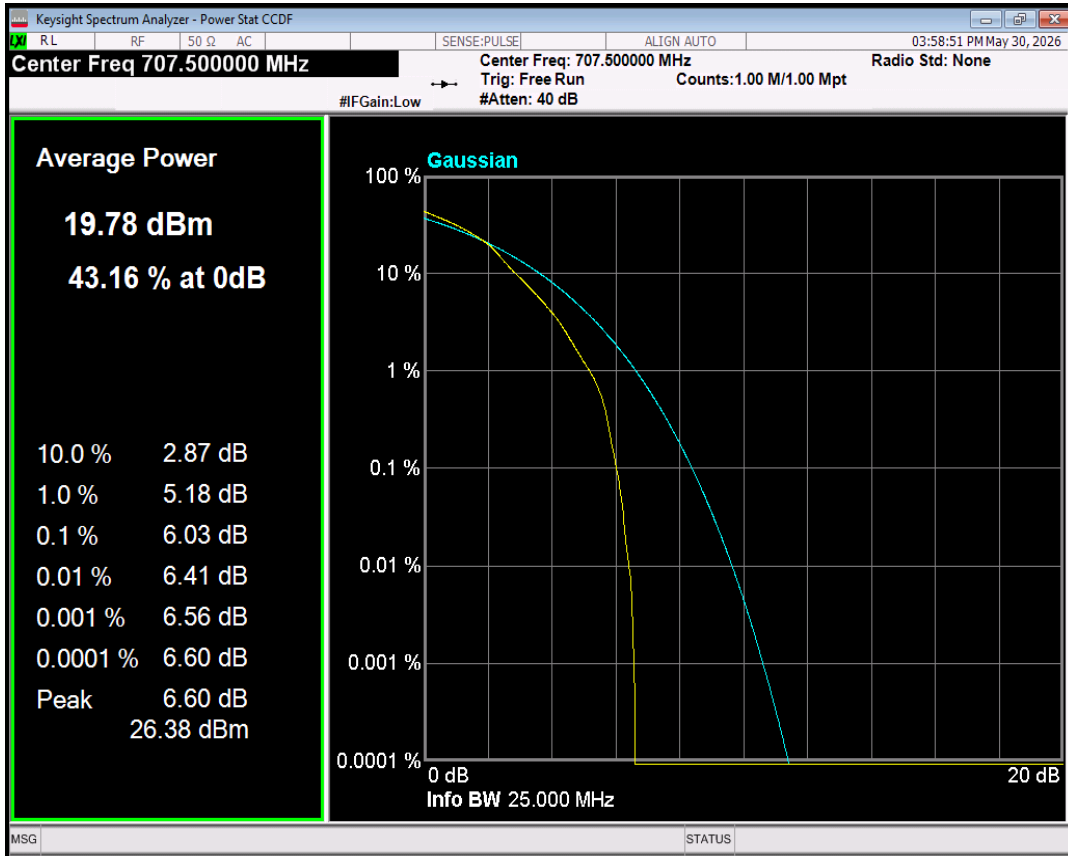
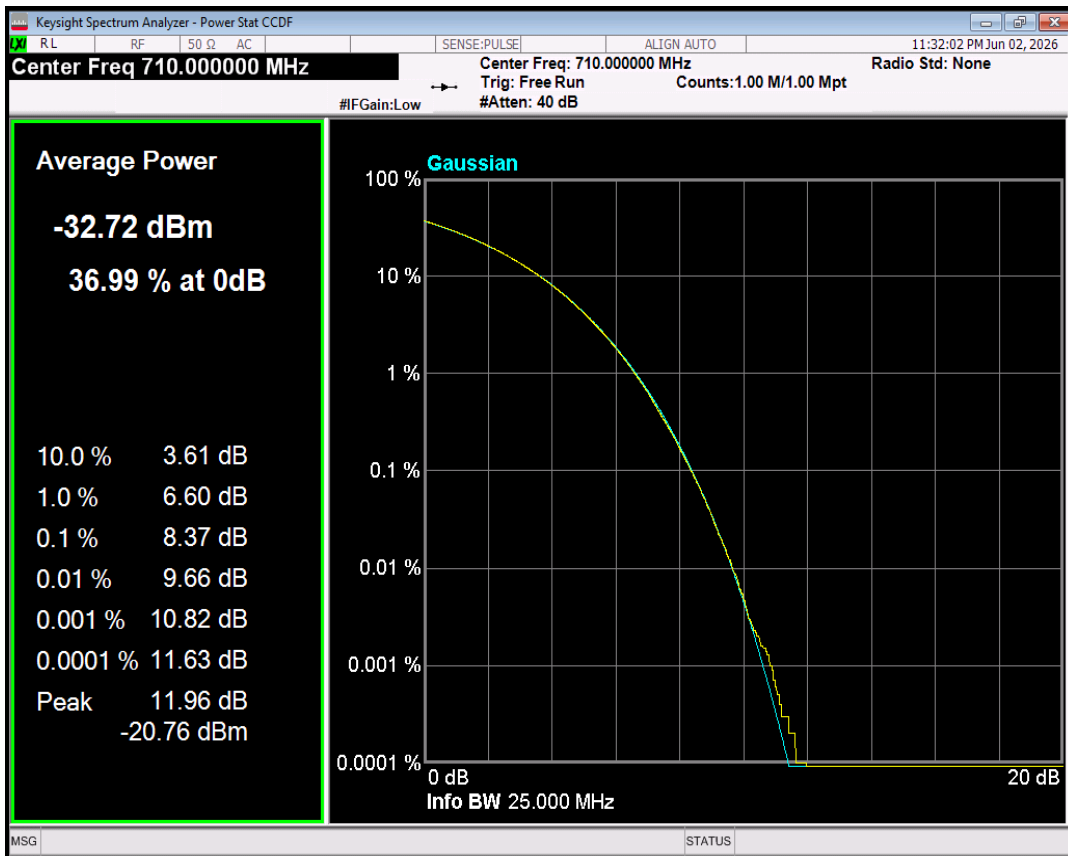
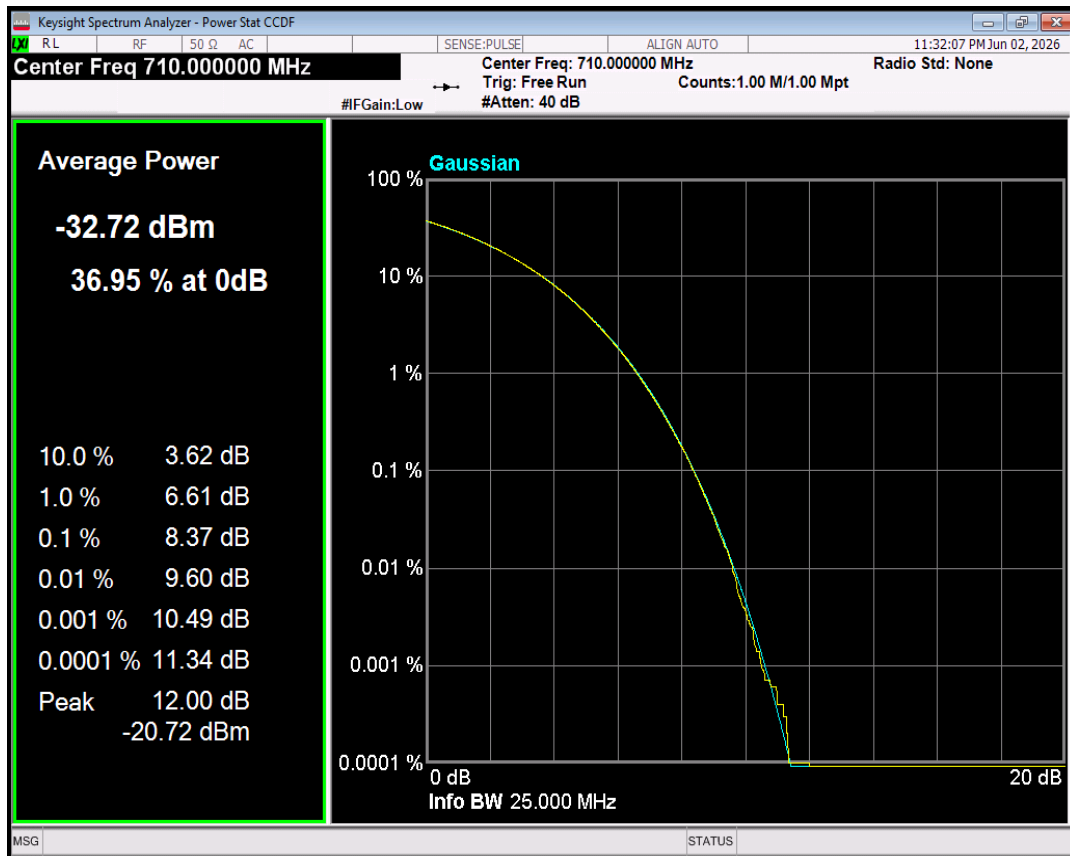
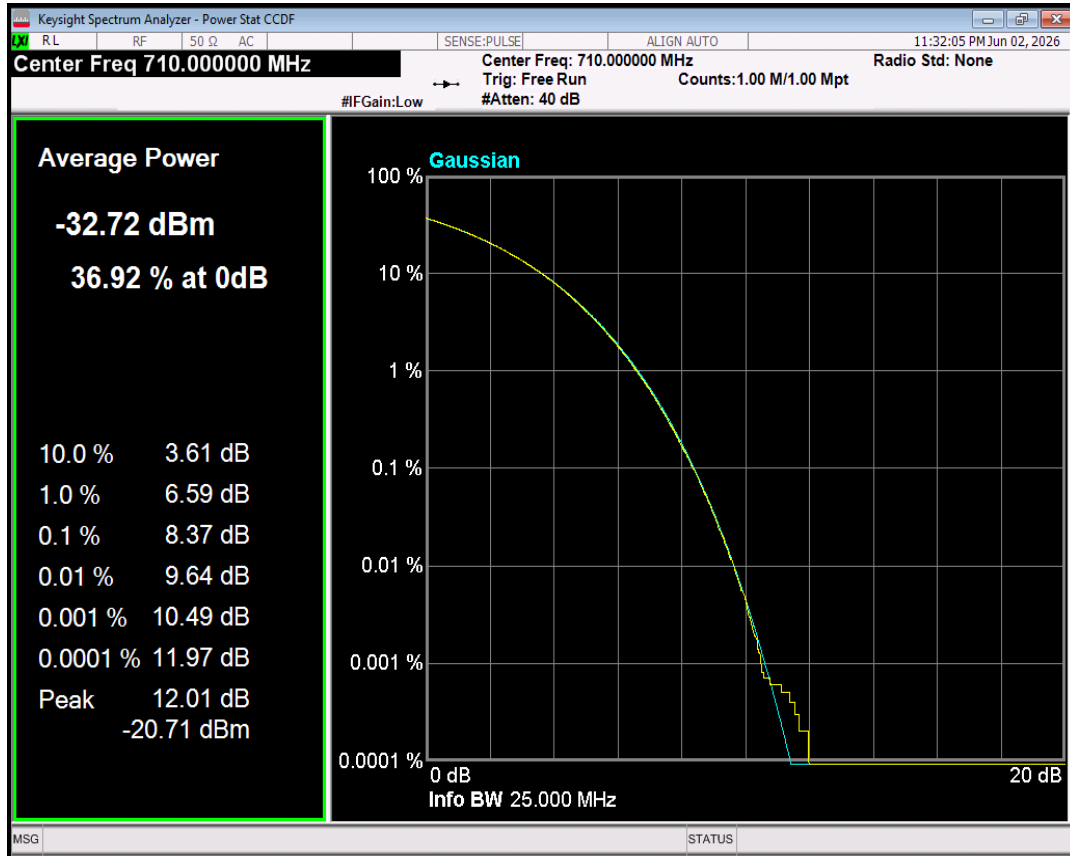


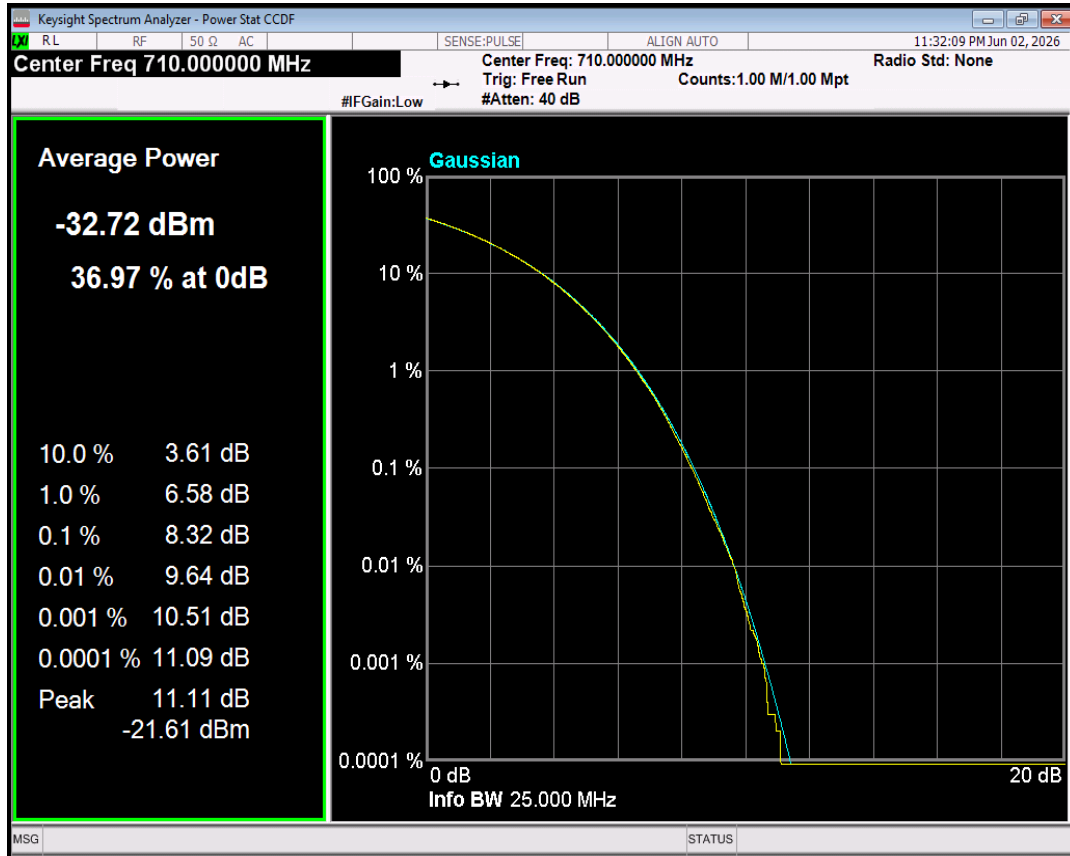


Band17 QPSK BW=5MHz Channel=23790 RB Size=1 Position=#0

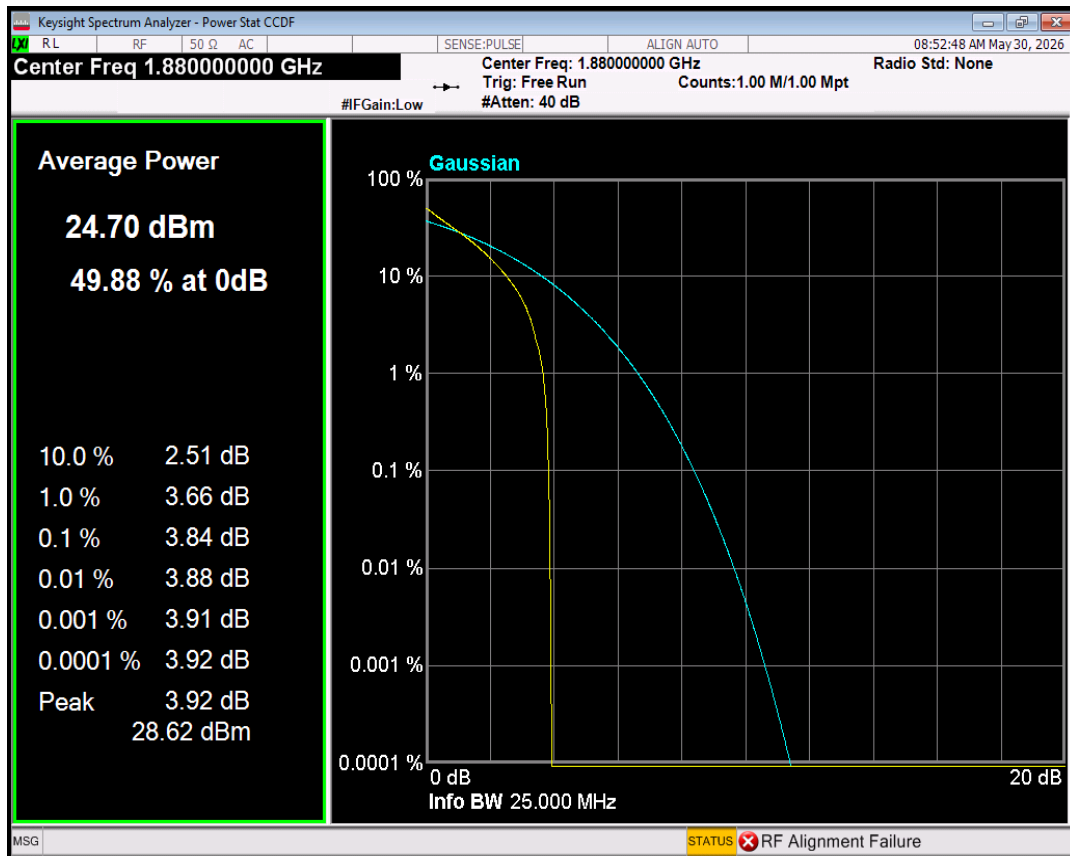


Band17 16QAM BW=5MHz Channel=23790 RB Size=1 Position=#0

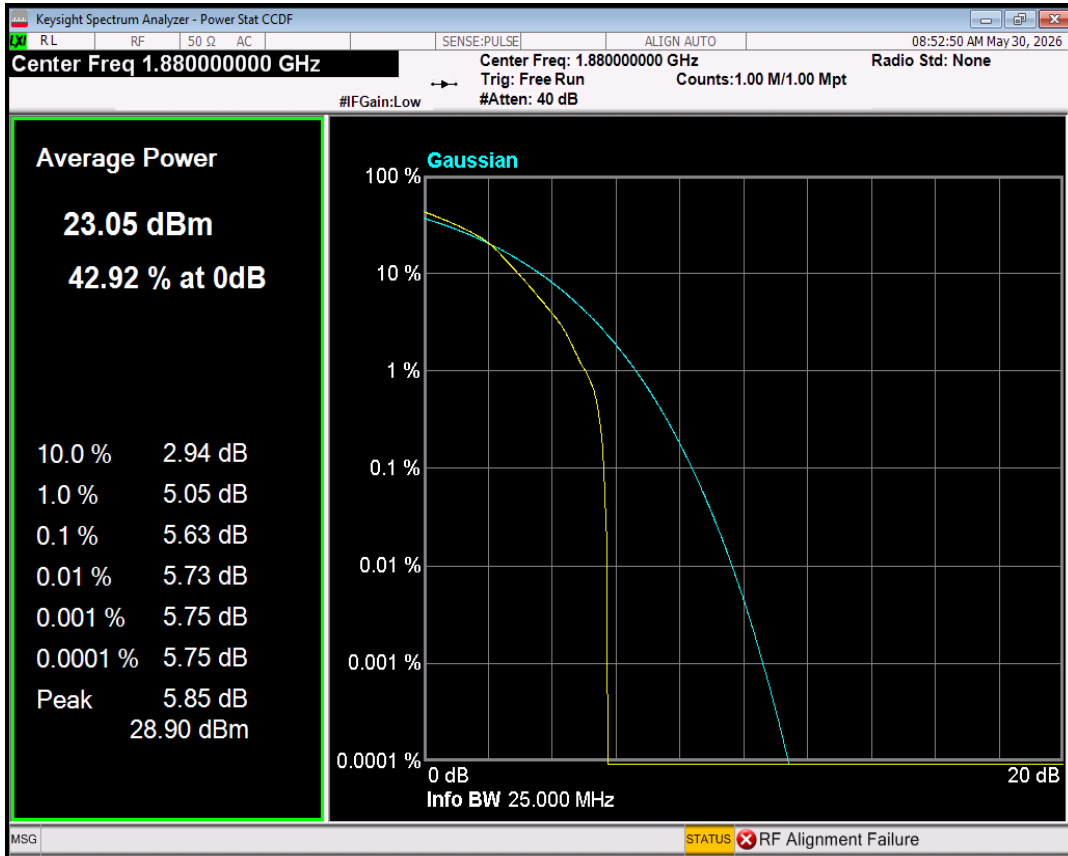




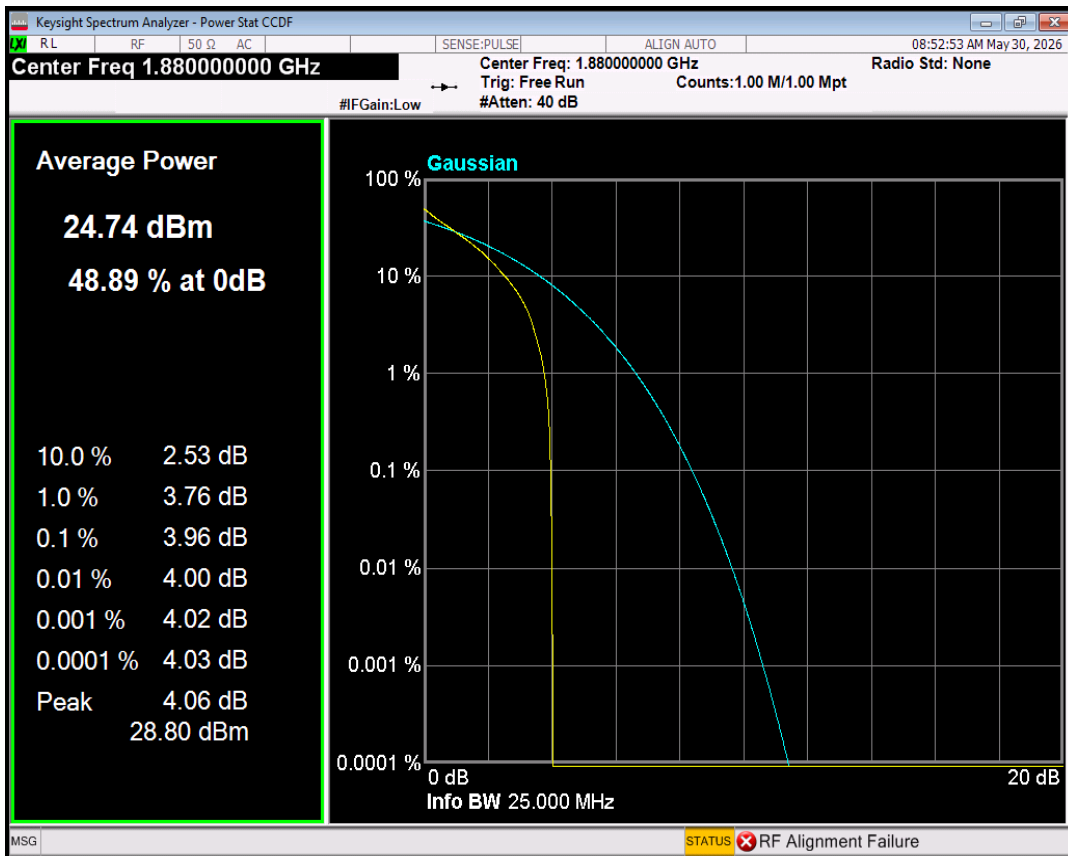
Band2 QPSK BW=1.4MHz Channel=18900 RB Size=1 Position=#0



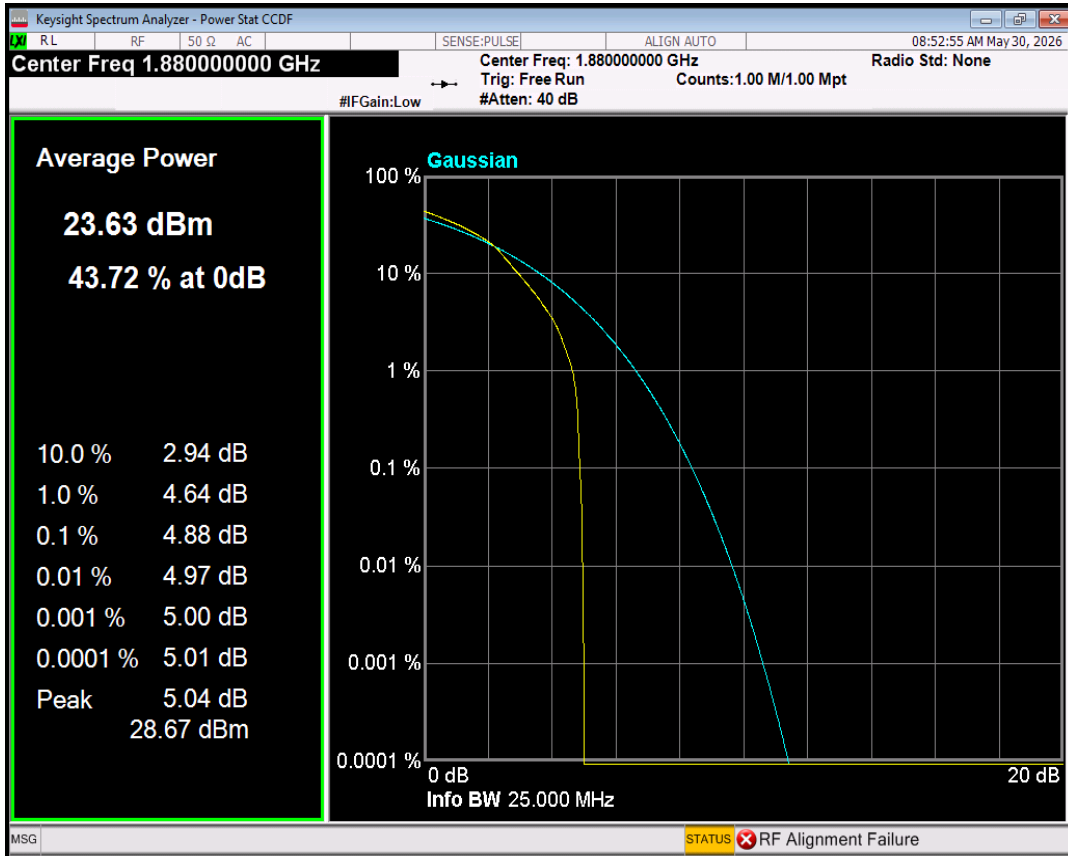
Band2 16QAM BW=1.4MHz Channel=18900 RB Size=1 Position=#0



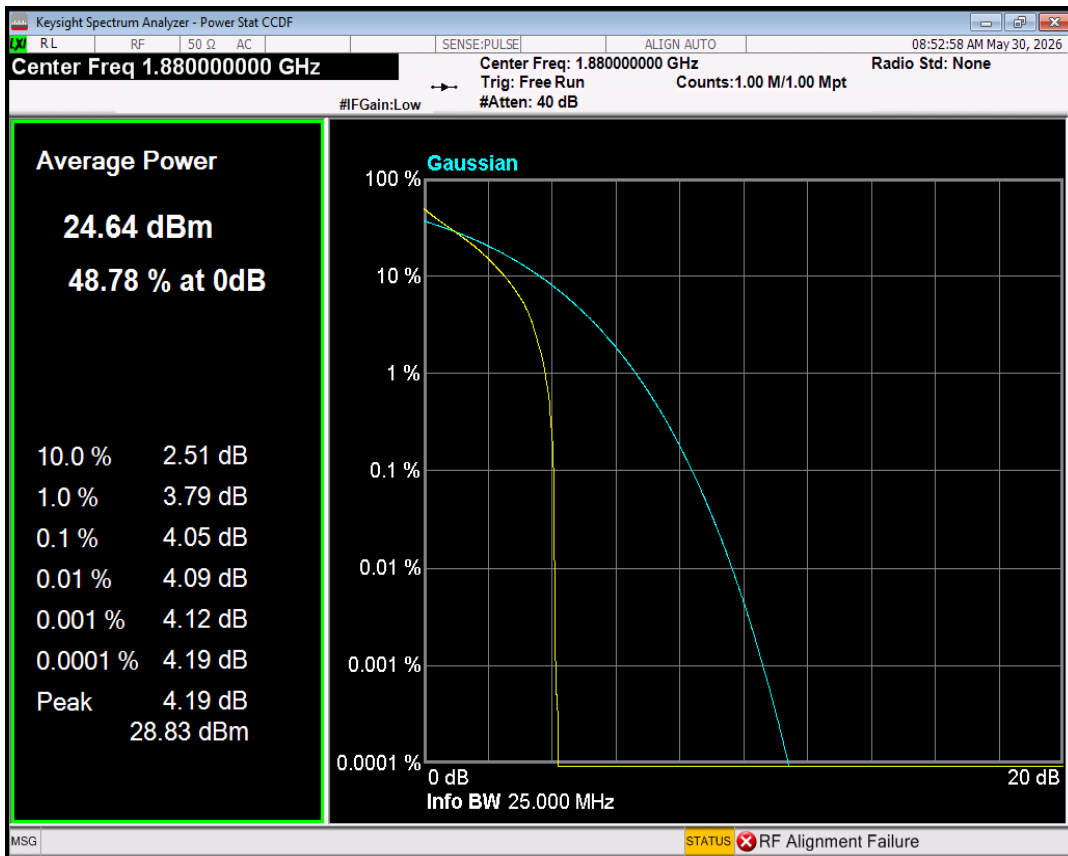
Band2 QPSK BW=3MHz Channel=18900 RB Size=1 Position=#0



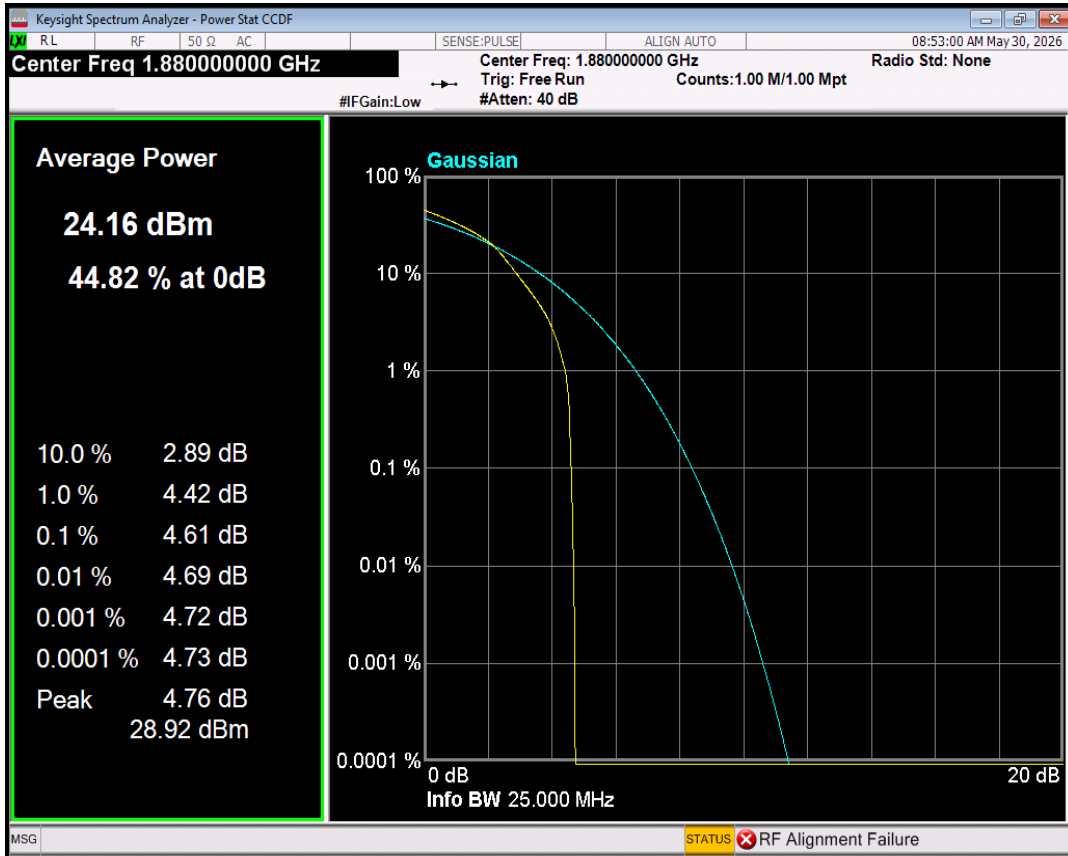
Band2 16QAM BW=3MHz Channel=18900 RB Size=1 Position=#0



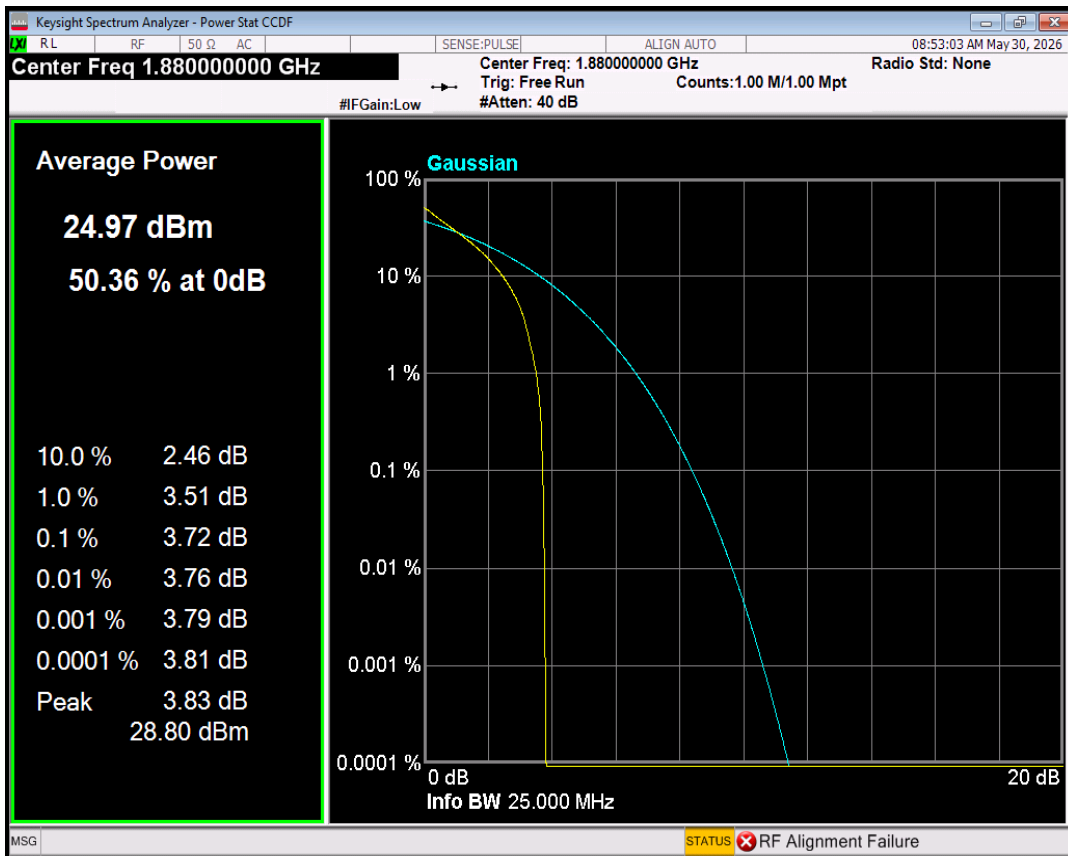
Band2 QPSK BW=5MHz Channel=18900 RB Size=1 Position=#0



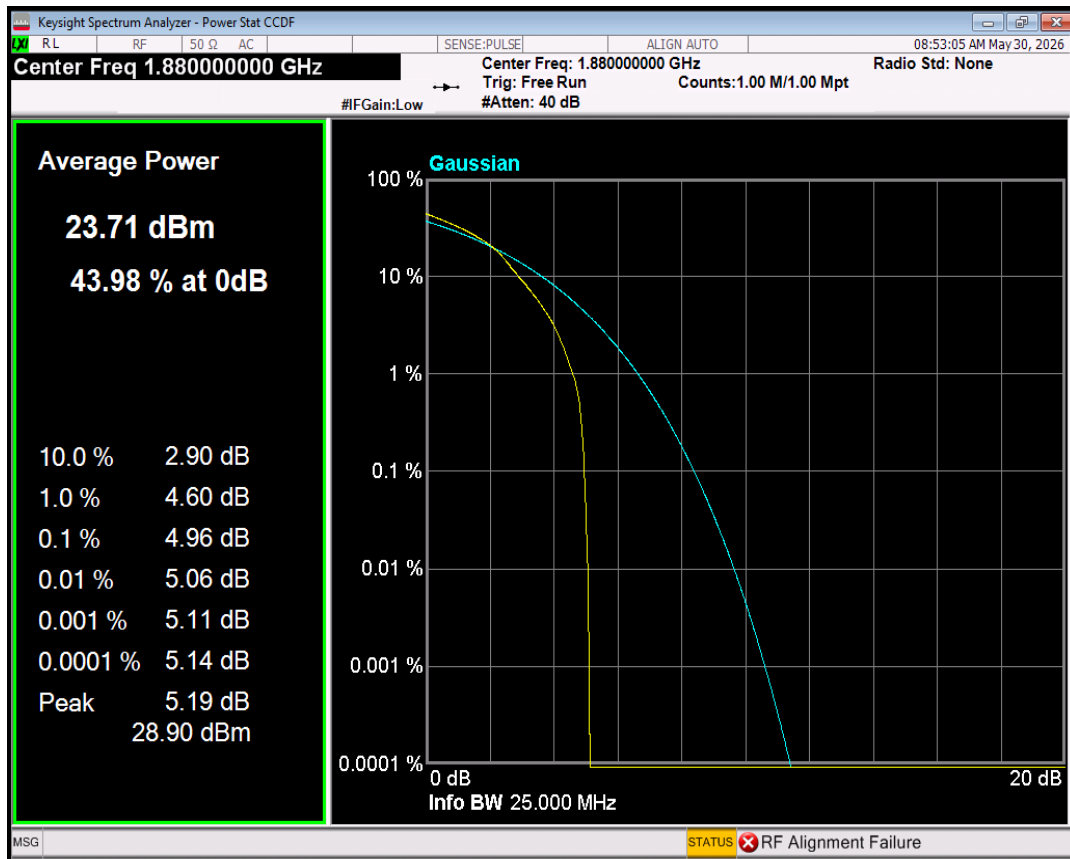
Band2 16QAM BW=5MHz Channel=18900 RB Size=1 Position=#0



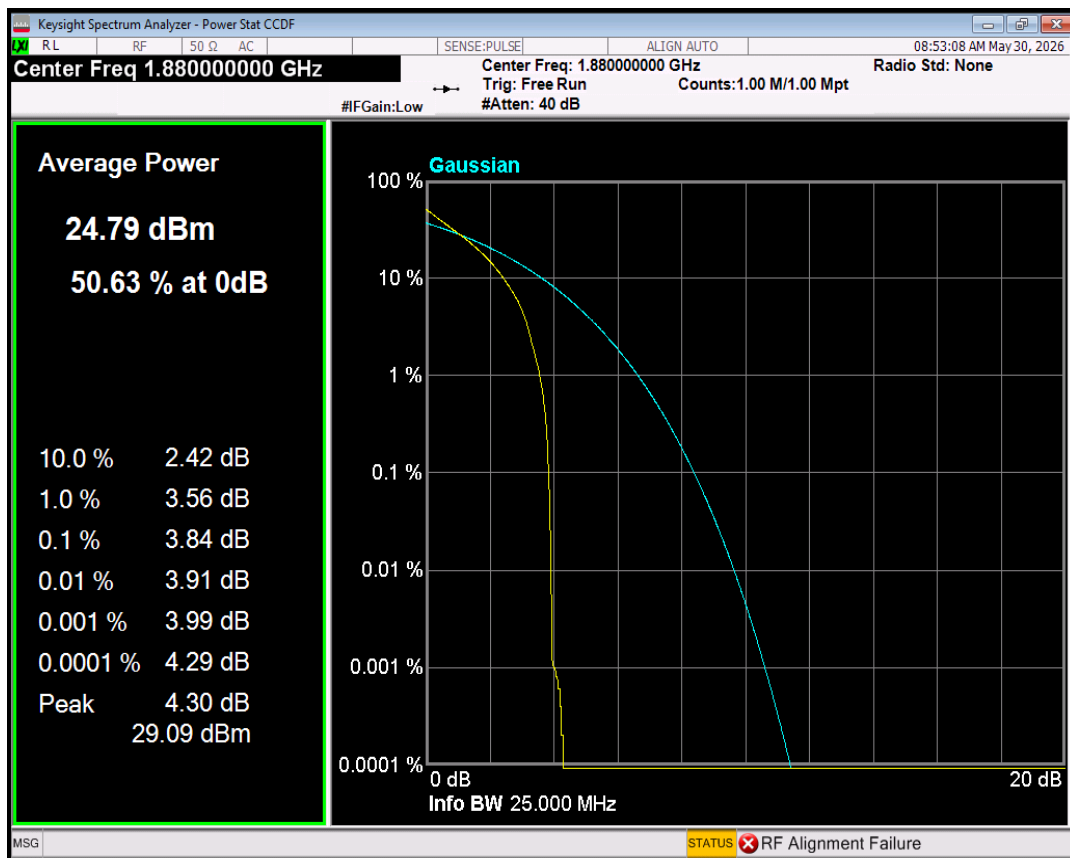
Band2 QPSK BW=10MHz Channel=18900 RB Size=1 Position=#0



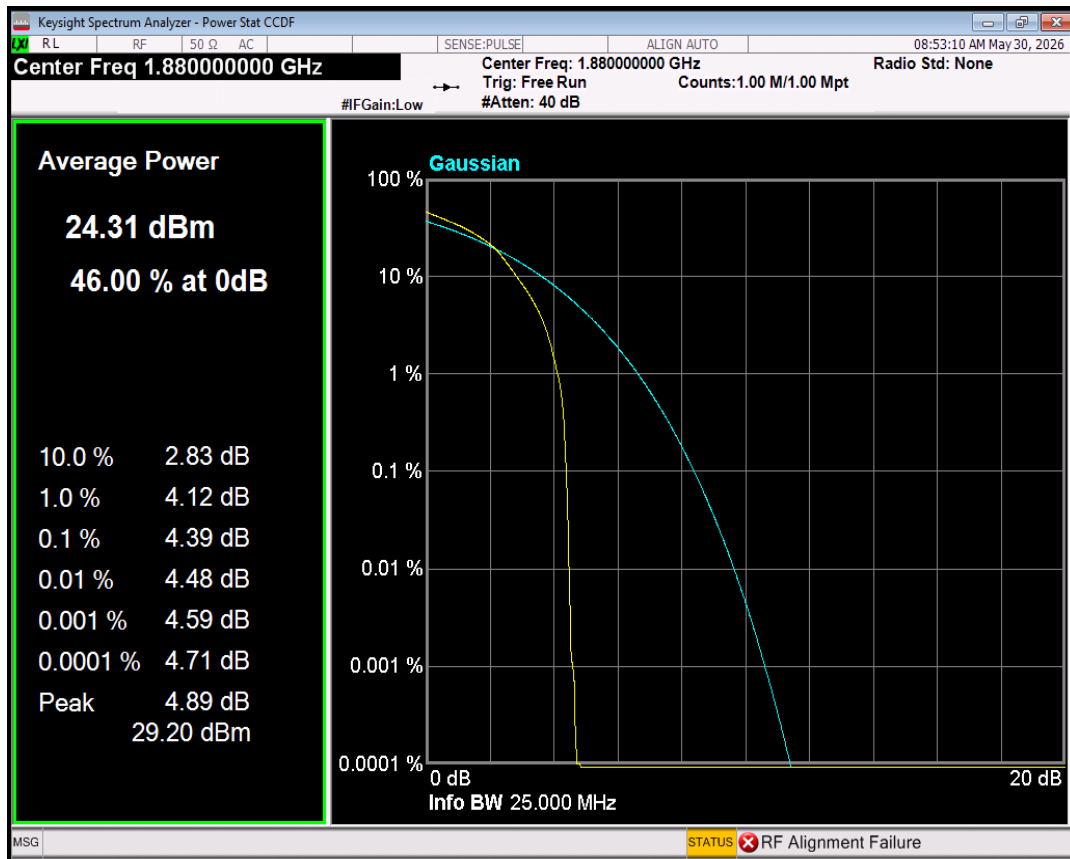
Band2 16QAM BW=10MHz Channel=18900 RB Size=1 Position=#0



