

Ban d2	10	19150	50	#0	16QAM	NV	50	-0.0 9	0.00 0	-2.5	2.5	PAS S
Ban d2	15	18675	75	#0	QPSK	NV	-30	-4.3 1	-0.0 02	-2.5	2.5	PAS S
Ban d2	15	18675	75	#0	QPSK	NV	-20	-4.9 4	-0.0 03	-2.5	2.5	PAS S
Ban d2	15	18675	75	#0	QPSK	NV	-10	-5.8 9	-0.0 03	-2.5	2.5	PAS S
Ban d2	15	18675	75	#0	QPSK	NV	0	-5.4 1	-0.0 03	-2.5	2.5	PAS S
Ban d2	15	18675	75	#0	QPSK	NV	10	-5.8 5	-0.0 03	-2.5	2.5	PAS S
Ban d2	15	18675	75	#0	QPSK	NV	20	-5.6 2	-0.0 03	-2.5	2.5	PAS S
Ban d2	15	18675	75	#0	QPSK	NV	30	-6.4 1	-0.0 03	-2.5	2.5	PAS S
Ban d2	15	18675	75	#0	QPSK	NV	40	-6.11	-0.0 03	-2.5	2.5	PAS S
Ban d2	15	18675	75	#0	QPSK	NV	50	-5.9 8	-0.0 03	-2.5	2.5	PAS S
Ban d2	15	18675	75	#0	16QAM	NV	-30	-2.5 2	-0.0 01	-2.5	2.5	PAS S
Ban d2	15	18675	75	#0	16QAM	NV	-20	-4.0 8	-0.0 02	-2.5	2.5	PAS S
Ban d2	15	18675	75	#0	16QAM	NV	-10	-3.6 6	-0.0 02	-2.5	2.5	PAS S
Ban d2	15	18675	75	#0	16QAM	NV	0	-5.7 9	-0.0 03	-2.5	2.5	PAS S
Ban d2	15	18675	75	#0	16QAM	NV	10	-4.0 9	-0.0 02	-2.5	2.5	PAS S
Ban d2	15	18675	75	#0	16QAM	NV	20	-4.2 9	-0.0 02	-2.5	2.5	PAS S
Ban d2	15	18675	75	#0	16QAM	NV	30	-4.8 8	-0.0 03	-2.5	2.5	PAS S
Ban d2	15	18675	75	#0	16QAM	NV	40	-3.1 5	-0.0 02	-2.5	2.5	PAS S
Ban d2	15	18675	75	#0	16QAM	NV	50	-3.3 0	-0.0 02	-2.5	2.5	PAS S
Ban d2	15	18900	75	#0	QPSK	NV	-30	-3.1 5	-0.0 02	-2.5	2.5	PAS S
Ban d2	15	18900	75	#0	QPSK	NV	-20	-4.7 9	-0.0 03	-2.5	2.5	PAS S
Ban d2	15	18900	75	#0	QPSK	NV	-10	-4.4 9	-0.0 02	-2.5	2.5	PAS S

Ban d2	15	18900	75	#0	QPSK	NV	0	-4.0 1	-0.0 02	-2.5	2.5	PAS S
Ban d2	15	18900	75	#0	QPSK	NV	10	-3.7 3	-0.0 02	-2.5	2.5	PAS S
Ban d2	15	18900	75	#0	QPSK	NV	20	-3.6 9	-0.0 02	-2.5	2.5	PAS S
Ban d2	15	18900	75	#0	QPSK	NV	30	-3.0 8	-0.0 02	-2.5	2.5	PAS S
Ban d2	15	18900	75	#0	QPSK	NV	40	-4.3 6	-0.0 02	-2.5	2.5	PAS S
Ban d2	15	18900	75	#0	QPSK	NV	50	-3.7 5	-0.0 02	-2.5	2.5	PAS S
Ban d2	15	18900	75	#0	16QAM	NV	-30	-4.0 3	-0.0 02	-2.5	2.5	PAS S
Ban d2	15	18900	75	#0	16QAM	NV	-20	-2.9 2	-0.0 02	-2.5	2.5	PAS S
Ban d2	15	18900	75	#0	16QAM	NV	-10	-4.0 5	-0.0 02	-2.5	2.5	PAS S
Ban d2	15	18900	75	#0	16QAM	NV	0	-3.5 5	-0.0 02	-2.5	2.5	PAS S
Ban d2	15	18900	75	#0	16QAM	NV	10	-4.4 3	-0.0 02	-2.5	2.5	PAS S
Ban d2	15	18900	75	#0	16QAM	NV	20	-4.3 8	-0.0 02	-2.5	2.5	PAS S
Ban d2	15	18900	75	#0	16QAM	NV	30	-4.4 1	-0.0 02	-2.5	2.5	PAS S
Ban d2	15	18900	75	#0	16QAM	NV	40	-2.9 3	-0.0 02	-2.5	2.5	PAS S
Ban d2	15	18900	75	#0	16QAM	NV	50	-2.9 6	-0.0 02	-2.5	2.5	PAS S
Ban d2	15	19125	75	#0	QPSK	NV	-30	-3.5 6	-0.0 02	-2.5	2.5	PAS S
Ban d2	15	19125	75	#0	QPSK	NV	-20	-3.4 8	-0.0 02	-2.5	2.5	PAS S
Ban d2	15	19125	75	#0	QPSK	NV	-10	-4.6 3	-0.0 02	-2.5	2.5	PAS S
Ban d2	15	19125	75	#0	QPSK	NV	0	-4.0 9	-0.0 02	-2.5	2.5	PAS S
Ban d2	15	19125	75	#0	QPSK	NV	10	-3.5 8	-0.0 02	-2.5	2.5	PAS S
Ban d2	15	19125	75	#0	QPSK	NV	20	-3.1 2	-0.0 02	-2.5	2.5	PAS S
Ban d2	15	19125	75	#0	QPSK	NV	30	-3.9 3	-0.0 02	-2.5	2.5	PAS S

Ban d2	15	19125	75	#0	QPSK	NV	40	-4.0 5	-0.0 02	-2.5	2.5	PAS S
Ban d2	15	19125	75	#0	QPSK	NV	50	-4.8 1	-0.0 03	-2.5	2.5	PAS S
Ban d2	15	19125	75	#0	16QAM	NV	-30	-3.4 3	-0.0 02	-2.5	2.5	PAS S
Ban d2	15	19125	75	#0	16QAM	NV	-20	-3.4 0	-0.0 02	-2.5	2.5	PAS S
Ban d2	15	19125	75	#0	16QAM	NV	-10	-3.9 1	-0.0 02	-2.5	2.5	PAS S
Ban d2	15	19125	75	#0	16QAM	NV	0	-4.0 1	-0.0 02	-2.5	2.5	PAS S
Ban d2	15	19125	75	#0	16QAM	NV	10	-3.9 3	-0.0 02	-2.5	2.5	PAS S
Ban d2	15	19125	75	#0	16QAM	NV	20	-4.0 9	-0.0 02	-2.5	2.5	PAS S
Ban d2	15	19125	75	#0	16QAM	NV	30	0.00	0.00 0	-2.5	2.5	PAS S
Ban d2	15	19125	75	#0	16QAM	NV	40	0.00	0.00 0	-2.5	2.5	PAS S
Ban d2	15	19125	75	#0	16QAM	NV	50	0.00	0.00 0	-2.5	2.5	PAS S
Ban d2	20	18700	10 0	#0	QPSK	NV	-30	-0.1 0	0.00 0	-2.5	2.5	PAS S
Ban d2	20	18700	10 0	#0	QPSK	NV	-20	-0.5 7	0.00 0	-2.5	2.5	PAS S
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Ban d2	20	18700	10 0	#0	QPSK	NV	20	0.03	0.00 0	-2.5	2.5	PAS S
Ban d2	20	18700	10 0	#0	QPSK	NV	30	-0.0 1	0.00 0	-2.5	2.5	PAS S
Ban d2	20	18700	10 0	#0	QPSK	NV	40	0.34	0.00 0	-2.5	2.5	PAS S
Ban d2	20	18700	10 0	#0	QPSK	NV	50	0.99	0.00 1	-2.5	2.5	PAS S
Ban d2	20	18700	10 0	#0	16QAM	NV	-30	-0.6 9	0.00 0	-2.5	2.5	PAS S
Ban d2	20	18700	10 0	#0	16QAM	NV	-20	-1.8 9	-0.0 01	-2.5	2.5	PAS S

