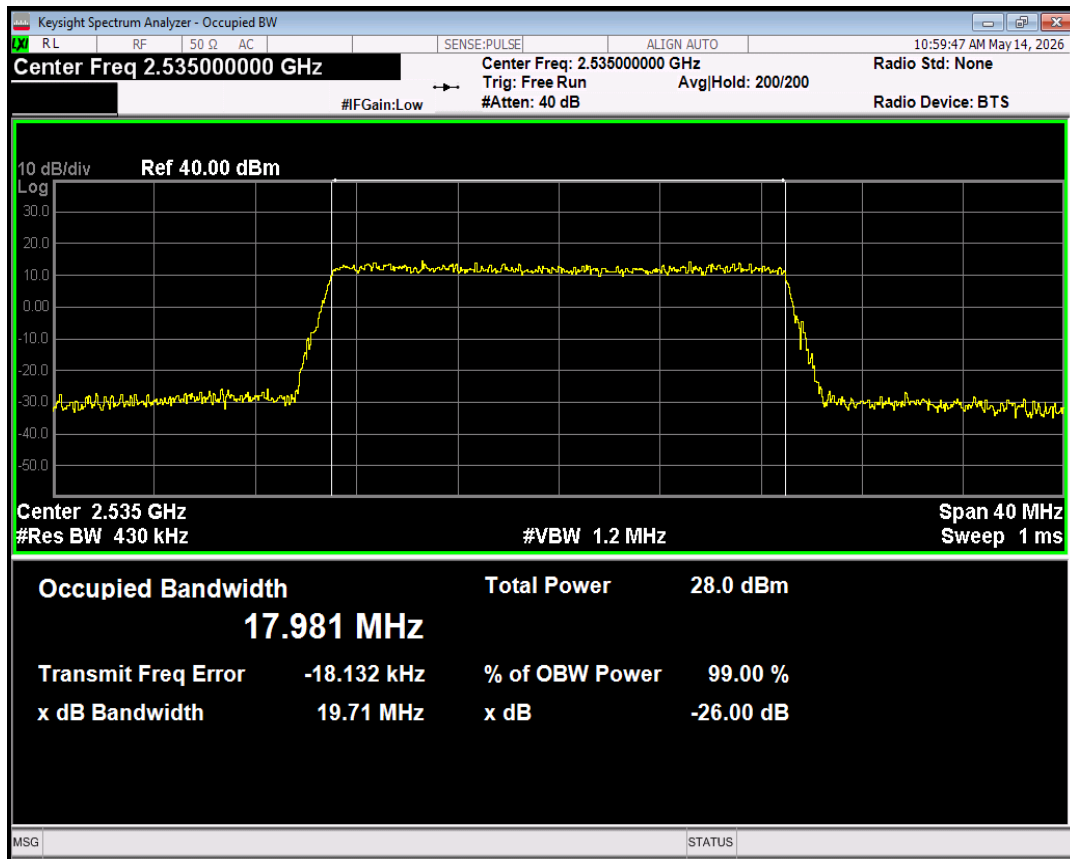
Band7 QPSK BW=15MHz Channel=21100 RB Size=75 Position=#0



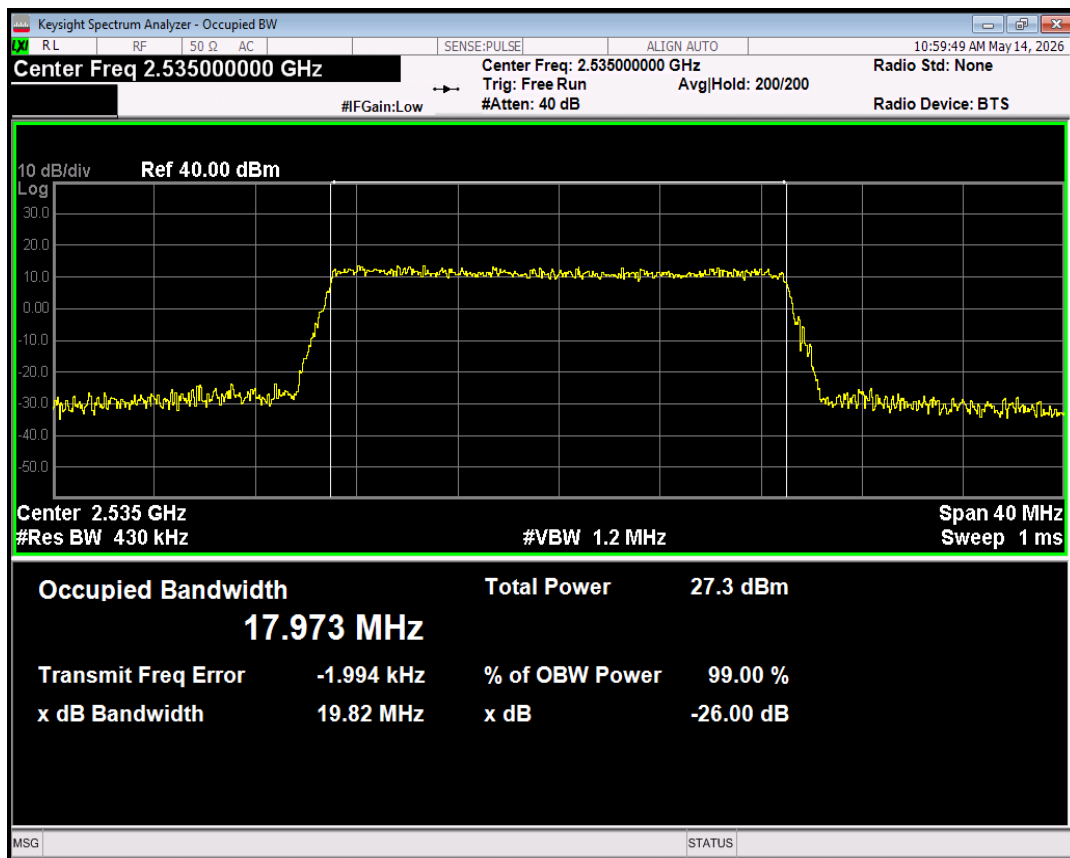
Band7 16QAM BW=15MHz Channel=21100 RB Size=75 Position=#0