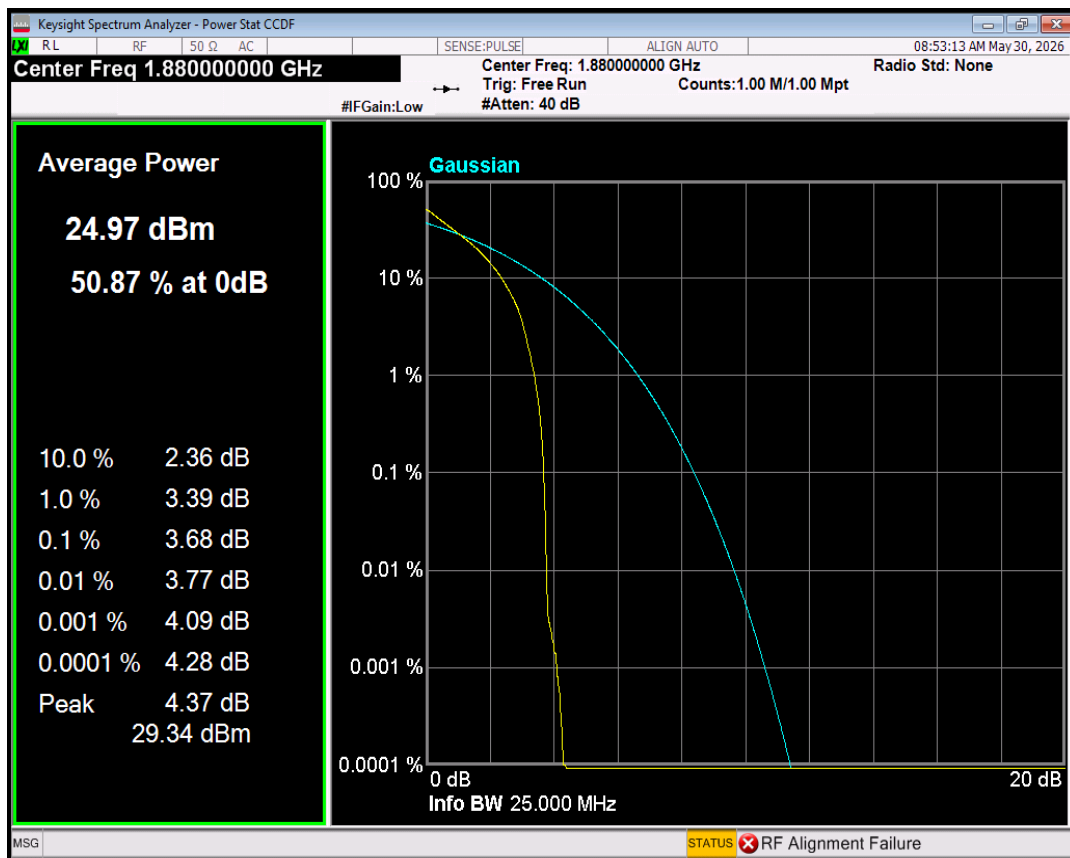
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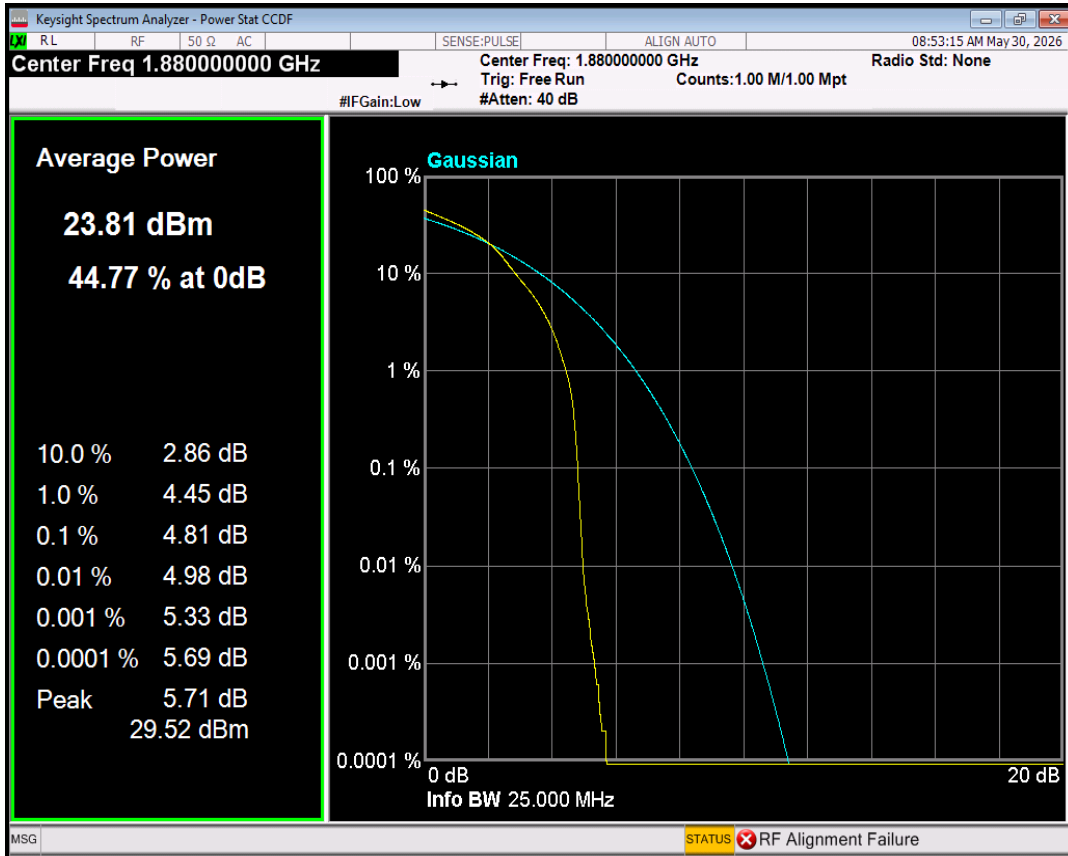
Band2 16QAM BW=15MHz Channel=18900 RB Size=1 Position=#0



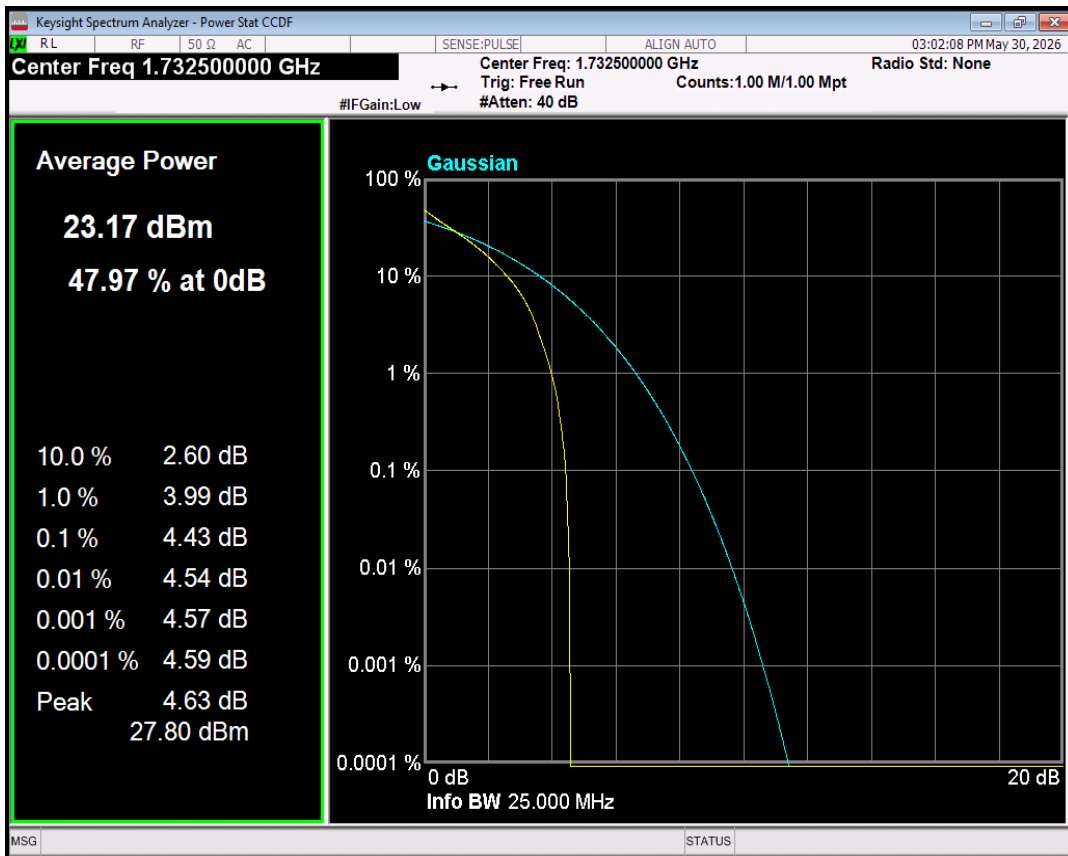
Band2 QPSK BW=20MHz Channel=18900 RB Size=1 Position=#0



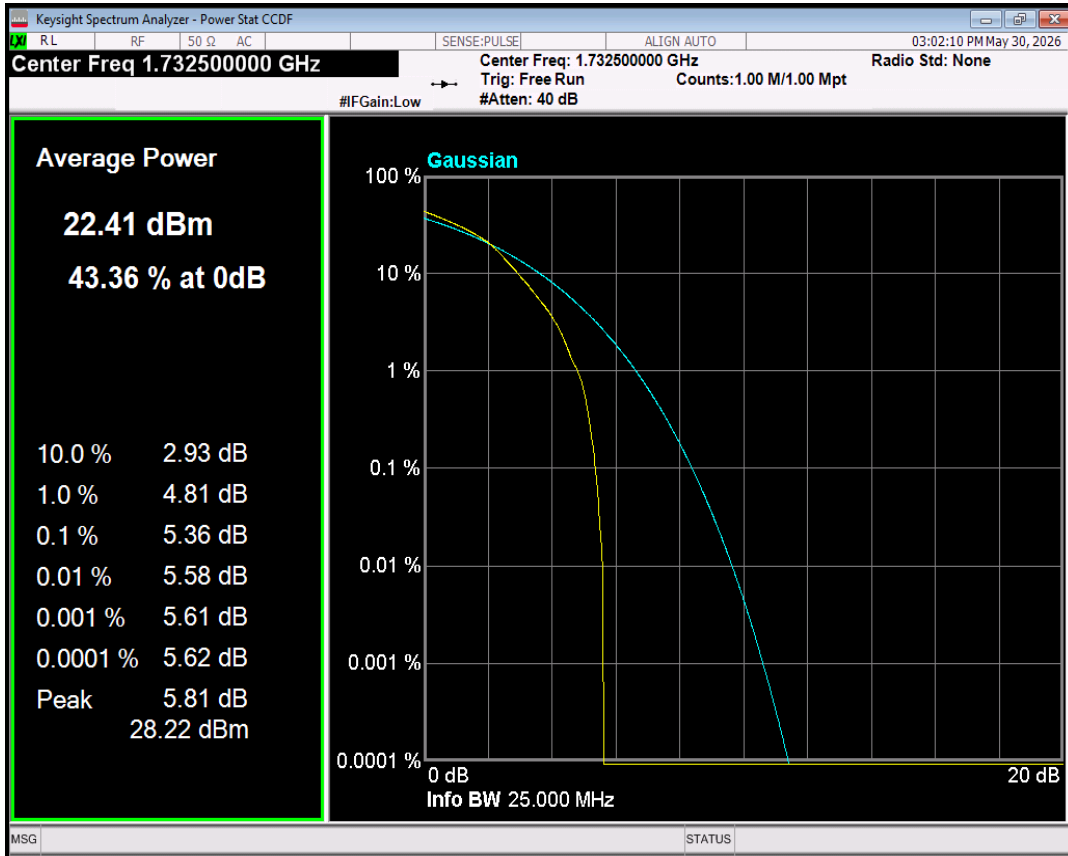
Band2 16QAM BW=20MHz Channel=18900 RB Size=1 Position=#0



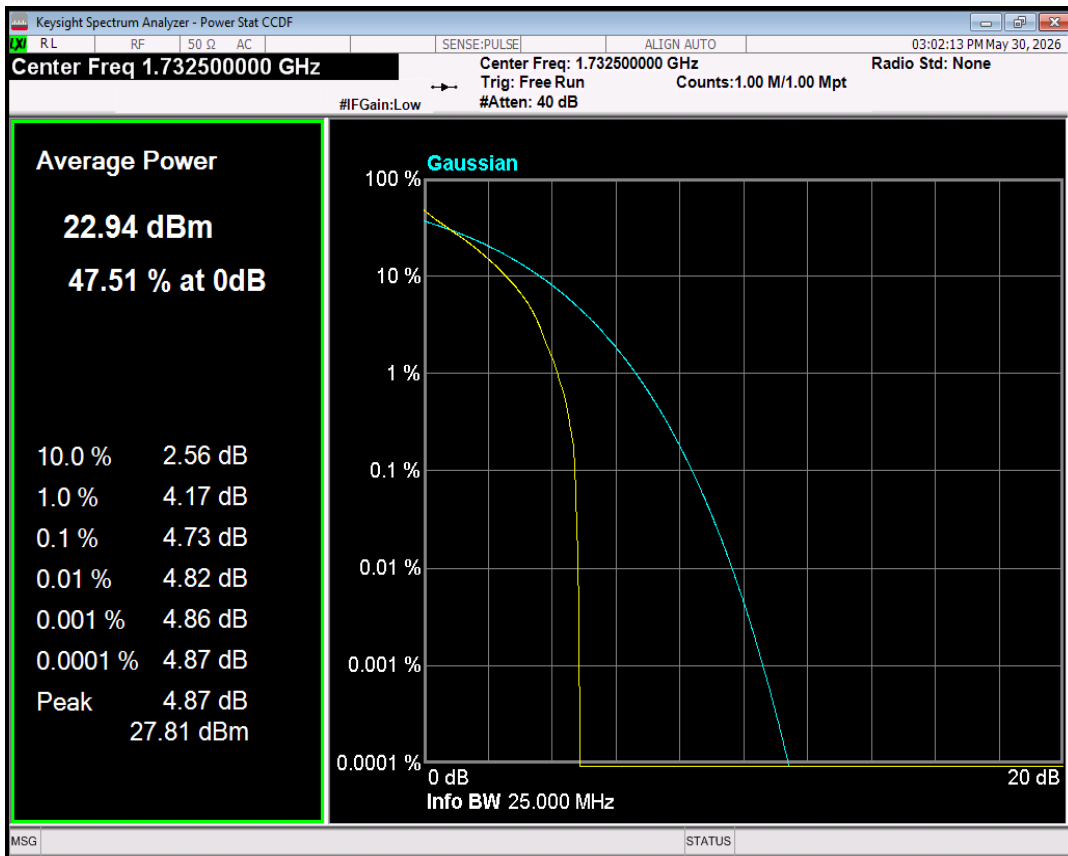
Band4 QPSK BW=1.4MHz Channel=20175 RB Size=1 Position=#0



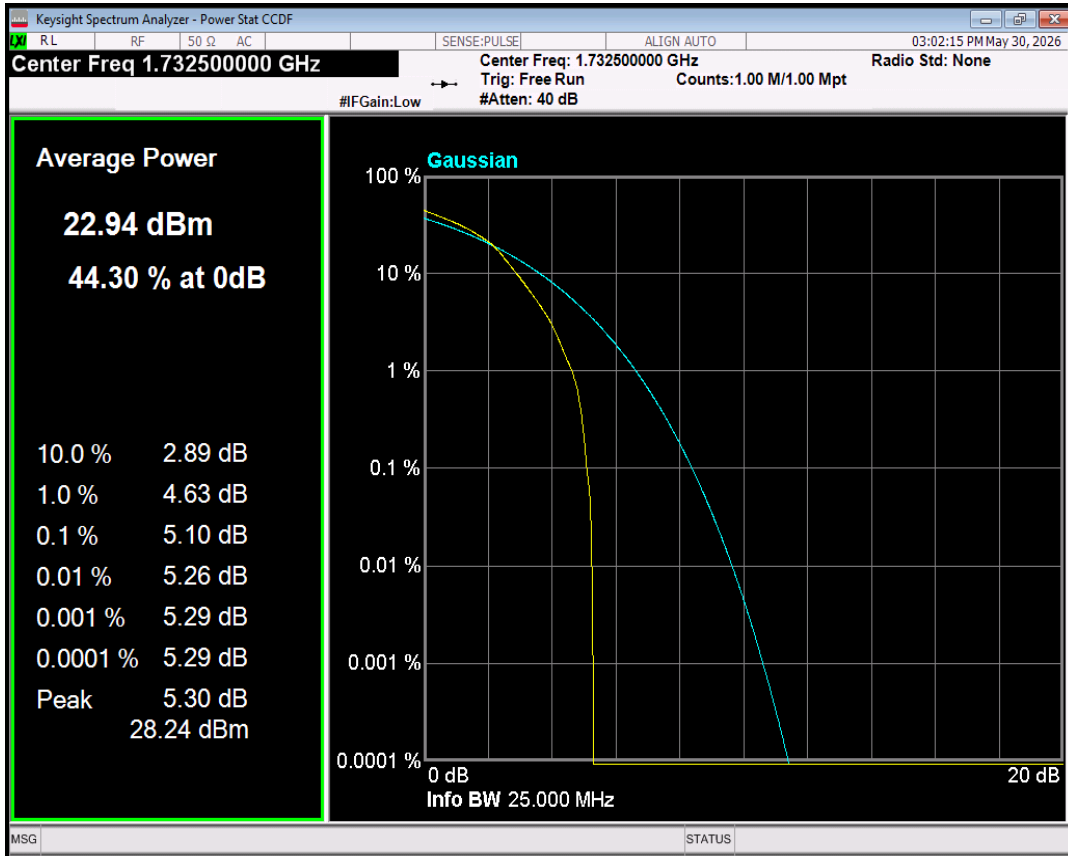
Band4 16QAM BW=1.4MHz Channel=20175 RB Size=1 Position=#0



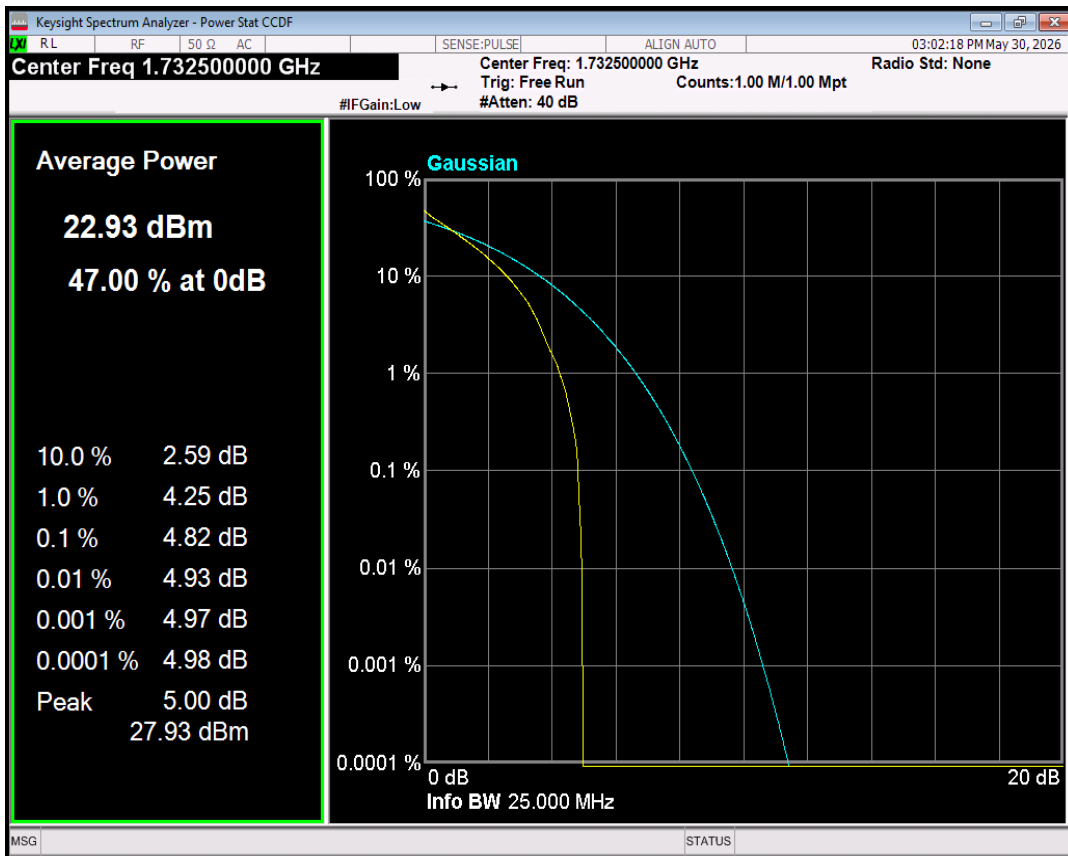
Band4 QPSK BW=3MHz Channel=20175 RB Size=1 Position=#0



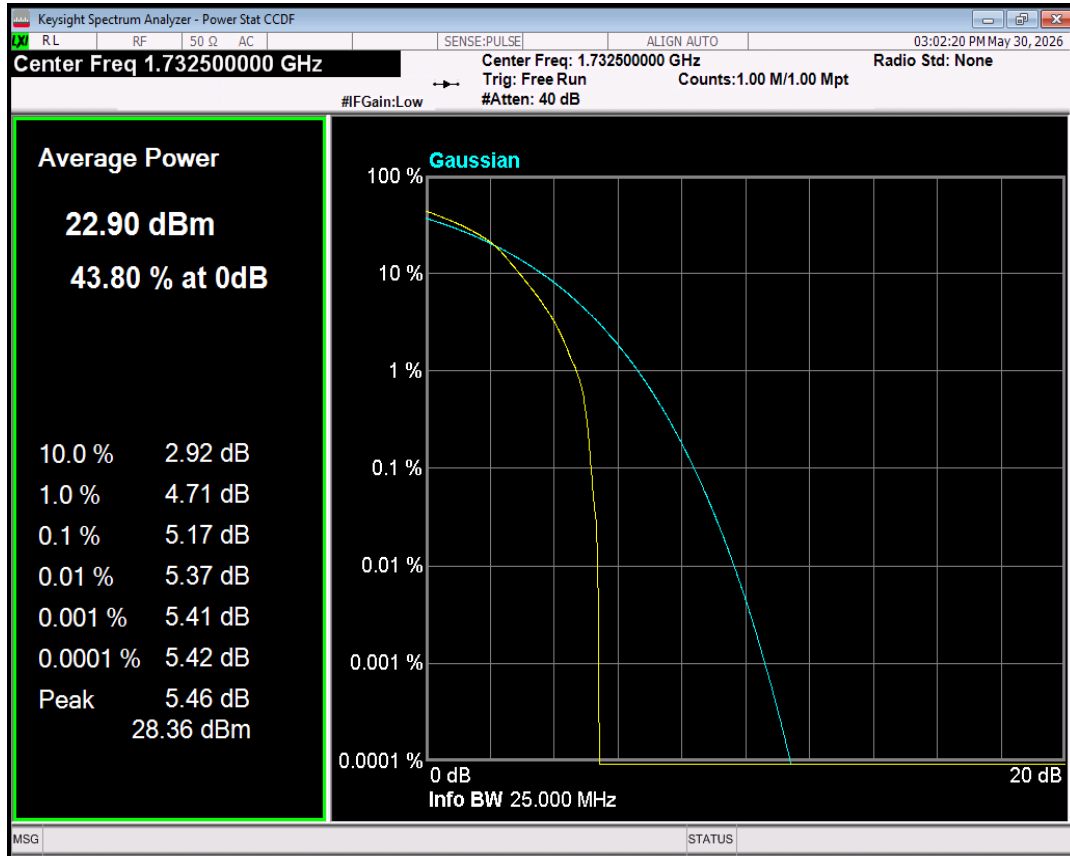
Band4 16QAM BW=3MHz Channel=20175 RB Size=1 Position=#0



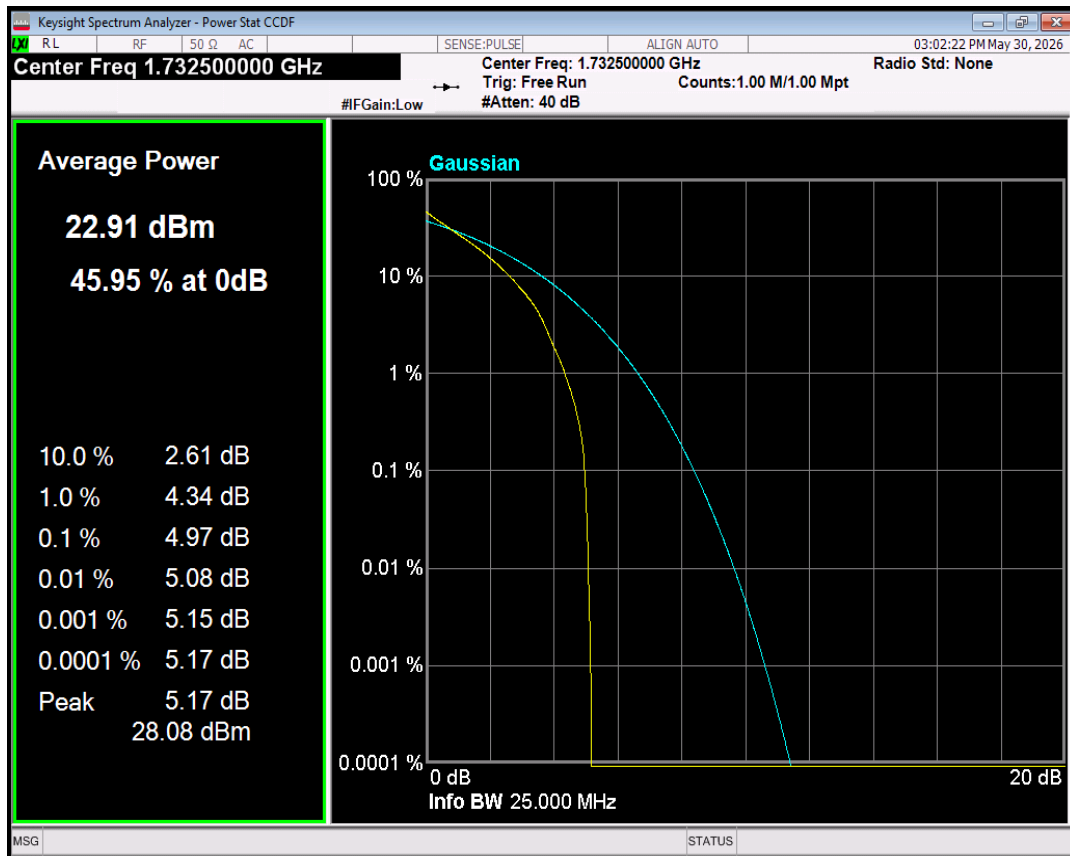
Band4 QPSK BW=5MHz Channel=20175 RB Size=1 Position=#0



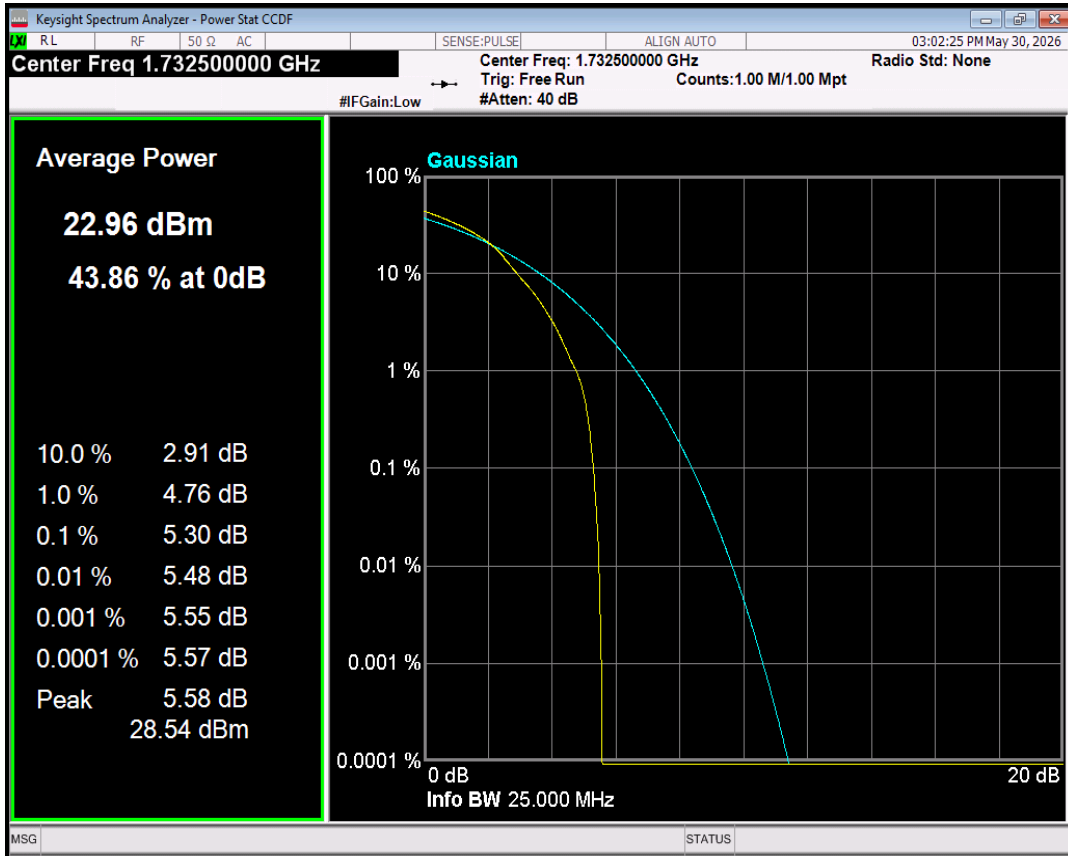
Band4 16QAM BW=5MHz Channel=20175 RB Size=1 Position=#0



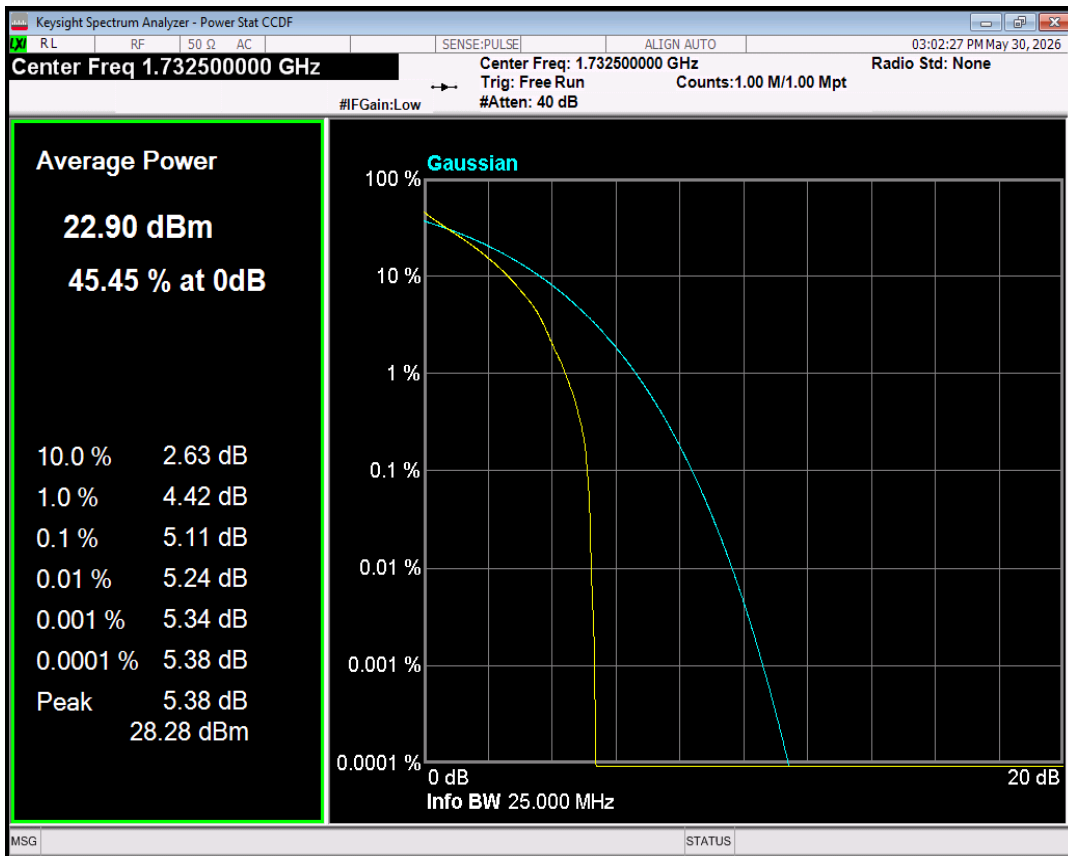
Band4 QPSK BW=10MHz Channel=20175 RB Size=1 Position=#0



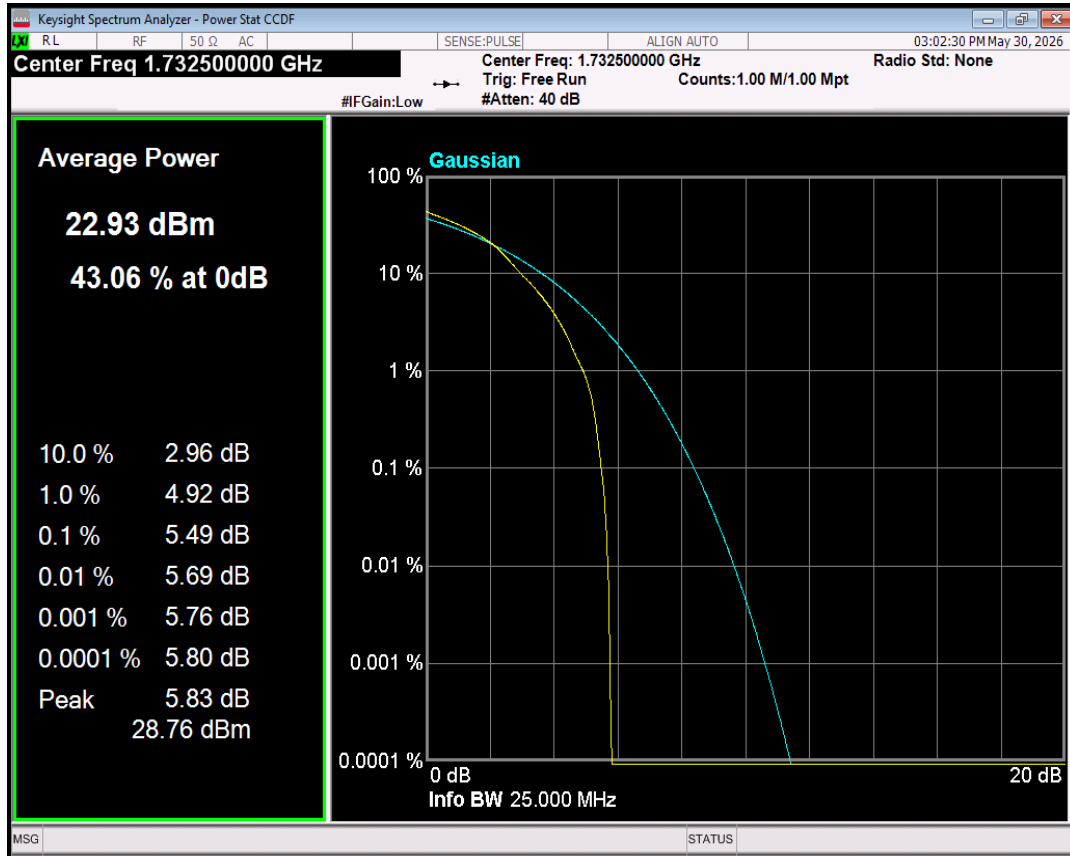
Band4 16QAM BW=10MHz Channel=20175 RB Size=1 Position=#0



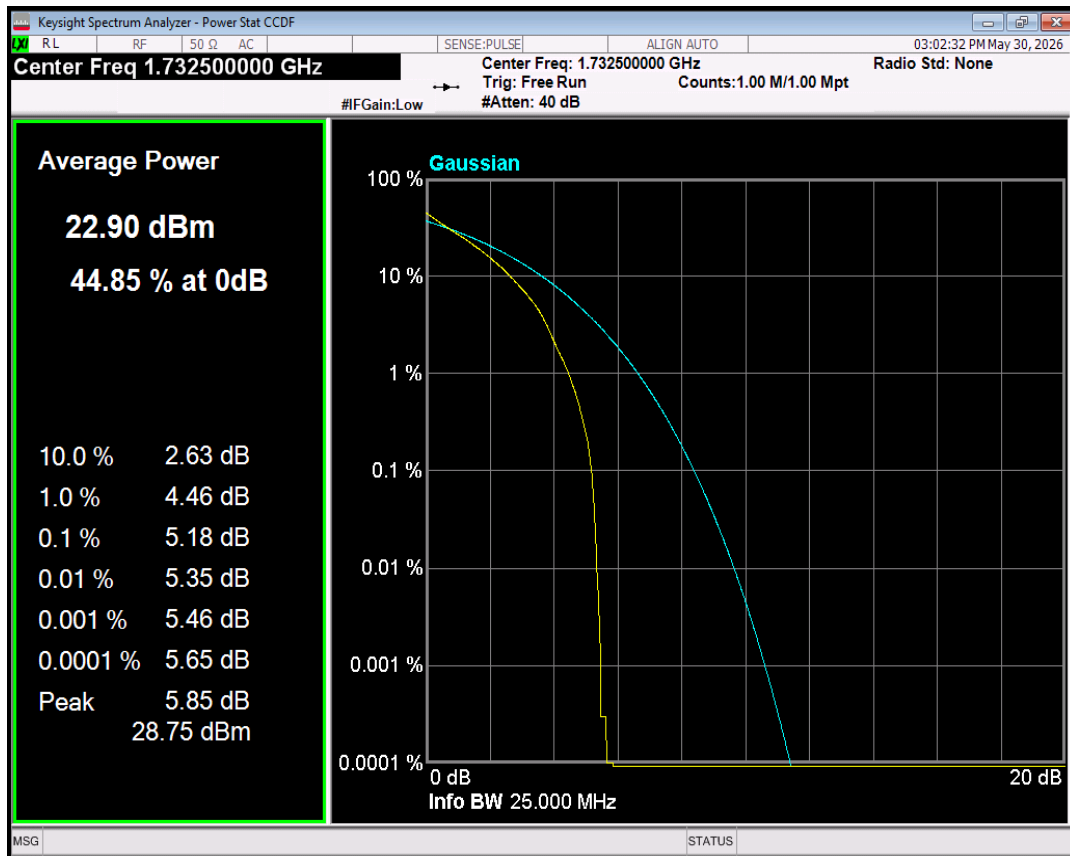
Band4 QPSK BW=15MHz Channel=20175 RB Size=1 Position=#0



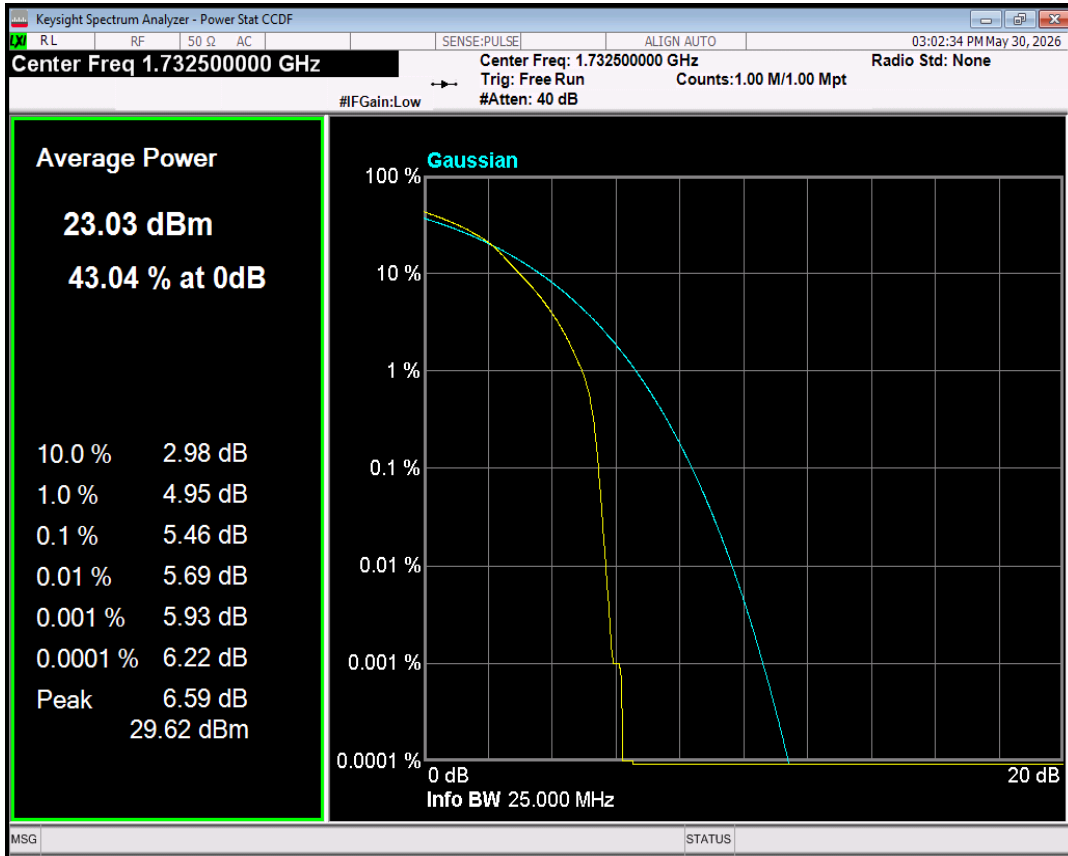
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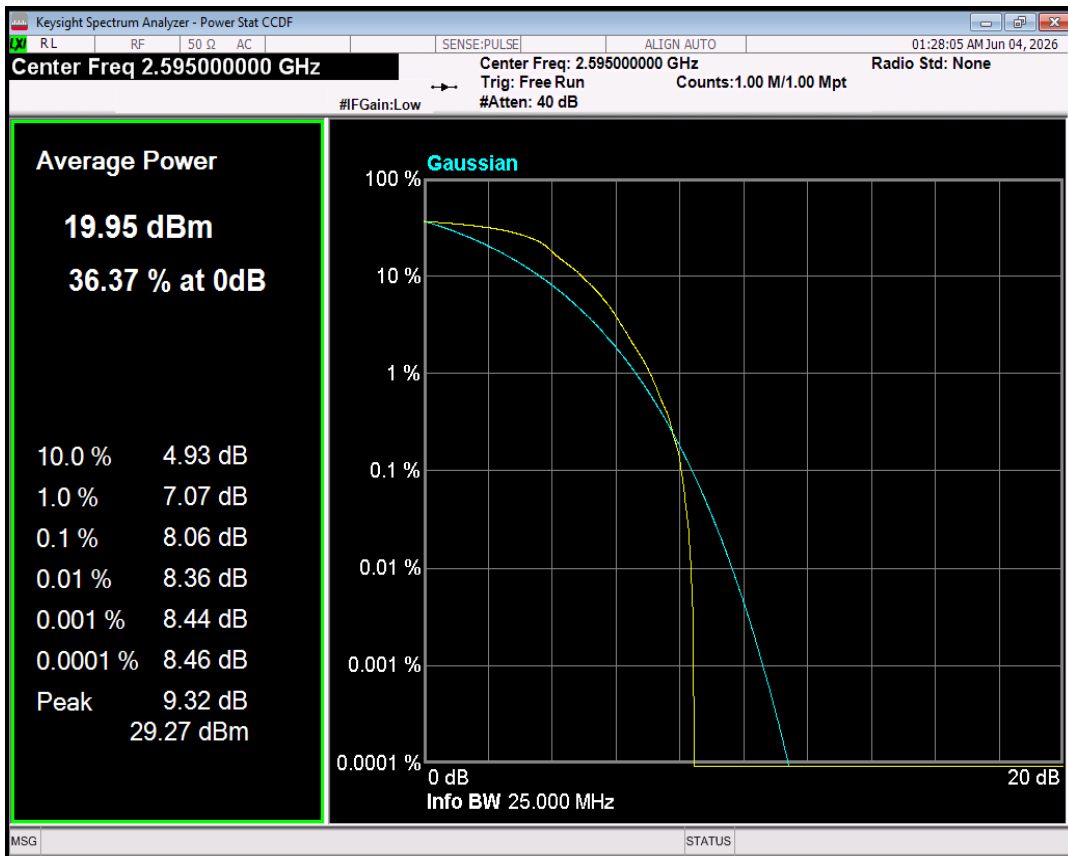
Band4 QPSK BW=20MHz Channel=20175 RB Size=1 Position=#0