Ban d2	20	18700	10 0	#0	16QAM	NV	-10	0.31	0.00 0	-2.5	2.5	PAS S
Ban d2	20	18700	10 0	#0	16QAM	NV	0	-0.5 7	0.00 0	-2.5	2.5	PAS S
Ban d2	20	18700	10 0	#0	16QAM	NV	10	-0.4 7	0.00 0	-2.5	2.5	PAS S
Ban d2	20	18700	10 0	#0	16QAM	NV	20	0.39	0.00 0	-2.5	2.5	PAS S
Ban d2	20	18700	10 0	#0	16QAM	NV	30	-0.8 9	0.00 0	-2.5	2.5	PAS S
Ban d2	20	18700	10 0	#0	16QAM	NV	40	-0.3 3	0.00 0	-2.5	2.5	PAS S
Ban d2	20	18700	10 0	#0	16QAM	NV	50	0.06	0.00 0	-2.5	2.5	PAS S
Ban d2	20	18900	10 0	#0	QPSK	NV	-30	-3.9 9	-0.0 02	-2.5	2.5	PAS S
Ban d2	20	18900	10 0	#0	QPSK	NV	-20	-3.8 1	-0.0 02	-2.5	2.5	PAS S
Ban d2	20	18900	10 0	#0	QPSK	NV	-10	-4.6 5	-0.0 02	-2.5	2.5	PAS S
Ban d2	20	18900	10 0	#0	QPSK	NV	0	-2.9 5	-0.0 02	-2.5	2.5	PAS S
Ban d2	20	18900	10 0	#0	QPSK	NV	10	-4.0 1	-0.0 02	-2.5	2.5	PAS S
Ban d2	20	18900	10 0	#0	QPSK	NV	20	-4.0 3	-0.0 02	-2.5	2.5	PAS S
Ban d2	20	18900	10 0	#0	QPSK	NV	30	-4.0 5	-0.0 02	-2.5	2.5	PAS S
Ban d2	20	18900	10 0	#0	QPSK	NV	40	-3.9 9	-0.0 02	-2.5	2.5	PAS S
Ban d2	20	18900	10 0	#0	QPSK	NV	50	-4.4 6	-0.0 02	-2.5	2.5	PAS S
Ban d2	20	18900	10 0	#0	16QAM	NV	-30	-4.7 2	-0.0 03	-2.5	2.5	PAS S
Ban d2	20	18900	10 0	#0	16QAM	NV	-20	-4.0 9	-0.0 02	-2.5	2.5	PAS S
Ban d2	20	18900	10 0	#0	16QAM	NV	-10	-2.6 8	-0.0 01	-2.5	2.5	PAS S
Ban d2	20	18900	10 0	#0	16QAM	NV	0	-3.4 5	-0.0 02	-2.5	2.5	PAS S
Ban d2	20	18900	10 0	#0	16QAM	NV	10	-4.2 6	-0.0 02	-2.5	2.5	PAS S
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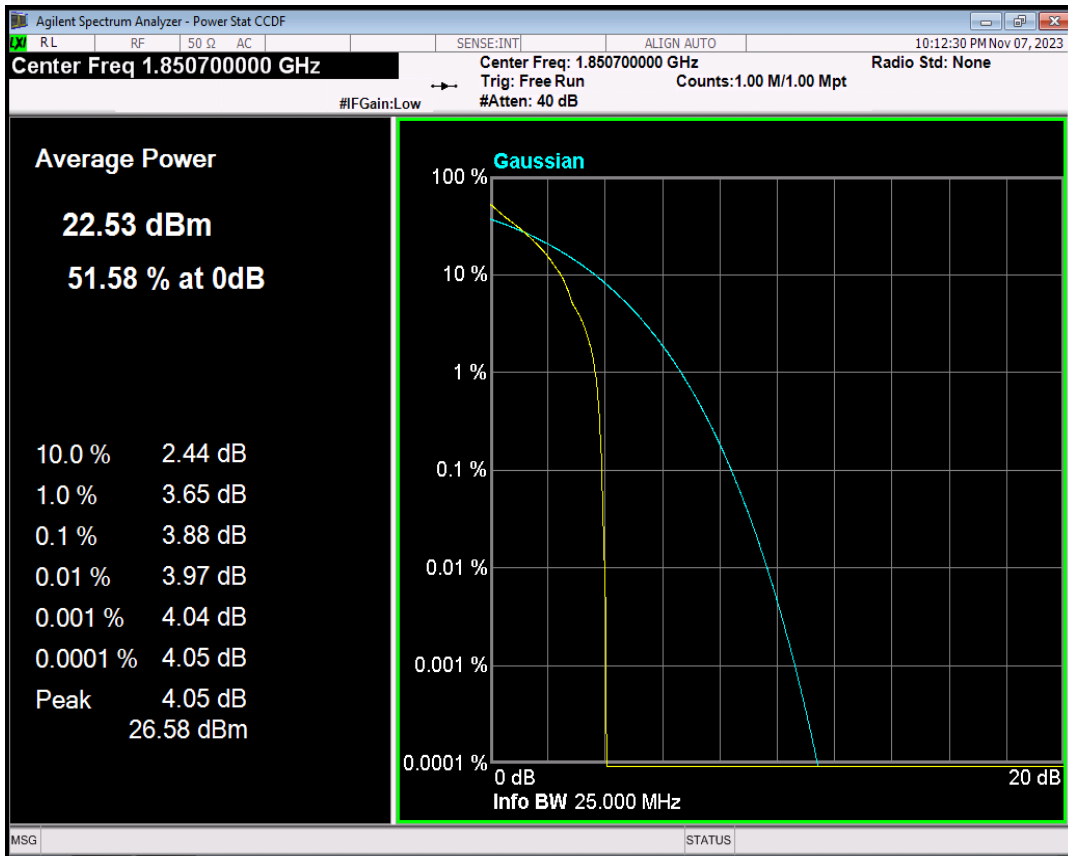
Band2	20	18900	100	#0	16QAM	NV	30	-3.19	-0.002	-2.5	2.5	PASS
Band2	20	18900	100	#0	16QAM	NV	40	-4.26	-0.002	-2.5	2.5	PASS
Band2	20	18900	100	#0	16QAM	NV	50	-2.49	-0.001	-2.5	2.5	PASS
Band2	20	19100	100	#0	QPSK	NV	-30	-2.25	-0.001	-2.5	2.5	PASS
Band2	20	19100	100	#0	QPSK	NV	-20	-3.06	-0.002	-2.5	2.5	PASS
Band2	20	19100	100	#0	QPSK	NV	-10	-4.23	-0.002	-2.5	2.5	PASS
Band2	20	19100	100	#0	QPSK	NV	0	-3.06	-0.002	-2.5	2.5	PASS
Band2	20	19100	100	#0	QPSK	NV	10	-3.08	-0.002	-2.5	2.5	PASS
Band2	20	19100	100	#0	QPSK	NV	20	-3.26	-0.002	-2.5	2.5	PASS
Band2	20	19100	100	#0	QPSK	NV	30	-3.03	-0.002	-2.5	2.5	PASS
Band2	20	19100	100	#0	QPSK	NV	40	-1.86	-0.001	-2.5	2.5	PASS
Band2	20	19100	100	#0	QPSK	NV	50	-2.88	-0.002	-2.5	2.5	PASS
Band2	20	19100	100	#0	16QAM	NV	-30	-4.79	-0.003	-2.5	2.5	PASS
Band2	20	19100	100	#0	16QAM	NV	-20	-4.73	-0.002	-2.5	2.5	PASS
Band2	20	19100	100	#0	16QAM	NV	-10	-5.32	-0.003	-2.5	2.5	PASS
Band2	20	19100	100	#0	16QAM	NV	0	-4.28	-0.002	-2.5	2.5	PASS
Band2	20	19100	100	#0	16QAM	NV	10	-5.39	-0.003	-2.5	2.5	PASS
Band2	20	19100	100	#0	16QAM	NV	20	-5.35	-0.003	-2.5	2.5	PASS
Band2	20	19100	100	#0	16QAM	NV	30	-4.49	-0.002	-2.5	2.5	PASS
Band2	20	19100	100	#0	16QAM	NV	40	-3.39	-0.002	-2.5	2.5	PASS
Band2	20	19100	100	#0	16QAM	NV	50	-3.10	-0.002	-2.5	2.5	PASS



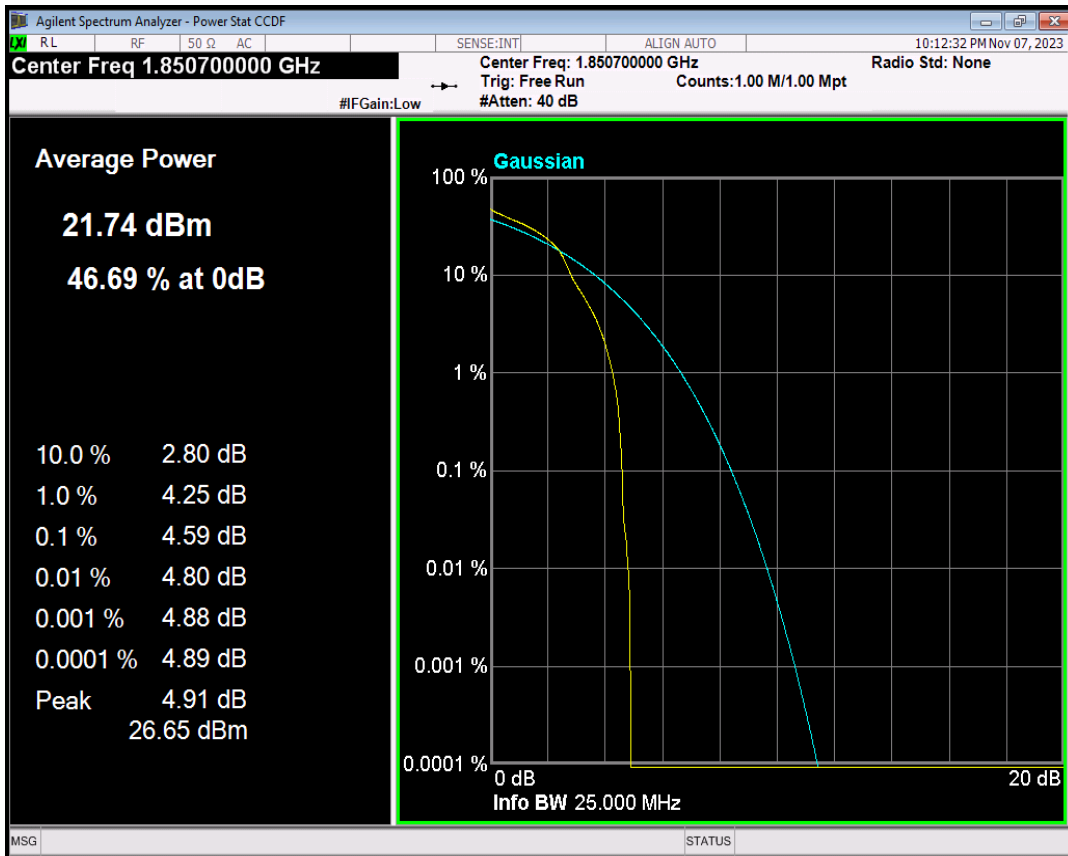
### Appendix 3. Peak-to-Average Ratio

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
Band2	1.4	18607	1	#0	QPSK	3.88	13	PASS
Band2	1.4	18607	1	#0	16QAM	4.59	13	PASS
Band2	1.4	18900	1	#0	QPSK	4.60	13	PASS
Band2	1.4	18900	1	#0	16QAM	5.48	13	PASS
Band2	1.4	19193	1	#0	QPSK	3.50	13	PASS
Band2	1.4	19193	1	#0	16QAM	4.37	13	PASS
Band2	3	18615	1	#0	QPSK	3.84	13	PASS
Band2	3	18615	1	#0	16QAM	4.72	13	PASS
Band2	3	18900	1	#0	QPSK	4.66	13	PASS
Band2	3	18900	1	#0	16QAM	5.57	13	PASS
Band2	3	19185	1	#0	QPSK	3.80	13	PASS
Band2	3	19185	1	#0	16QAM	4.53	13	PASS
Band2	5	18625	1	#0	QPSK	3.75	13	PASS
Band2	5	18625	1	#0	16QAM	4.67	13	PASS
Band2	5	18900	1	#0	QPSK	4.81	13	PASS
Band2	5	18900	1	#0	16QAM	5.43	13	PASS
Band2	5	19175	1	#0	QPSK	4.27	13	PASS
Band2	5	19175	1	#0	16QAM	5.05	13	PASS
Band2	10	18650	1	#0	QPSK	3.74	13	PASS
Band2	10	18650	1	#0	16QAM	4.67	13	PASS
Band2	10	18900	1	#0	QPSK	5.10	13	PASS
Band2	10	18900	1	#0	16QAM	6.00	13	PASS
Band2	10	19150	1	#0	QPSK	5.07	13	PASS
Band2	10	19150	1	#0	16QAM	5.80	13	PASS
Band2	15	18675	1	#0	QPSK	3.72	13	PASS
Band2	15	18675	1	#0	16QAM	4.63	13	PASS
Band2	15	18900	1	#0	QPSK	5.22	13	PASS
Band2	15	18900	1	#0	16QAM	6.21	13	PASS
Band2	15	19125	1	#0	QPSK	5.21	13	PASS
Band2	15	19125	1	#0	16QAM	5.89	13	PASS
Band2	20	18700	1	#0	QPSK	3.79	13	PASS
Band2	20	18700	1	#0	16QAM	4.46	13	PASS
Band2	20	18900	1	#0	QPSK	5.36	13	PASS
Band2	20	18900	1	#0	16QAM	6.31	13	PASS
Band2	20	19100	1	#0	QPSK	5.03	13	PASS
Band2	20	19100	1	#0	16QAM	6.01	13	PASS