Band7 QPSK BW=20MHz Channel=21100 RB Size=100 Position=#0



Band7 16QAM BW=20MHz Channel=21100 RB Size=100 Position=#0



05 Band edge

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band12	1.4	23017	1	#0	QPSK	699.00	-21.79	-13	PASS
Band12	1.4	23017	1	#Max	QPSK	698.33	-24.03	-13	PASS
Band12	1.4	23017	6	#0	QPSK	698.84	-28.65	-13	PASS
Band12	1.4	23017	1	#0	16QAM	699.00	-27.97	-13	PASS
Band12	1.4	23017	1	#Max	16QAM	698.35	-24.67	-13	PASS
Band12	1.4	23017	6	#0	16QAM	698.88	-29.52	-13	PASS
Band12	1.4	23173	1	#0	QPSK	716.67	-25.80	-13	PASS
Band12	1.4	23173	1	#Max	QPSK	716.00	-23.51	-13	PASS
Band12	1.4	23173	6	#0	QPSK	716.14	-21.91	-13	PASS
Band12	1.4	23173	1	#0	16QAM	716.64	-25.13	-13	PASS
Band12	1.4	23173	1	#Max	16QAM	716.00	-30.51	-13	PASS
Band12	1.4	23173	6	#0	16QAM	716.15	-31.53	-13	PASS
Band12	3	23025	1	#0	QPSK	699.00	-16.40	-13	PASS
Band12	3	23025	1	#Max	QPSK	696.73	-23.65	-13	PASS
Band12	3	23025	15	#0	QPSK	699.00	-25.95	-13	PASS
Band12	3	23025	1	#0	16QAM	699.00	-16.07	-13	PASS
Band12	3	23025	1	#Max	16QAM	696.74	-24.07	-13	PASS
Band12	3	23025	15	#0	16QAM	699.00	-27.25	-13	PASS
Band12	3	23165	1	#0	QPSK	718.31	-26.56	-13	PASS
Band12	3	23165	1	#Max	QPSK	716.00	-17.41	-13	PASS
Band12	3	23165	15	#0	QPSK	716.00	-25.61	-13	PASS
Band12	3	23165	1	#0	16QAM	718.29	-26.91	-13	PASS
Band12	3	23165	1	#Max	16QAM	716.00	-17.66	-13	PASS
Band12	3	23165	15	#0	16QAM	716.00	-28.37	-13	PASS
Band12	5	23035	1	#0	QPSK	698.99	-23.29	-13	PASS
Band12	5	23035	1	#Max	QPSK	695.04	-24.64	-13	PASS
Band12	5	23035	25	#0	QPSK	698.74	-31.73	-13	PASS
Band12	5	23035	1	#0	16QAM	699.00	-24.16	-13	PASS
Band12	5	23035	1	#Max	16QAM	695.06	-25.32	-13	PASS
Band12	5	23035	25	#0	16QAM	698.70	-33.29	-13	PASS
Band12	5	23155	1	#0	QPSK	719.98	-28.48	-13	PASS
Band12	5	23155	1	#Max	QPSK	716.00	-22.74	-13	PASS
Band12	5	23155	25	#0	QPSK	716.19	-27.01	-13	PASS
Band12	5	23155	1	#0	16QAM	720.02	-29.34	-13	PASS
Band12	5	23155	1	#Max	16QAM	716.00	-26.22	-13	PASS
Band12	5	23155	25	#0	16QAM	716.34	-33.92	-13	PASS
Band12	10	23060	1	#0	QPSK	699.61	15.37	30	PASS
Band12	10	23060	1	#Max	QPSK	708.48	14.76	30	PASS
Band12	10	23060	50	#0	QPSK	698.81	-35.56	-13	PASS
Band12	10	23060	1	#0	16QAM	699.00	-29.09	-13	PASS
Band12	10	23060	1	#Max	16QAM	690.77	-31.84	-13	PASS
Band12	10	23060	50	#0	16QAM	707.88	-5.10	30	PASS