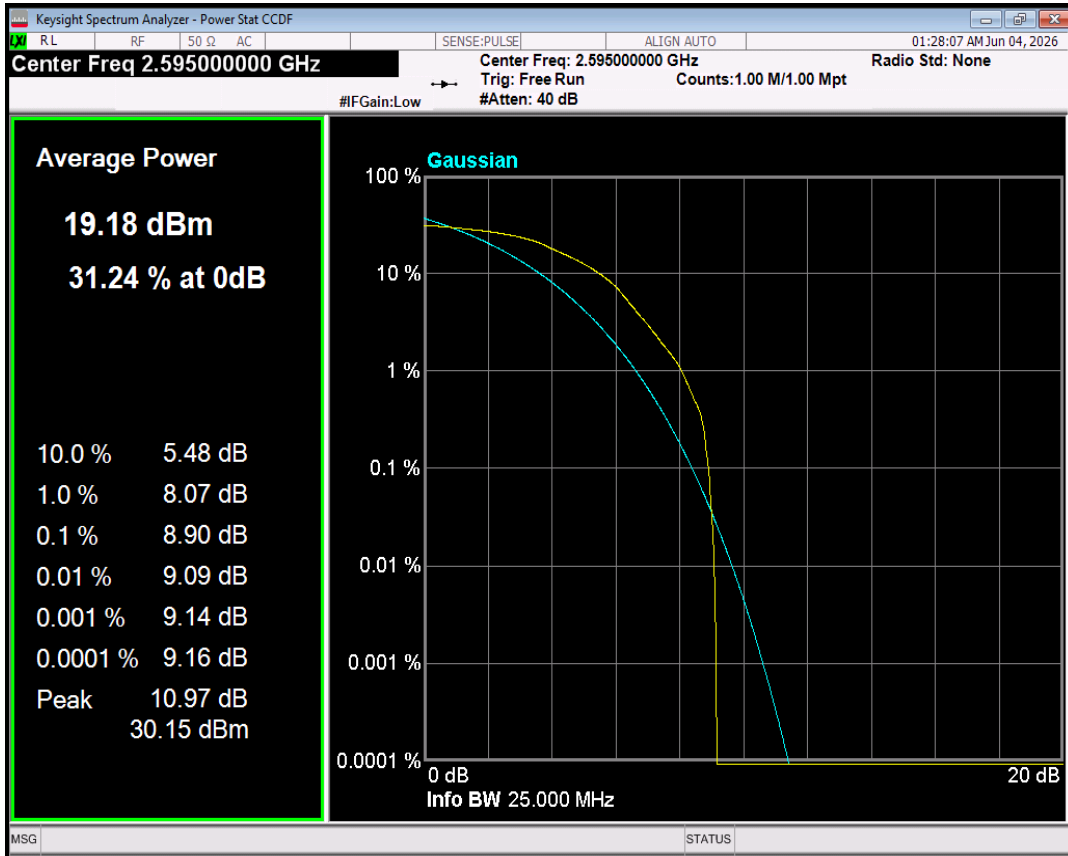
Band4 16QAM BW=20MHz Channel=20175 RB Size=1 Position=#0



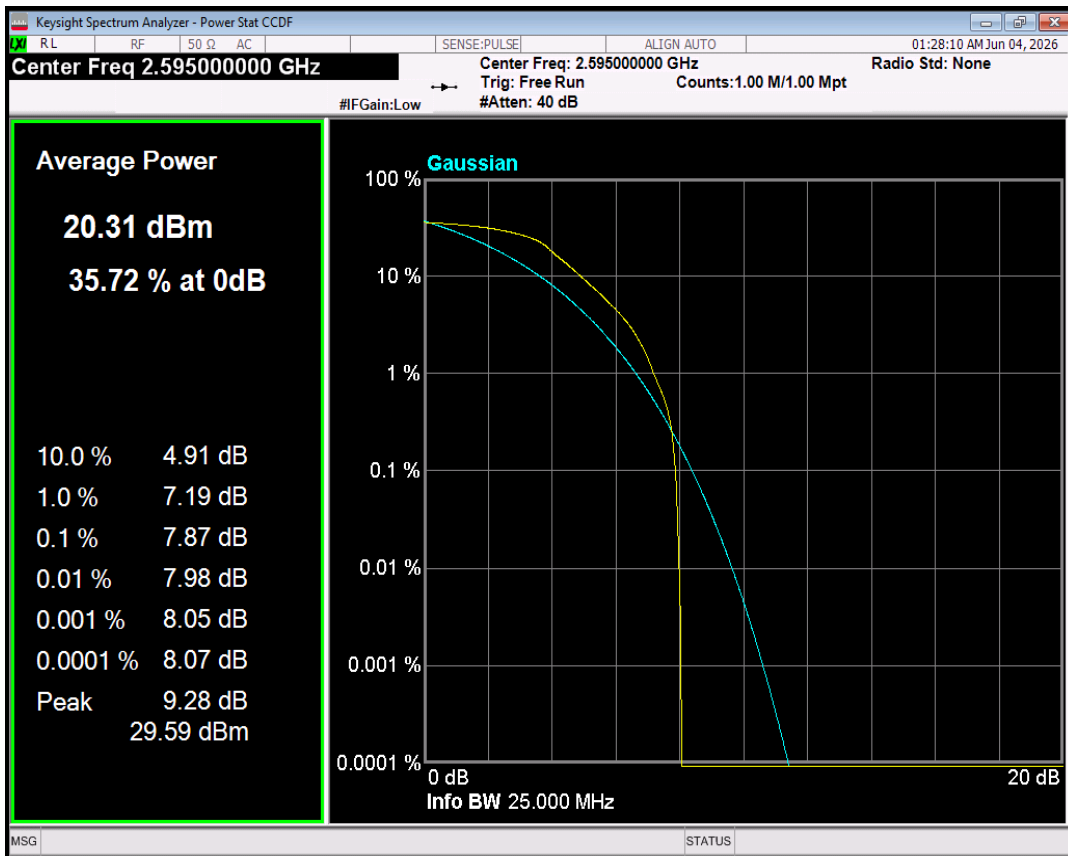
Band41(2535-2655) QPSK BW=5MHz Channel=40640 RB Size=1 Position=#0



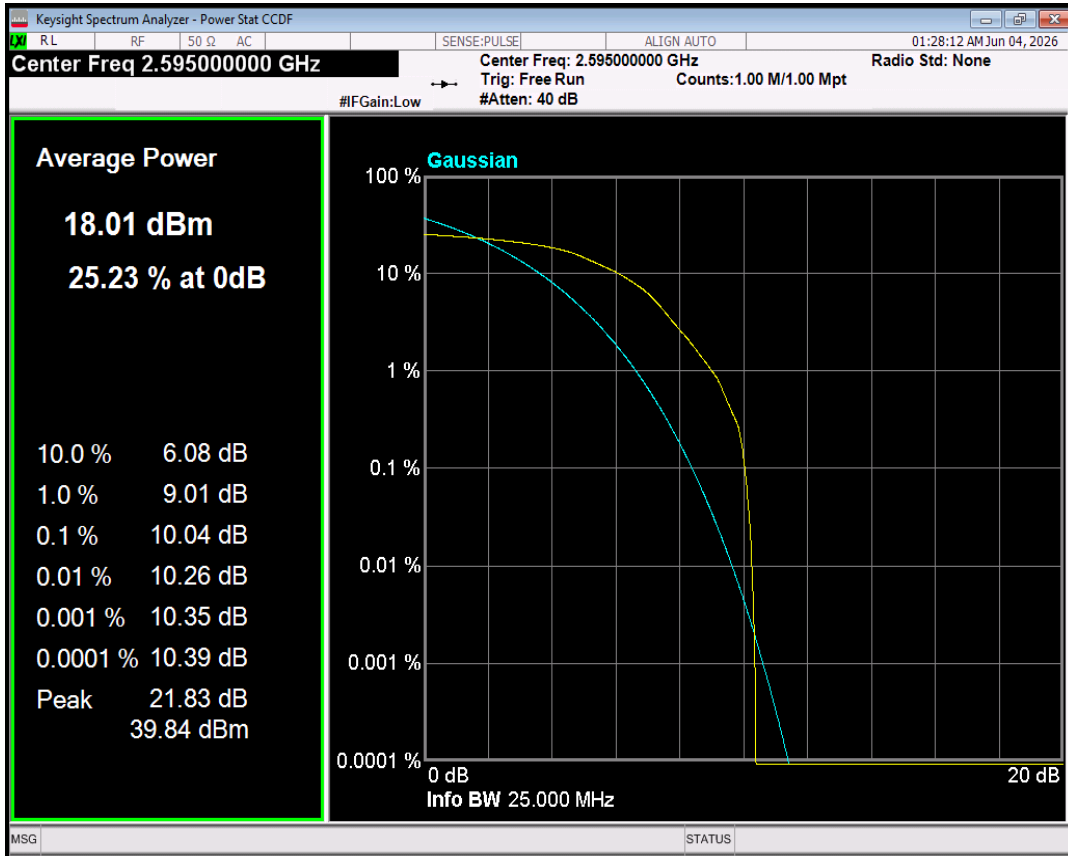
Band41(2535-2655) 16QAM BW=5MHz Channel=40640 RB Size=1 Position=#0



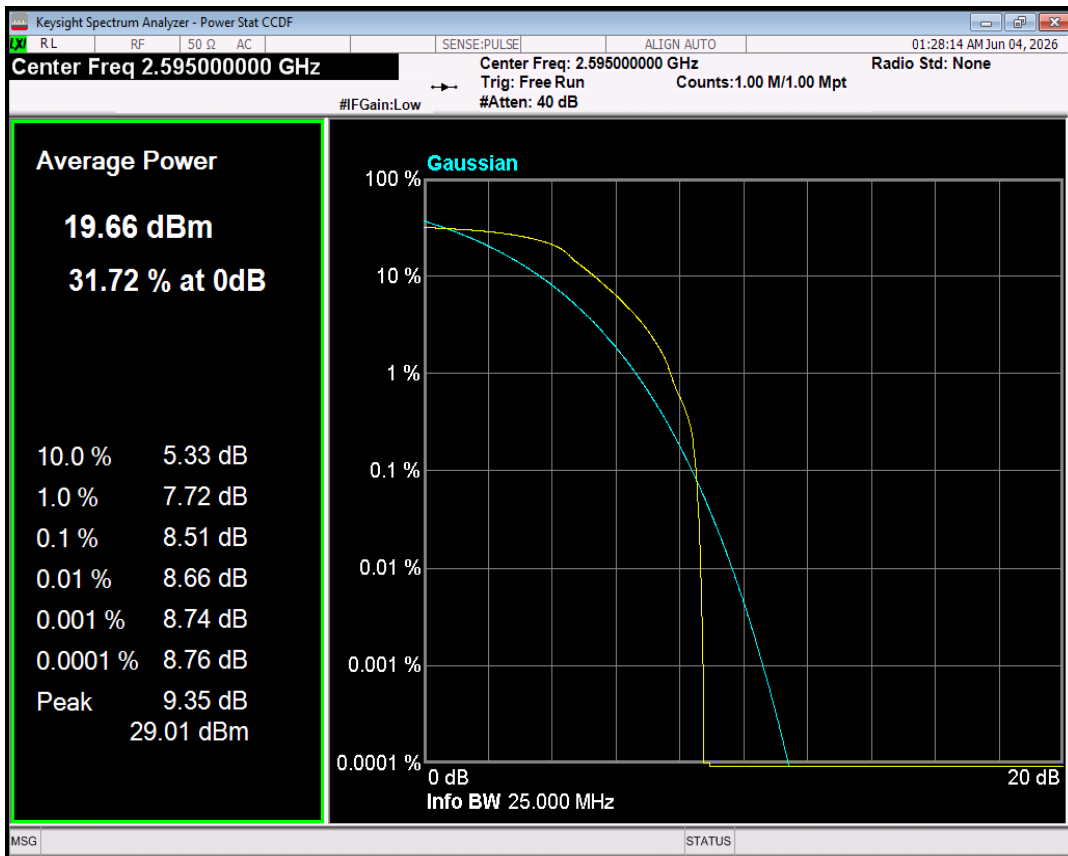
Band41(2535-2655) QPSK BW=10MHz Channel=40640 RB Size=1 Position=#0



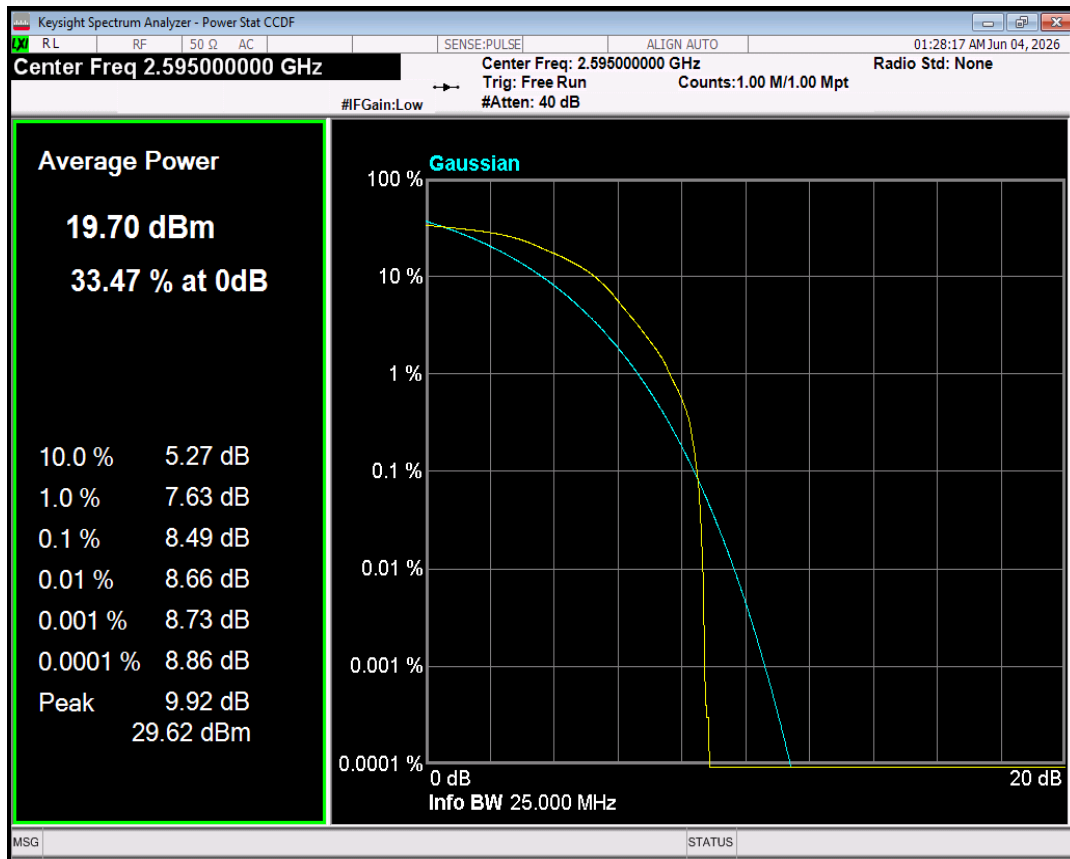
Band41(2535-2655) 16QAM BW=10MHz Channel=40640 RB Size=1 Position=#0



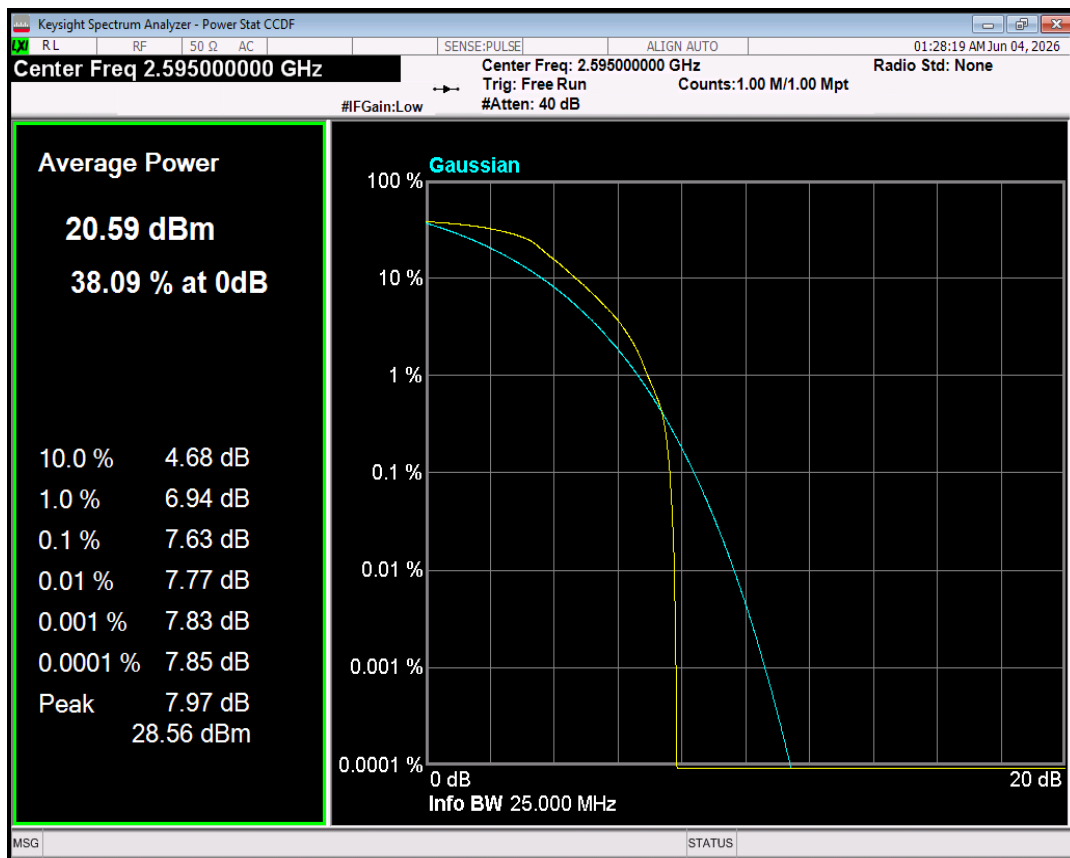
Band41(2535-2655) QPSK BW=15MHz Channel=40640 RB Size=1 Position=#0



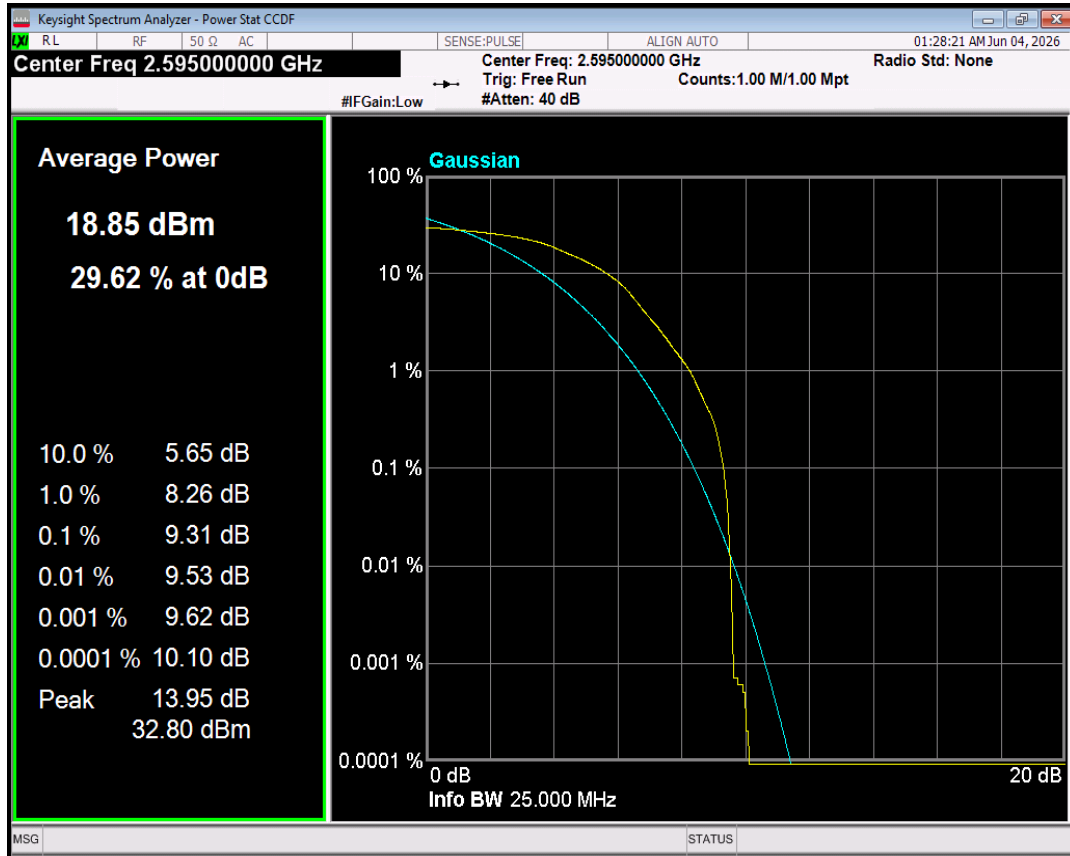
Band41(2535-2655) 16QAM BW=15MHz Channel=40640 RB Size=1 Position=#0



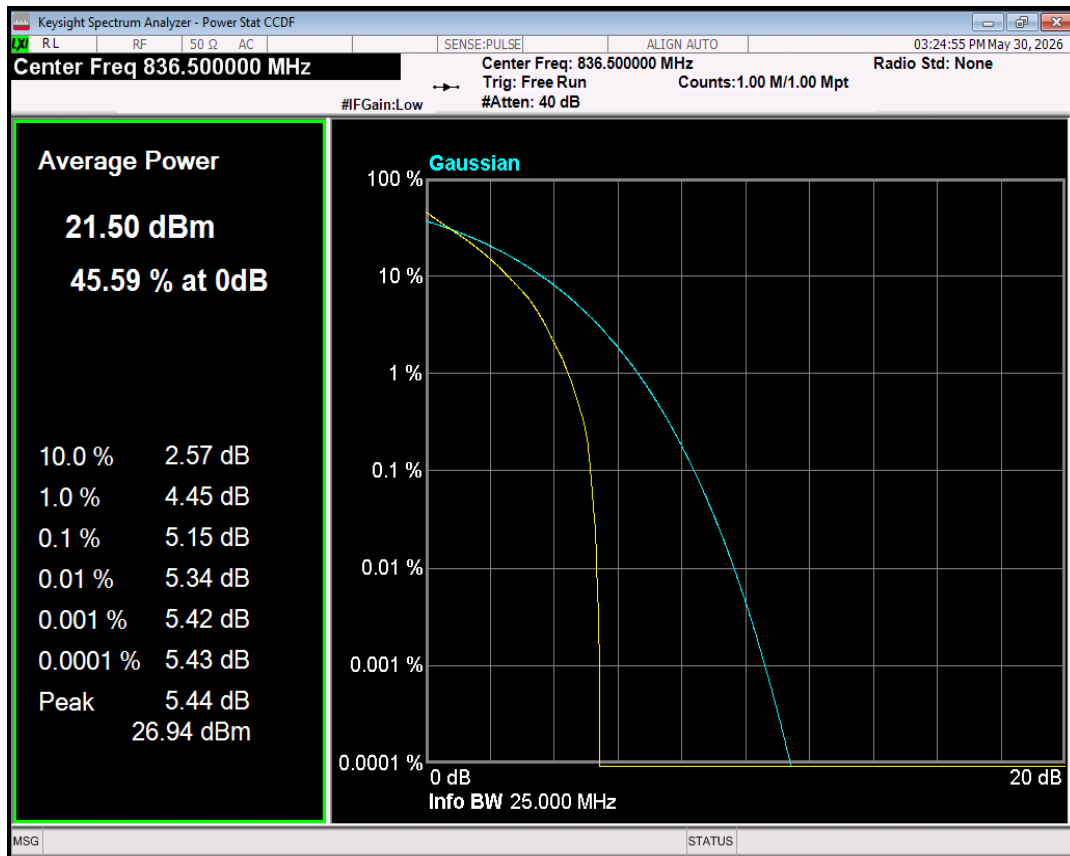
Band41(2535-2655) QPSK BW=20MHz Channel=40640 RB Size=1 Position=#0



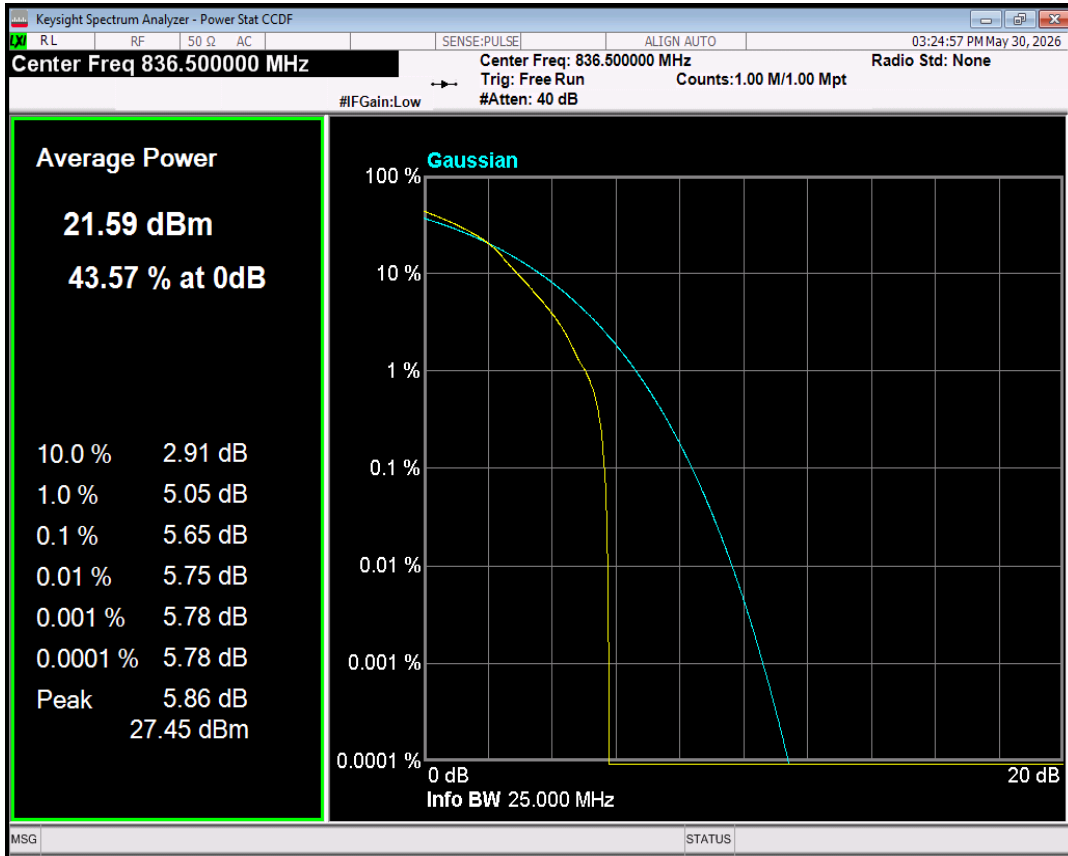
Band41(2535-2655) 16QAM BW=20MHz Channel=40640 RB Size=1 Position=#0



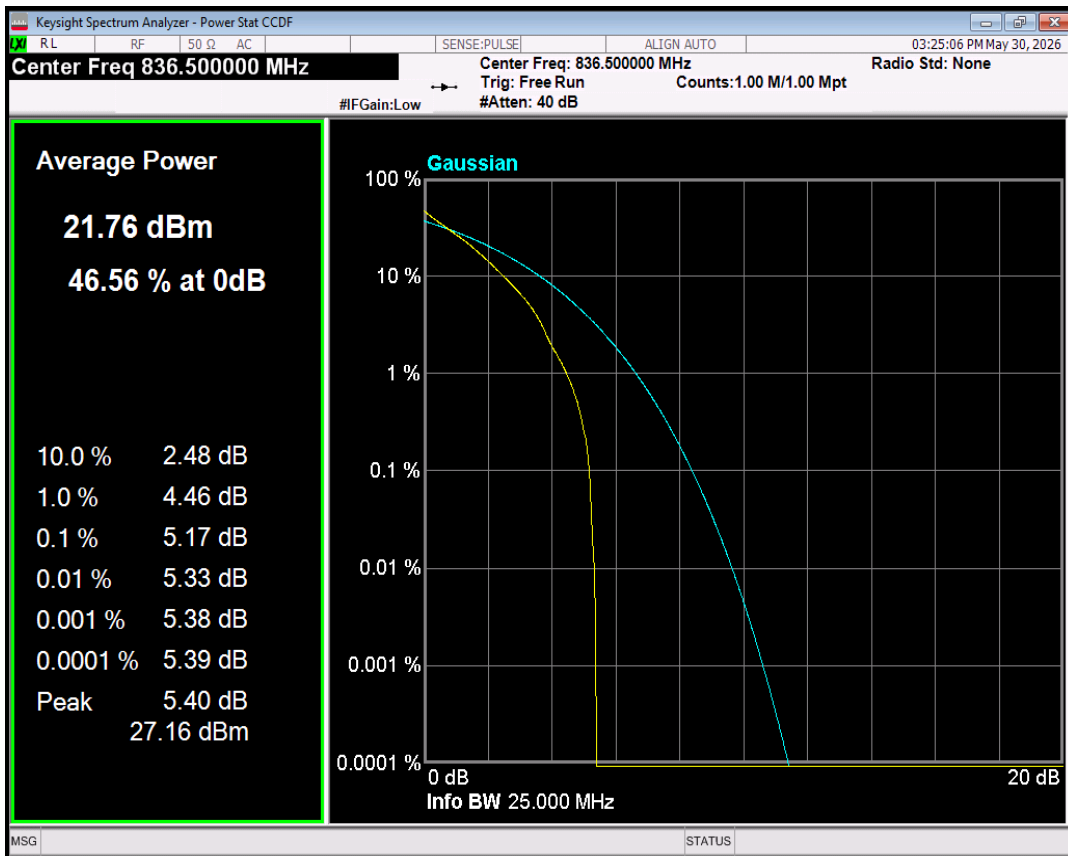
Band5 QPSK BW=1.4MHz Channel=20525 RB Size=1 Position=#0



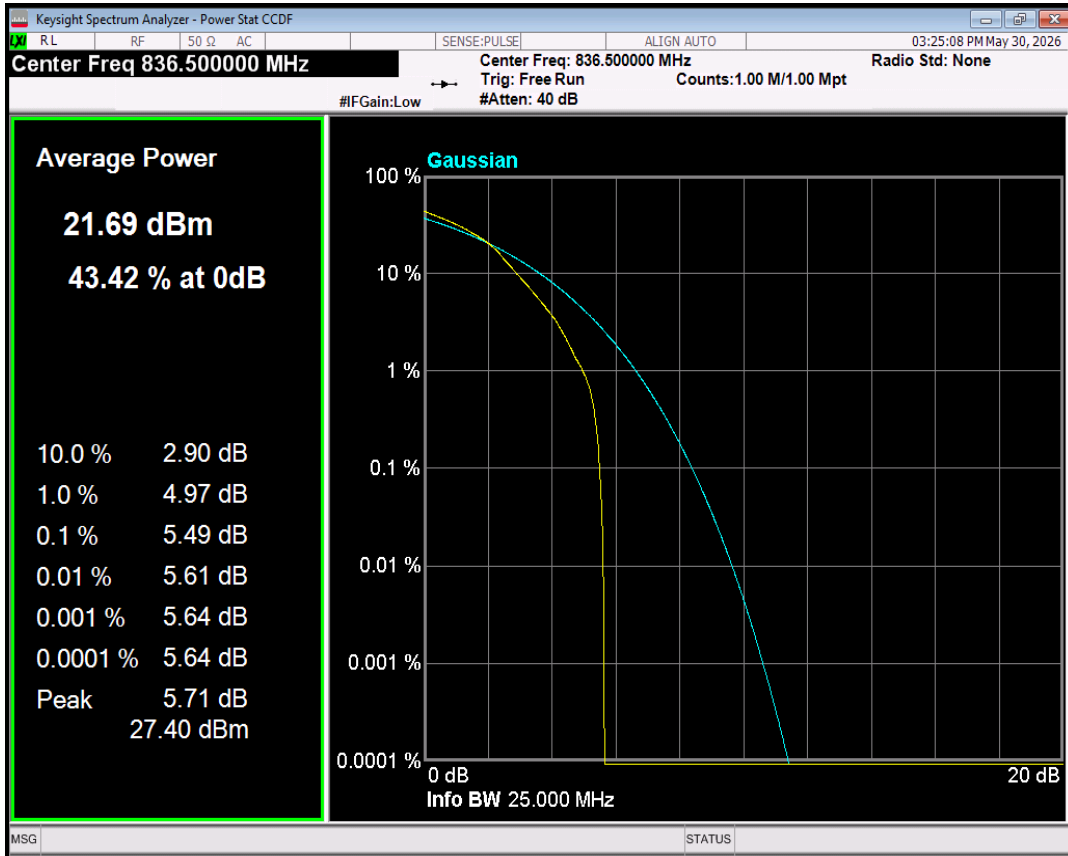
Band5 16QAM BW=1.4MHz Channel=20525 RB Size=1 Position=#0



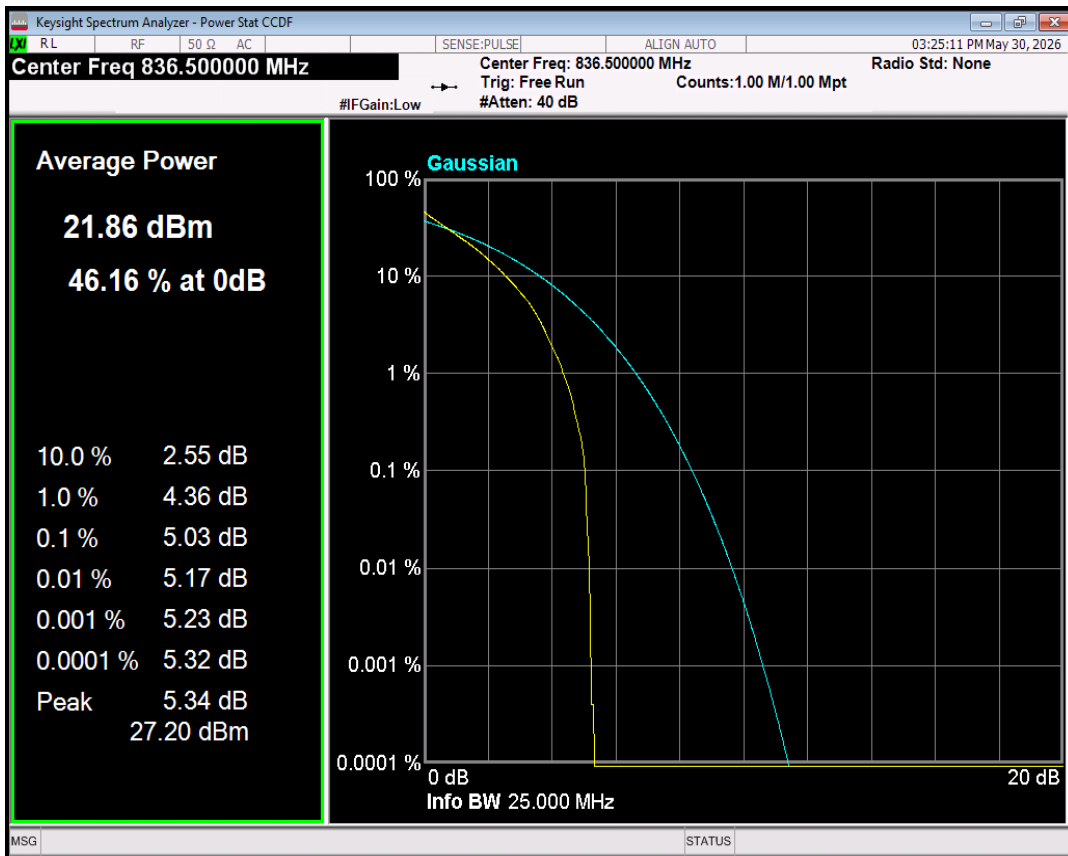
Band5 QPSK BW=3MHz Channel=20525 RB Size=1 Position=#0



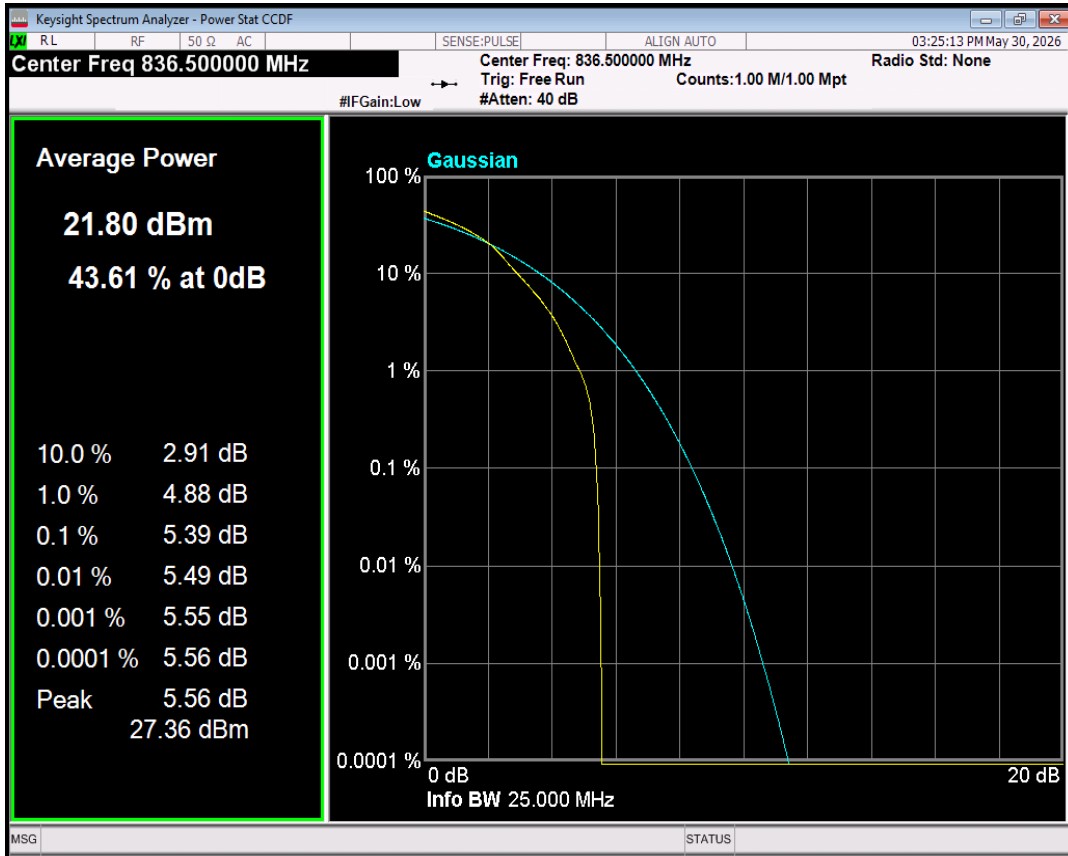
Band5 16QAM BW=3MHz Channel=20525 RB Size=1 Position=#0