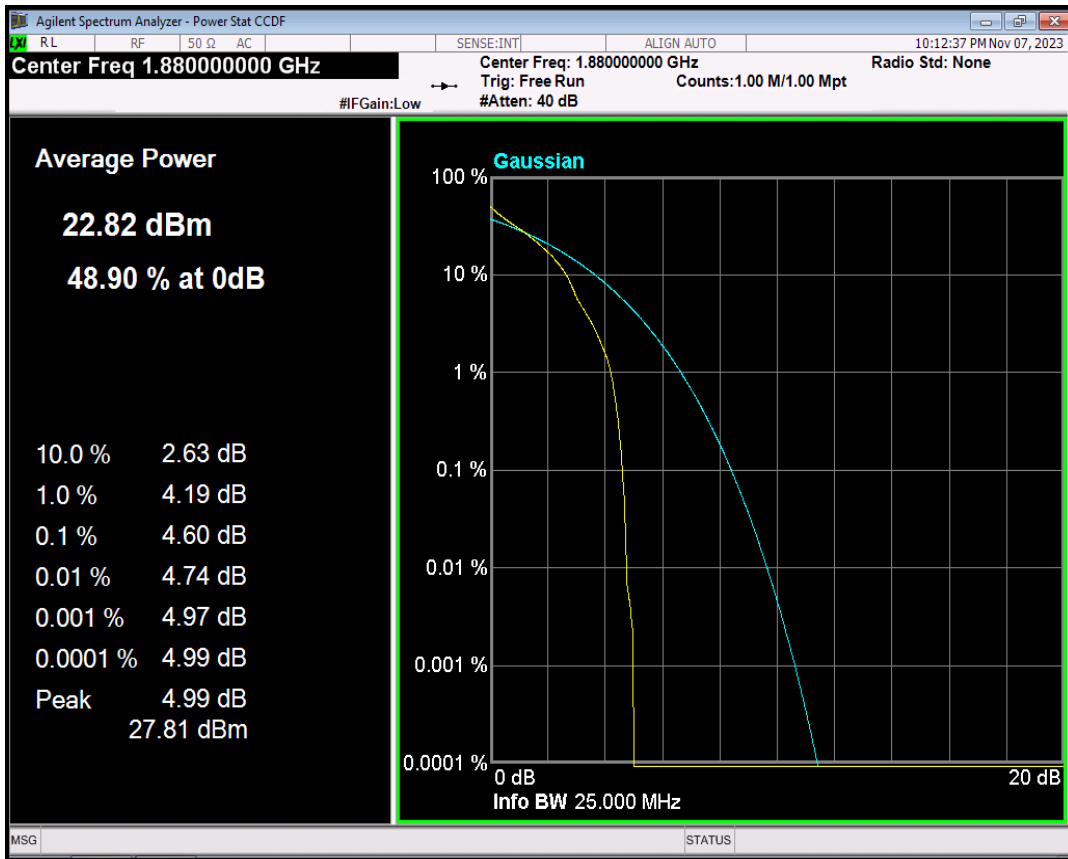
## Band2 QPSK BW=1.4MHz Channel=18607 RB Size=1 Position=#0



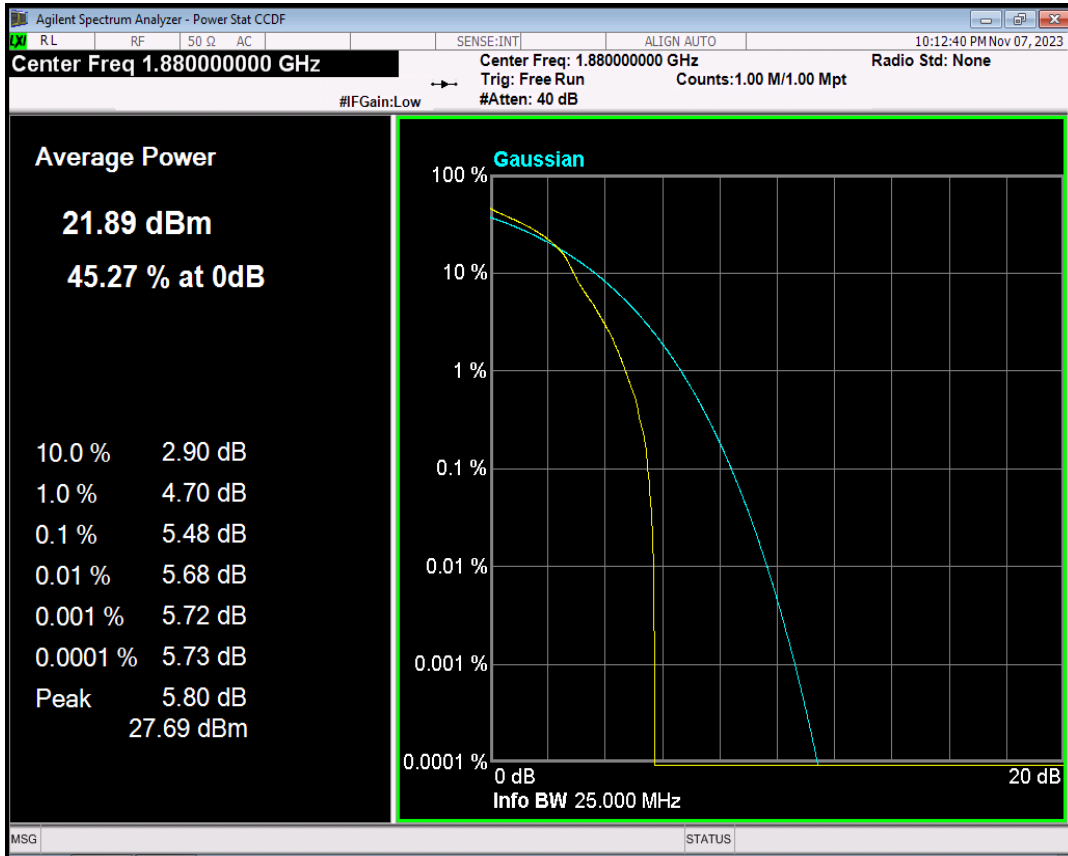
## Band2 16QAM BW=1.4MHz Channel=18607 RB Size=1 Position=#0