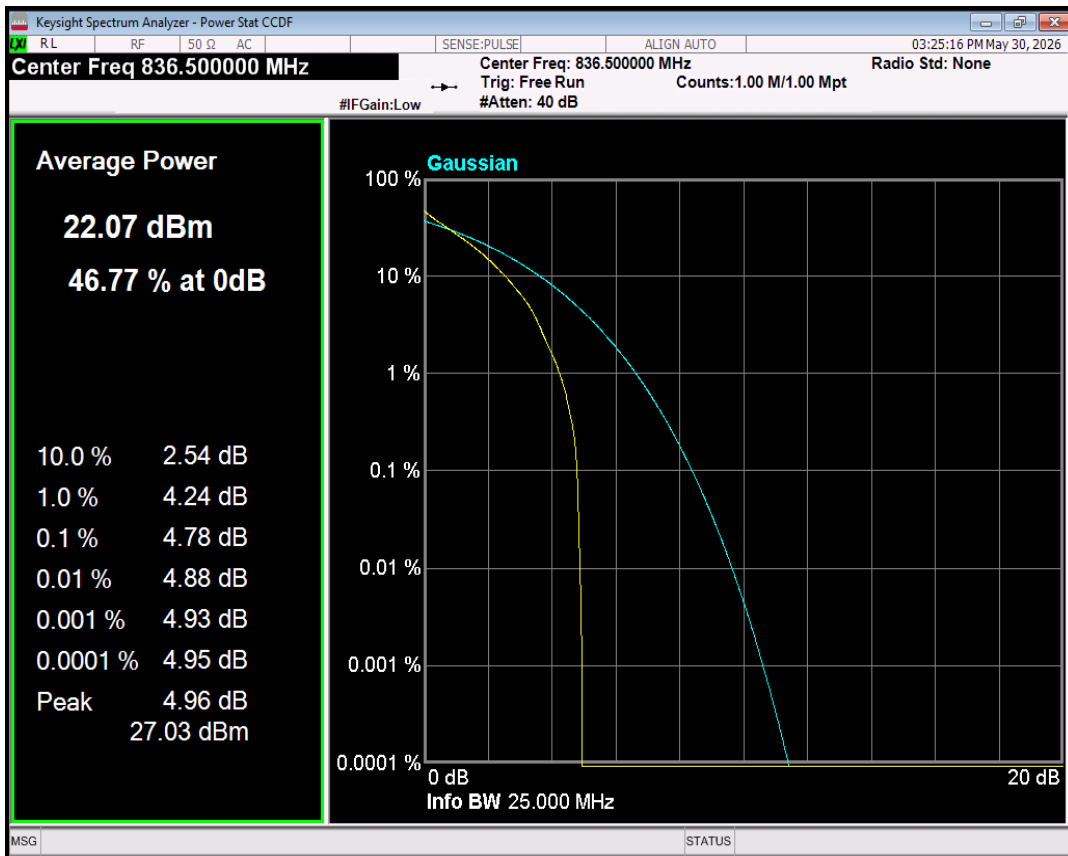
Band5 QPSK BW=5MHz Channel=20525 RB Size=1 Position=#0



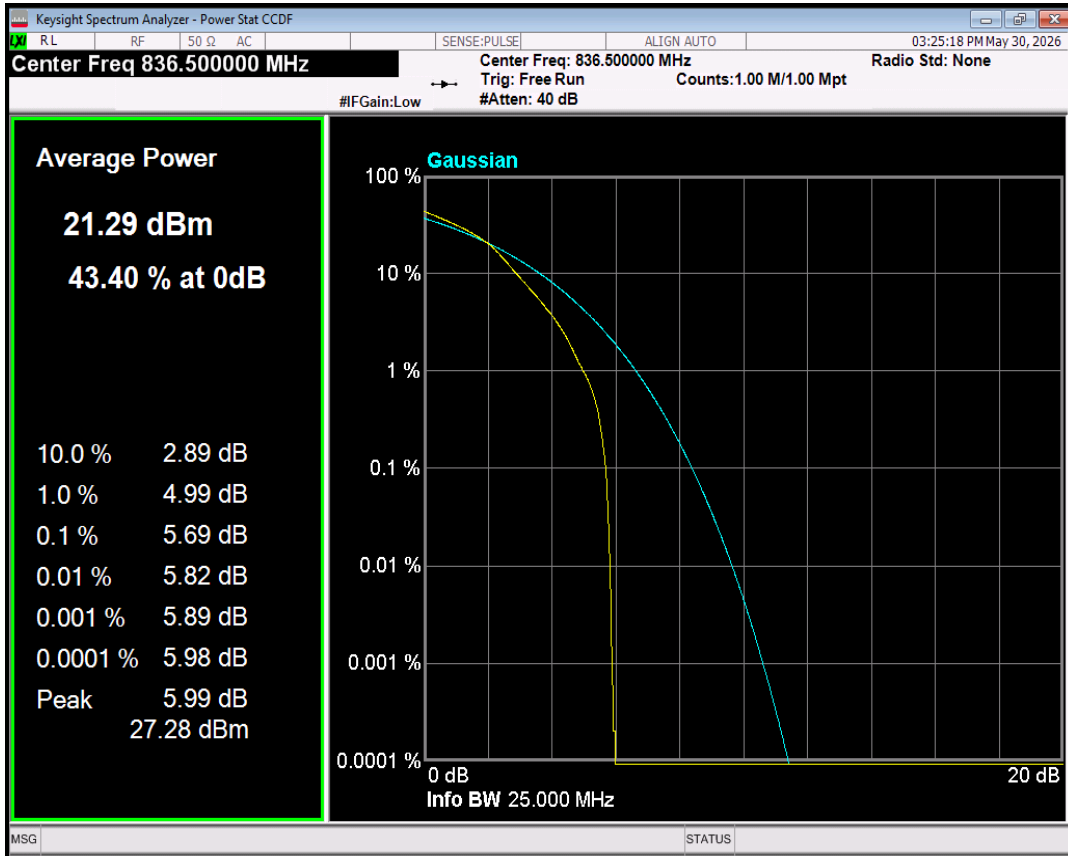
Band5 16QAM BW=5MHz Channel=20525 RB Size=1 Position=#0



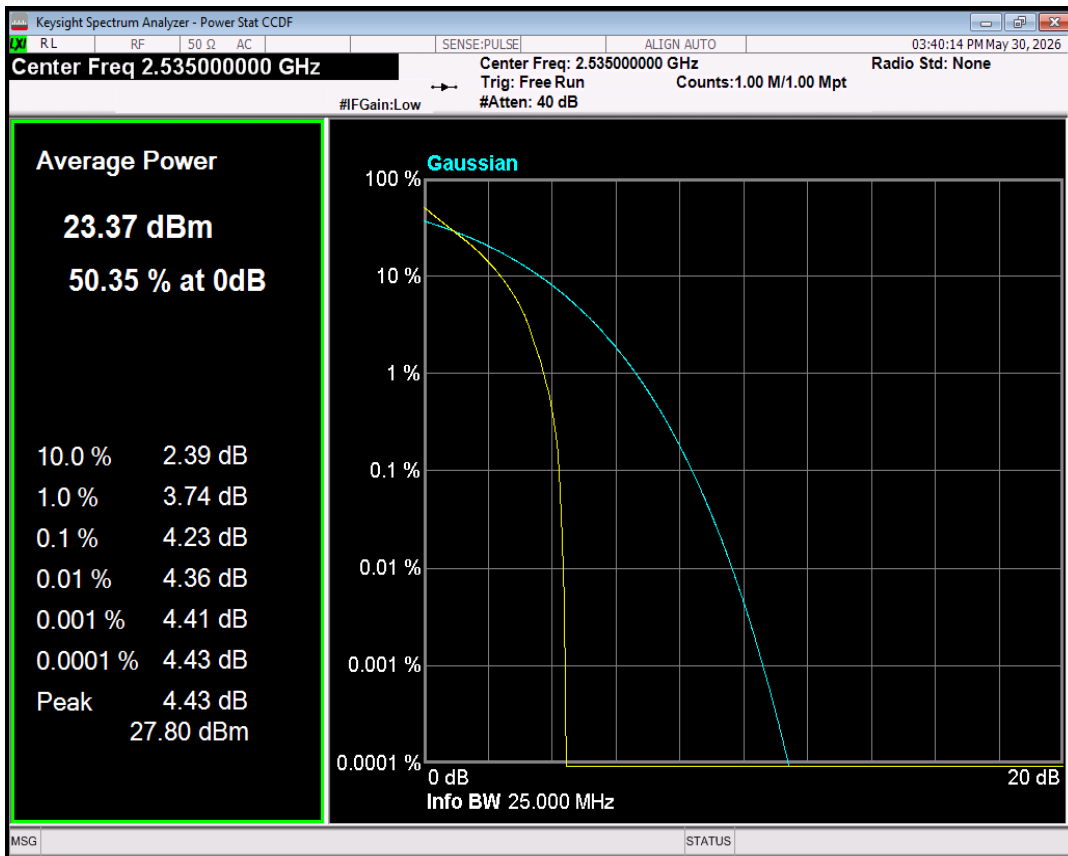
Band5 QPSK BW=10MHz Channel=20525 RB Size=1 Position=#0



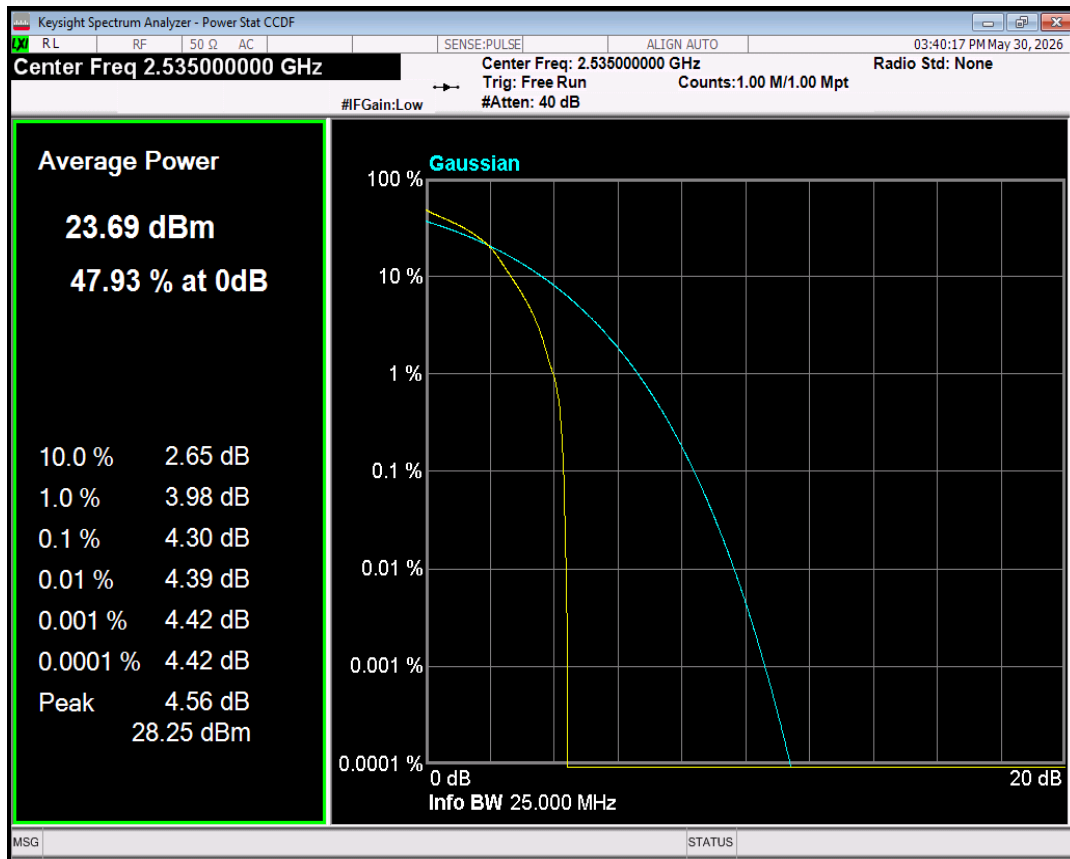
Band5 16QAM BW=10MHz Channel=20525 RB Size=1 Position=#0



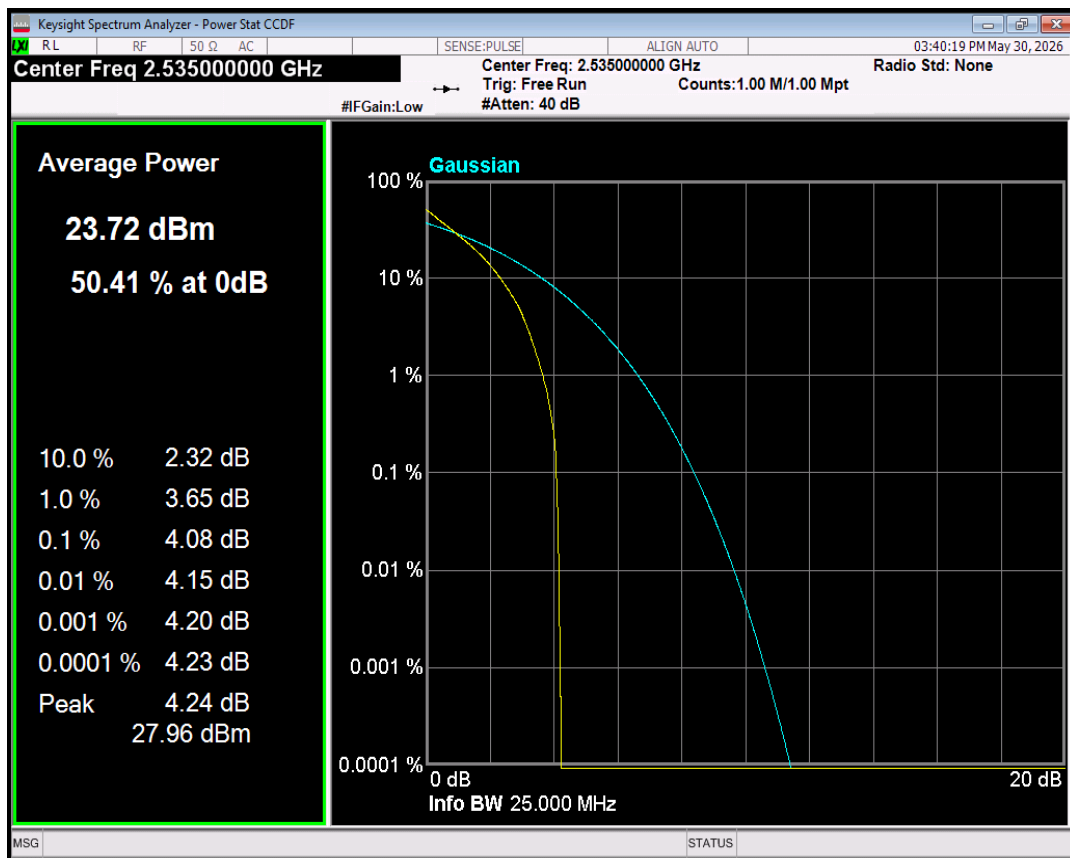
Band7 QPSK BW=5MHz Channel=21100 RB Size=1 Position=#0



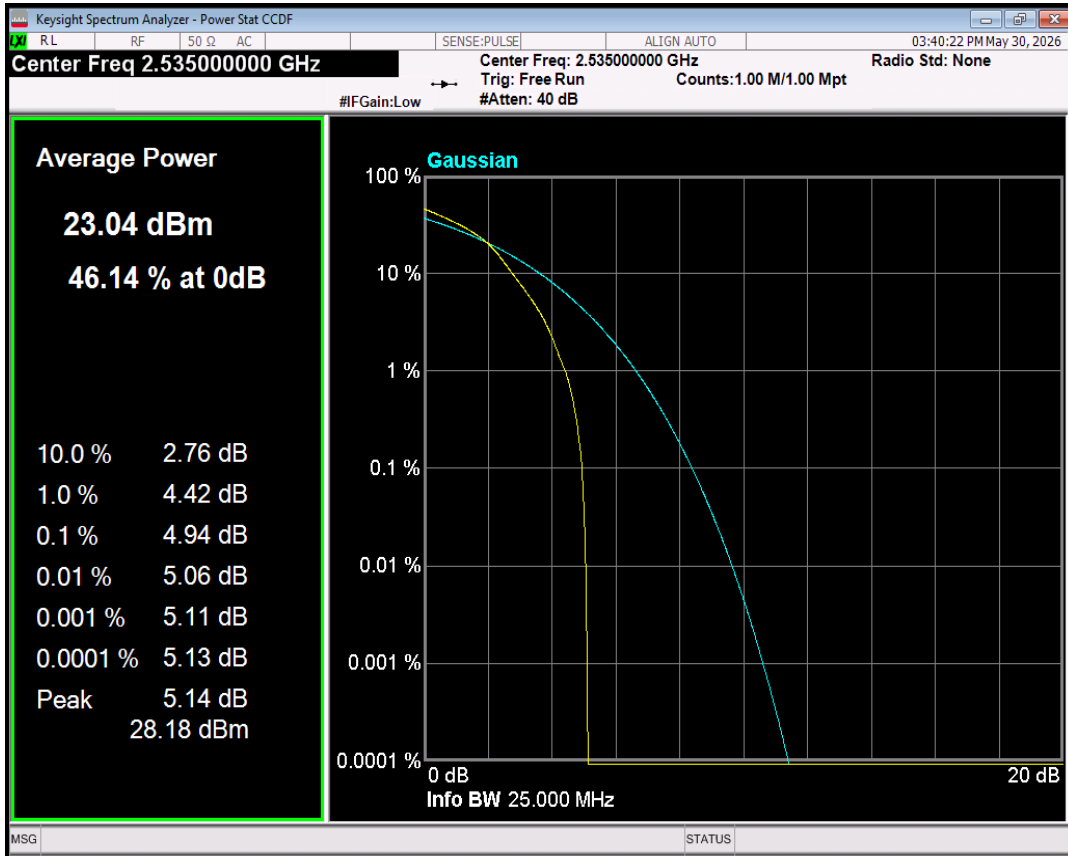
Band7 16QAM BW=5MHz Channel=21100 RB Size=1 Position=#0



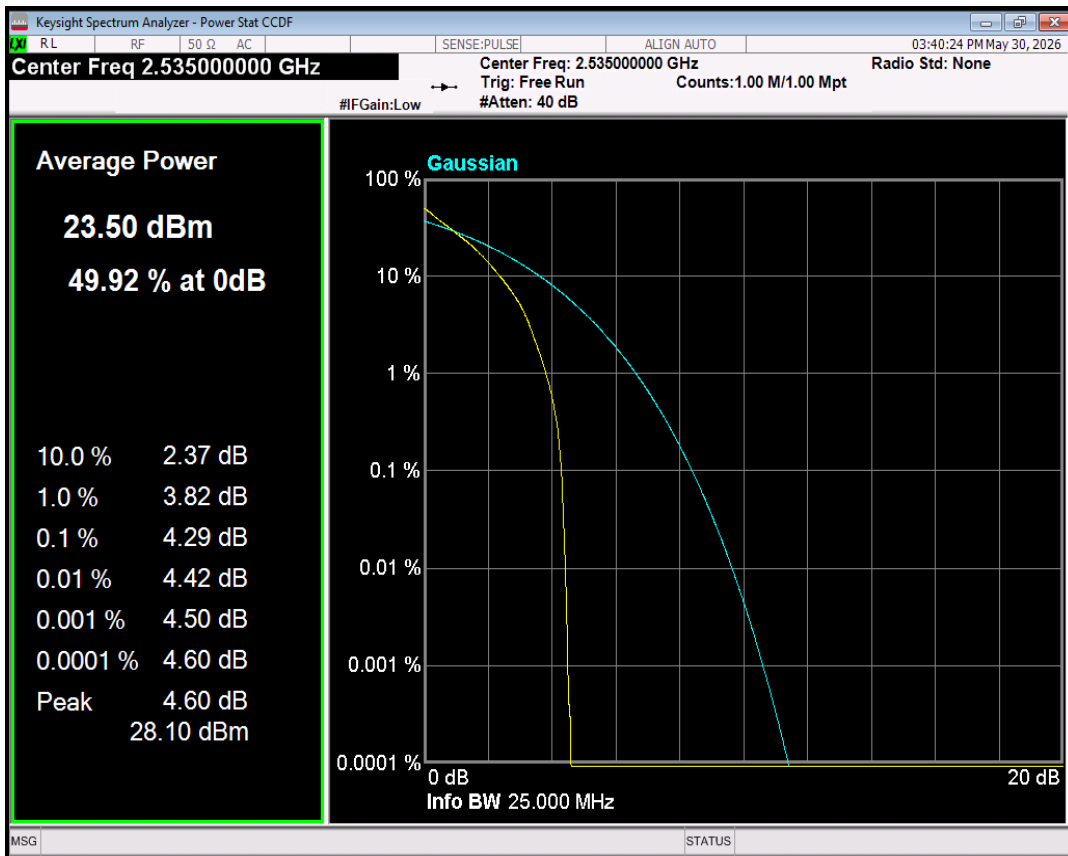
Band7 QPSK BW=10MHz Channel=21100 RB Size=1 Position=#0



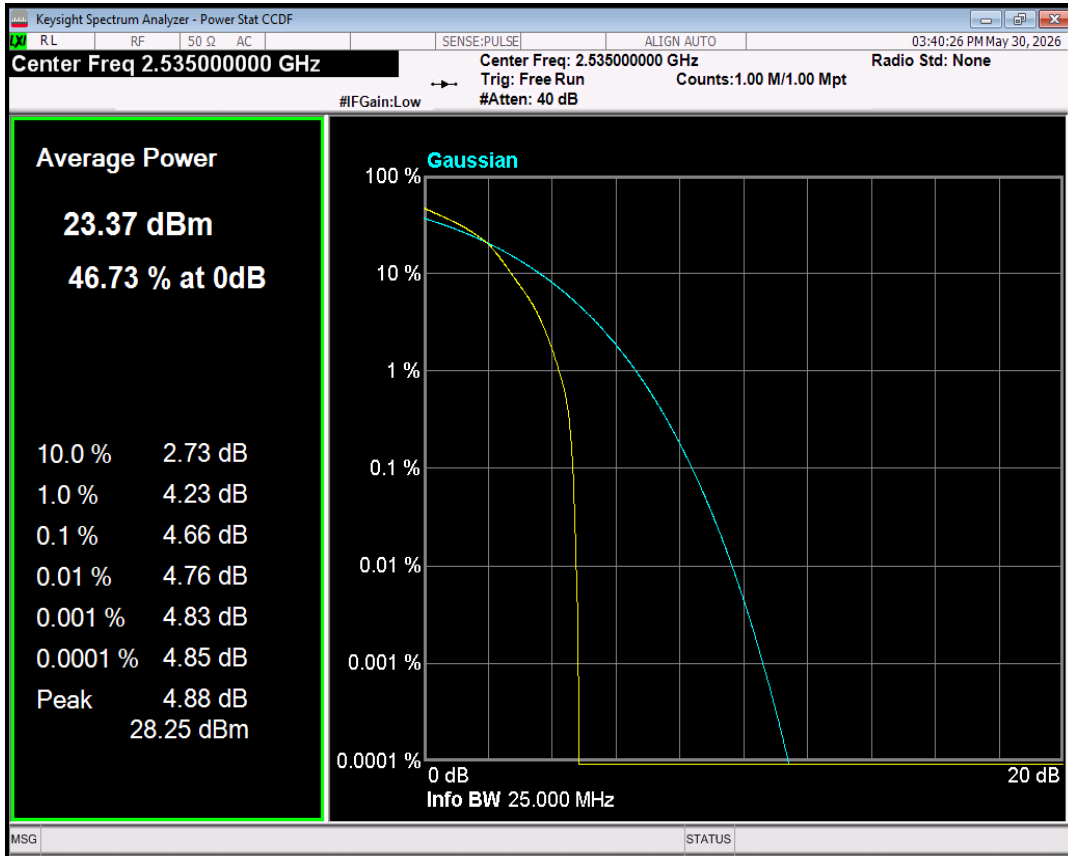
Band7 16QAM BW=10MHz Channel=21100 RB Size=1 Position=#0



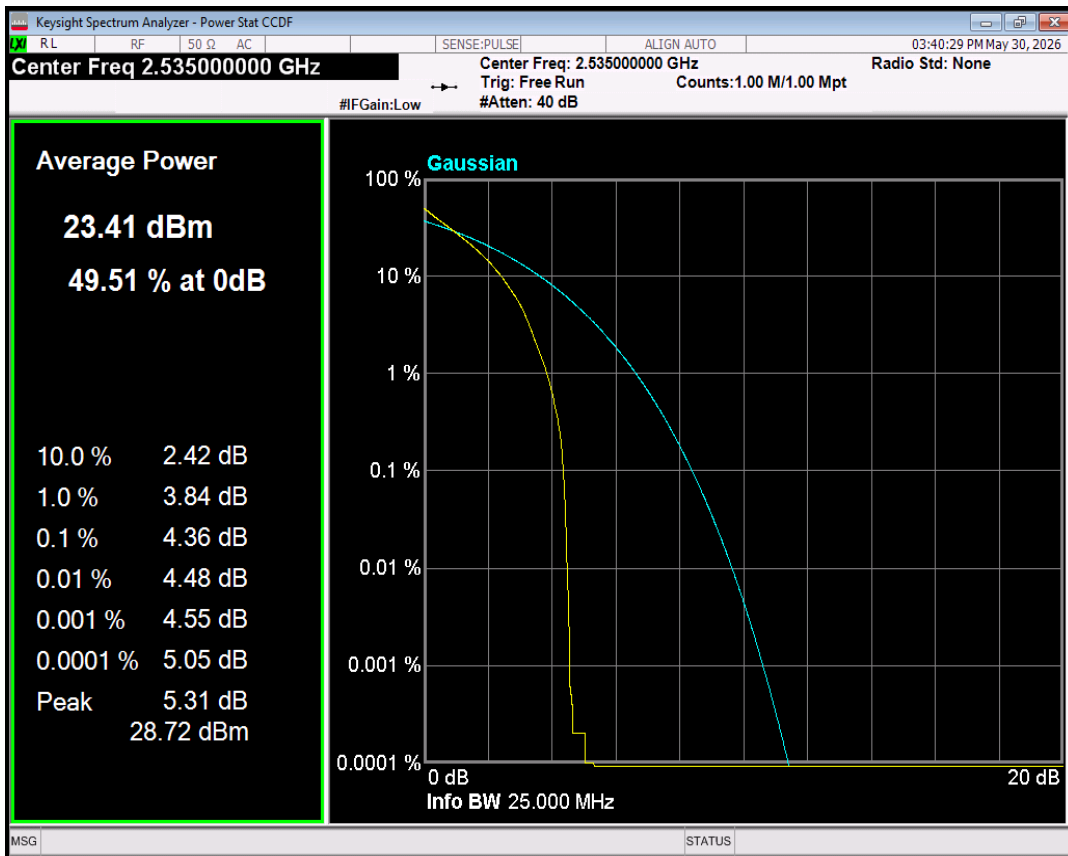
Band7 QPSK BW=15MHz Channel=21100 RB Size=1 Position=#0



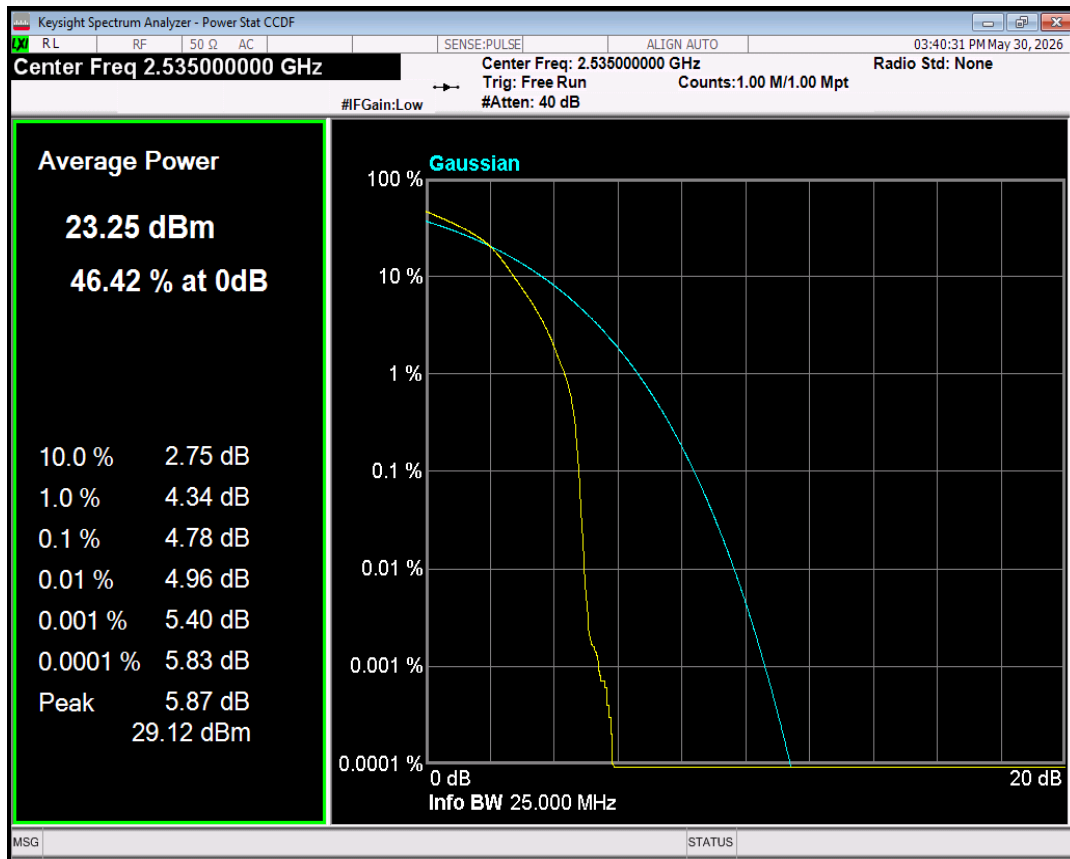
Band7 16QAM BW=15MHz Channel=21100 RB Size=1 Position=#0



Band7 QPSK BW=20MHz Channel=21100 RB Size=1 Position=#0



Band7 16QAM BW=20MHz Channel=21100 RB Size=1 Position=#0

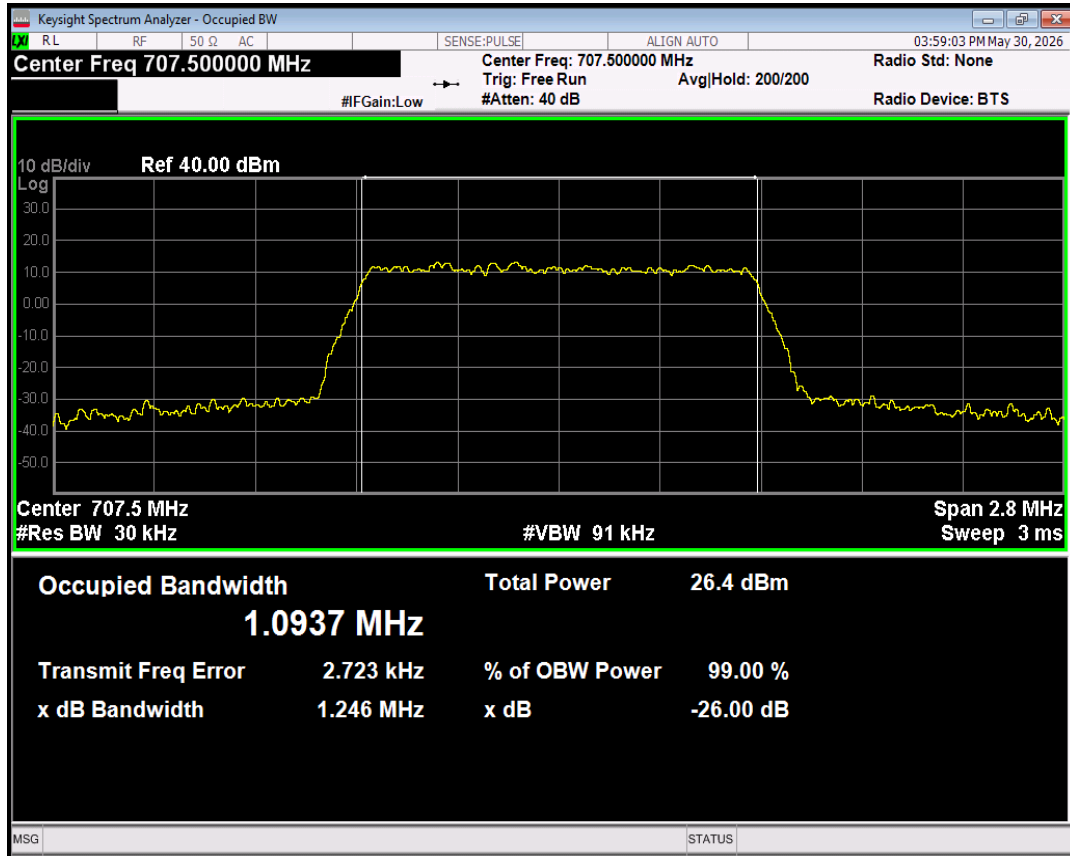


04 Occupied bandwidth

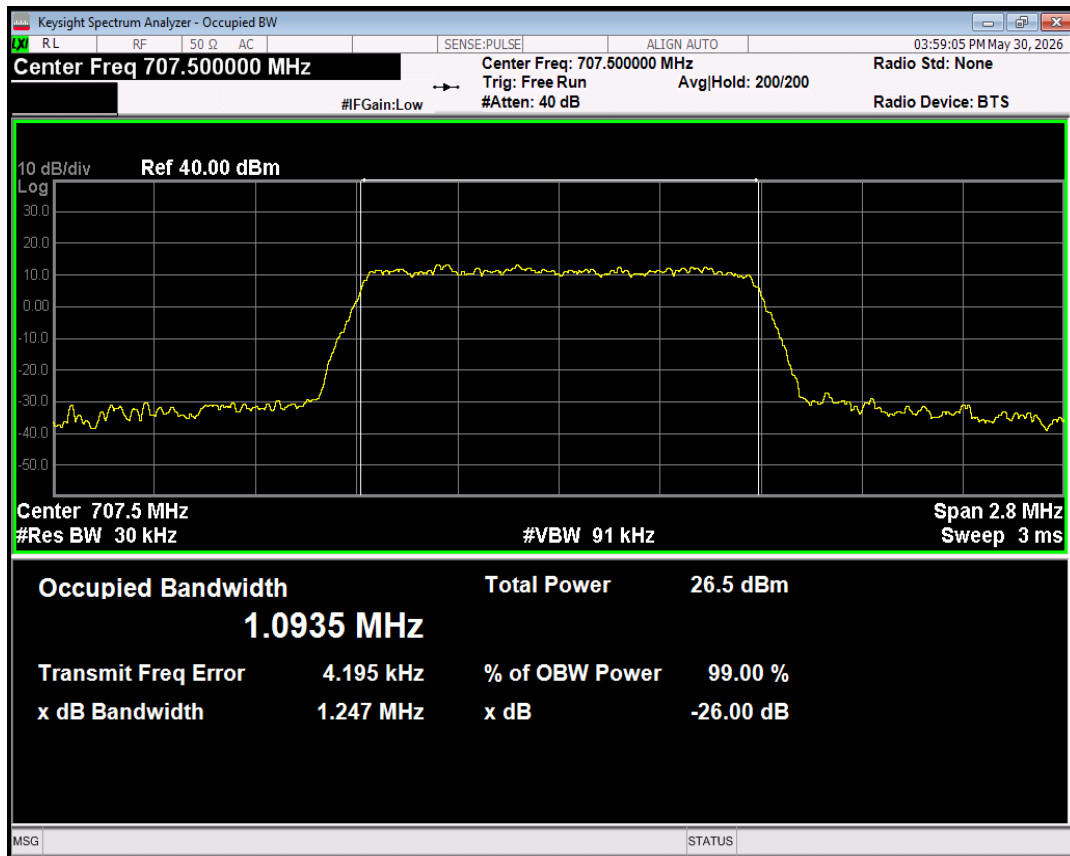
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
Band12	1.4	23095	6	#0	QPSK	1.094	1.246	PASS
Band12	1.4	23095	6	#0	16QAM	1.093	1.247	PASS
Band12	3	23095	15	#0	QPSK	2.706	3.049	PASS
Band12	3	23095	15	#0	16QAM	2.713	3.017	PASS
Band12	5	23095	25	#0	QPSK	4.494	4.951	PASS
Band12	5	23095	25	#0	16QAM	4.500	4.930	PASS
Band12	10	23095	50	#0	QPSK	8.995	9.777	PASS
Band12	10	23095	50	#0	16QAM	8.975	9.862	PASS
Band17	5	23790	25	#0	QPSK	4.495	4.951	PASS
Band17	5	23790	25	#0	16QAM	4.505	4.970	PASS
Band17	10	23790	50	#0	QPSK	8.998	9.882	PASS
Band17	10	23790	50	#0	16QAM	8.981	9.890	PASS
Band2	1.4	18900	6	#0	QPSK	1.097	1.251	PASS
Band2	1.4	18900	6	#0	16QAM	1.099	1.245	PASS
Band2	3	18900	15	#0	QPSK	2.721	3.050	PASS
Band2	3	18900	15	#0	16QAM	2.711	3.040	PASS
Band2	5	18900	25	#0	QPSK	4.491	4.948	PASS
Band2	5	18900	25	#0	16QAM	4.500	4.904	PASS
Band2	10	18900	50	#0	QPSK	9.007	9.819	PASS
Band2	10	18900	50	#0	16QAM	8.984	9.818	PASS

Band2	15	18900	75	#0	QPSK	13.461	14.757	PASS
Band2	15	18900	75	#0	16QAM	13.495	14.775	PASS
Band2	20	18900	100	#0	QPSK	17.947	19.548	PASS
Band2	20	18900	100	#0	16QAM	18.025	19.652	PASS
Band4	1.4	20175	6	#0	QPSK	1.095	1.253	PASS
Band4	1.4	20175	6	#0	16QAM	1.095	1.234	PASS
Band4	3	20175	15	#0	QPSK	2.704	3.021	PASS
Band4	3	20175	15	#0	16QAM	2.710	3.017	PASS
Band4	5	20175	25	#0	QPSK	4.508	4.955	PASS
Band4	5	20175	25	#0	16QAM	4.483	4.961	PASS
Band4	10	20175	50	#0	QPSK	8.983	9.652	PASS
Band4	10	20175	50	#0	16QAM	8.993	9.868	PASS
Band4	15	20175	75	#0	QPSK	13.428	14.690	PASS
Band4	15	20175	75	#0	16QAM	13.461	14.842	PASS
Band4	20	20175	100	#0	QPSK	17.902	19.602	PASS
Band4	20	20175	100	#0	16QAM	18.011	19.500	PASS
Band41(2535-2655)	5	40640	25	#0	QPSK	4.503	4.986	PASS
Band41(2535-2655)	5	40640	25	#0	16QAM	4.492	4.967	PASS
Band41(2535-2655)	10	40640	50	#0	QPSK	8.993	9.717	PASS
Band41(2535-2655)	10	40640	50	#0	16QAM	8.965	9.763	PASS
Band41(2535-2655)	15	40640	75	#0	QPSK	13.440	15.765	PASS
Band41(2535-2655)	15	40640	75	#0	16QAM	13.487	14.627	PASS
Band41(2535-2655)	20	40640	100	#0	QPSK	17.997	19.410	PASS
Band41(2535-2655)	20	40640	100	#0	16QAM	17.994	19.704	PASS
Band5	1.4	20525	6	#0	QPSK	1.097	1.246	PASS
Band5	1.4	20525	6	#0	16QAM	1.089	1.242	PASS
Band5	3	20525	15	#0	QPSK	2.710	3.031	PASS
Band5	3	20525	15	#0	16QAM	2.714	3.046	PASS
Band5	5	20525	25	#0	QPSK	4.493	4.948	PASS
Band5	5	20525	25	#0	16QAM	4.510	4.988	PASS
Band5	10	20525	50	#0	QPSK	9.011	9.815	PASS
Band5	10	20525	50	#0	16QAM	8.976	9.730	PASS
Band7	5	21100	25	#0	QPSK	4.498	4.928	PASS
Band7	5	21100	25	#0	16QAM	4.495	4.946	PASS
Band7	10	21100	50	#0	QPSK	9.030	9.753	PASS
Band7	10	21100	50	#0	16QAM	8.988	9.785	PASS
Band7	15	21100	75	#0	QPSK	13.489	14.836	PASS
Band7	15	21100	75	#0	16QAM	13.485	14.951	PASS
Band7	20	21100	100	#0	QPSK	17.178	18.244	PASS
Band7	20	21100	100	#0	16QAM	17.255	18.021	PASS

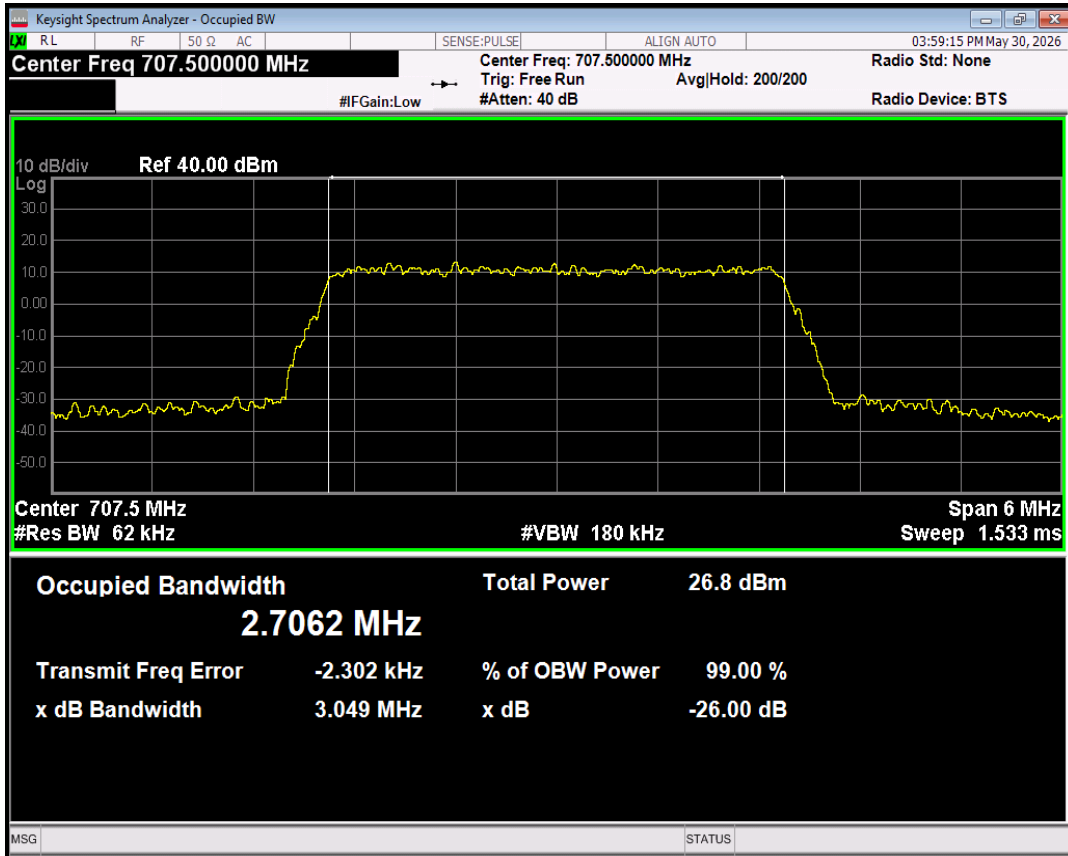
Band12 QPSK BW=1.4MHz Channel=23095 RB Size=6 Position=#0



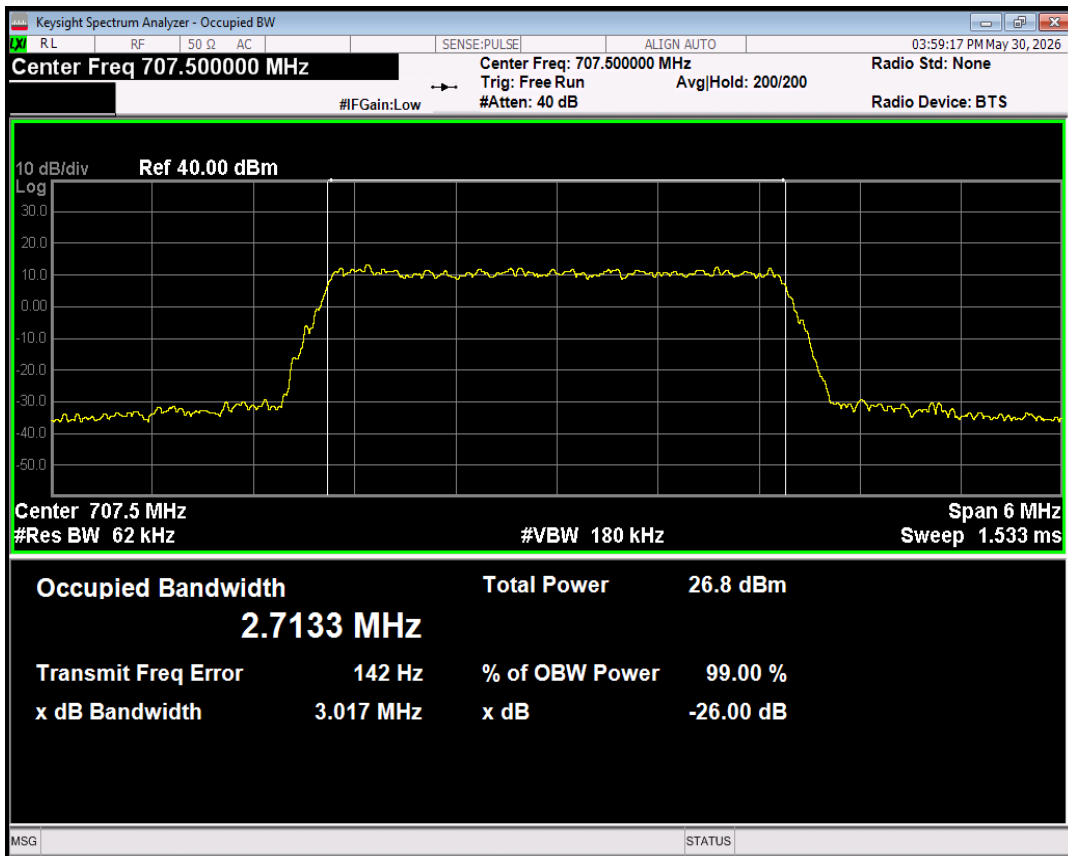
Band12 16QAM BW=1.4MHz Channel=23095 RB Size=6 Position=#0



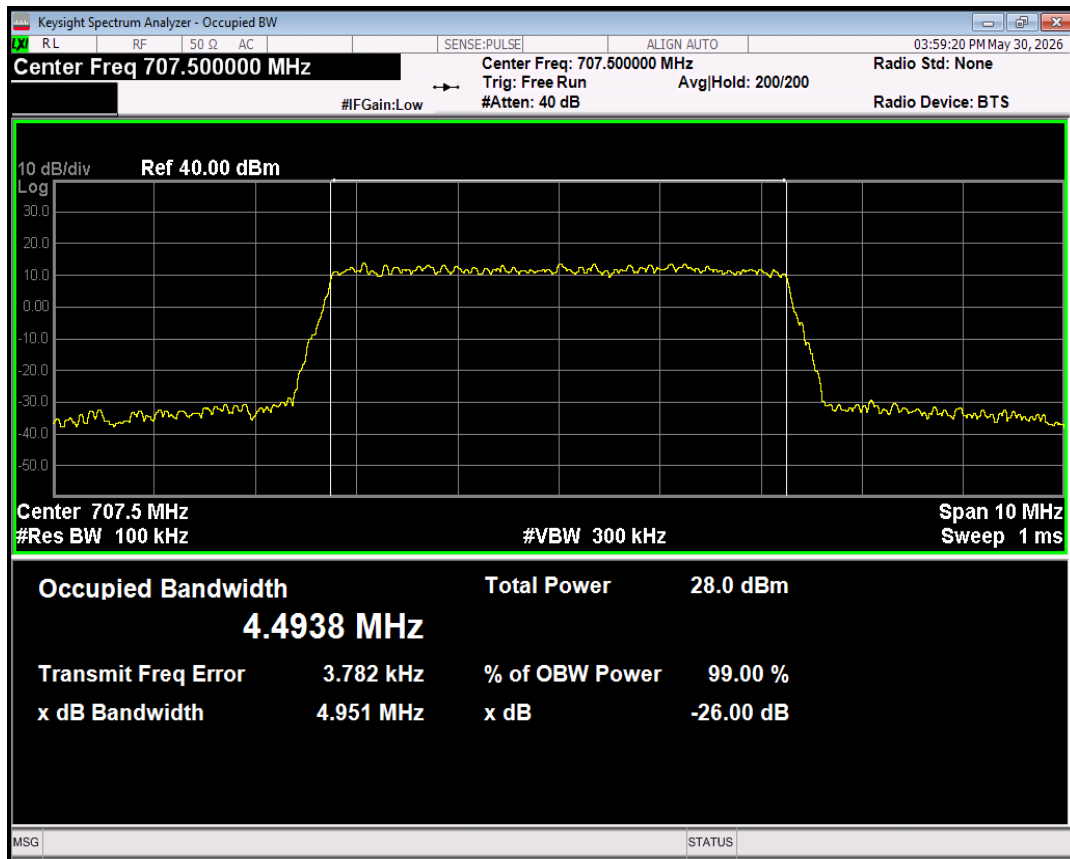
Band12 QPSK BW=3MHz Channel=23095 RB Size=15 Position=#0



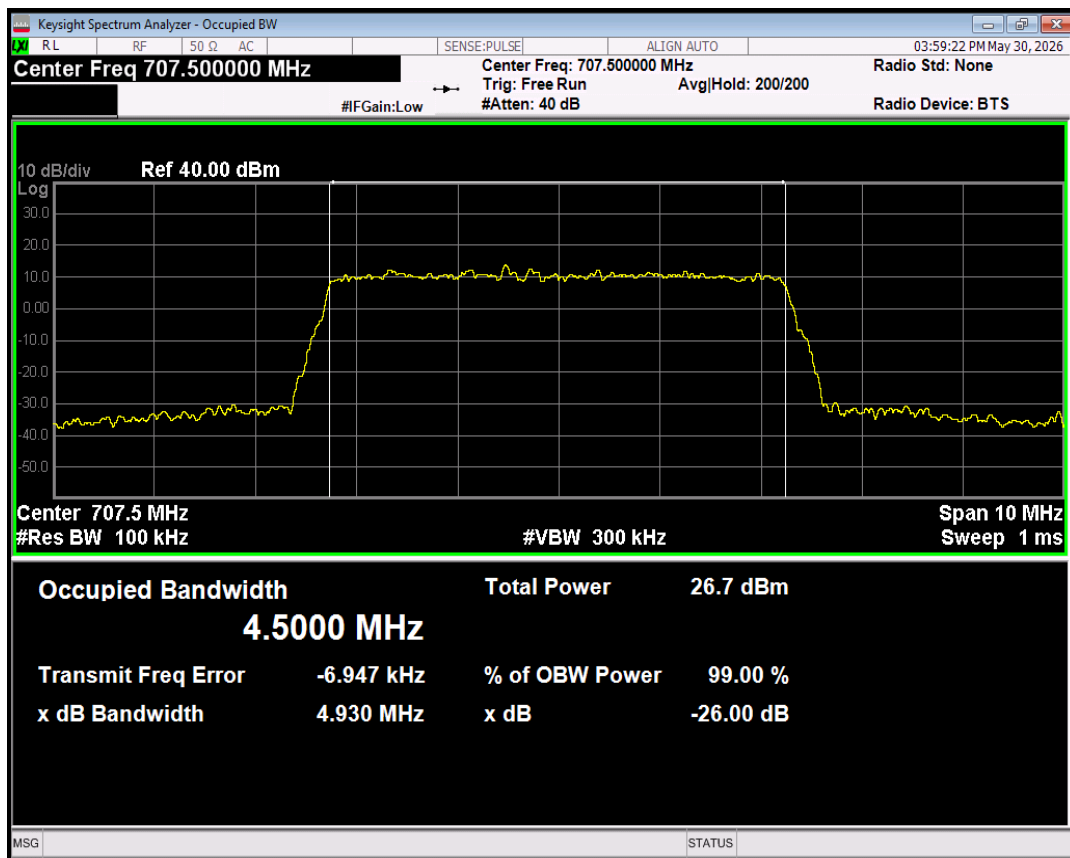
Band12 16QAM BW=3MHz Channel=23095 RB Size=15 Position=#0



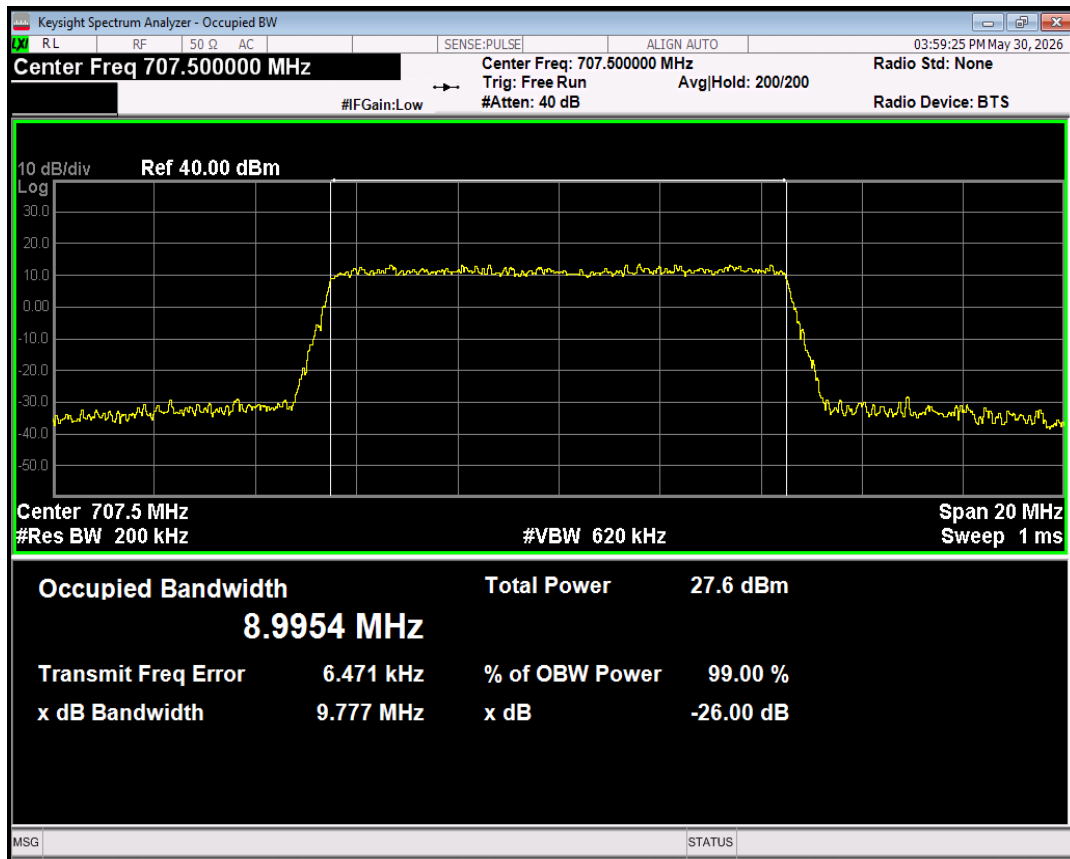
Band12 QPSK BW=5MHz Channel=23095 RB Size=25 Position=#0



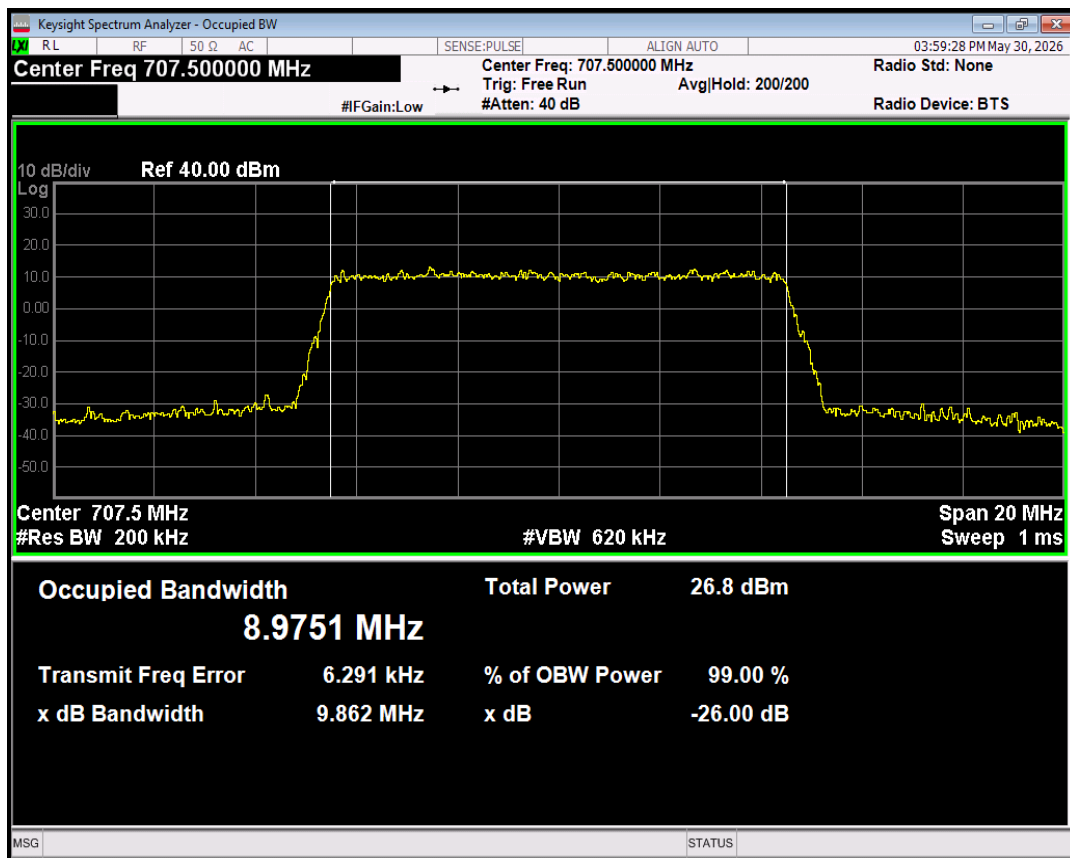
Band12 16QAM BW=5MHz Channel=23095 RB Size=25 Position=#0



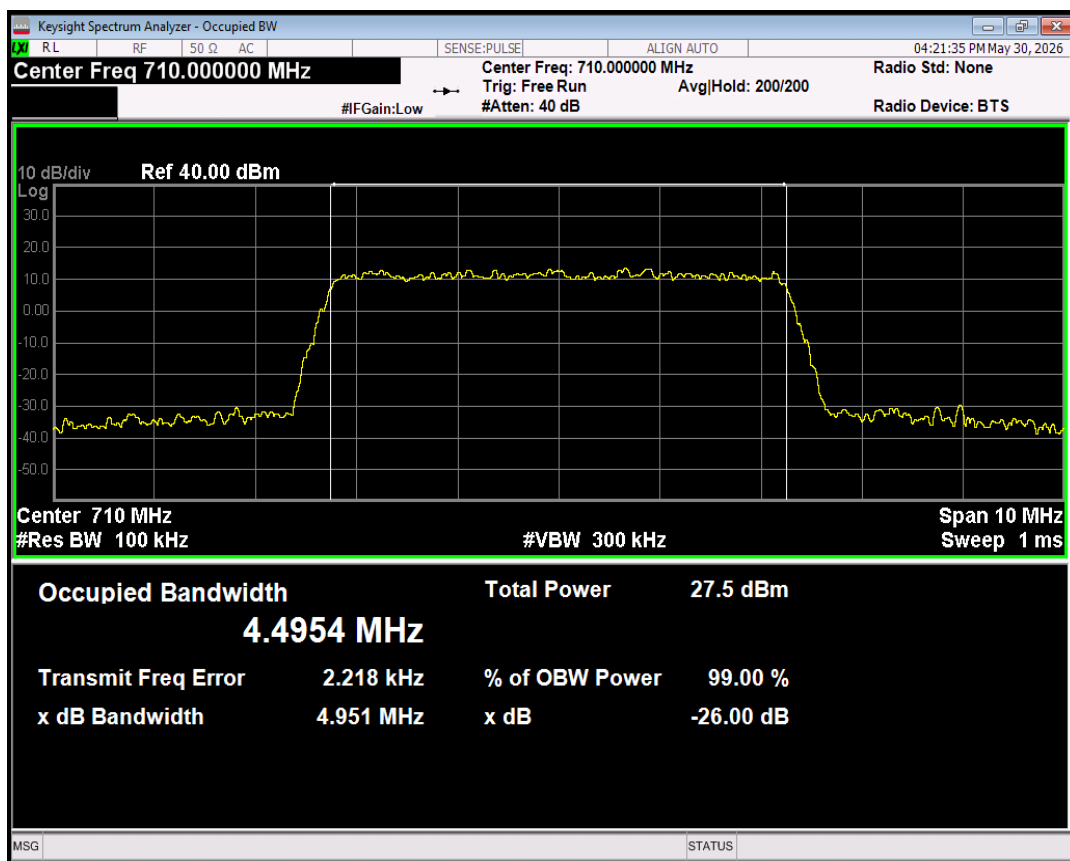
Band12 QPSK BW=10MHz Channel=23095 RB Size=50 Position=#0



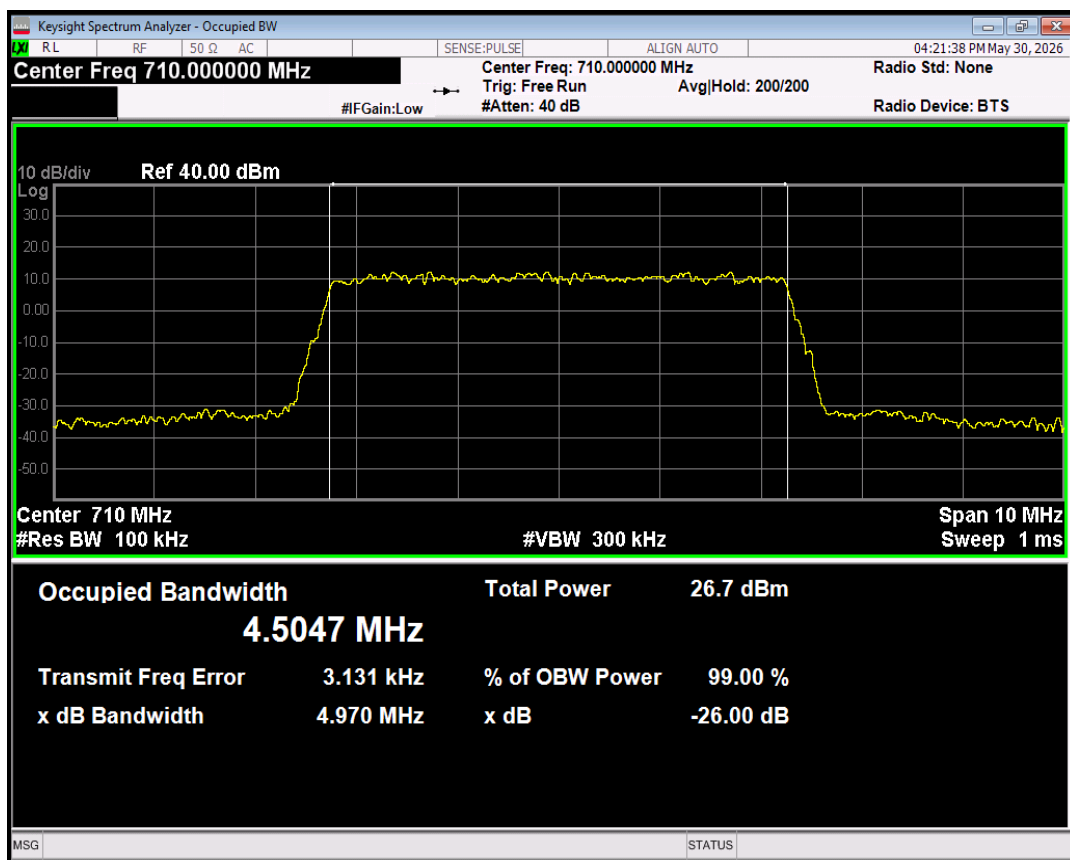
Band12 16QAM BW=10MHz Channel=23095 RB Size=50 Position=#0



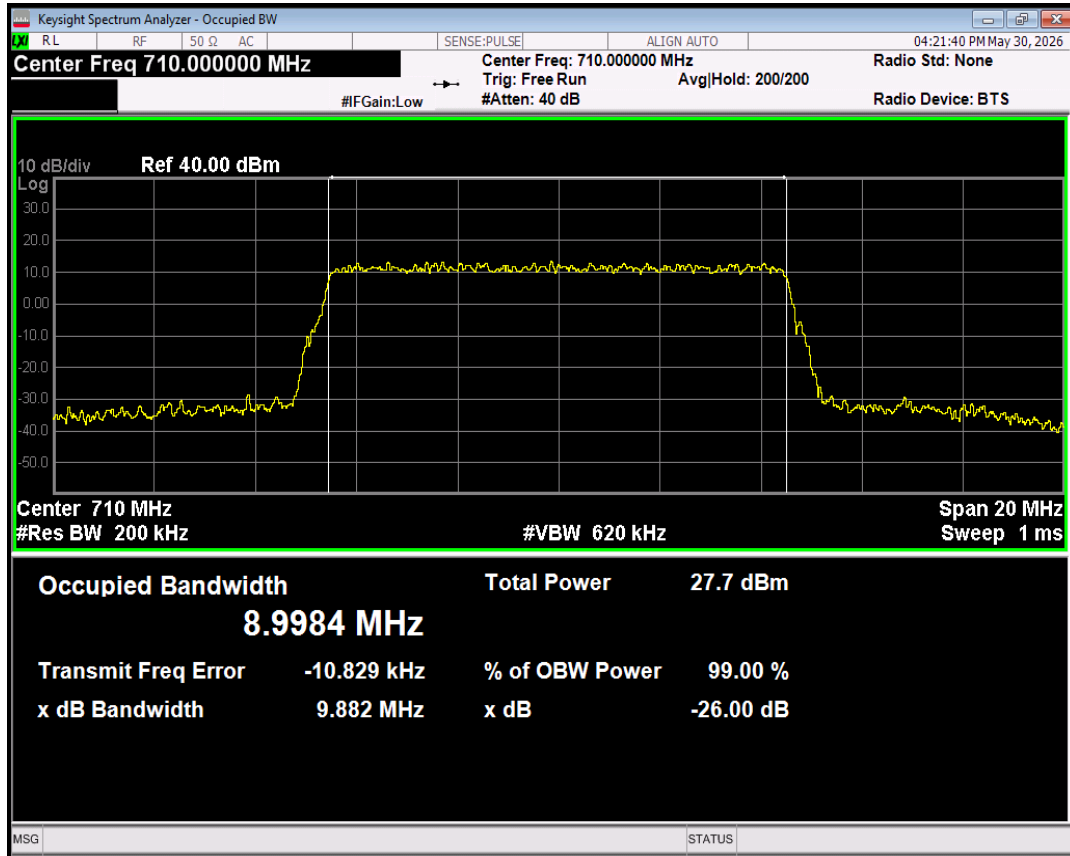
Band17 QPSK BW=5MHz Channel=23790 RB Size=25 Position=#0



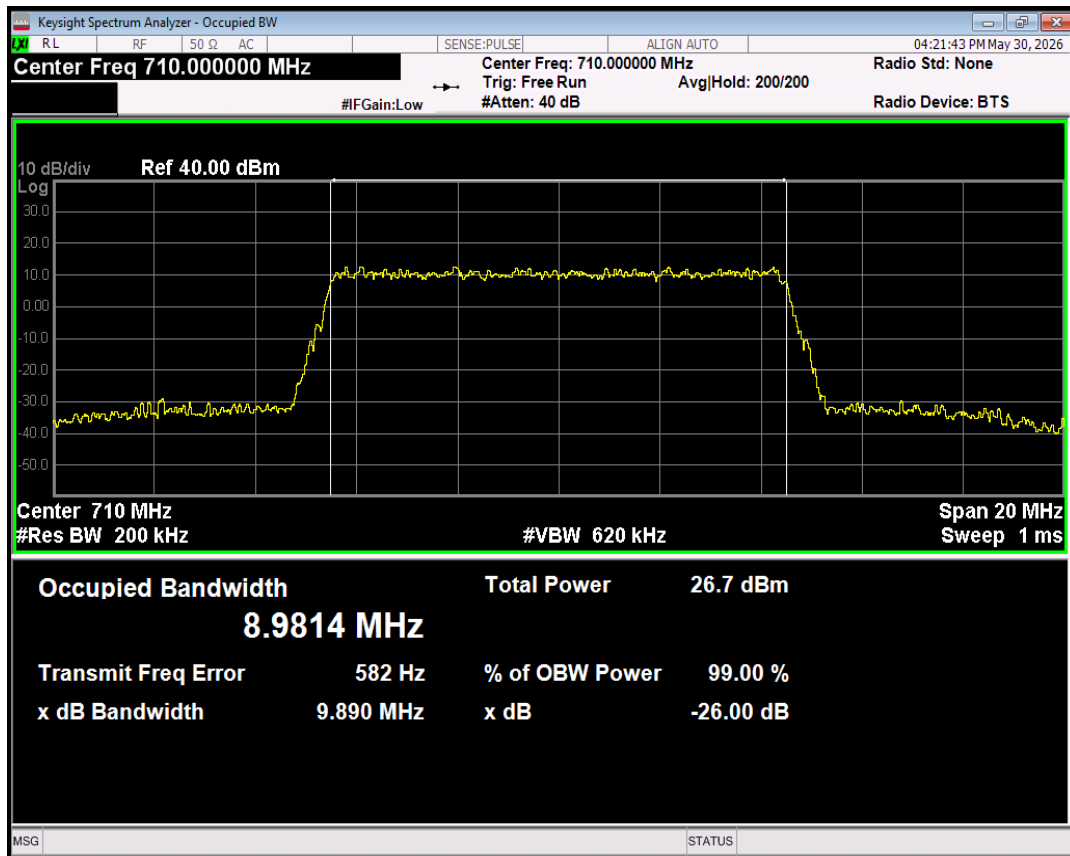
Band17 16QAM BW=5MHz Channel=23790 RB Size=25 Position=#0



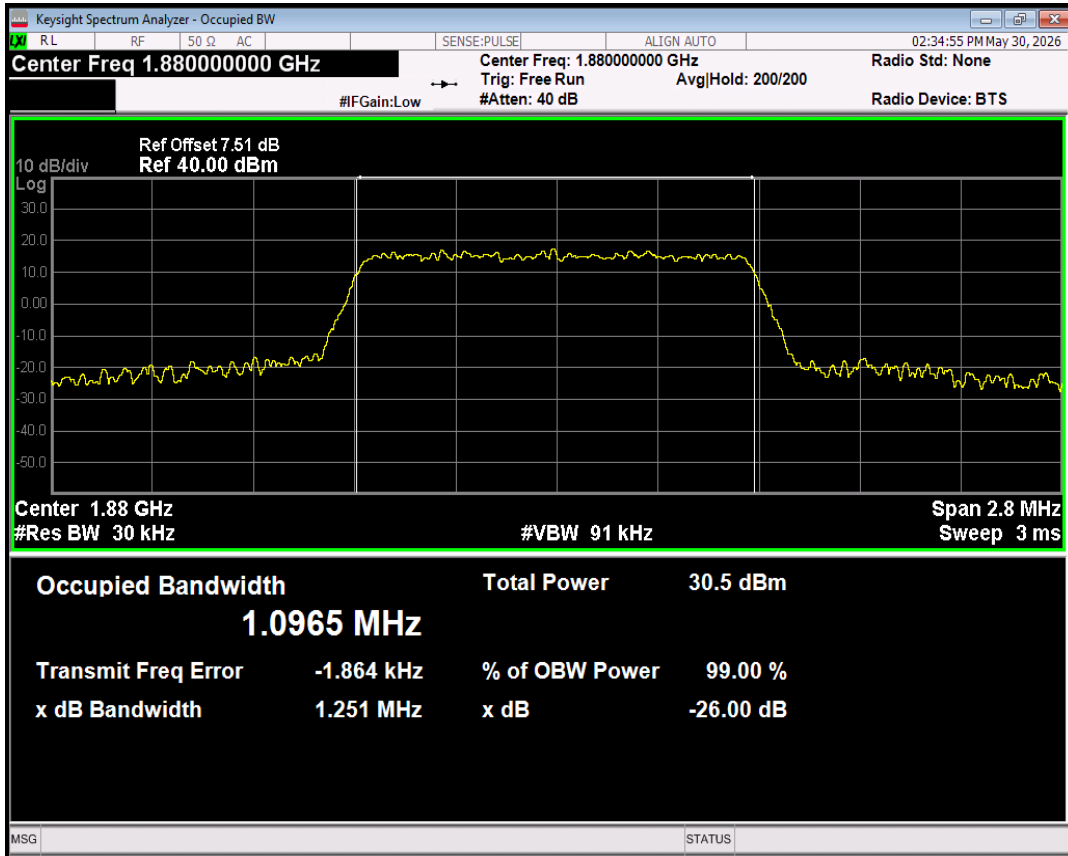
Band17 QPSK BW=10MHz Channel=23790 RB Size=50 Position=#0



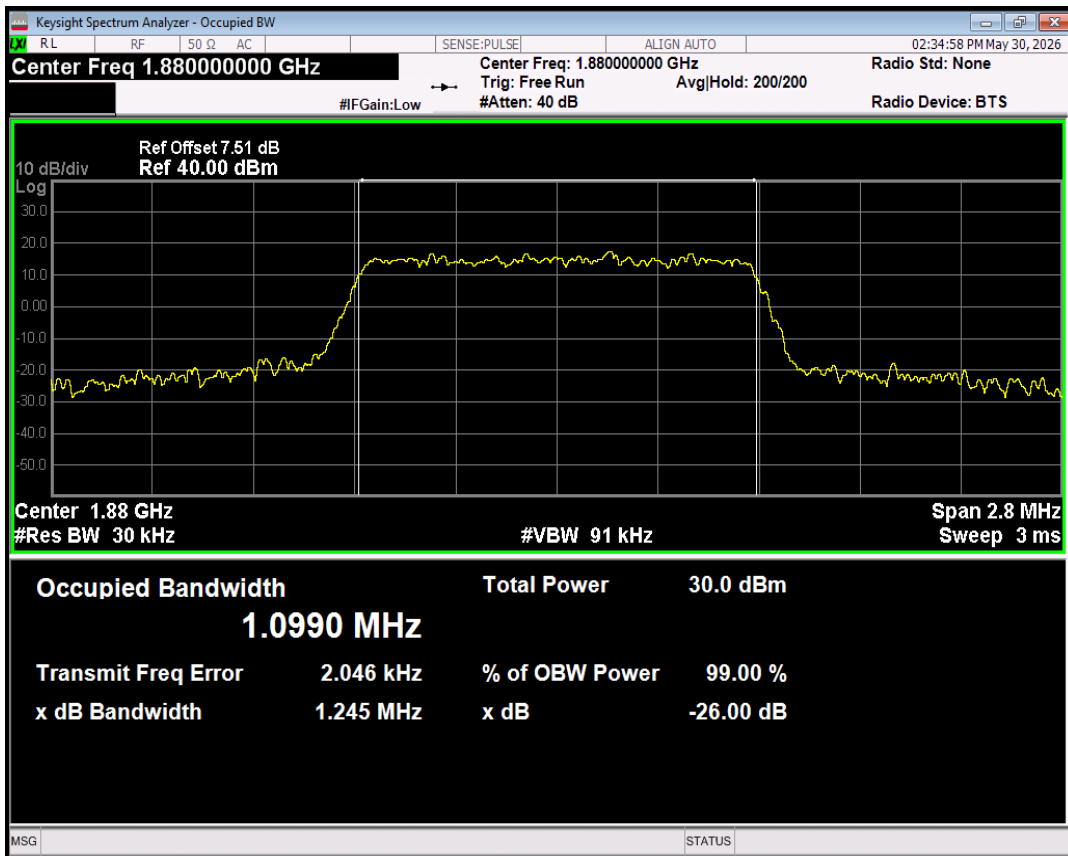
Band17 16QAM BW=10MHz Channel=23790 RB Size=50 Position=#0



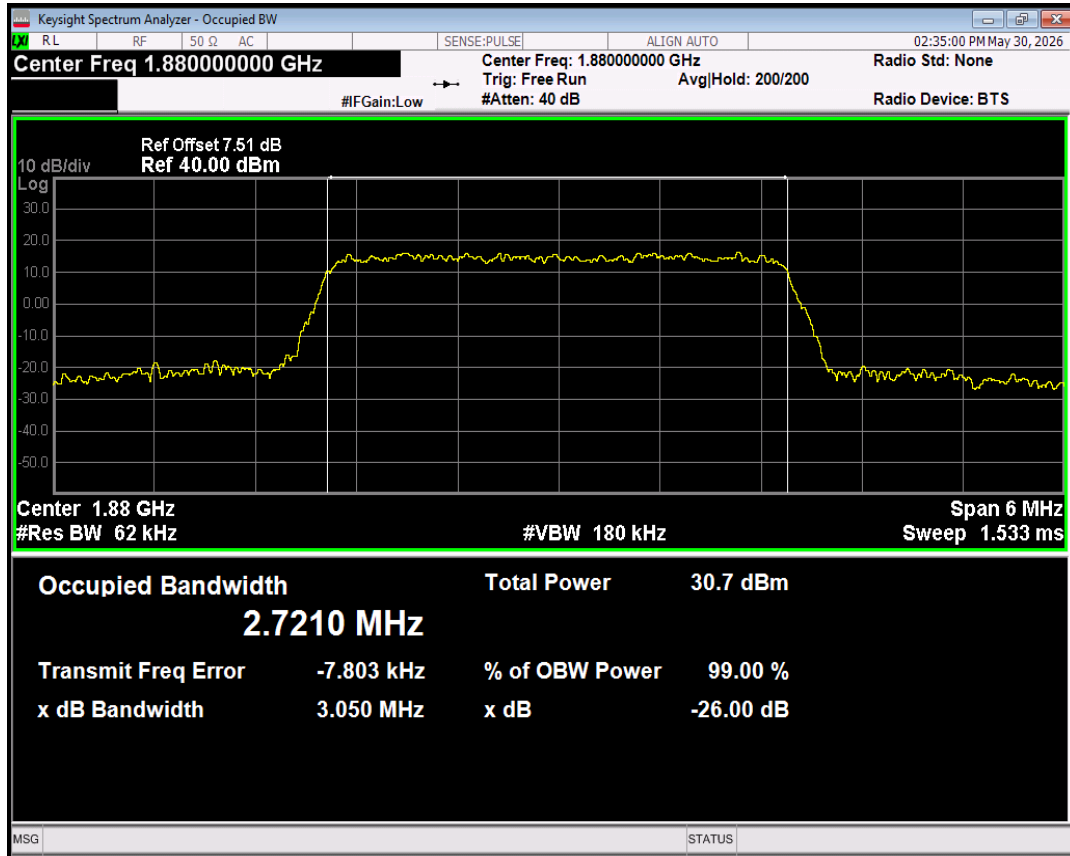
Band2 QPSK BW=1.4MHz Channel=18900 RB Size=6 Position=#0



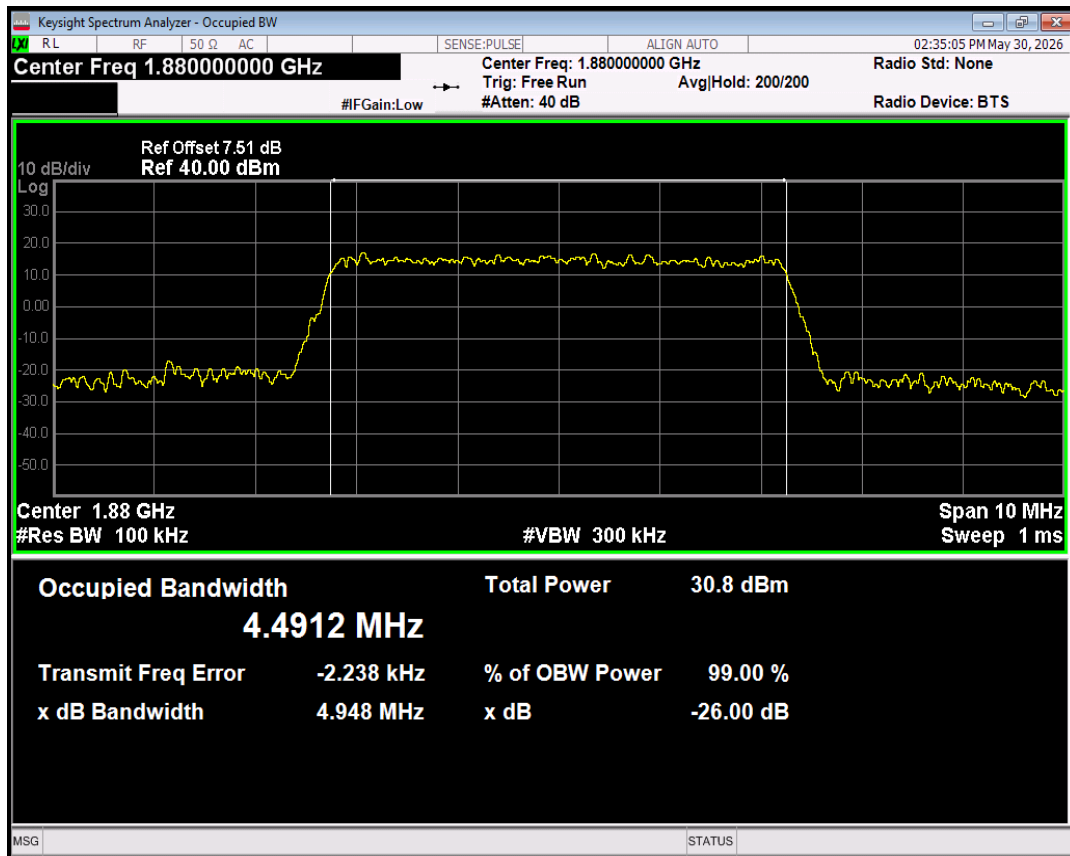
Band2 16QAM BW=1.4MHz Channel=18900 RB Size=6 Position=#0



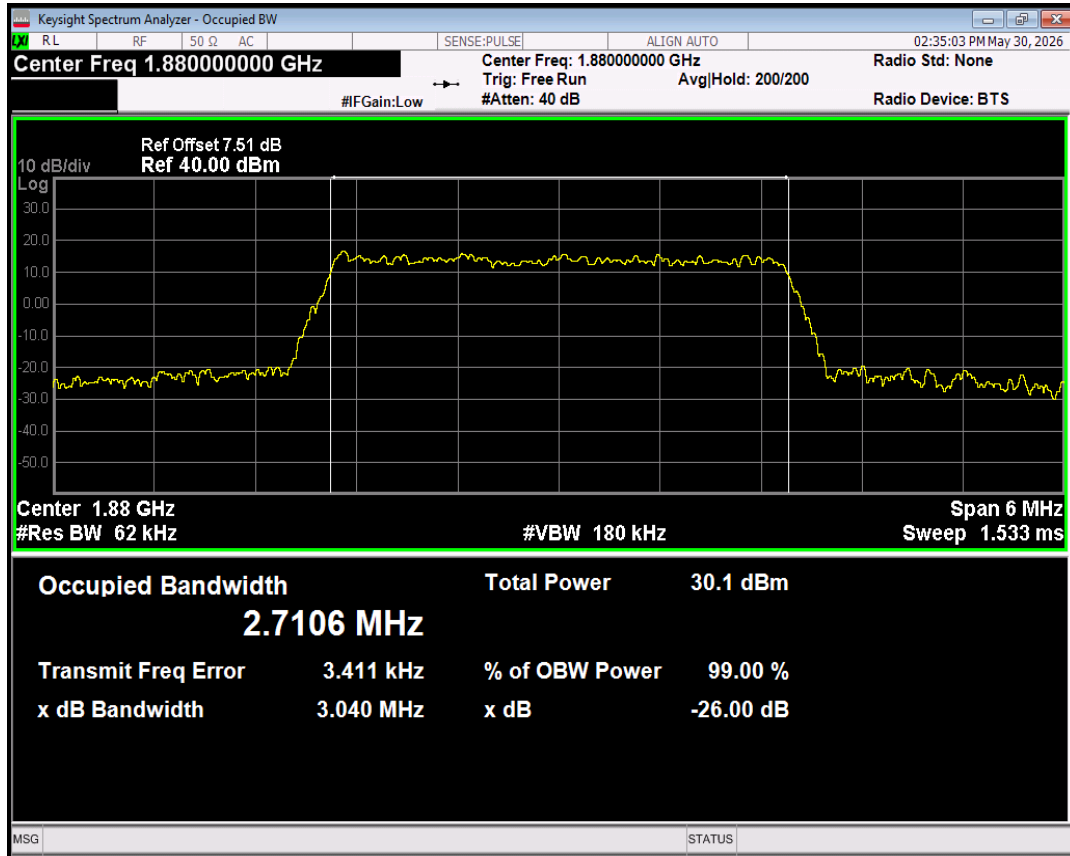
Band2 QPSK BW=3MHz Channel=18900 RB Size=15 Position=#0



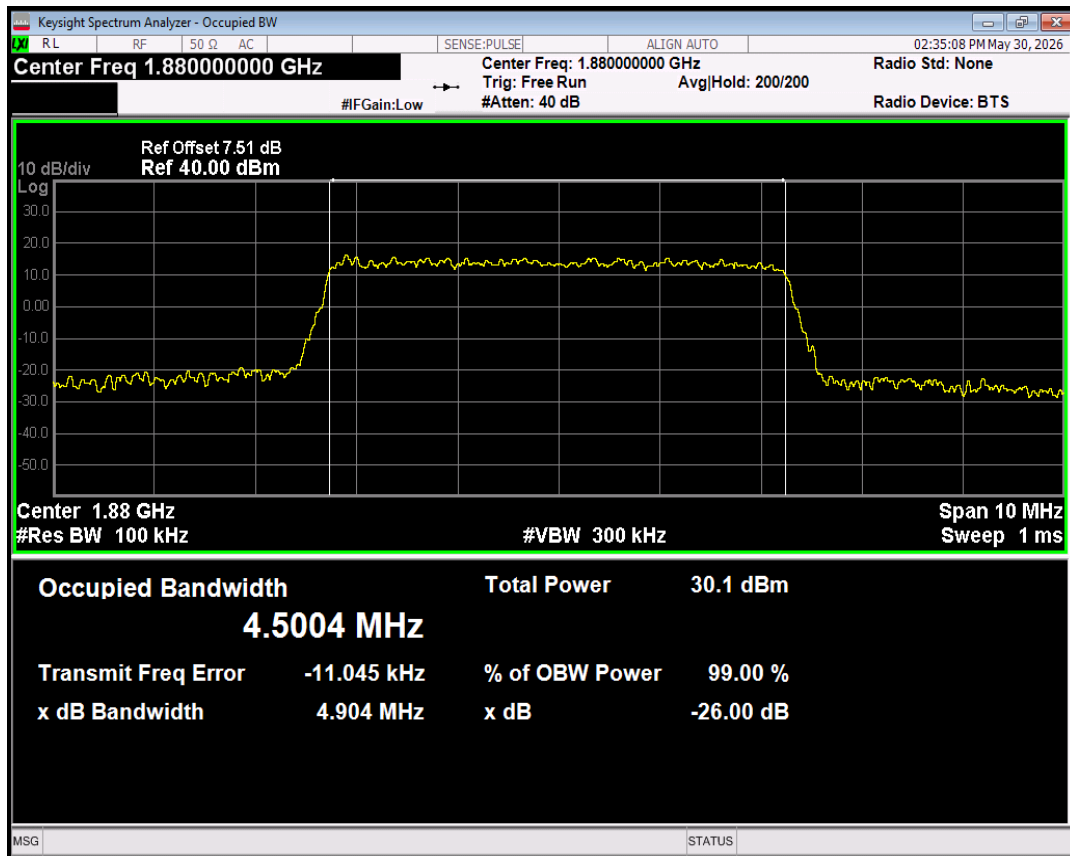
Band2 QPSK BW=5MHz Channel=18900 RB Size=25 Position=#0