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

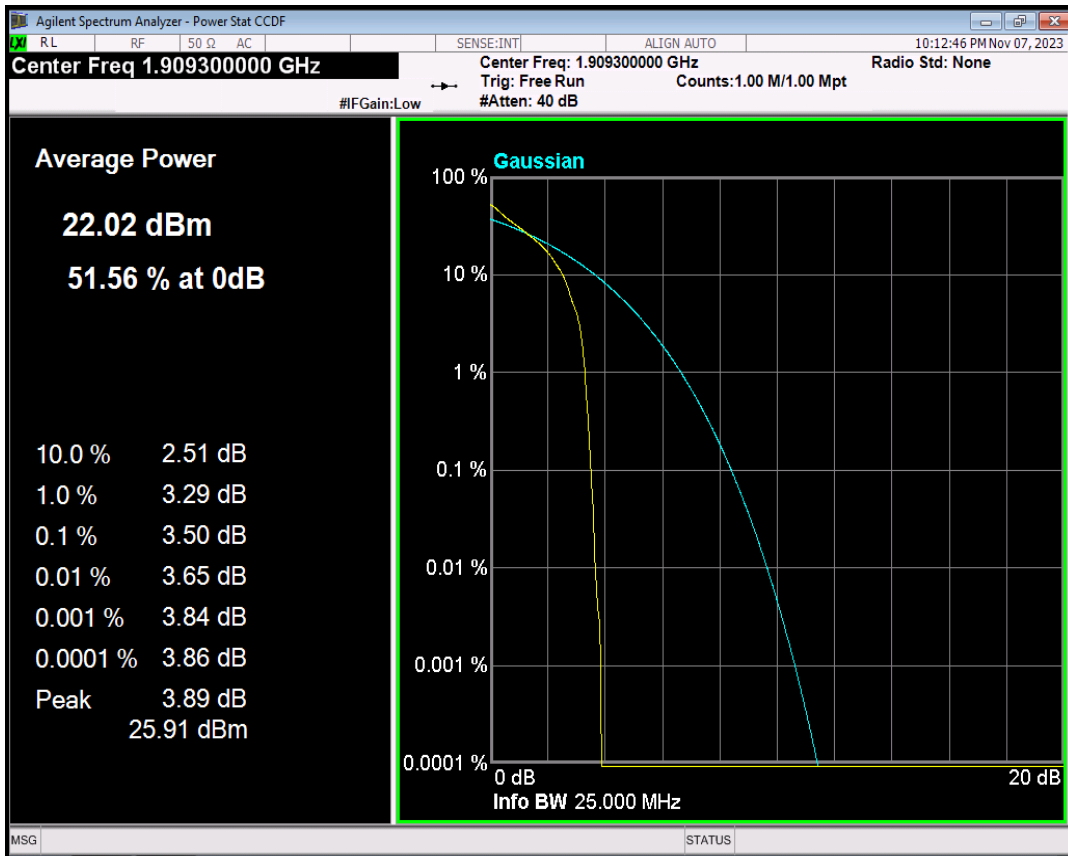


## Band2 16QAM BW=1.4MHz Channel=18900 RB Size=1 Position=#0

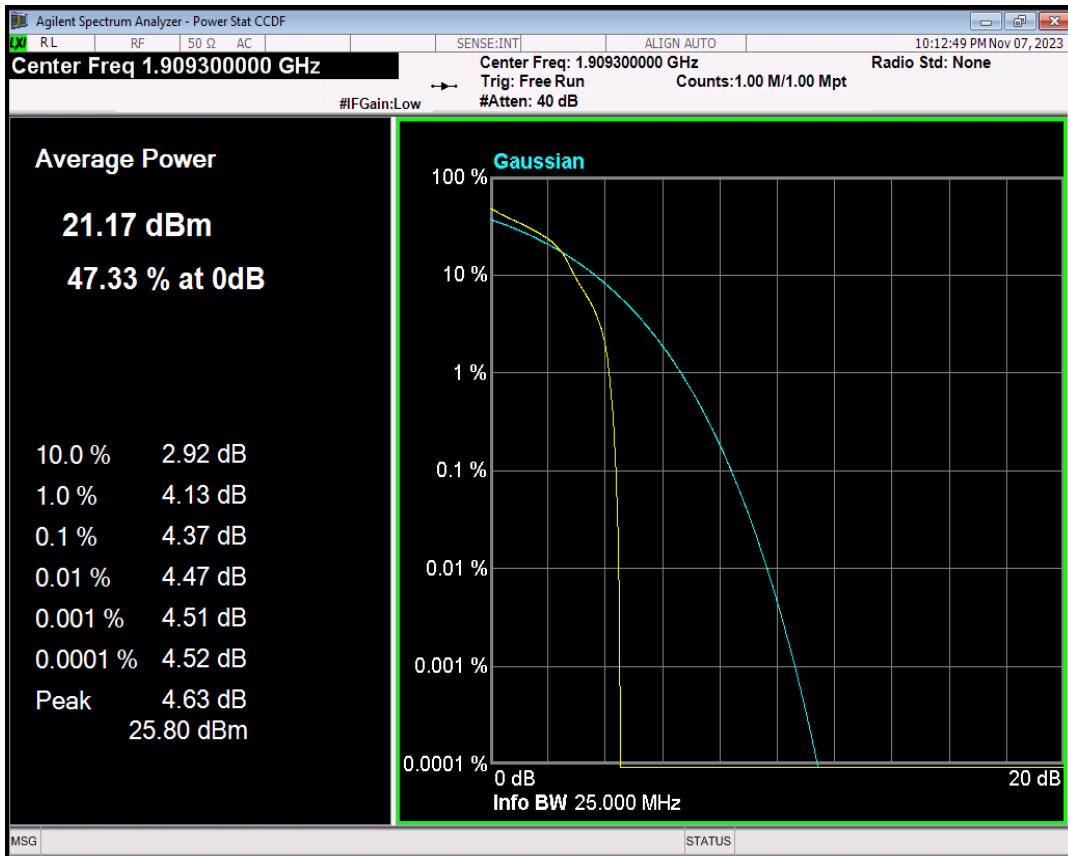




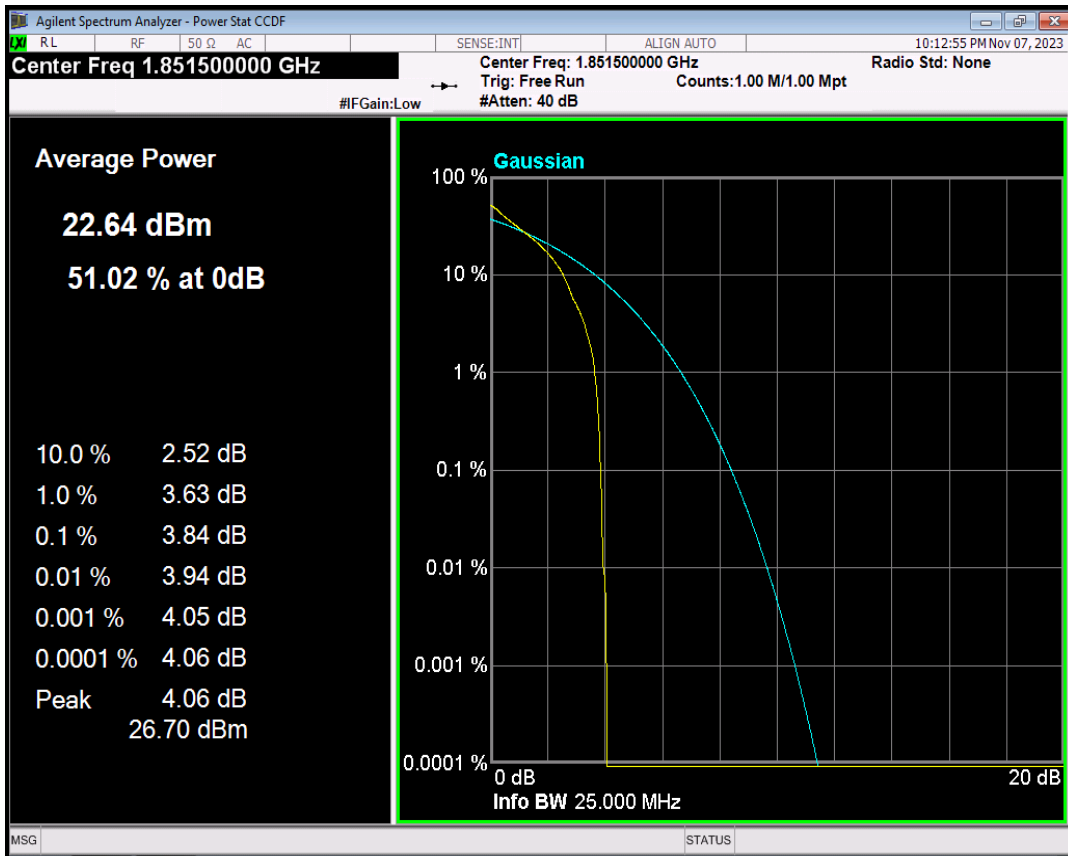
## Band2 QPSK BW=1.4MHz Channel=19193 RB Size=1 Position=#0



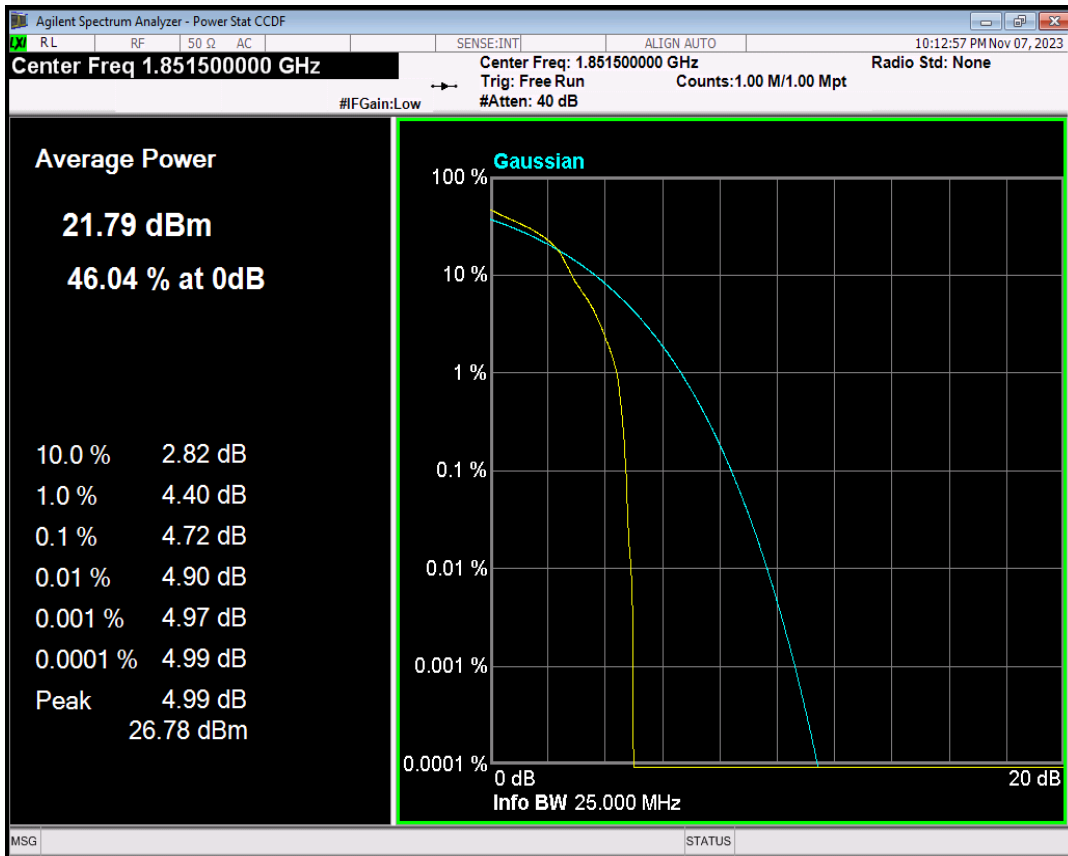
## Band2 16QAM BW=1.4MHz Channel=19193 RB Size=1 Position=#0



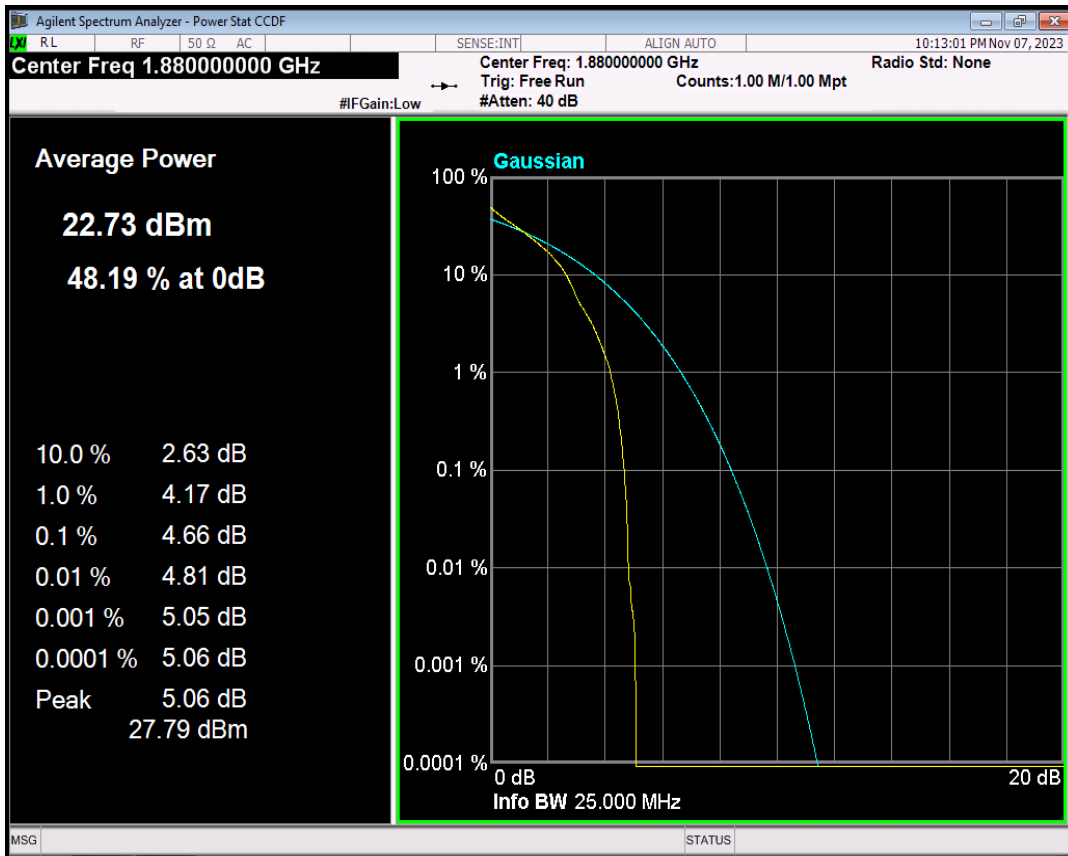
## Band2 QPSK BW=3MHz Channel=18615 RB Size=1 Position=#0