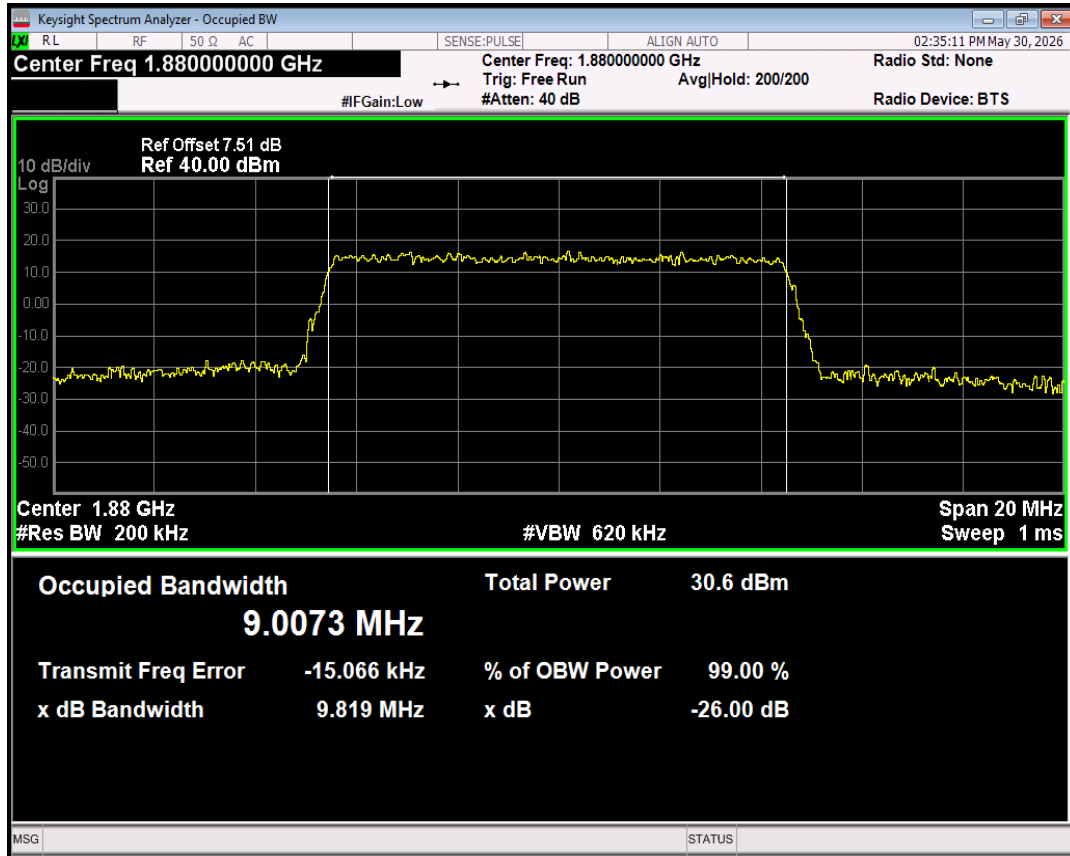
Band2 16QAM BW=3MHz Channel=18900 RB Size=15 Position=#0



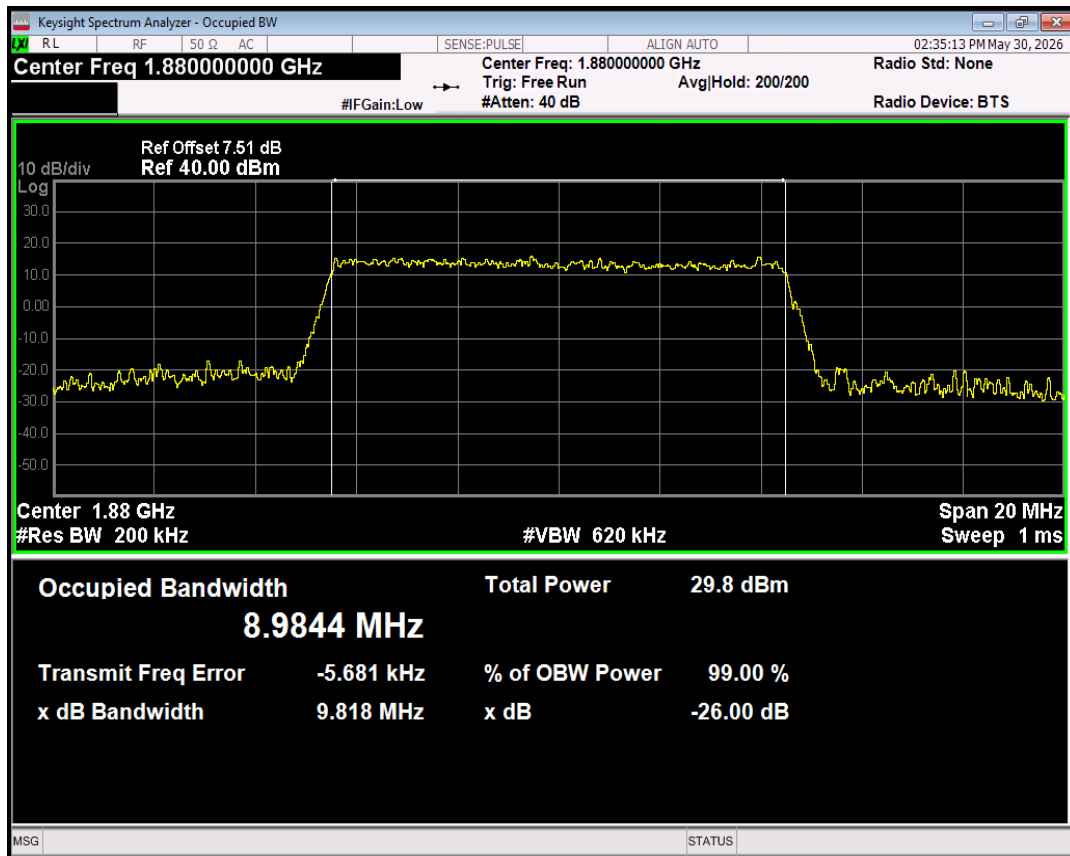
Band2 16QAM BW=5MHz Channel=18900 RB Size=25 Position=#0



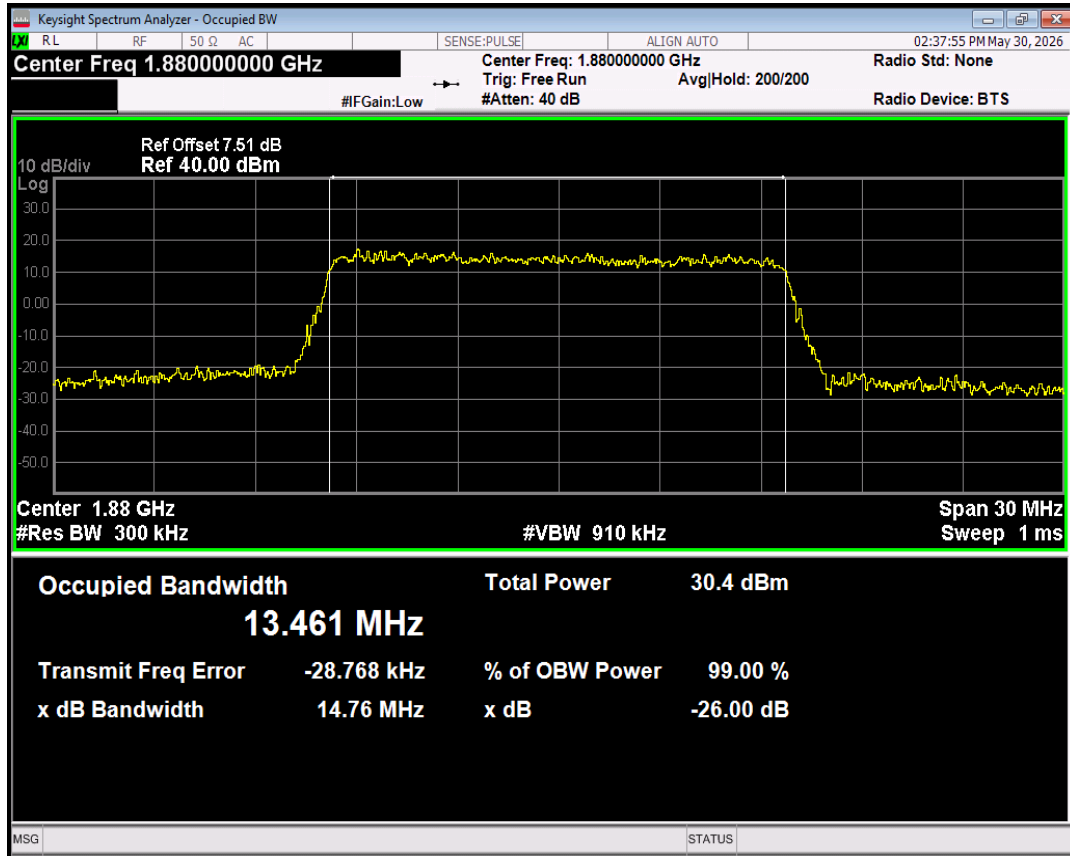
Band2 QPSK BW=10MHz Channel=18900 RB Size=50 Position=#0



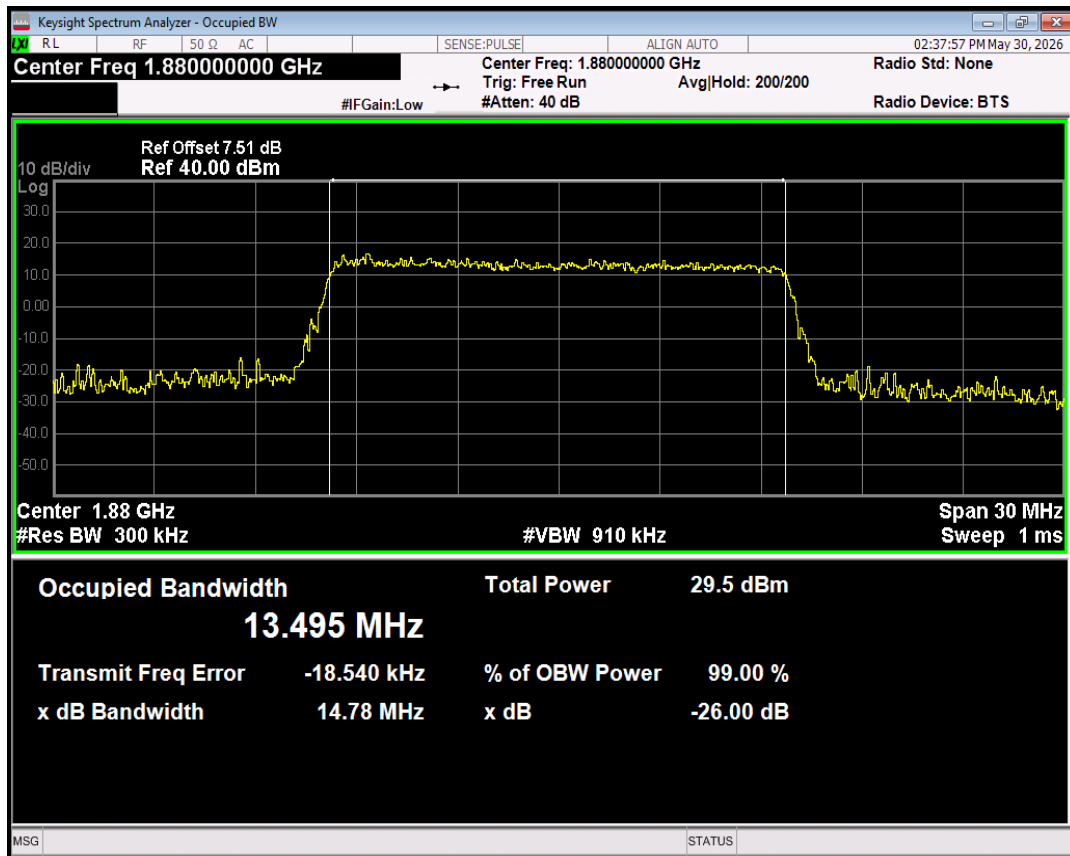
Band2 16QAM BW=10MHz Channel=18900 RB Size=50 Position=#0



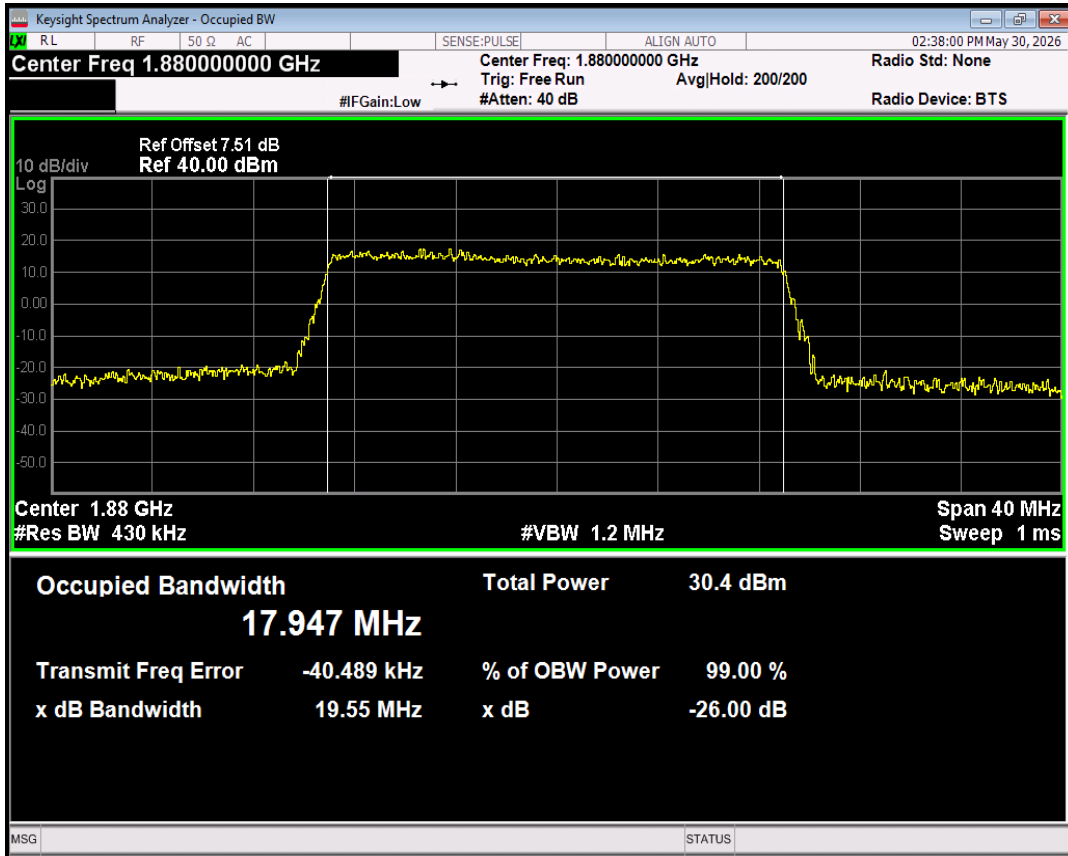
Band2 QPSK BW=15MHz Channel=18900 RB Size=75 Position=#0



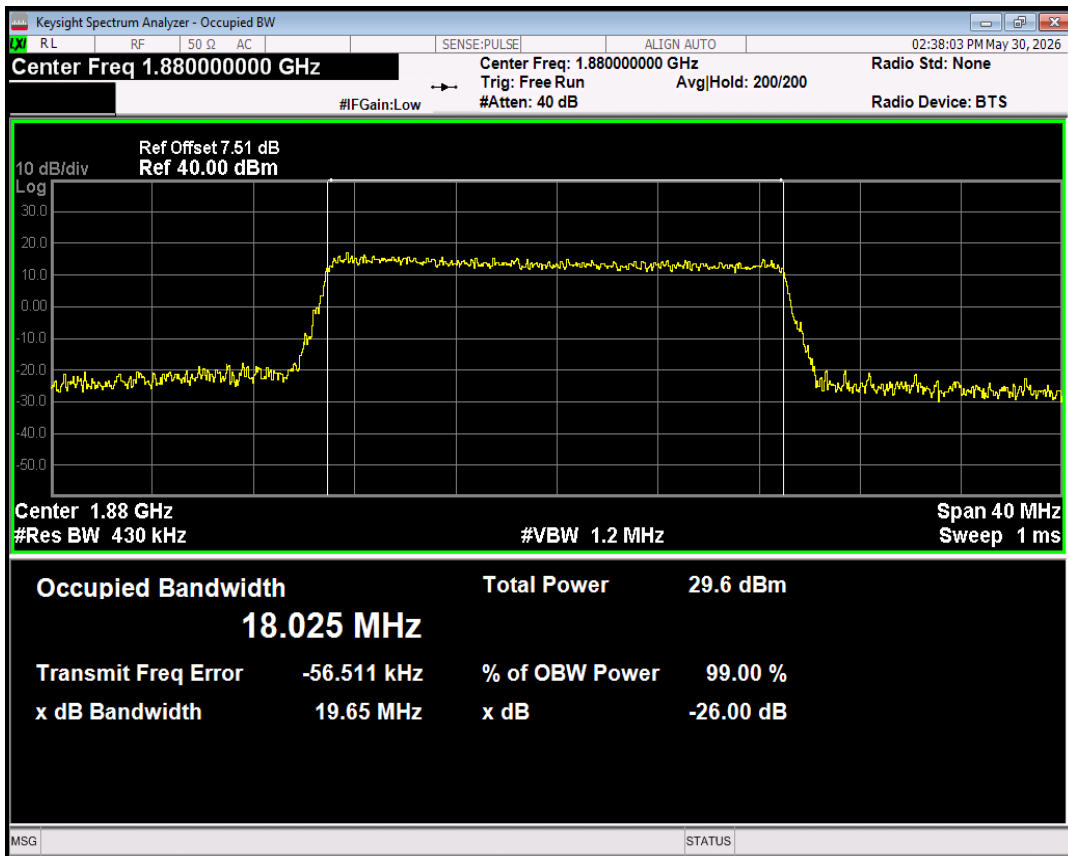
Band2 16QAM BW=15MHz Channel=18900 RB Size=75 Position=#0



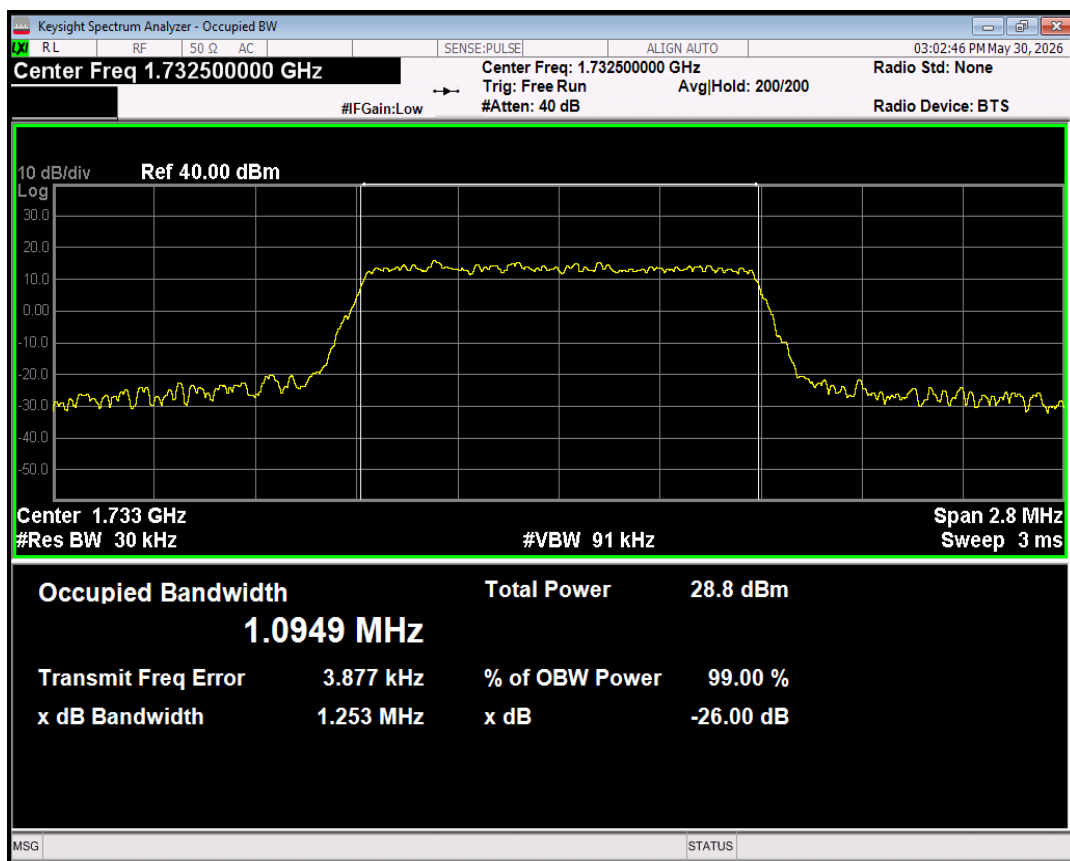
Band2 QPSK BW=20MHz Channel=18900 RB Size=100 Position=#0



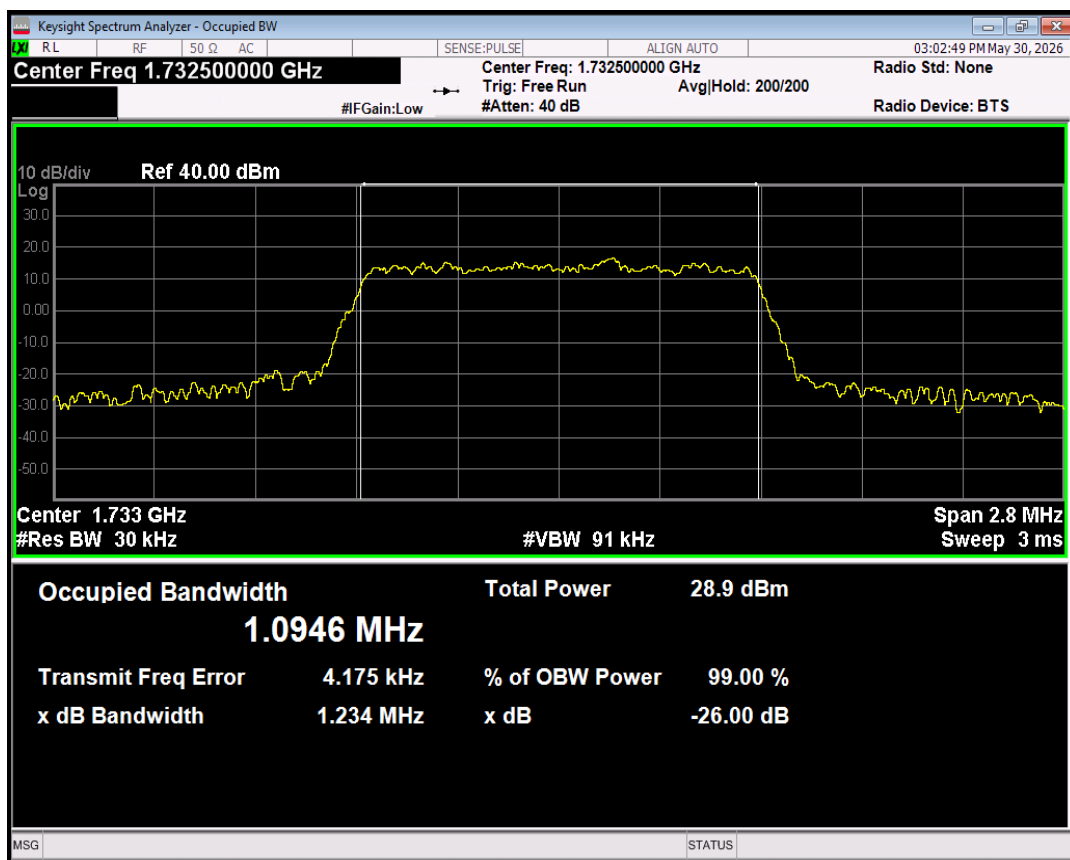
Band2 16QAM BW=20MHz Channel=18900 RB Size=100 Position=#0



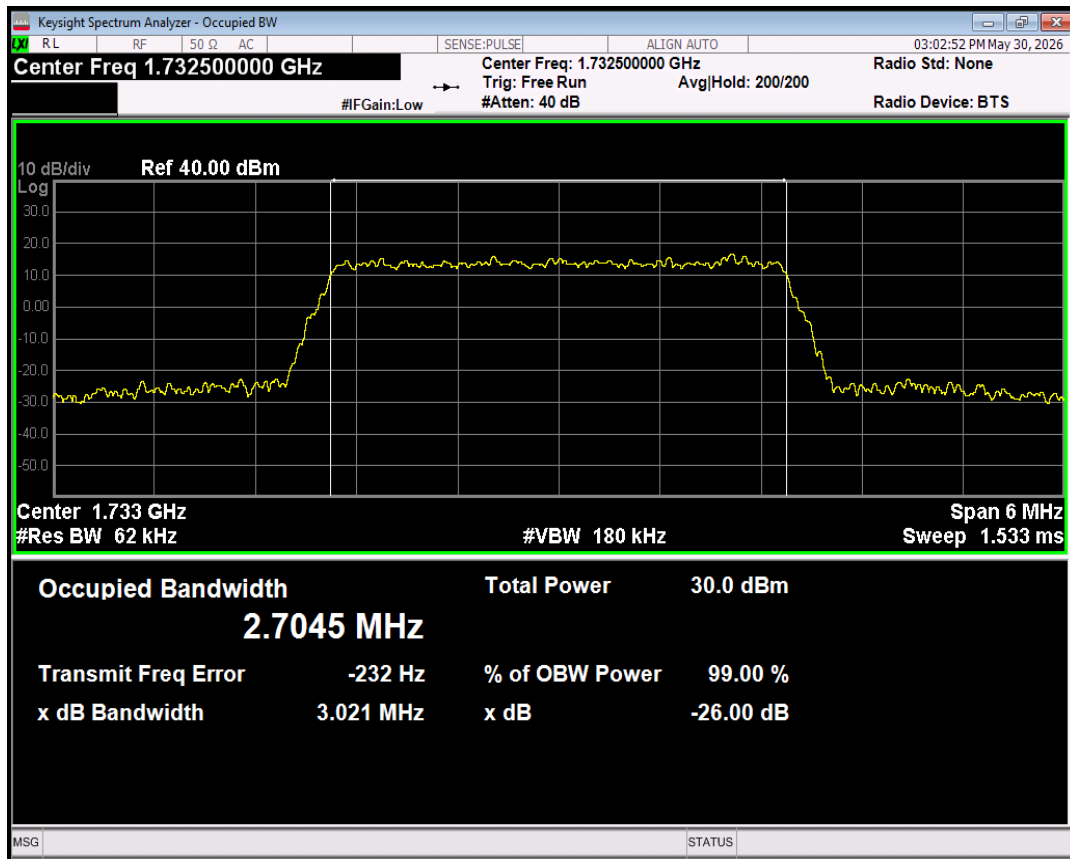
Band4 QPSK BW=1.4MHz Channel=20175 RB Size=6 Position=#0



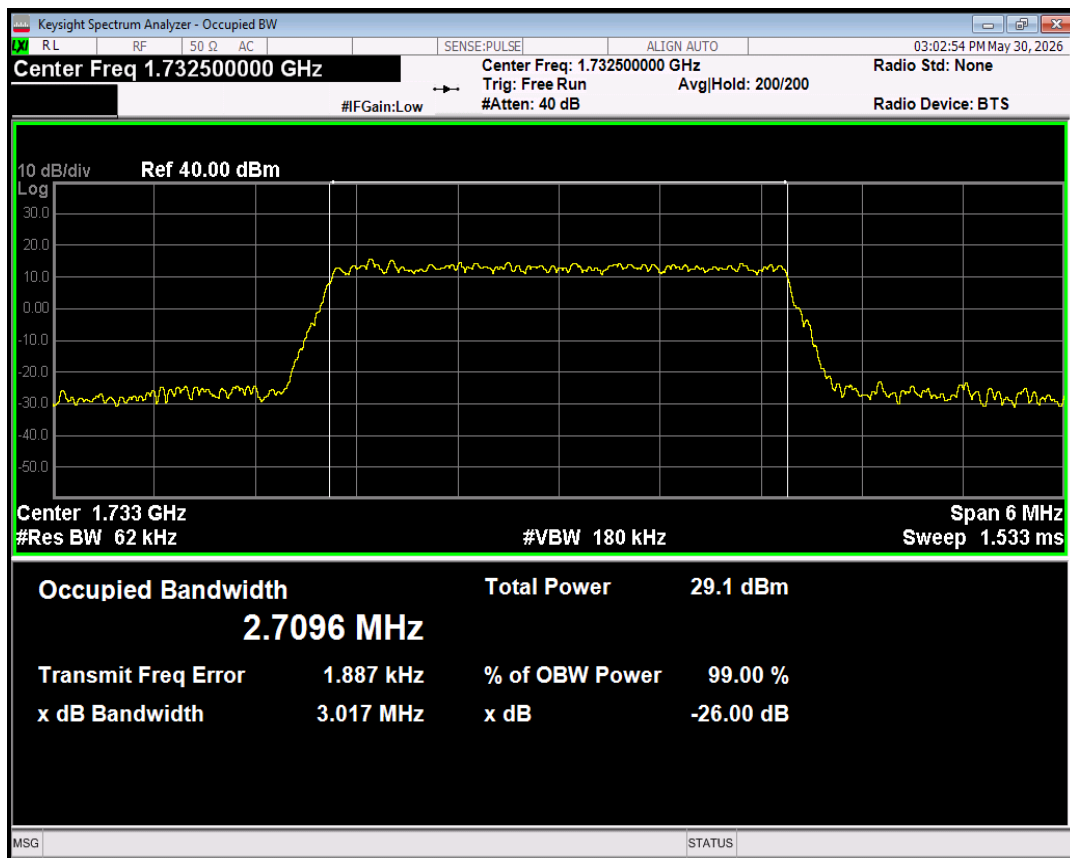
Band4 16QAM BW=1.4MHz Channel=20175 RB Size=6 Position=#0



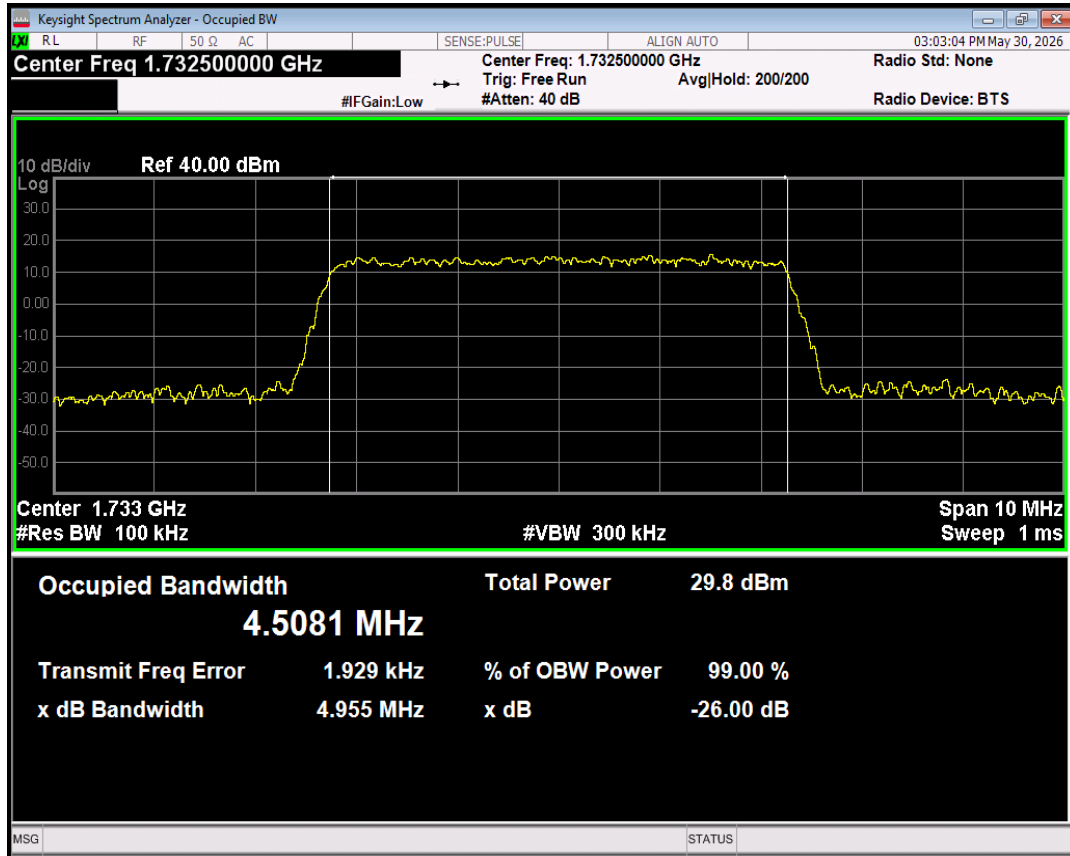
Band4 QPSK BW=3MHz Channel=20175 RB Size=15 Position=#0



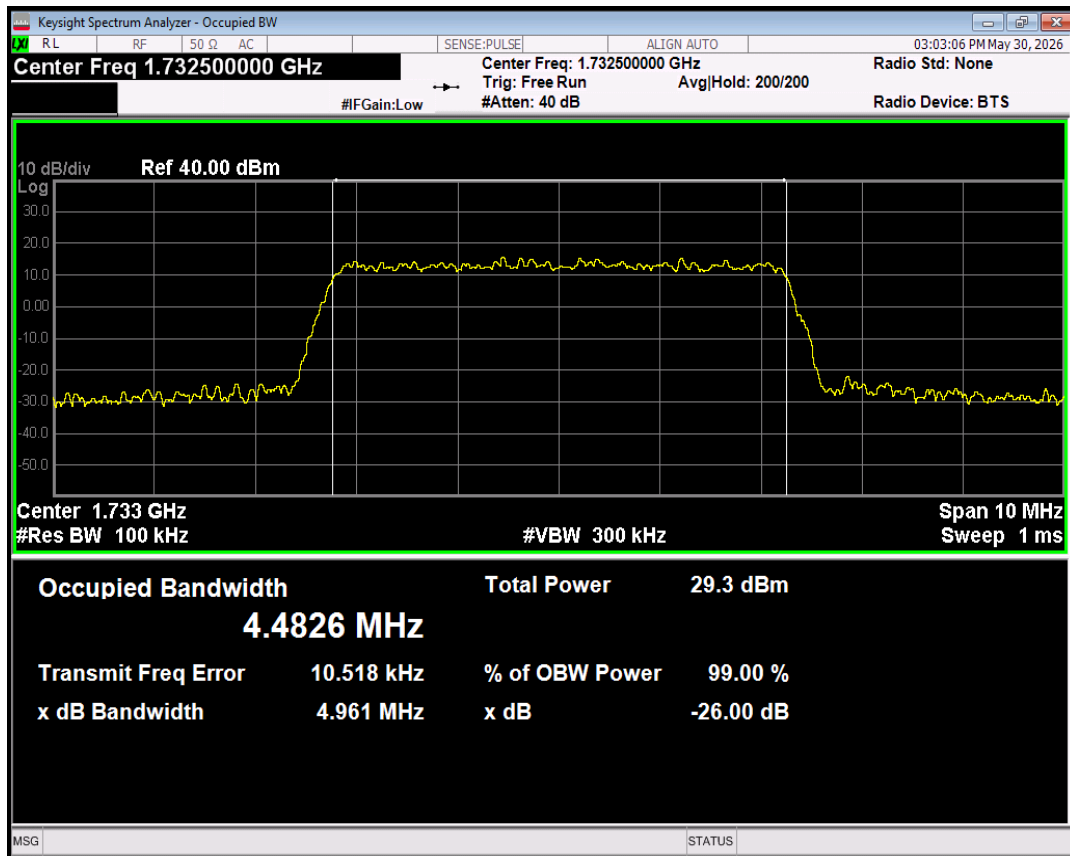
Band4 16QAM BW=3MHz Channel=20175 RB Size=15 Position=#0



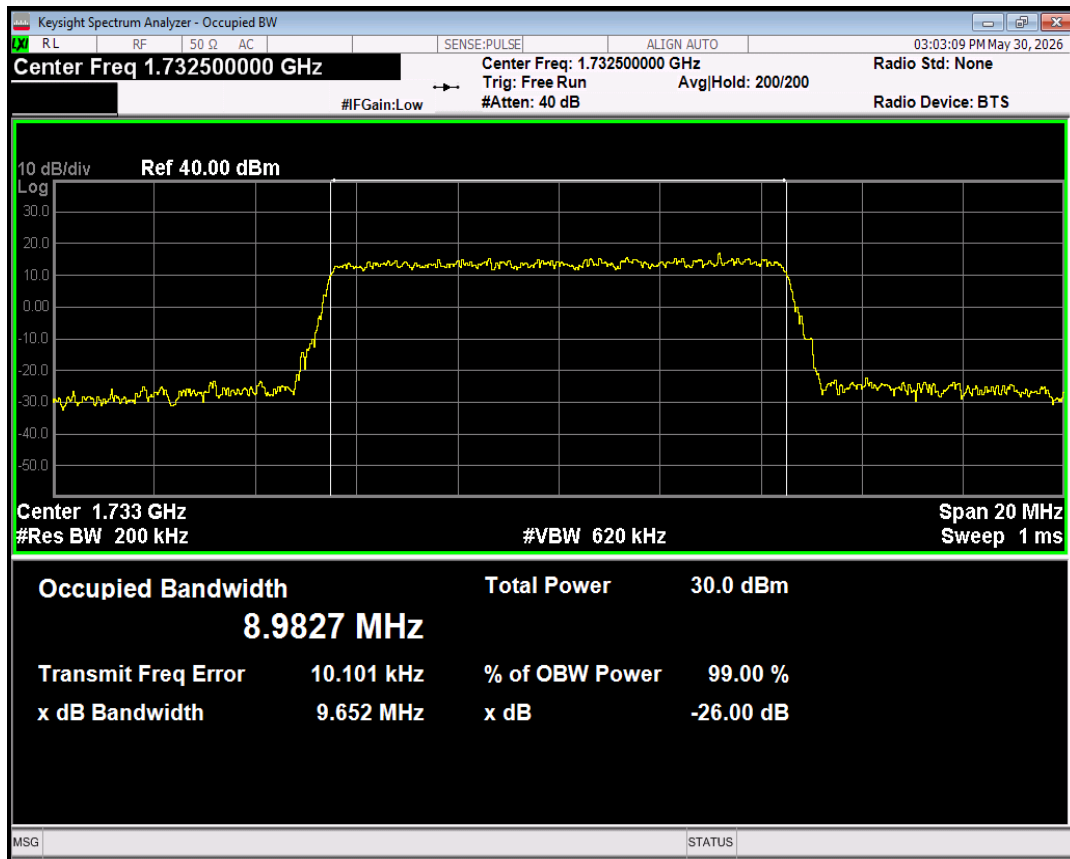
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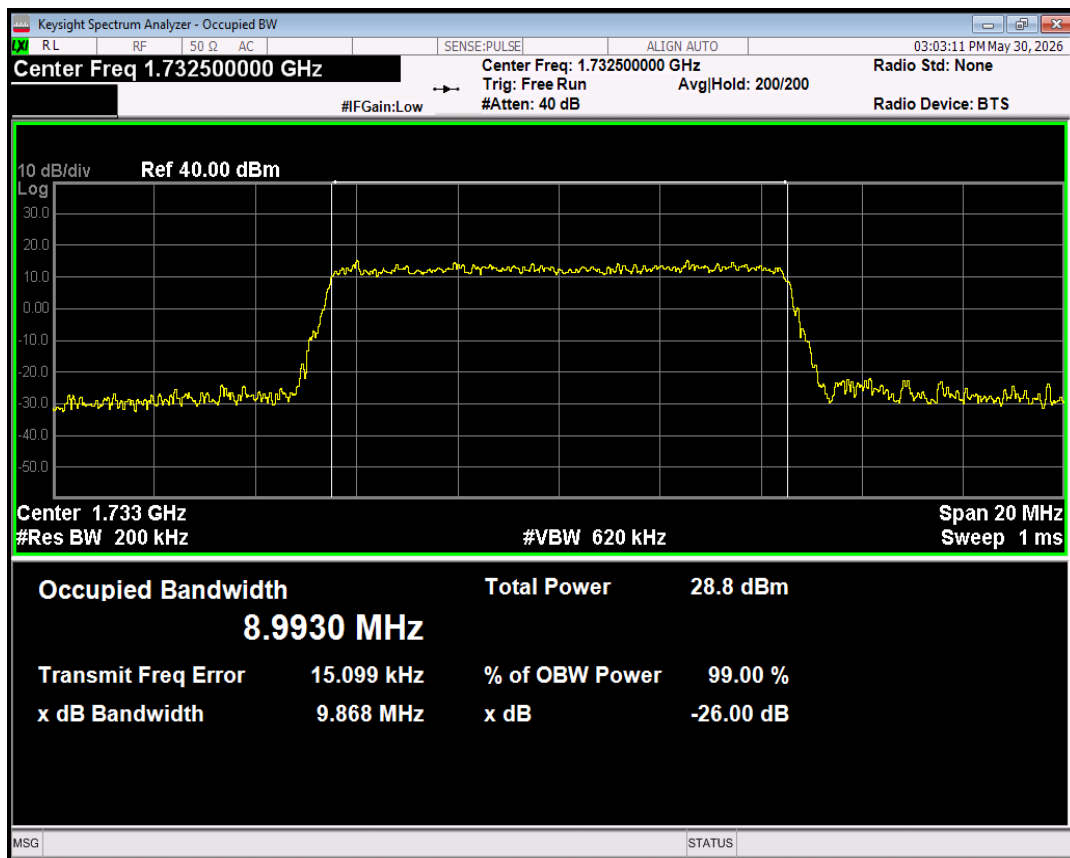
Band4 16QAM BW=5MHz Channel=20175 RB Size=25 Position=#0