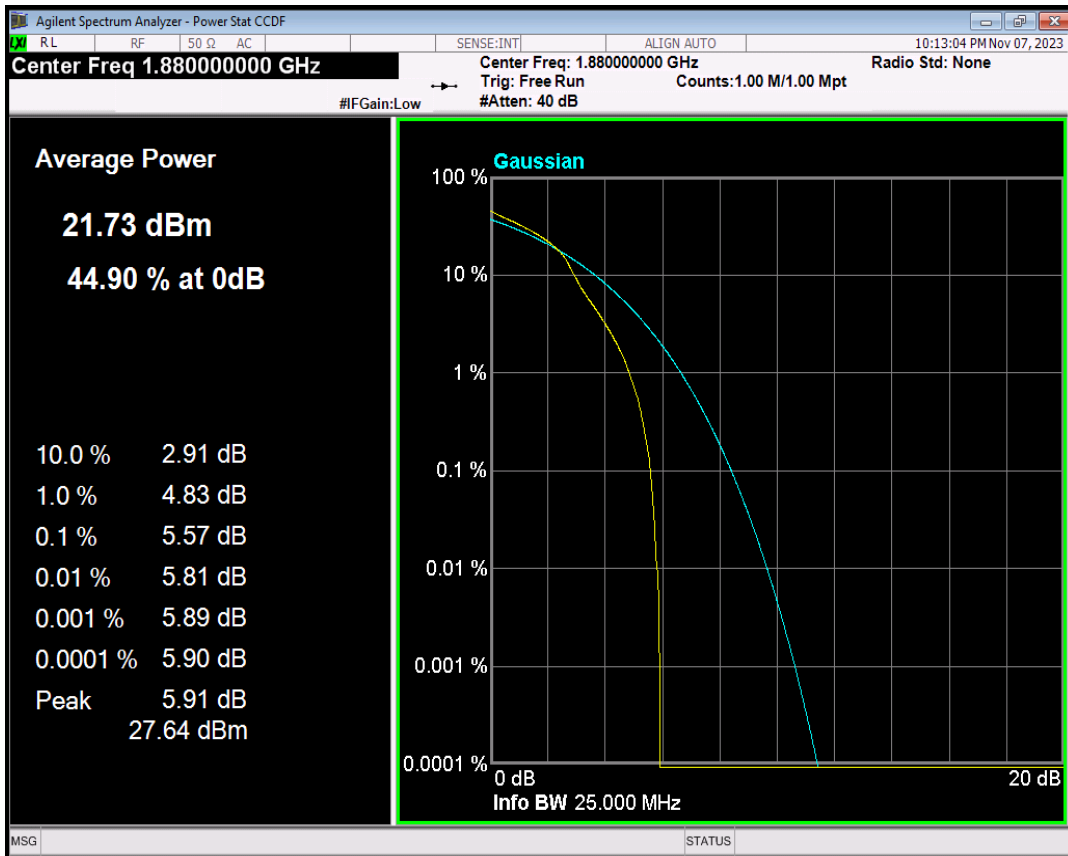
## Band2 16QAM BW=3MHz Channel=18615 RB Size=1 Position=#0



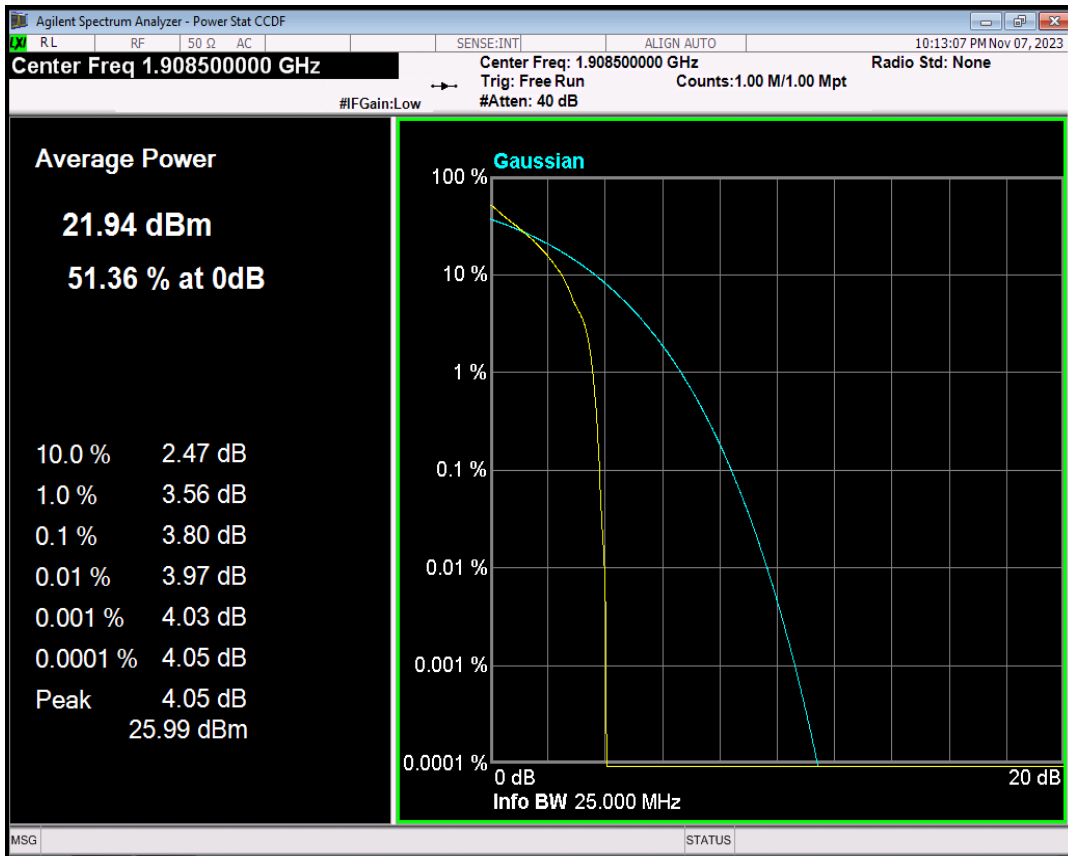
## Band2 QPSK BW=3MHz Channel=18900 RB Size=1 Position=#0



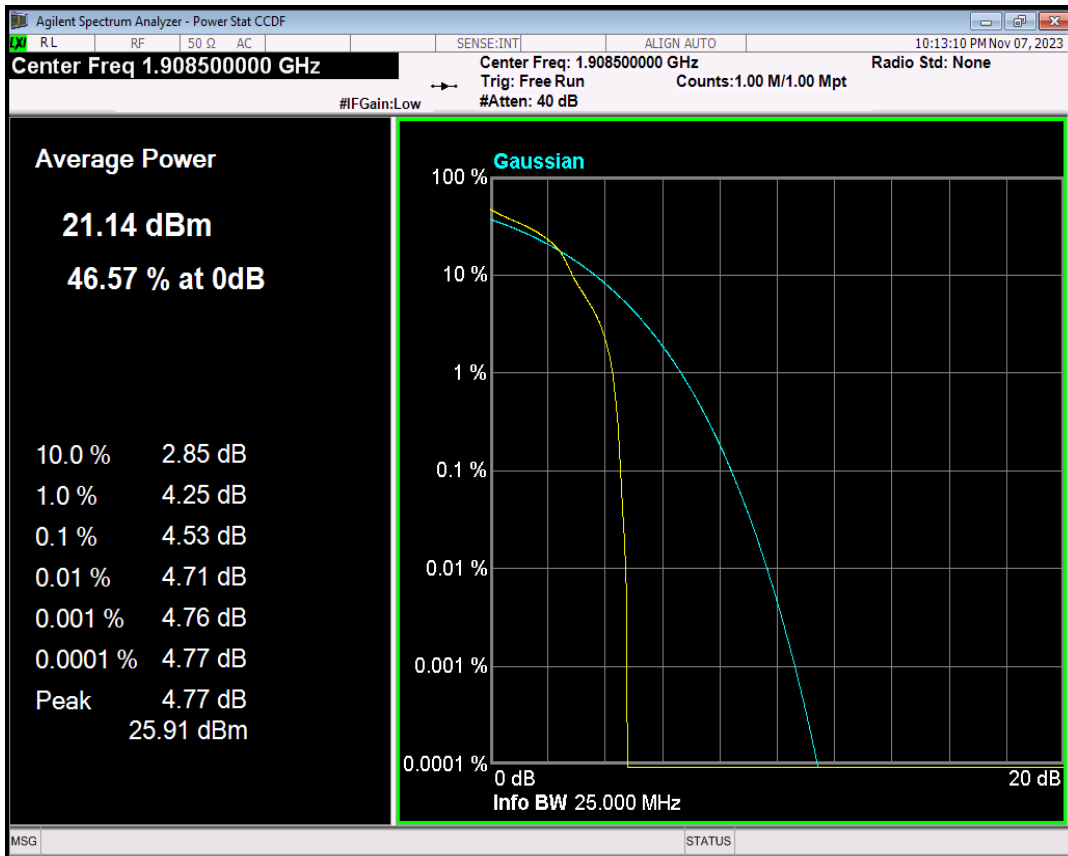
## Band2 16QAM BW=3MHz Channel=18900 RB Size=1 Position=#0



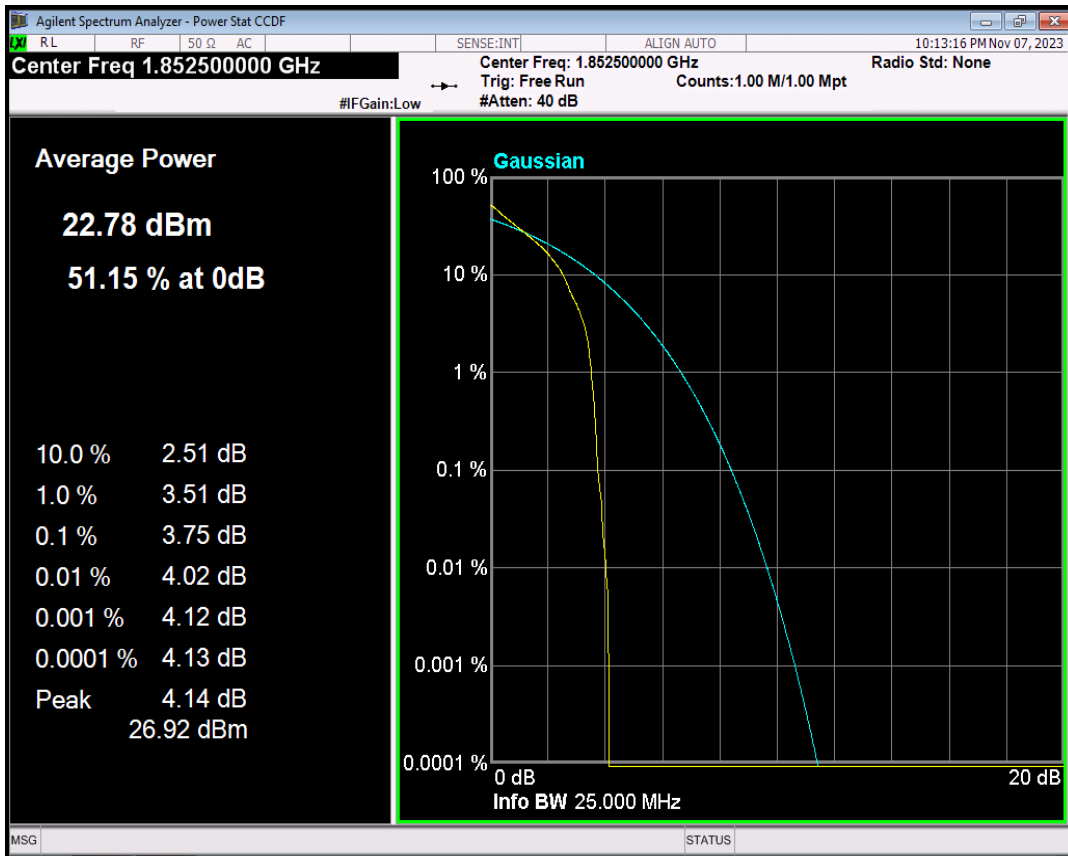
## Band2 QPSK BW=3MHz Channel=19185 RB Size=1 Position=#0