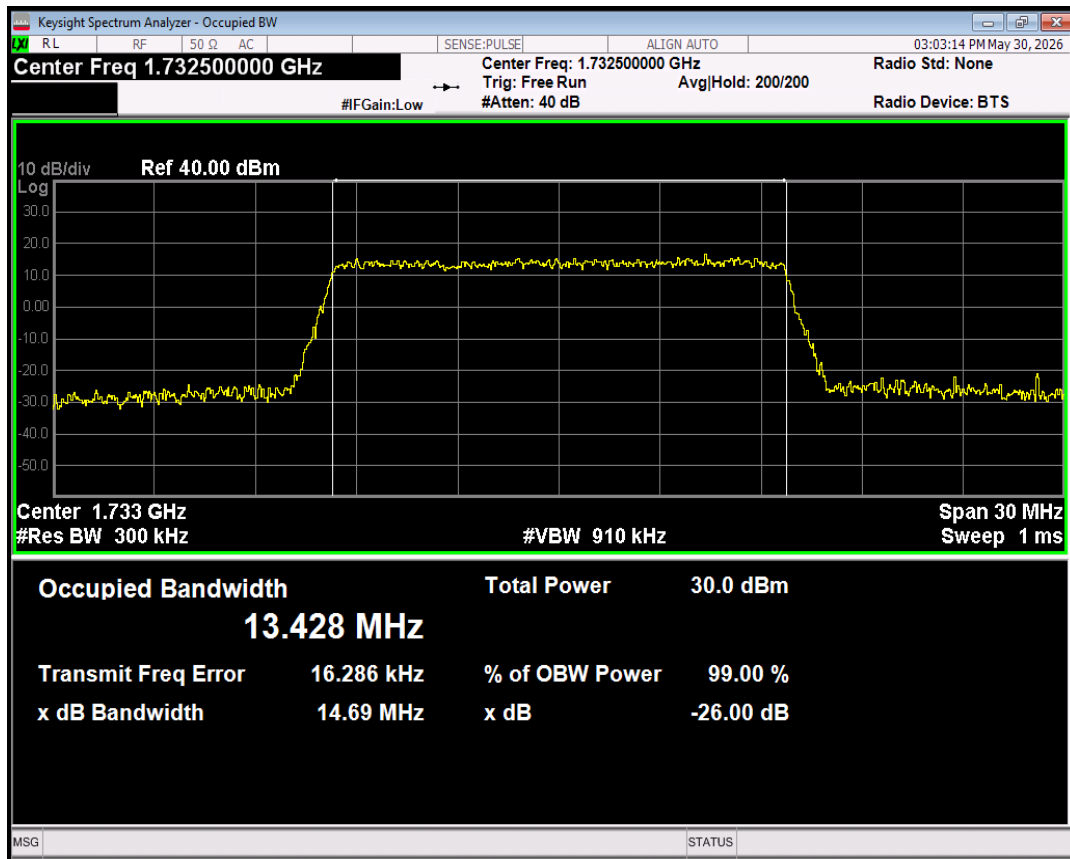
Band4 QPSK BW=10MHz Channel=20175 RB Size=50 Position=#0



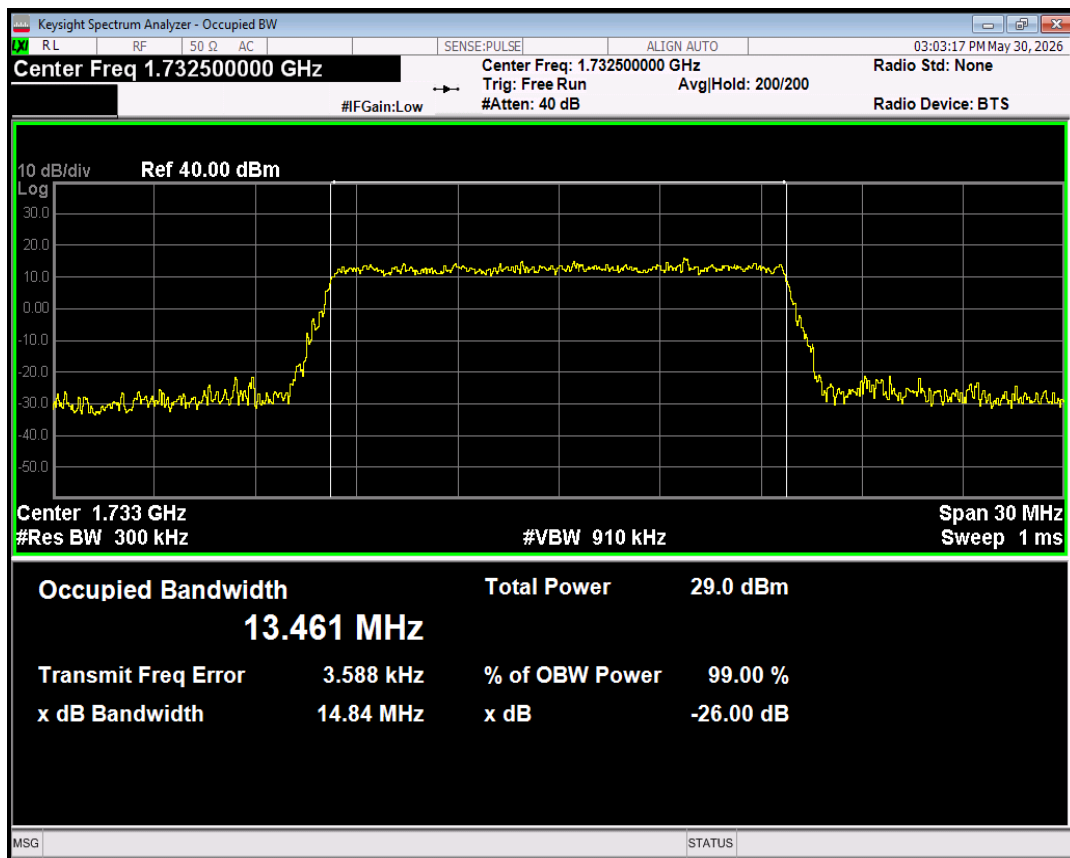
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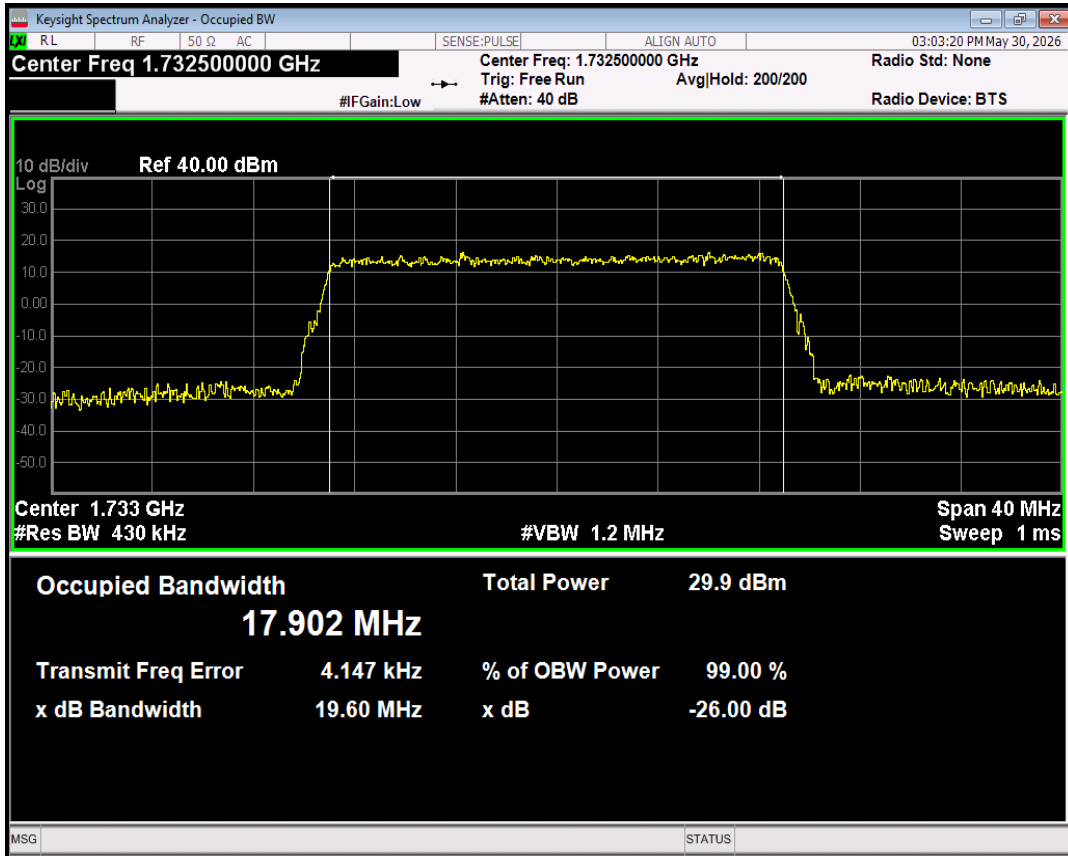
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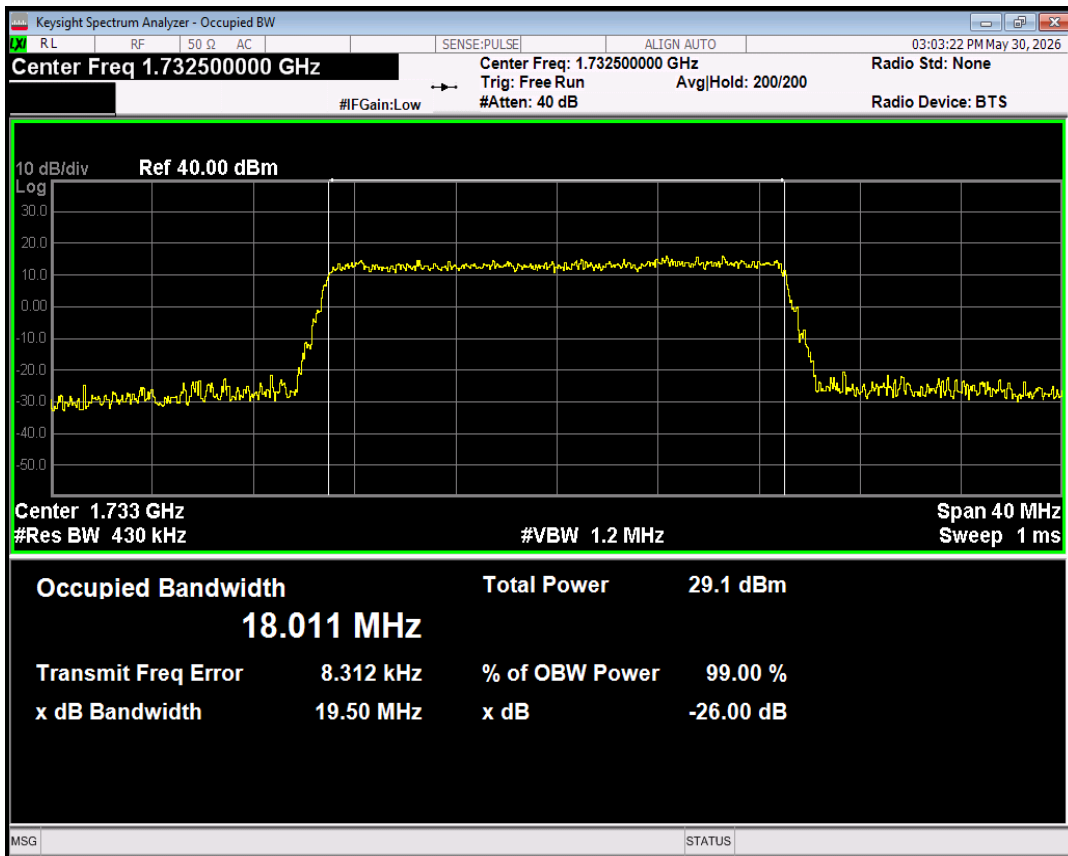
Band4 16QAM BW=15MHz Channel=20175 RB Size=75 Position=#0



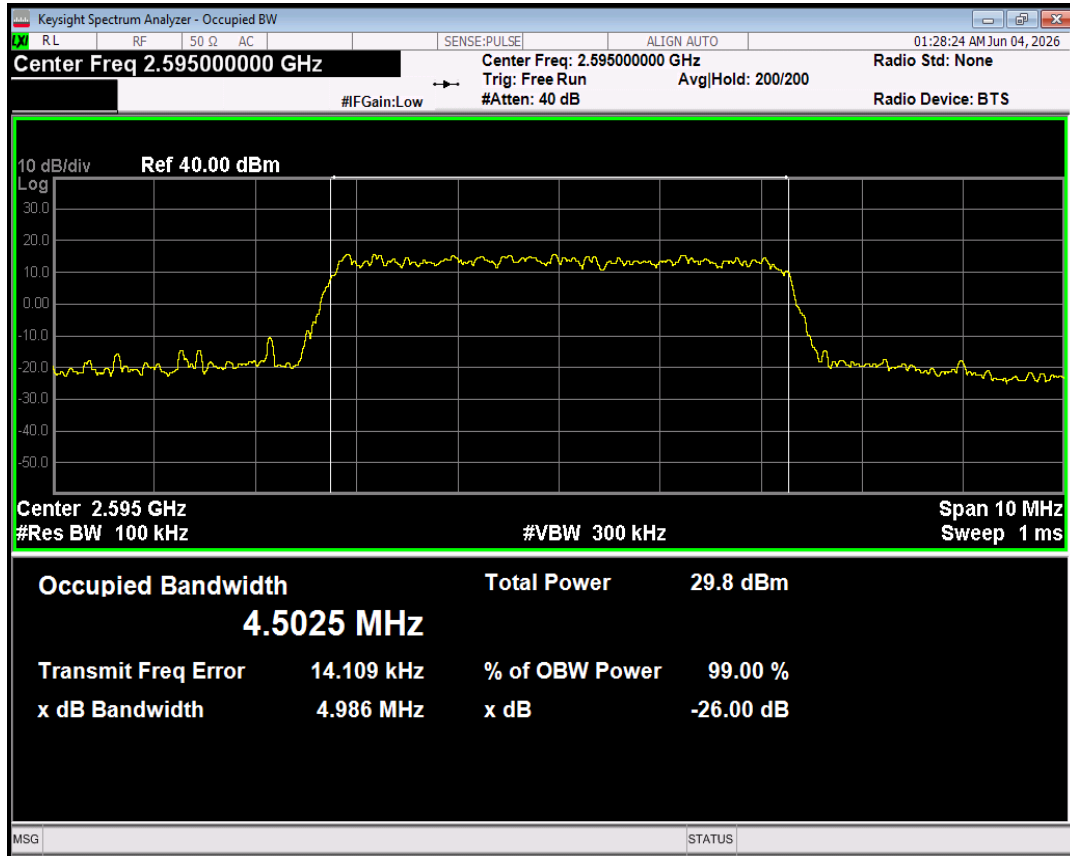
Band4 QPSK BW=20MHz Channel=20175 RB Size=100 Position=#0



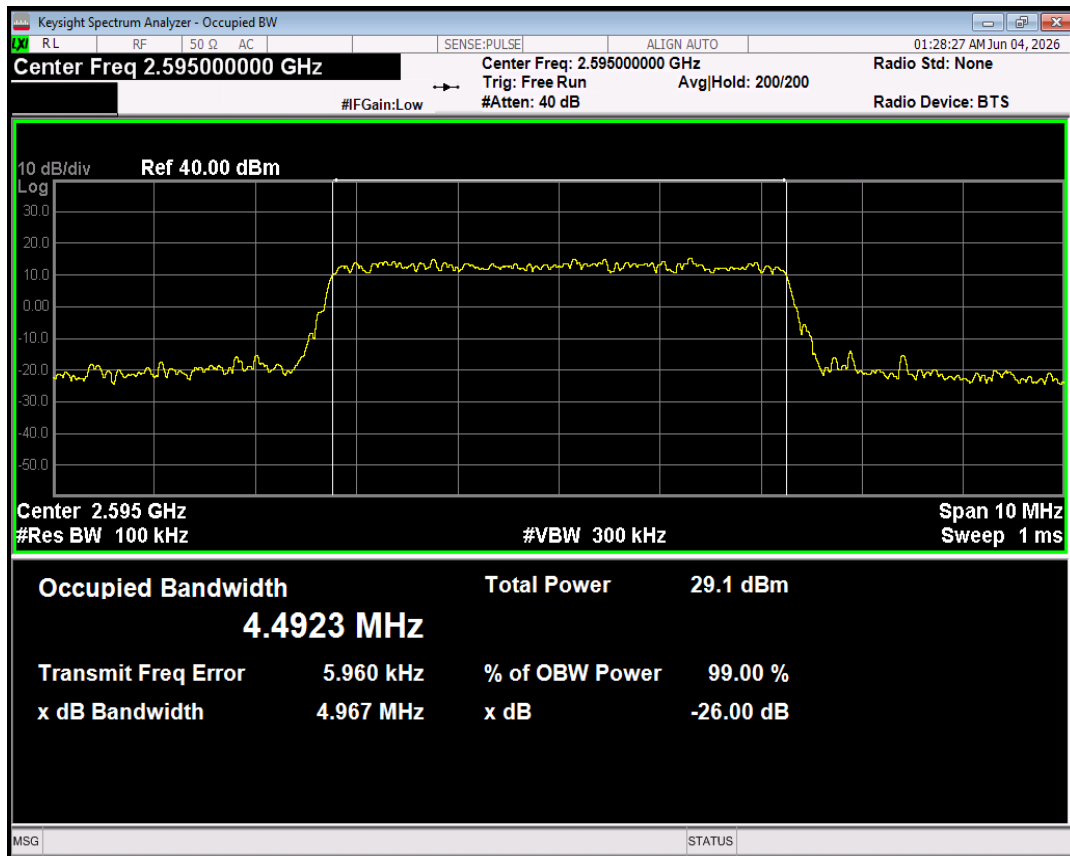
Band4 16QAM BW=20MHz Channel=20175 RB Size=100 Position=#0



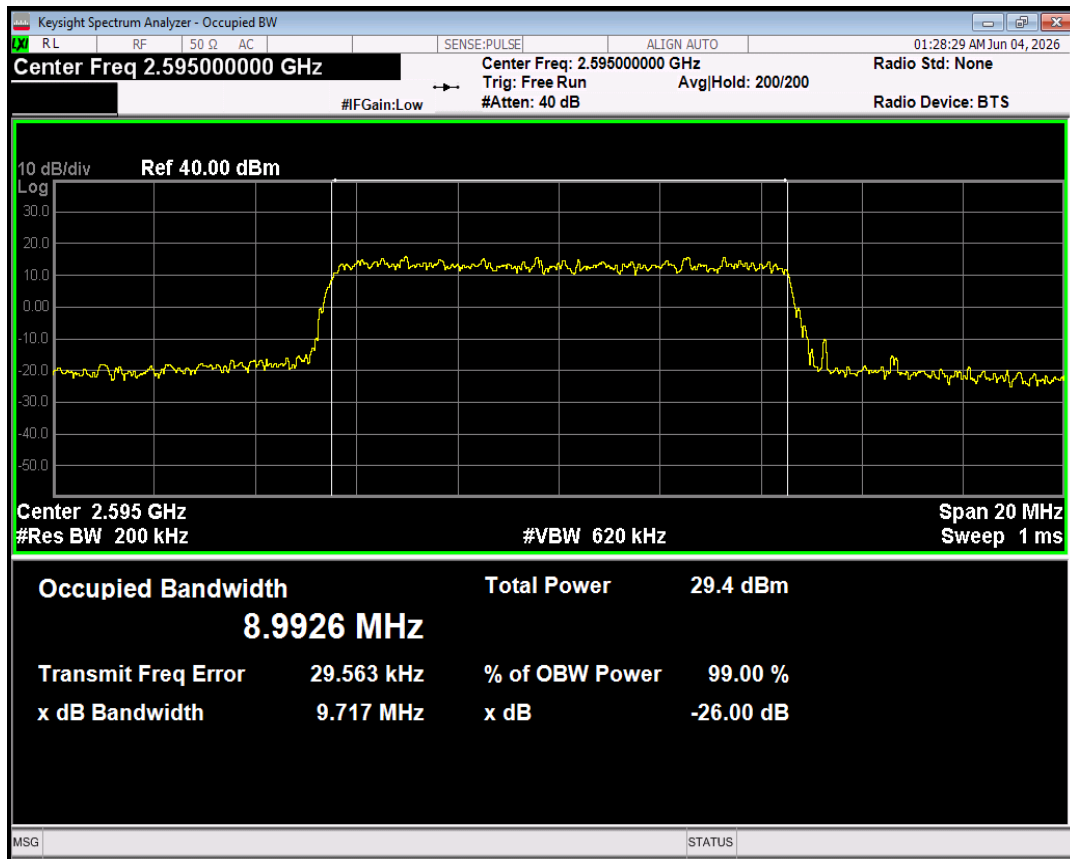
Band41(2535-2655) QPSK BW=5MHz Channel=40640 RB Size=25 Position=#0



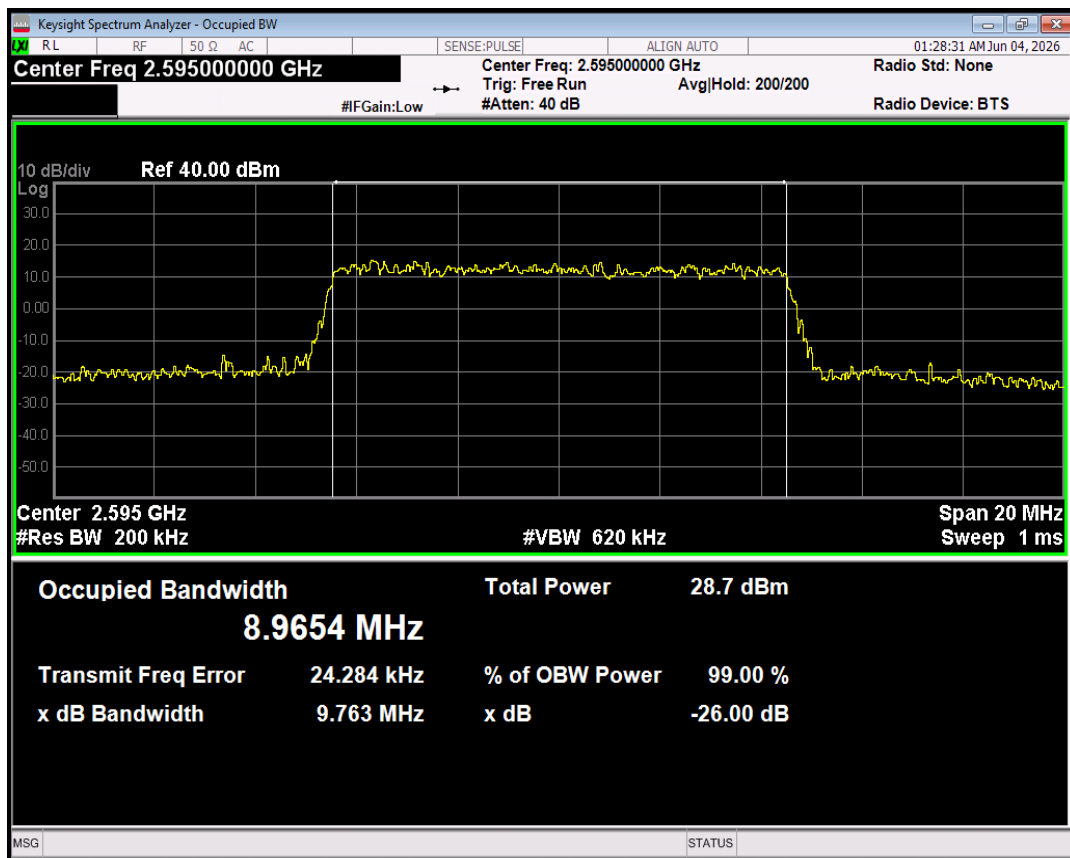
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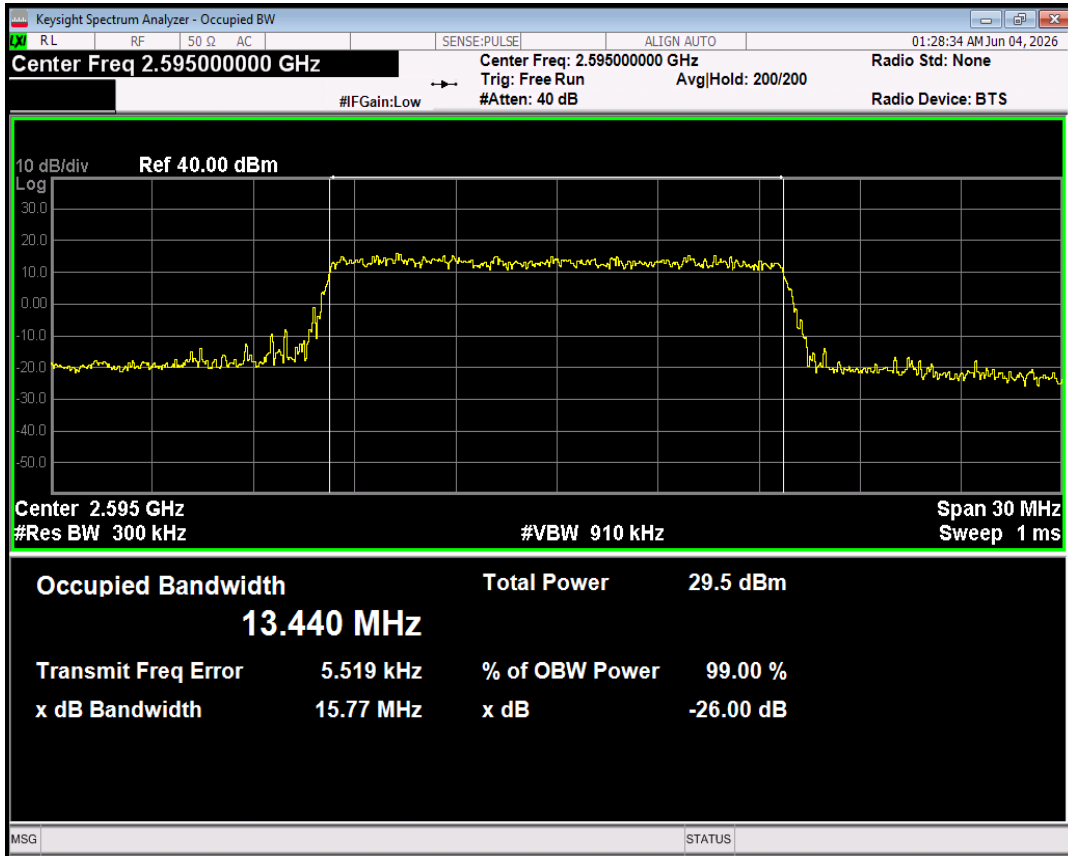
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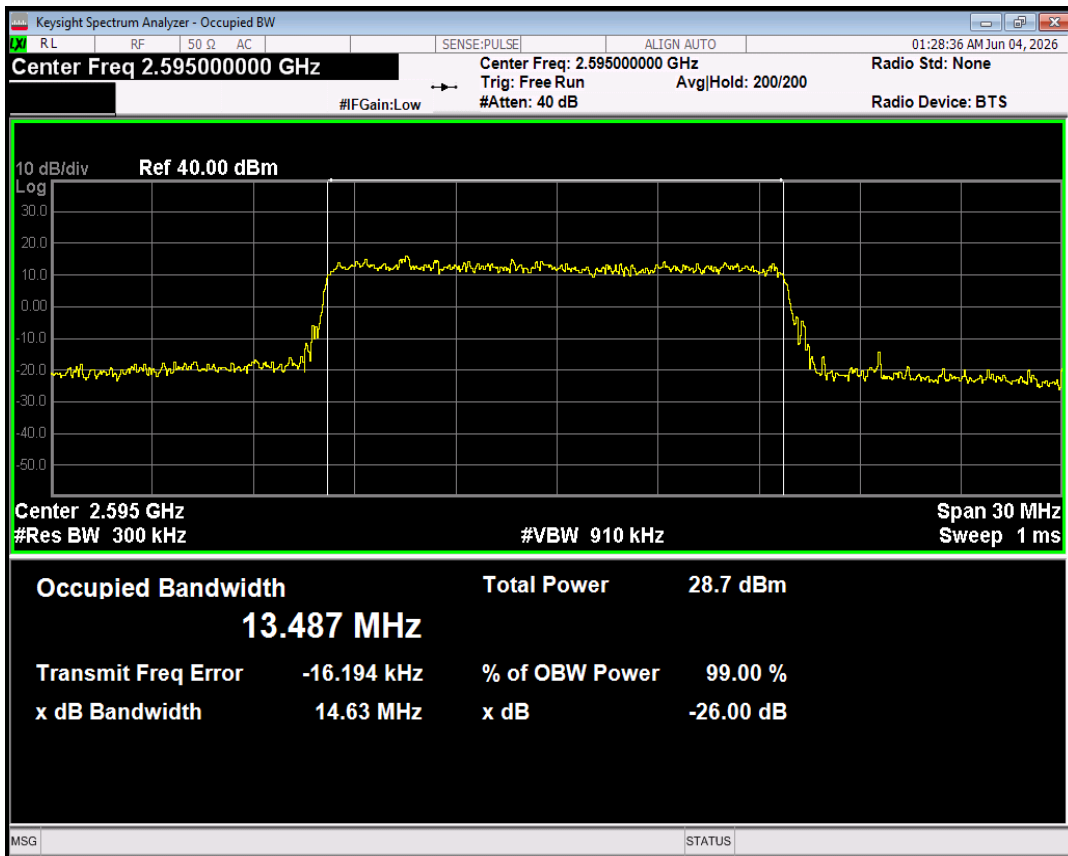
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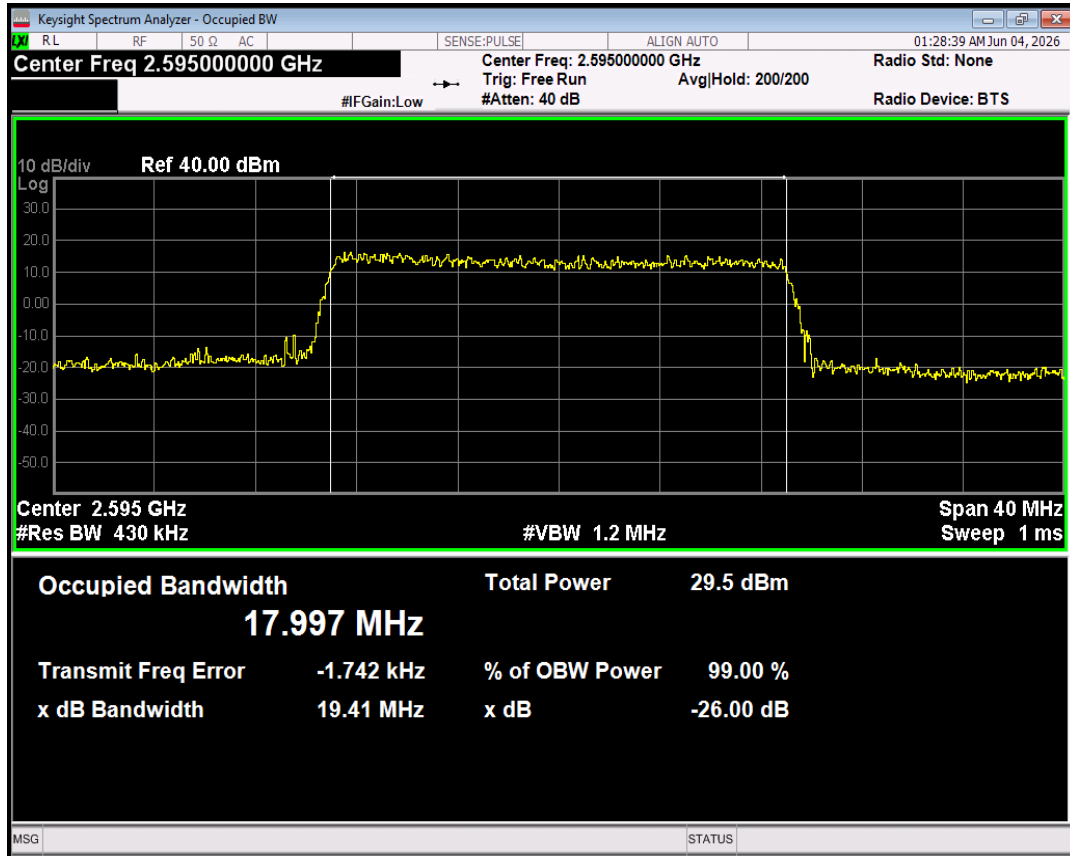
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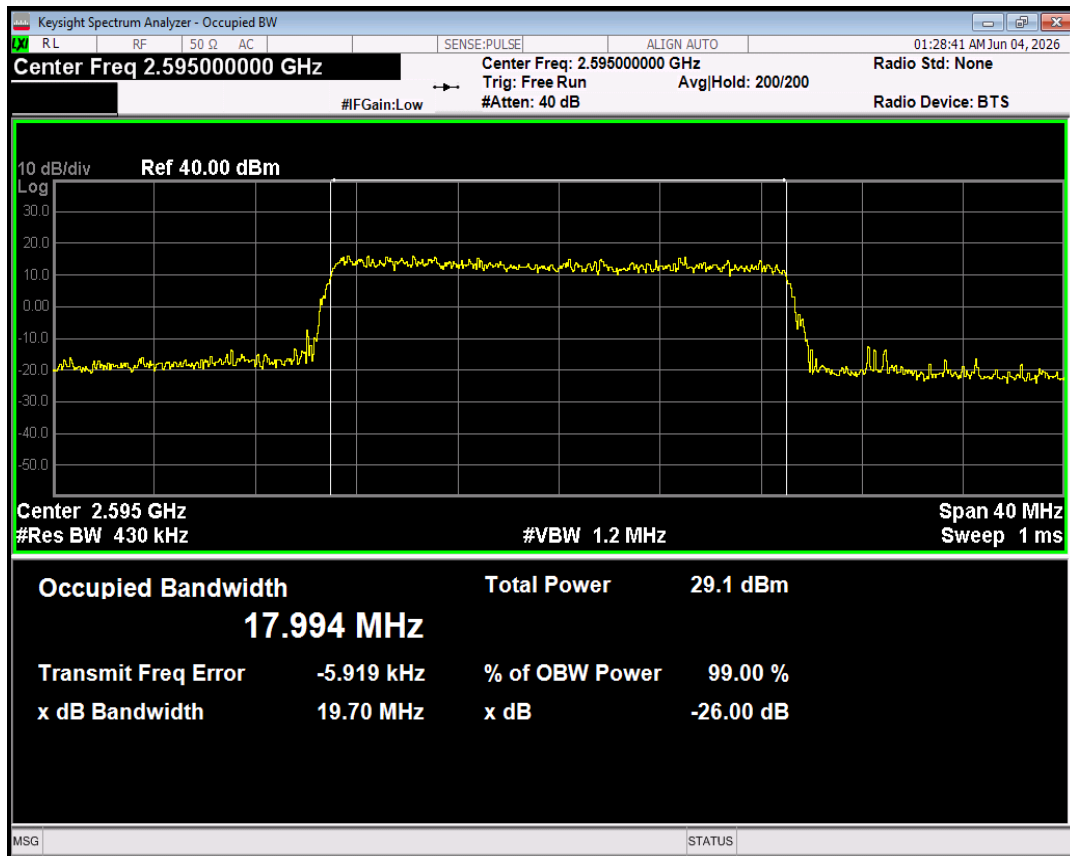
Band41(2535-2655) 16QAM BW=15MHz Channel=40640 RB Size=75 Position=#0



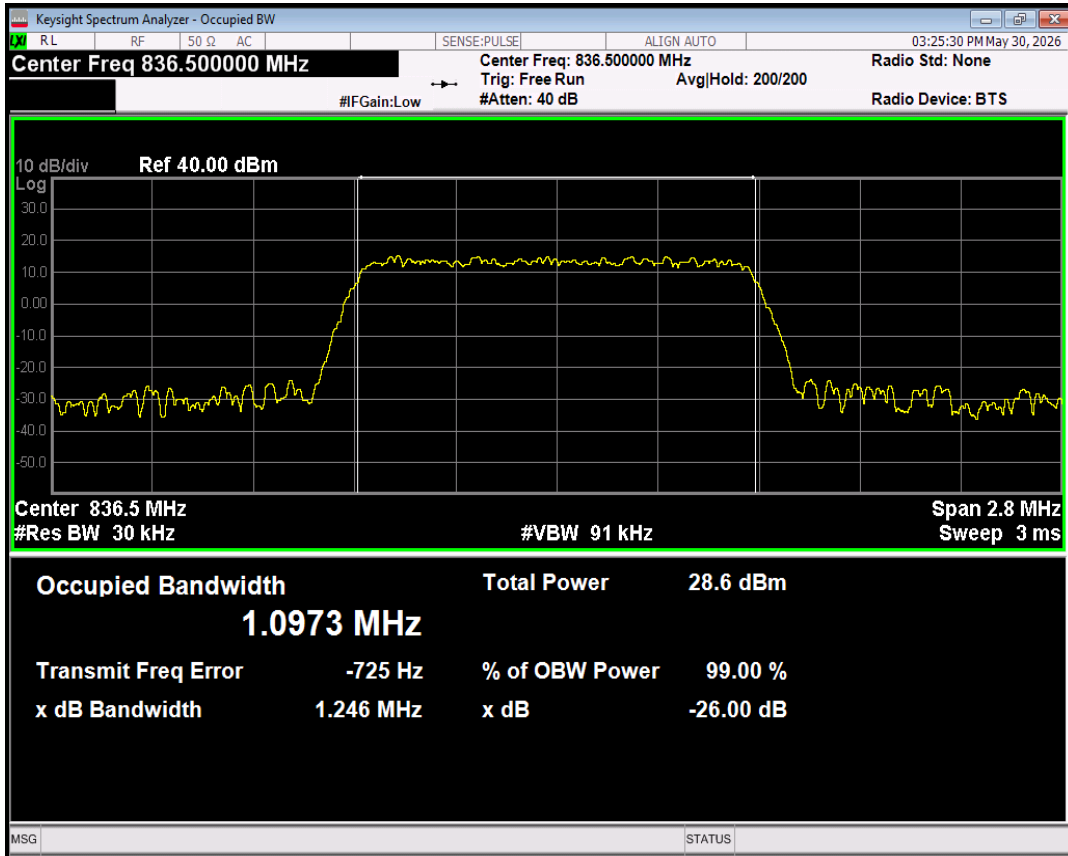
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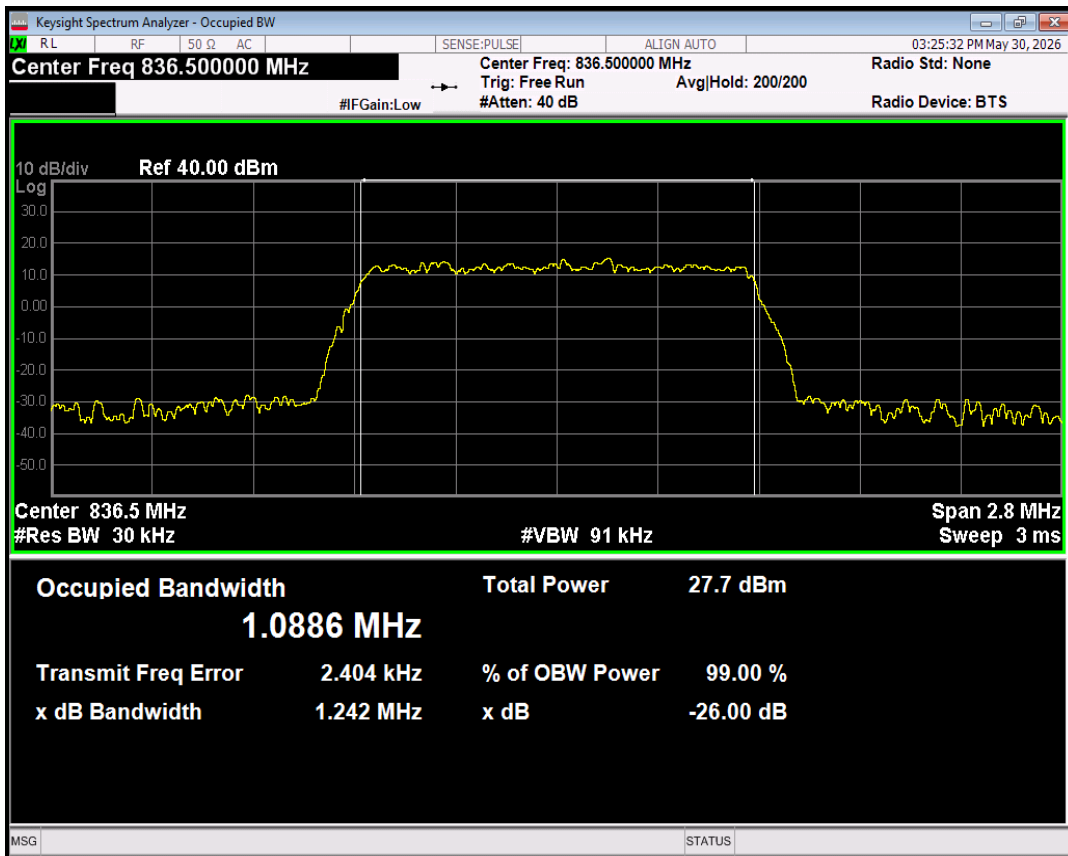
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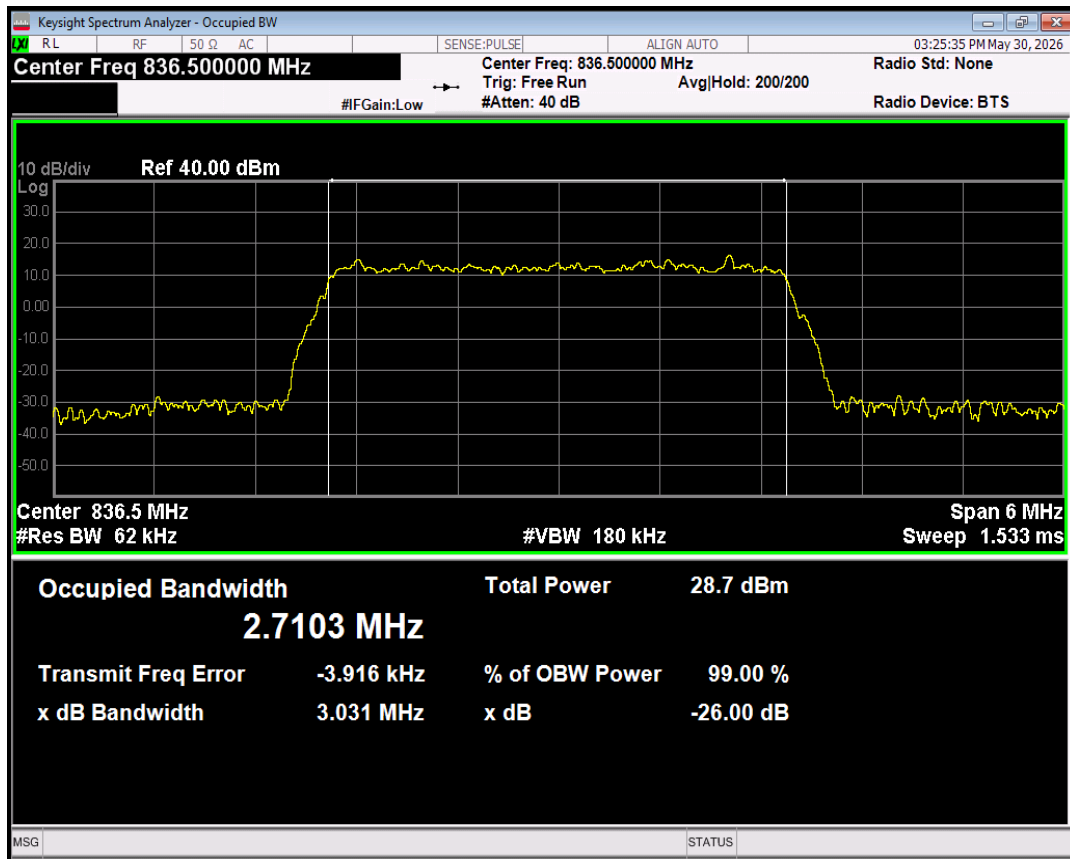
Band5 QPSK BW=1.4MHz Channel=20525 RB Size=6 Position=#0