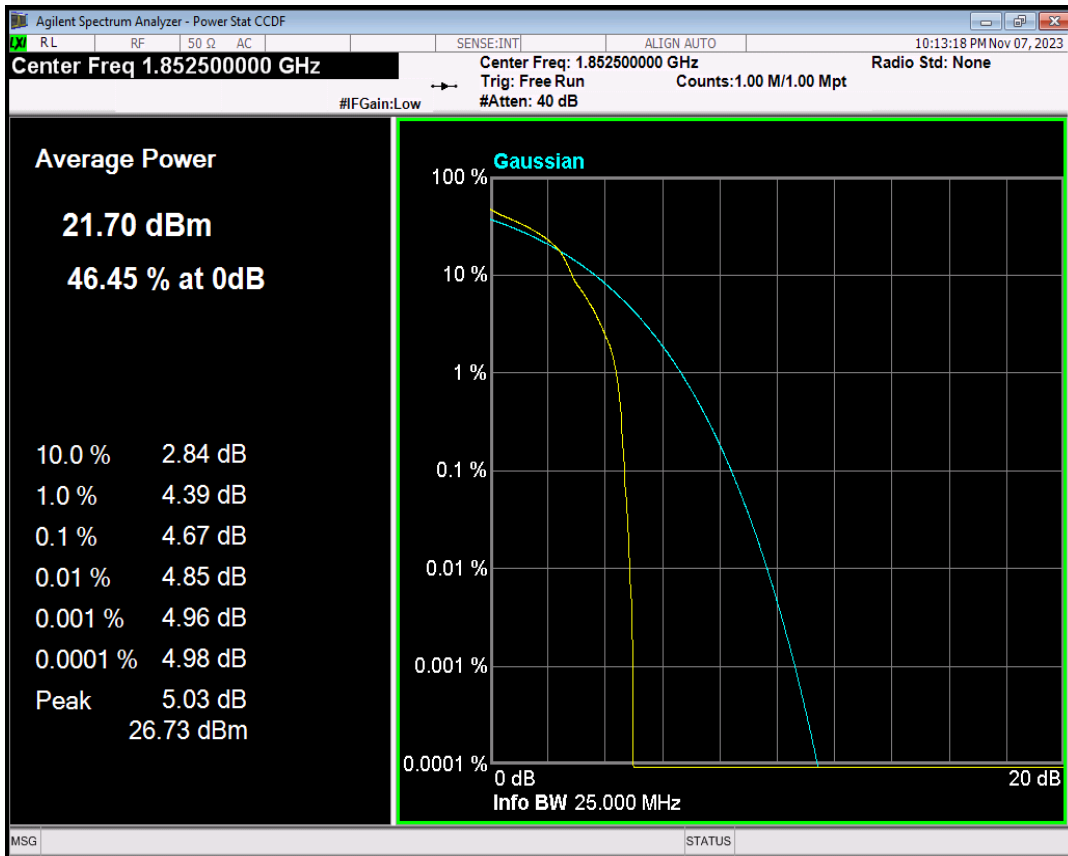
## Band2 16QAM BW=3MHz Channel=19185 RB Size=1 Position=#0



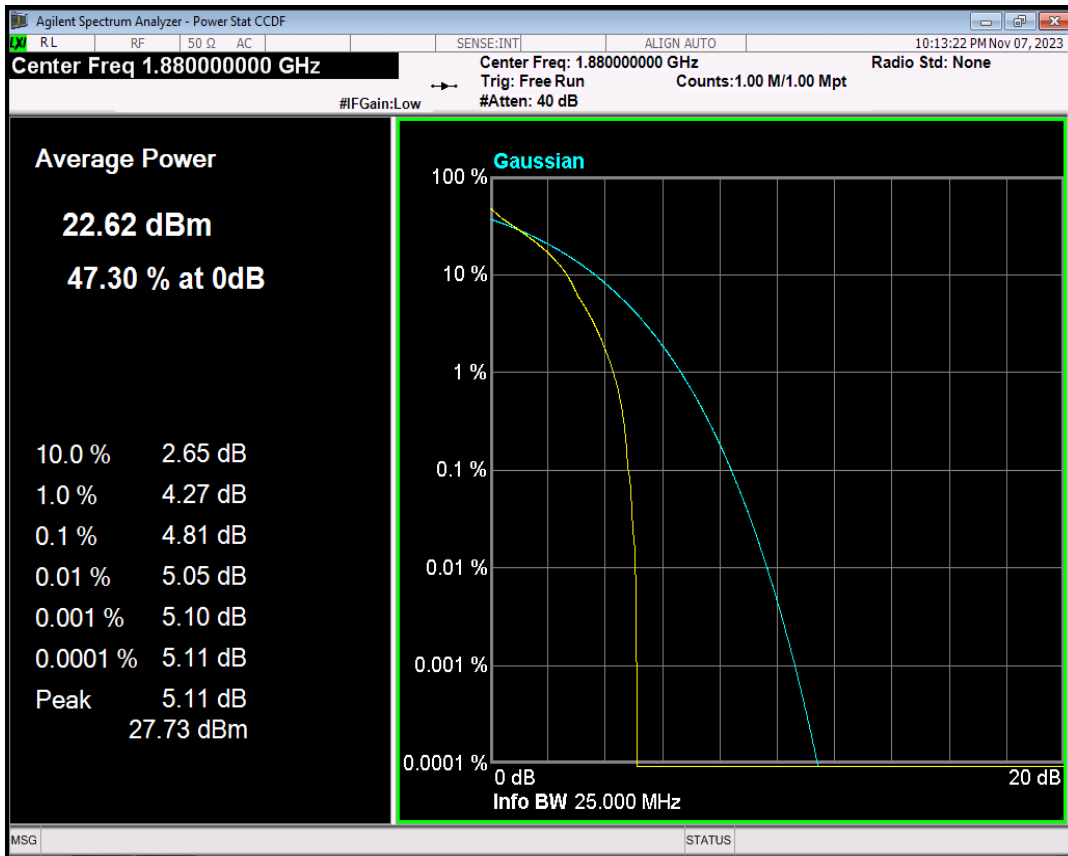
## Band2 QPSK BW=5MHz Channel=18625 RB Size=1 Position=#0



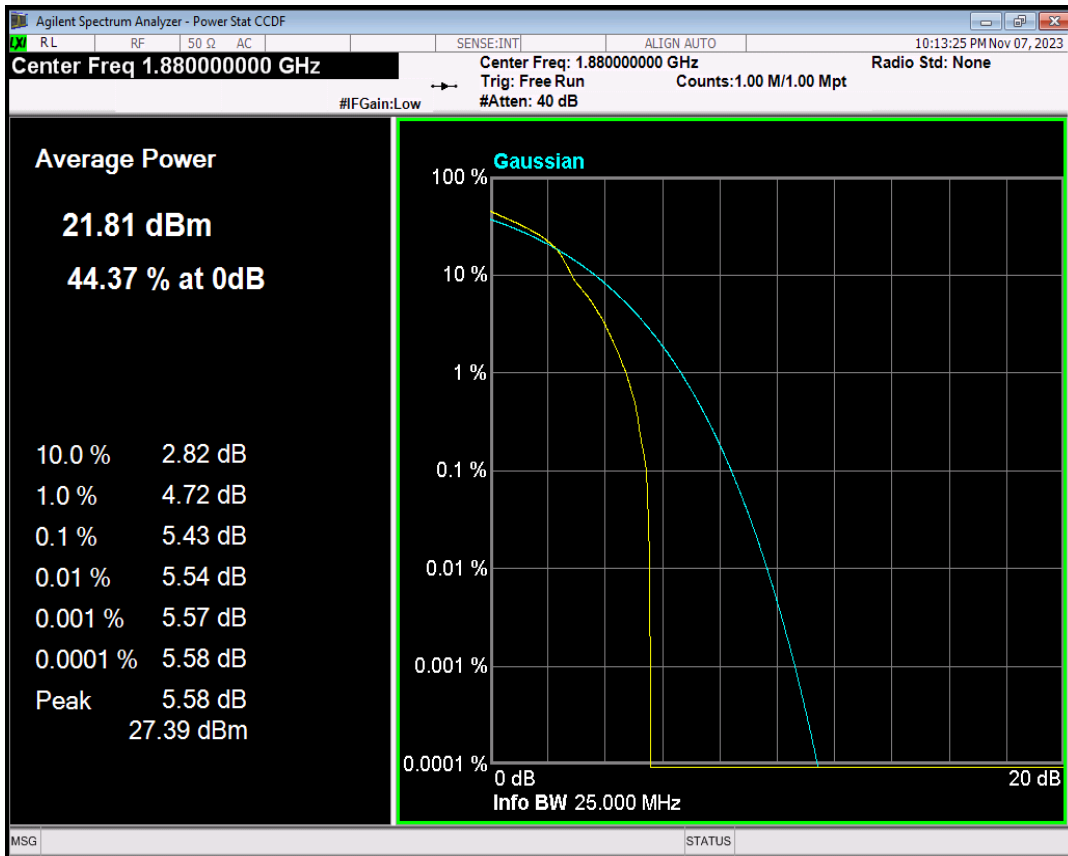
## Band2 16QAM BW=5MHz Channel=18625 RB Size=1 Position=#0



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

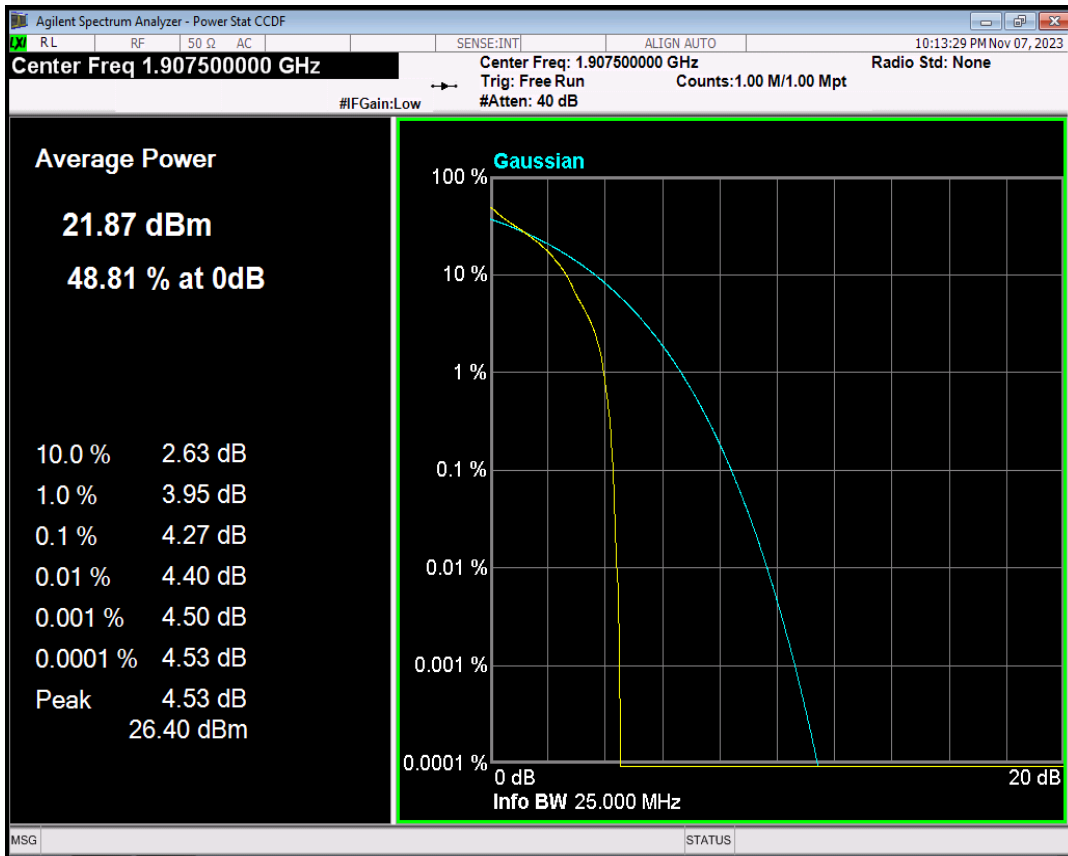


## Band2 16QAM BW=5MHz Channel=18900 RB Size=1 Position=#0

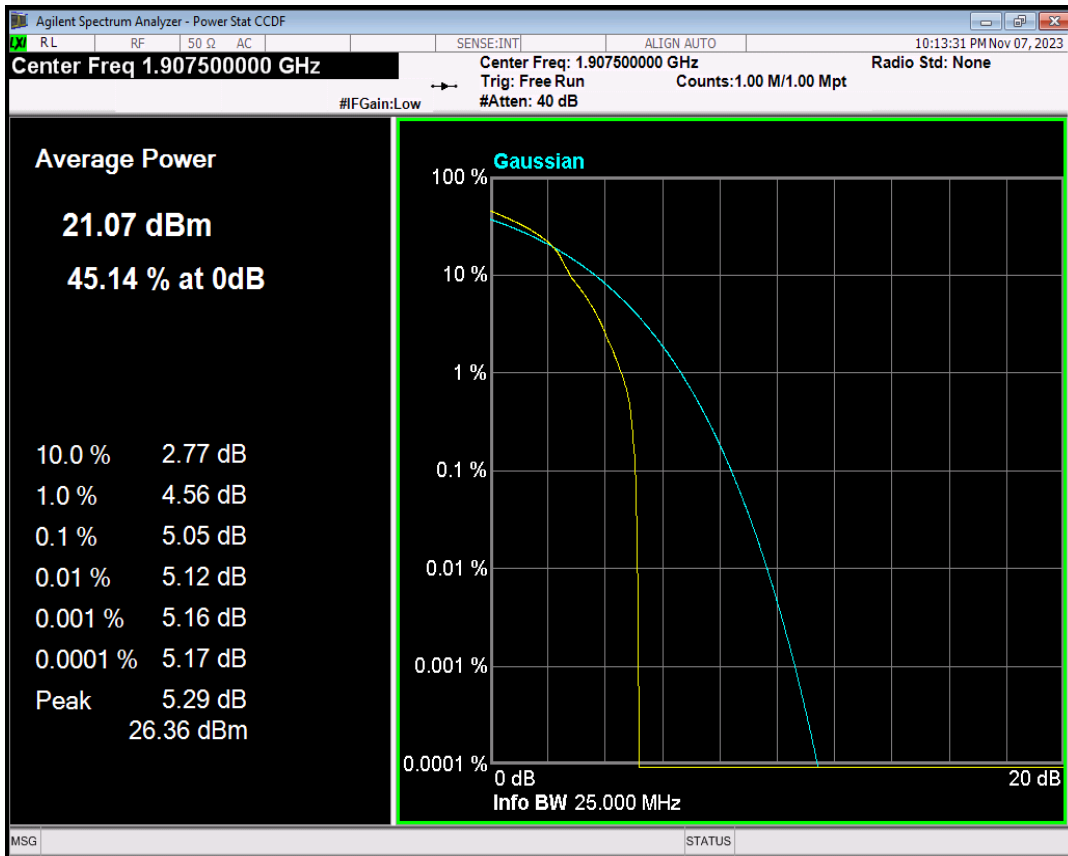




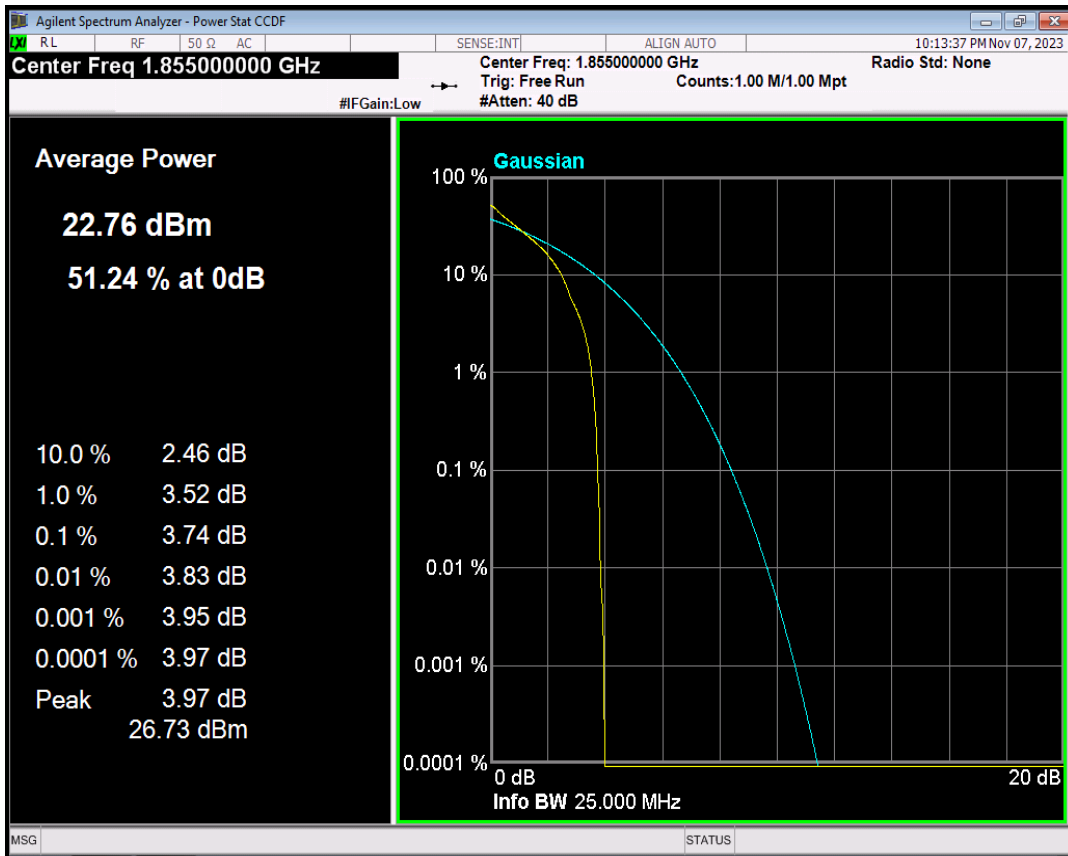
## Band2 QPSK BW=5MHz Channel=19175 RB Size=1 Position=#0



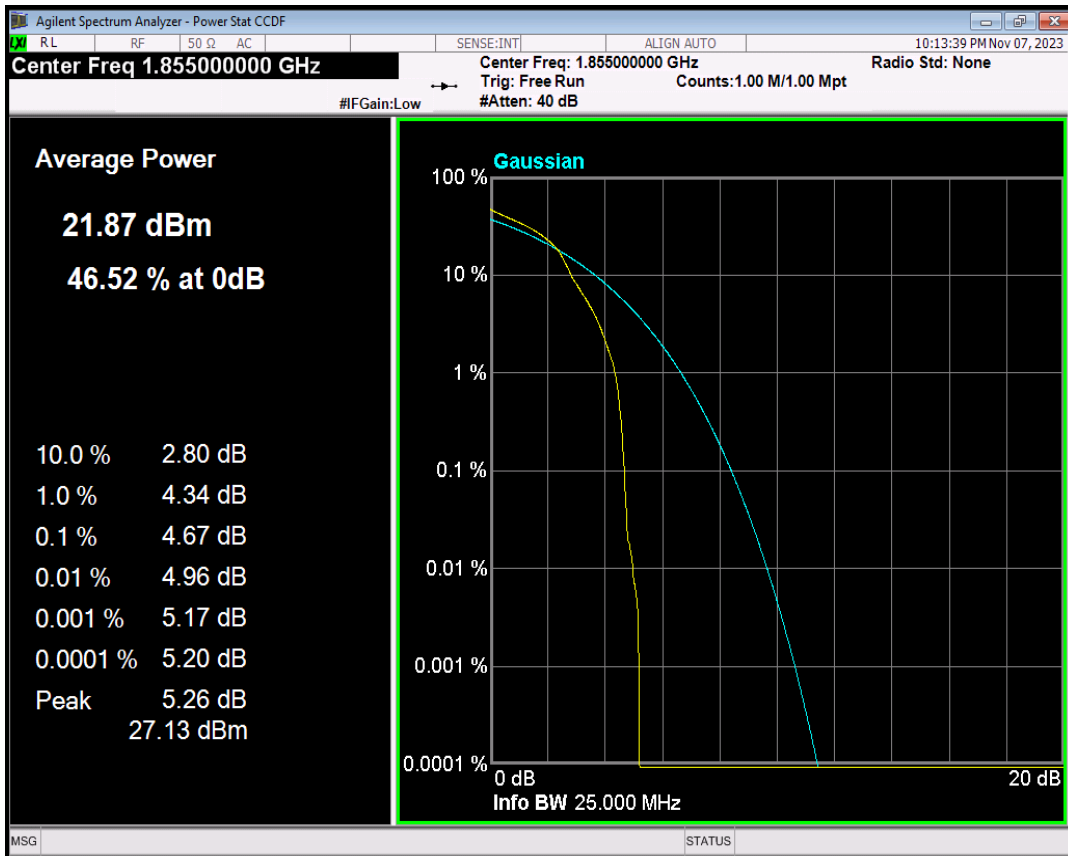
## Band2 16QAM BW=5MHz Channel=19175 RB Size=1 Position=#0