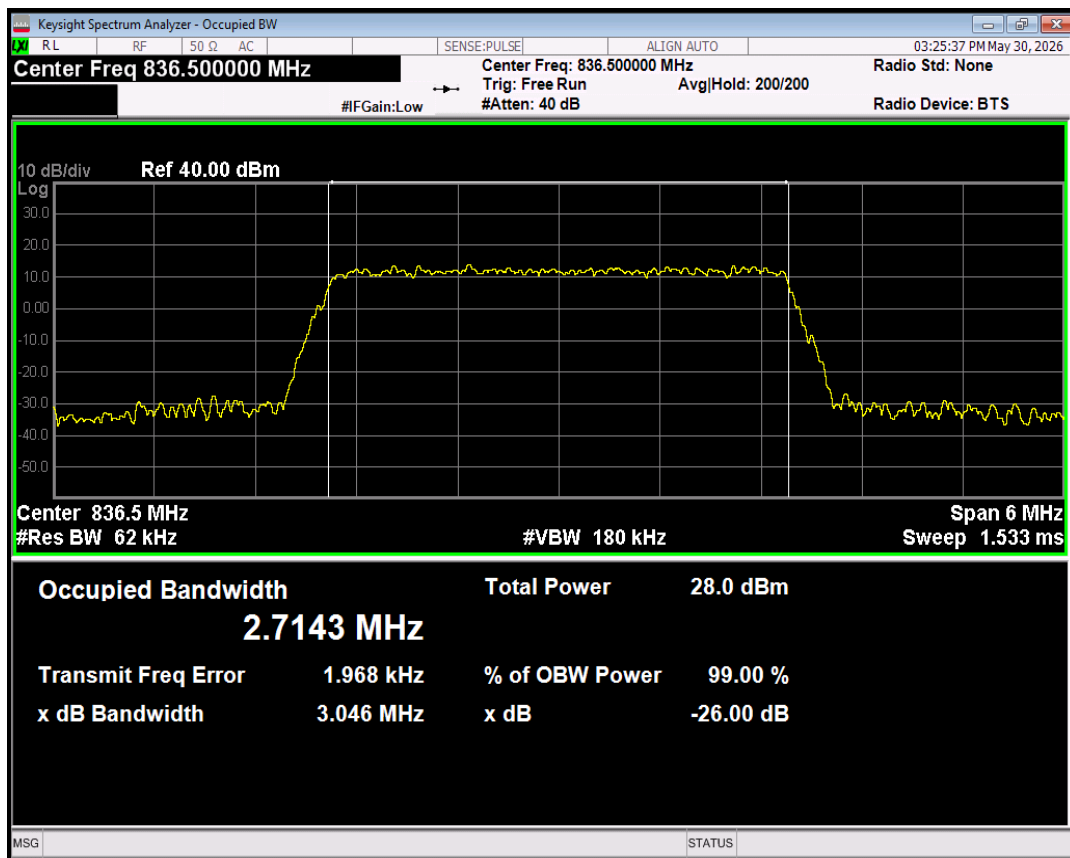
Band5 16QAM BW=1.4MHz Channel=20525 RB Size=6 Position=#0



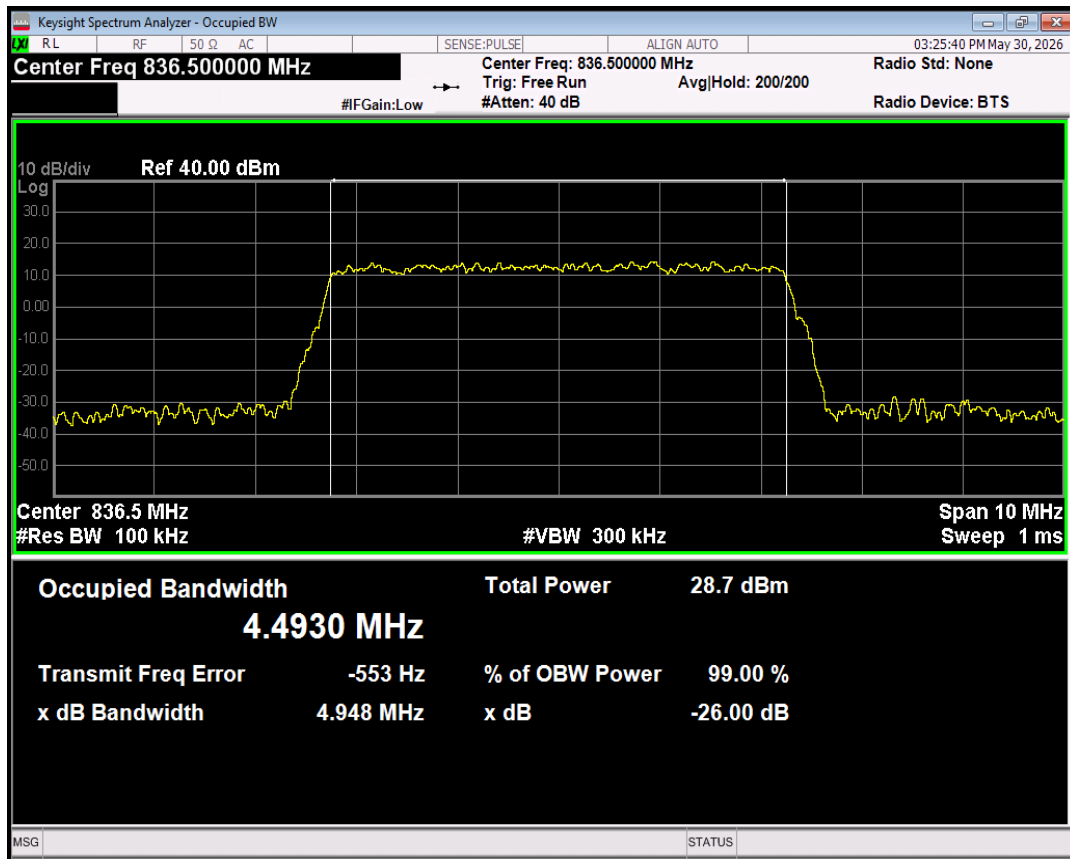
Band5 QPSK BW=3MHz Channel=20525 RB Size=15 Position=#0



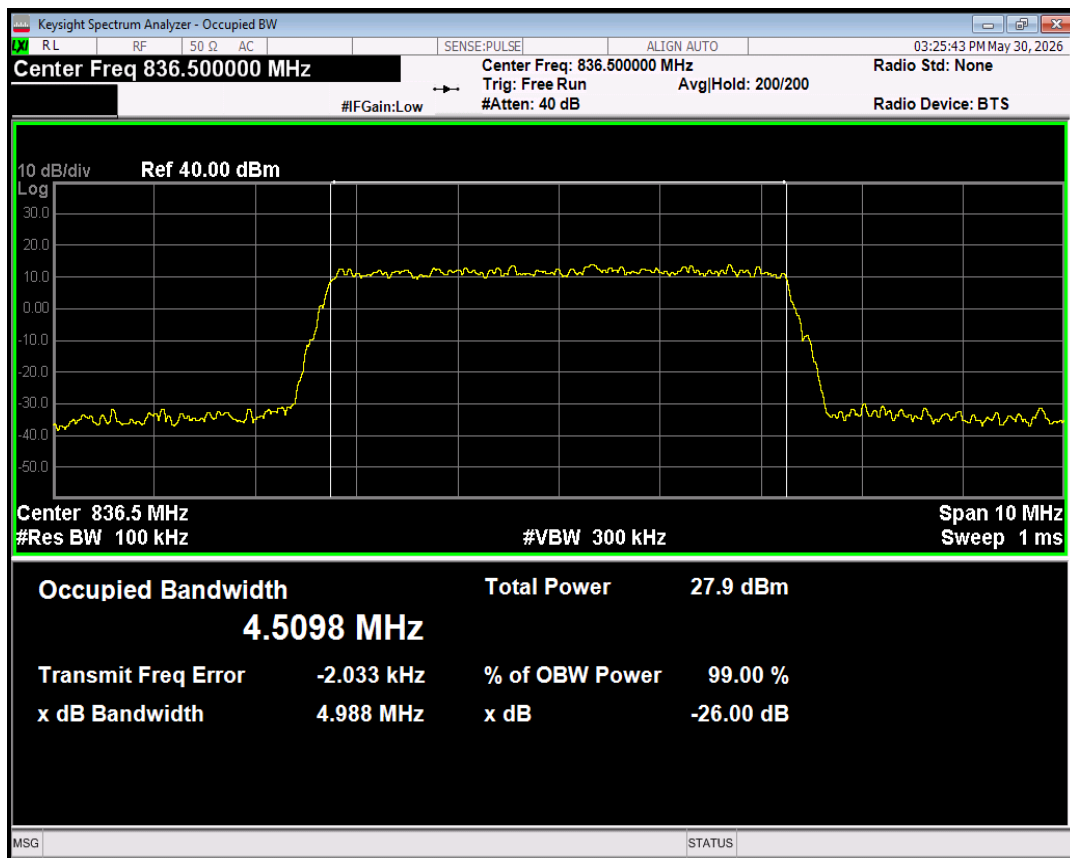
Band5 16QAM BW=3MHz Channel=20525 RB Size=15 Position=#0



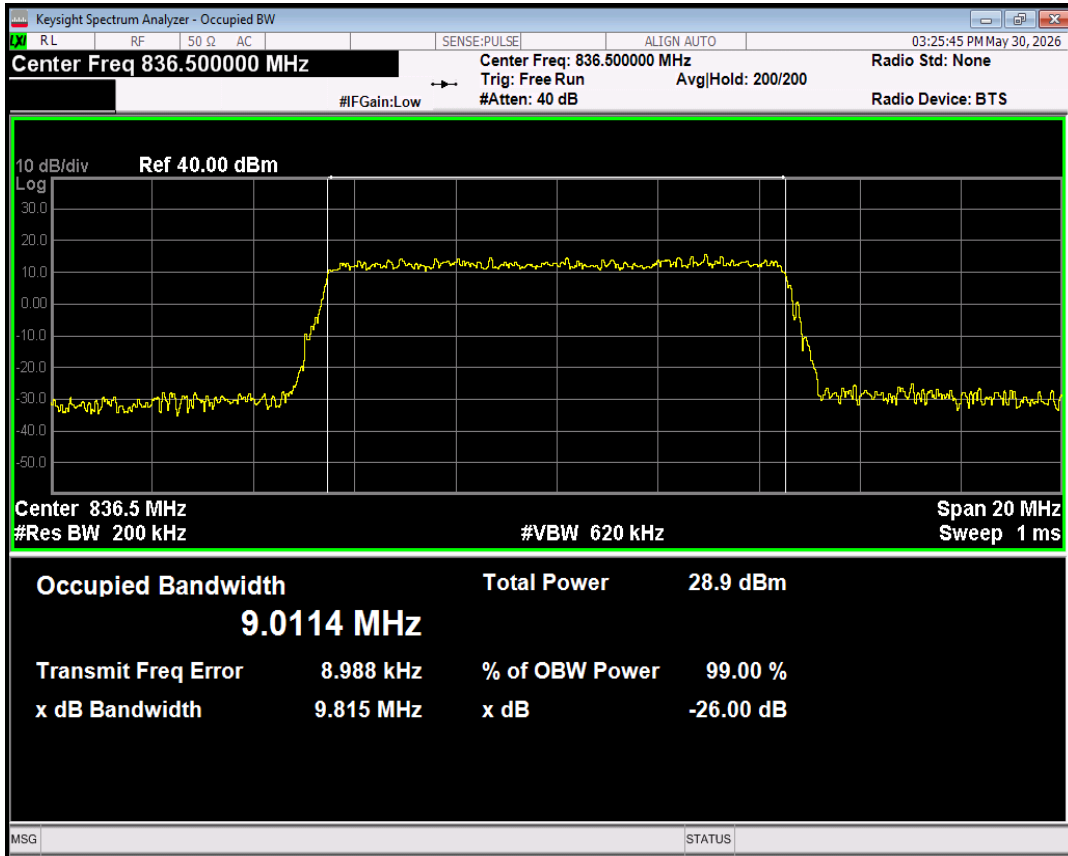
Band5 QPSK BW=5MHz Channel=20525 RB Size=25 Position=#0



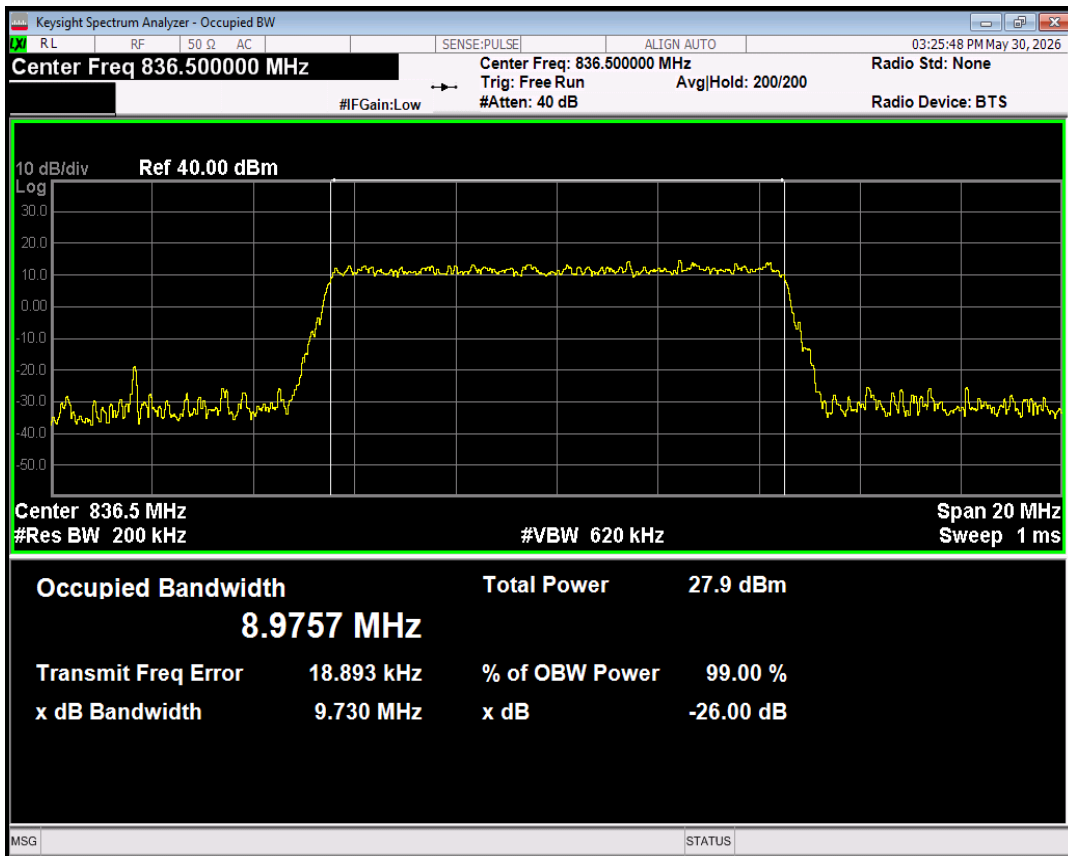
Band5 16QAM BW=5MHz Channel=20525 RB Size=25 Position=#0



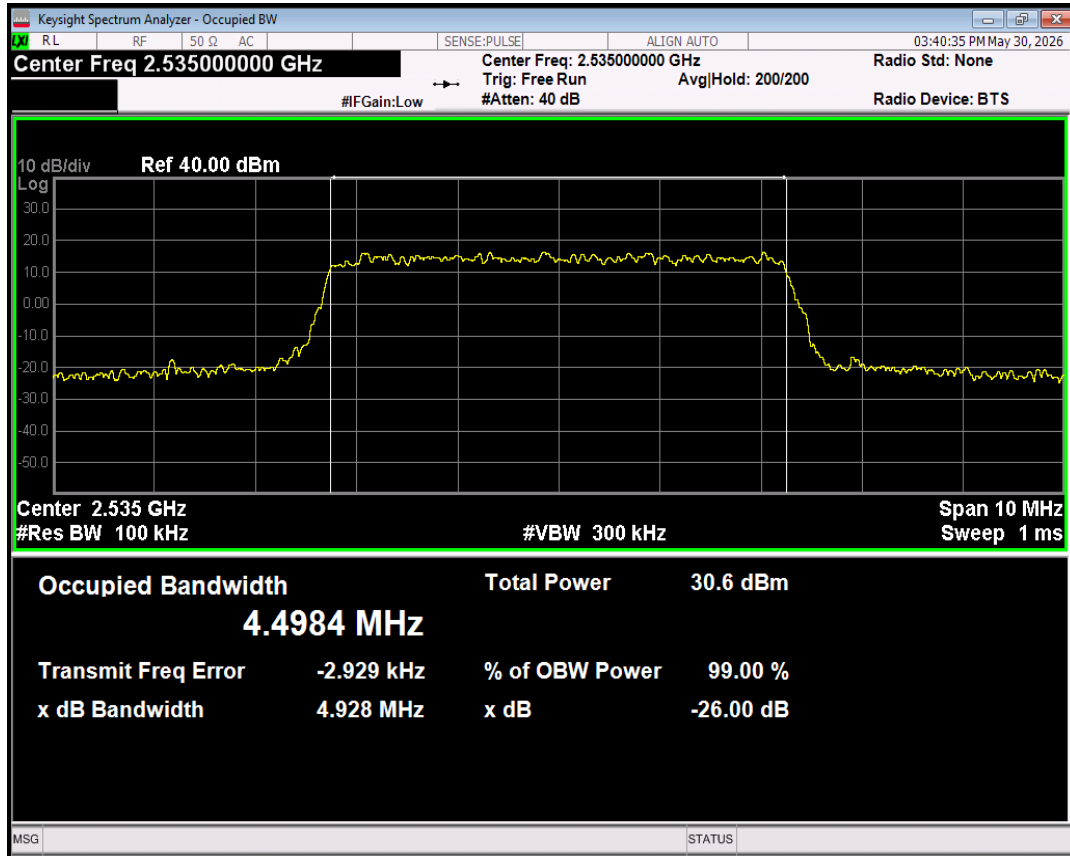
Band5 QPSK BW=10MHz Channel=20525 RB Size=50 Position=#0



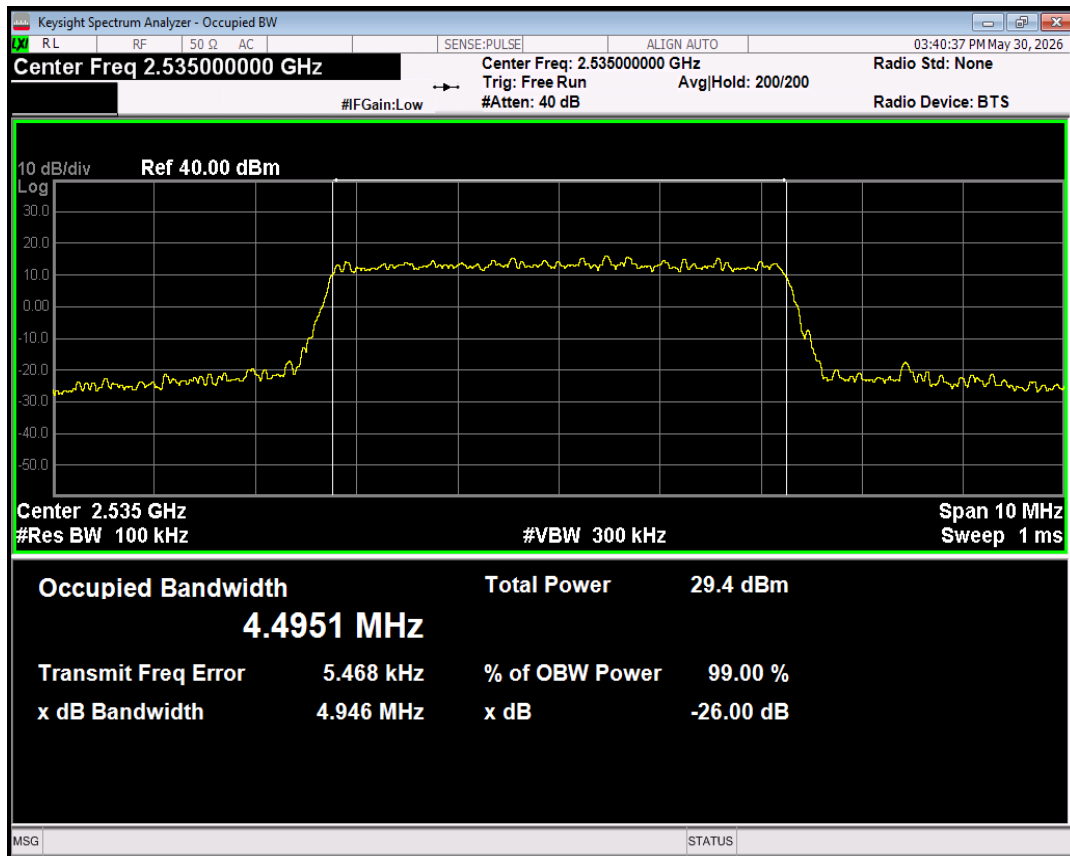
Band5 16QAM BW=10MHz Channel=20525 RB Size=50 Position=#0



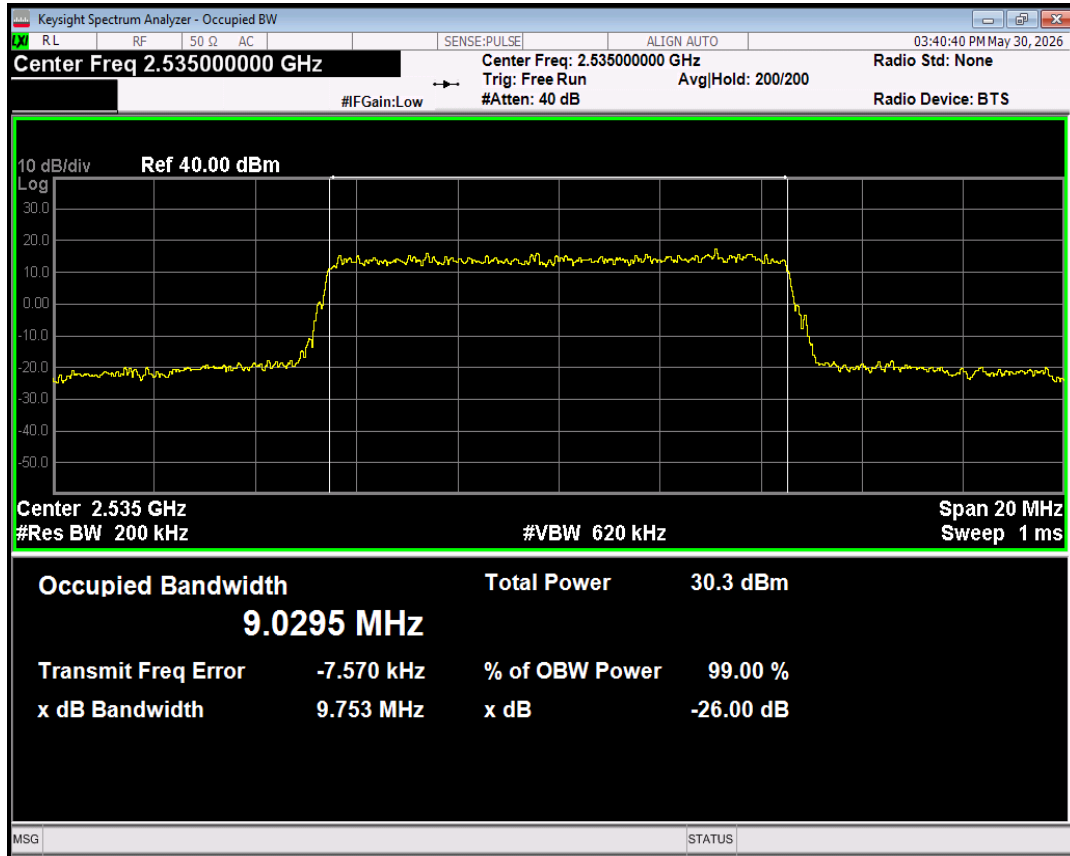
Band7 QPSK BW=5MHz Channel=21100 RB Size=25 Position=#0



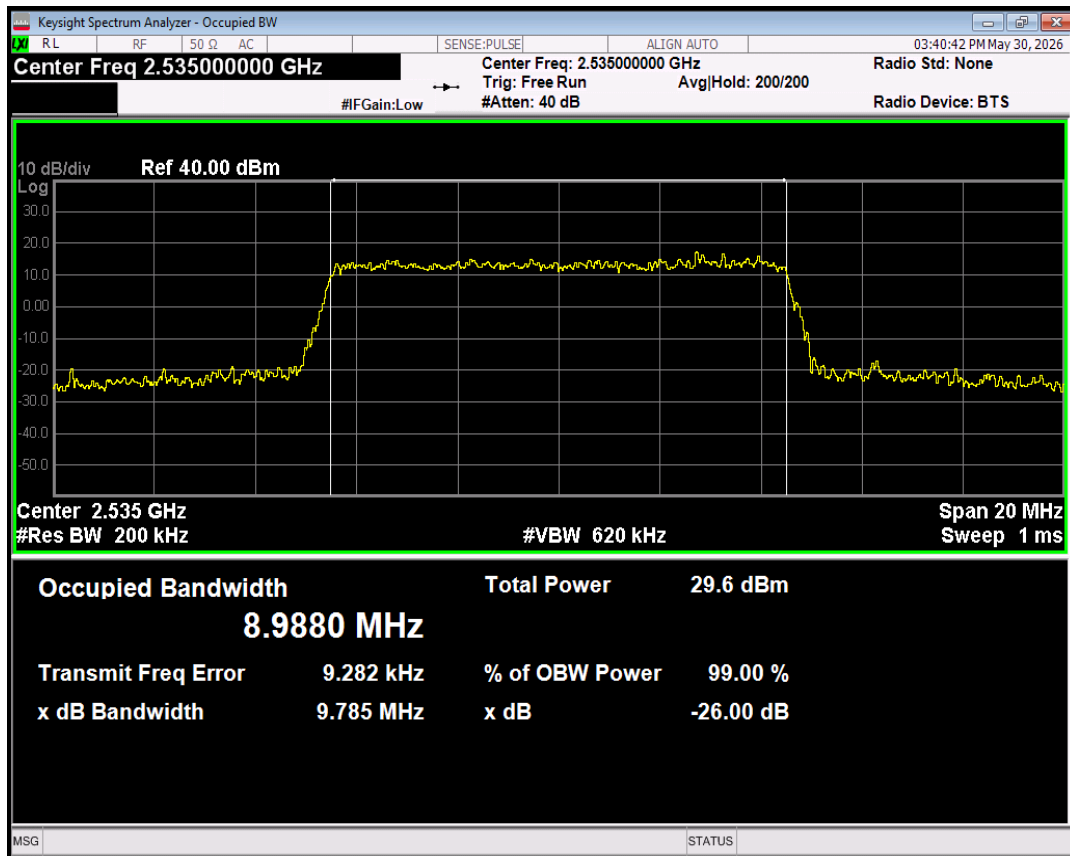
Band7 16QAM BW=5MHz Channel=21100 RB Size=25 Position=#0



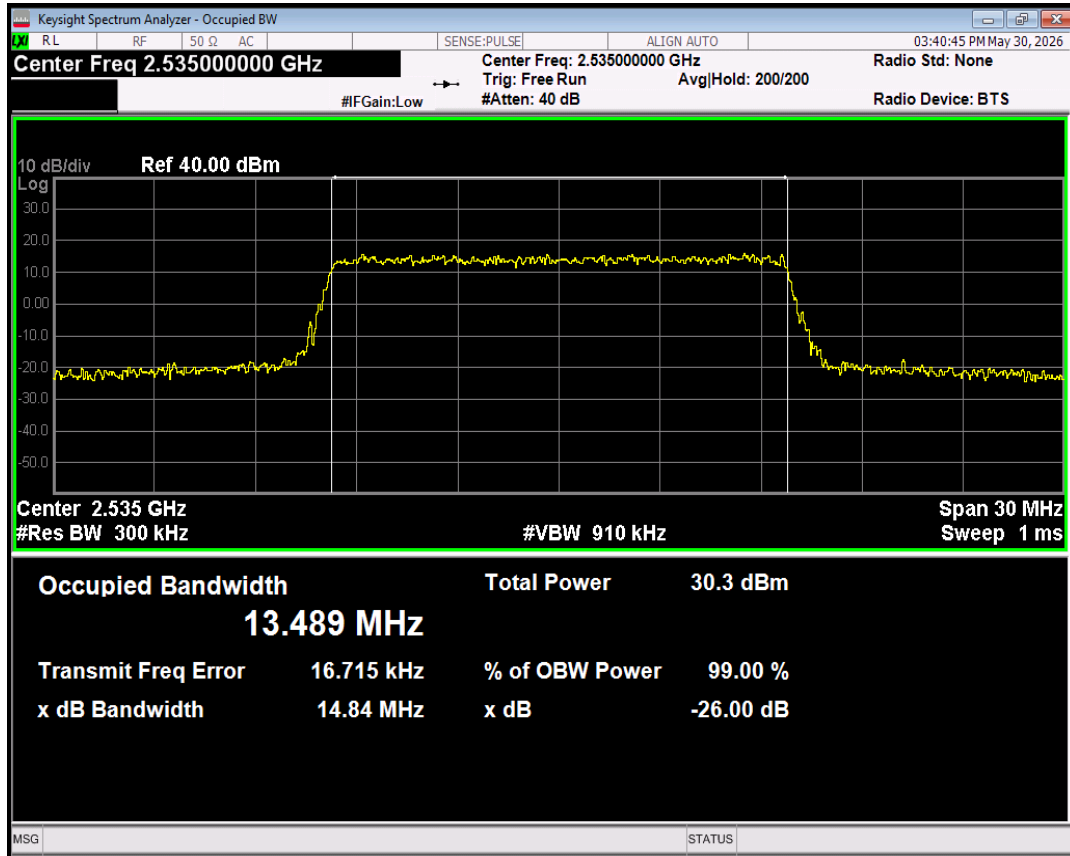
Band7 QPSK BW=10MHz Channel=21100 RB Size=50 Position=#0



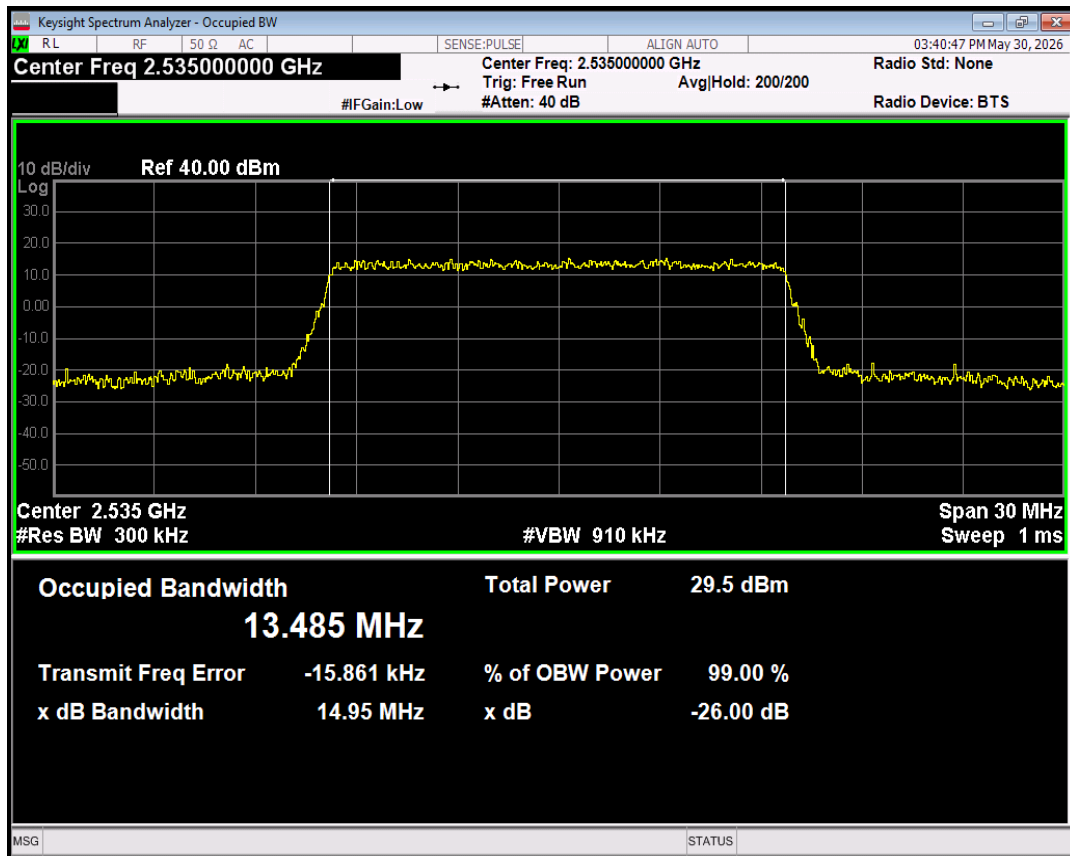
Band7 16QAM BW=10MHz Channel=21100 RB Size=50 Position=#0



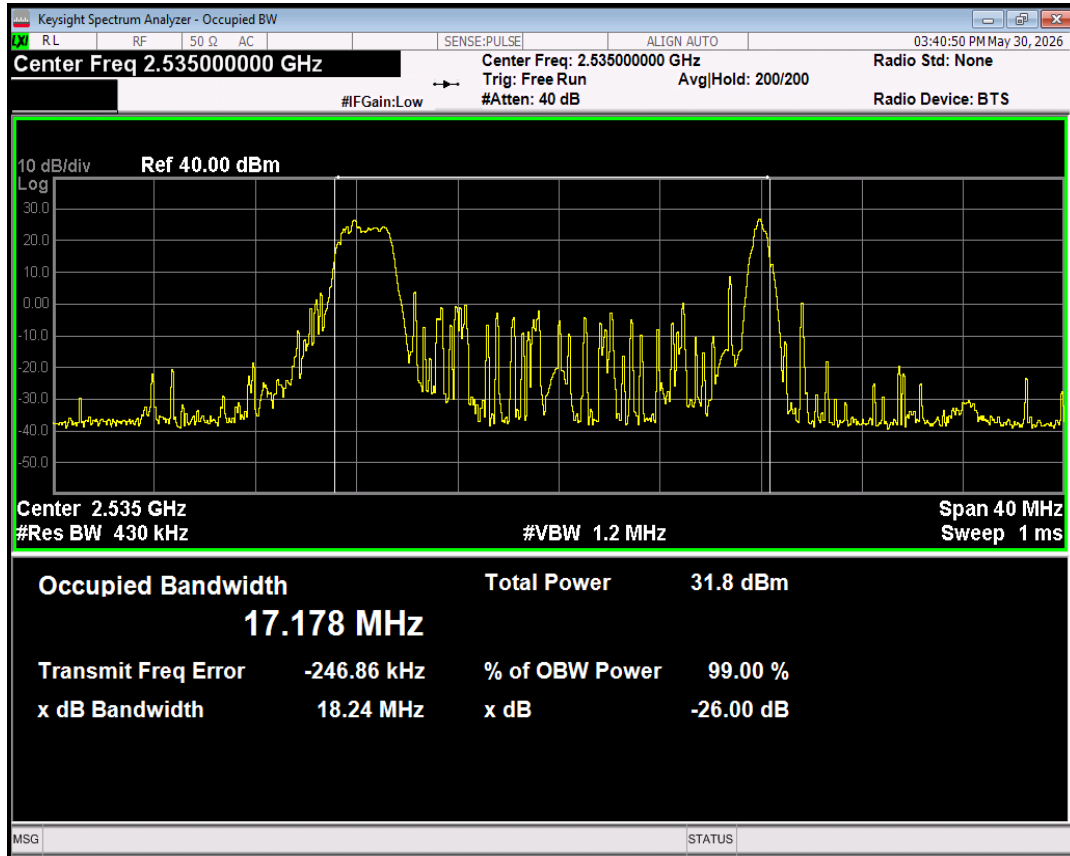
Band7 QPSK BW=15MHz Channel=21100 RB Size=75 Position=#0



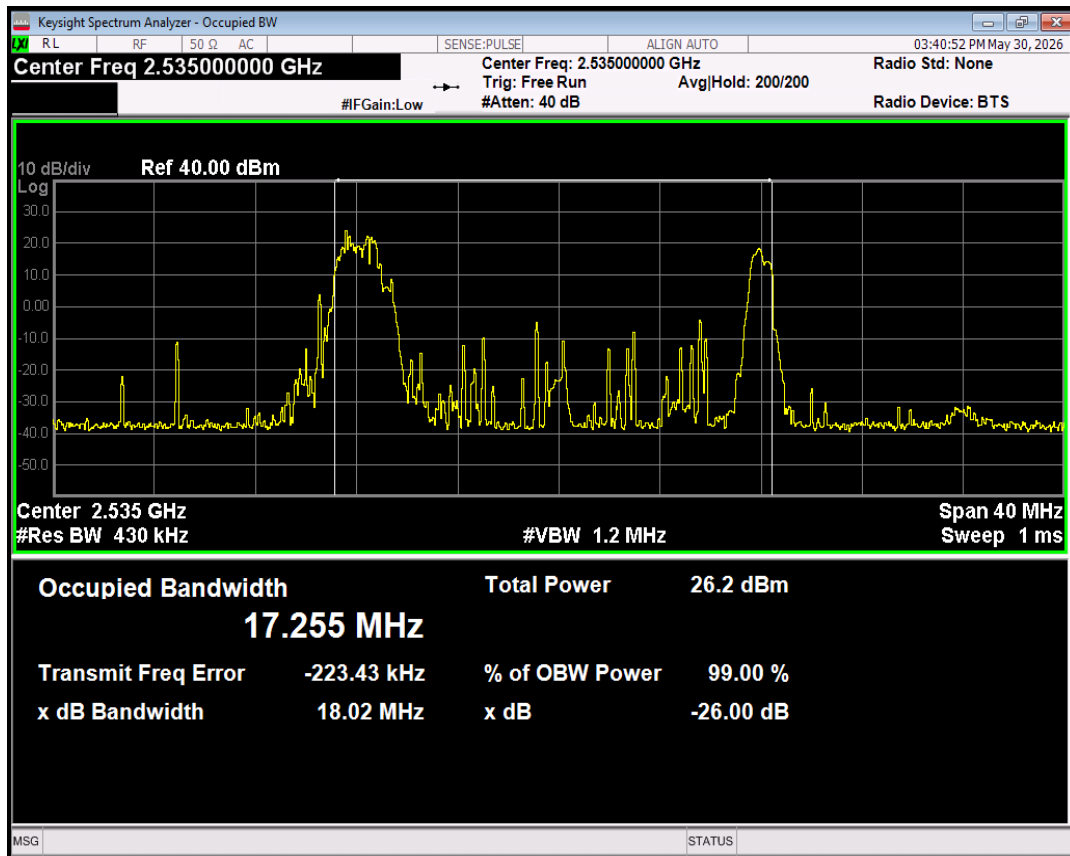
Band7 16QAM BW=15MHz Channel=21100 RB Size=75 Position=#0



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	-30.82	-13	PASS
Band12	1.4	23017	1	#Max	QPSK	700.13	11.85	30	PASS
Band12	1.4	23017	6	#0	QPSK	698.88	-34.81	-13	PASS
Band12	1.4	23017	1	#0	16QAM	698.99	-24.88	-13	PASS
Band12	1.4	23017	1	#Max	16QAM	700.09	10.77	30	PASS
Band12	1.4	23017	6	#0	16QAM	698.89	-34.92	-13	PASS
Band12	1.4	23173	1	#0	QPSK	714.85	11.75	30	PASS
Band12	1.4	23173	1	#Max	QPSK	716.01	-29.19	-13	PASS
Band12	1.4	23173	6	#0	QPSK	716.13	-33.31	-13	PASS
Band12	1.4	23173	1	#0	16QAM	714.79	11.12	30	PASS
Band12	1.4	23173	1	#Max	16QAM	716.00	-26.11	-13	PASS
Band12	1.4	23173	6	#0	16QAM	716.13	-34.26	-13	PASS
Band12	3	23025	1	#0	QPSK	699.00	-18.10	-13	PASS
Band12	3	23025	1	#Max	QPSK	701.71	11.74	30	PASS
Band12	3	23025	15	#0	QPSK	699.00	-28.54	-13	PASS
Band12	3	23025	1	#0	16QAM	699.00	-17.84	-13	PASS
Band12	3	23025	1	#Max	16QAM	699.00	-31.55	-13	PASS
Band12	3	23025	15	#0	16QAM	698.99	-30.44	-13	PASS
Band12	3	23165	1	#0	QPSK	713.27	11.70	30	PASS
Band12	3	23165	1	#Max	QPSK	716.00	-17.89	-13	PASS
Band12	3	23165	15	#0	QPSK	716.00	-28.13	-13	PASS
Band12	3	23165	1	#0	16QAM	716.00	-31.55	-13	PASS
Band12	3	23165	1	#Max	16QAM	716.00	-18.08	-13	PASS
Band12	3	23165	15	#0	16QAM	716.00	-28.43	-13	PASS
Band12	5	23035	1	#0	QPSK	699.00	-26.25	-13	PASS
Band12	5	23035	1	#Max	QPSK	703.68	12.05	30	PASS
Band12	5	23035	25	#0	QPSK	698.99	-36.74	-13	PASS
Band12	5	23035	1	#0	16QAM	698.99	-25.39	-13	PASS
Band12	5	23035	1	#Max	16QAM	703.68	11.04	30	PASS
Band12	5	23035	25	#0	16QAM	698.99	-36.58	-13	PASS
Band12	5	23155	1	#0	QPSK	711.30	12.10	30	PASS
Band12	5	23155	1	#Max	QPSK	716.00	-25.91	-13	PASS
Band12	5	23155	25	#0	QPSK	716.00	-36.58	-13	PASS
Band12	5	23155	1	#0	16QAM	711.29	11.08	30	PASS
Band12	5	23155	1	#Max	16QAM	716.00	-24.02	-13	PASS
Band12	5	23155	25	#0	16QAM	716.00	-38.13	-13	PASS
Band12	10	23060	1	#0	QPSK	699.61	13.74	30	PASS
Band12	10	23060	1	#Max	QPSK	708.41	13.58	30	PASS
Band12	10	23060	50	#0	QPSK	698.86	-42.28	-13	PASS
Band12	10	23060	1	#0	16QAM	699.60	12.65	30	PASS
Band12	10	23060	1	#Max	16QAM	708.34	12.66	30	PASS
Band12	10	23060	50	#0	16QAM	698.76	-42.29	-13	PASS