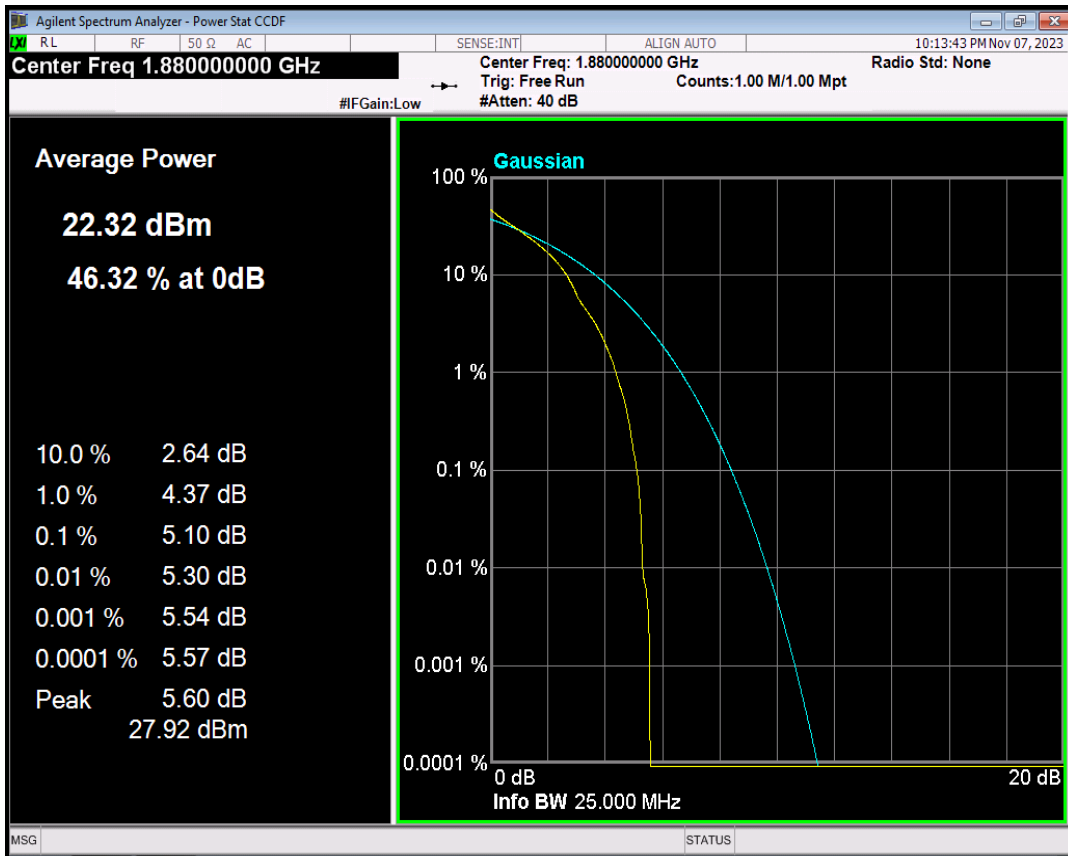
## Band2 QPSK BW=10MHz Channel=18650 RB Size=1 Position=#0



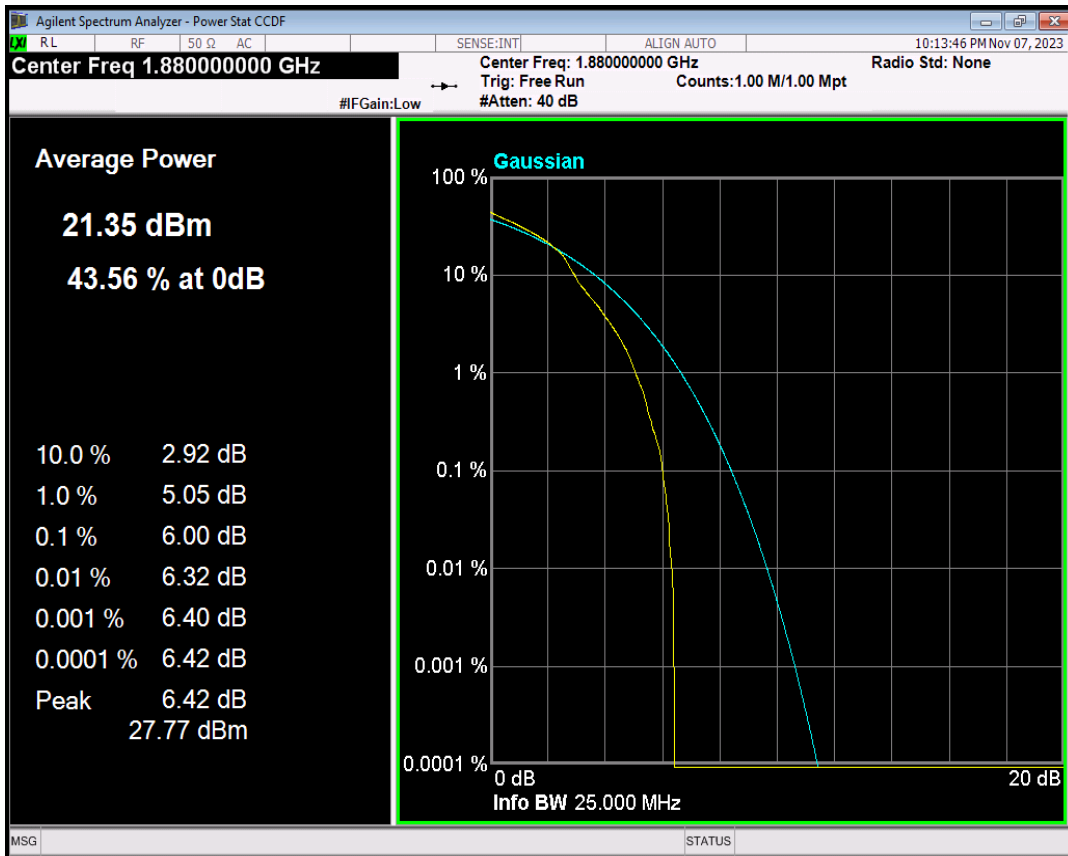
## Band2 16QAM BW=10MHz Channel=18650 RB Size=1 Position=#0



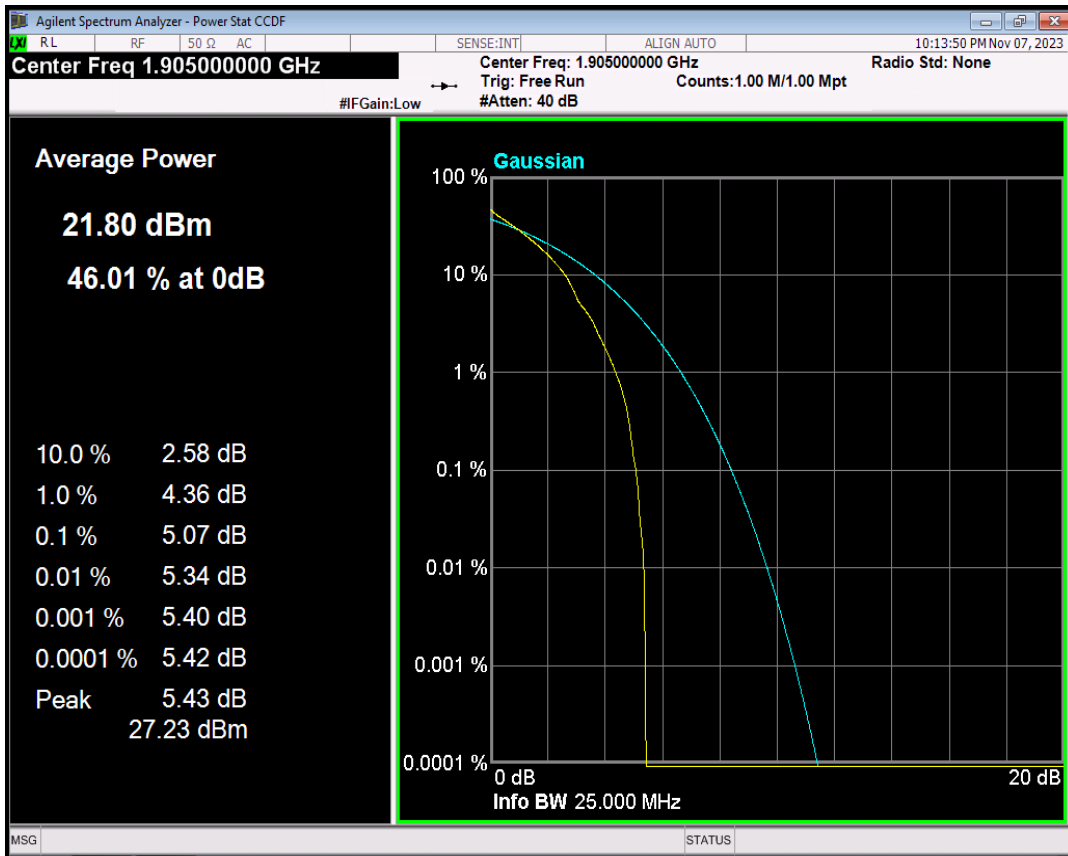
## Band2 QPSK BW=10MHz Channel=18900 RB Size=1 Position=#0



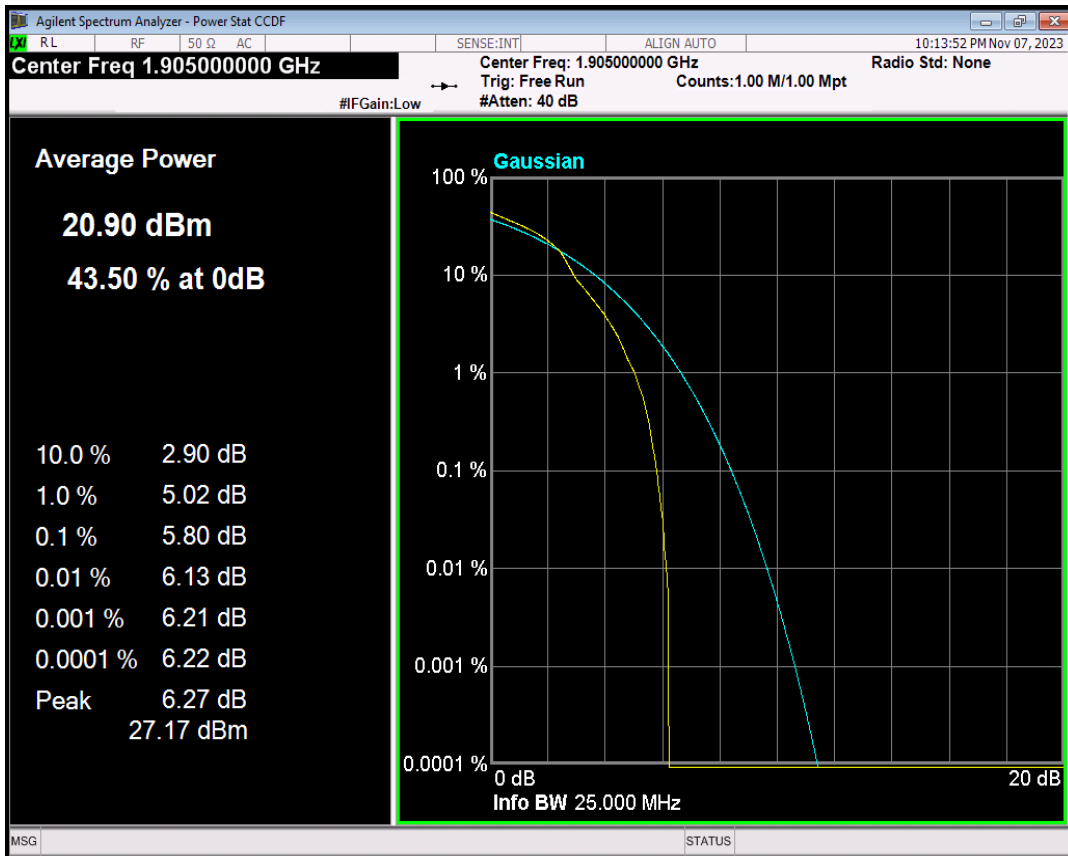
## Band2 16QAM BW=10MHz Channel=18900 RB Size=1 Position=#0



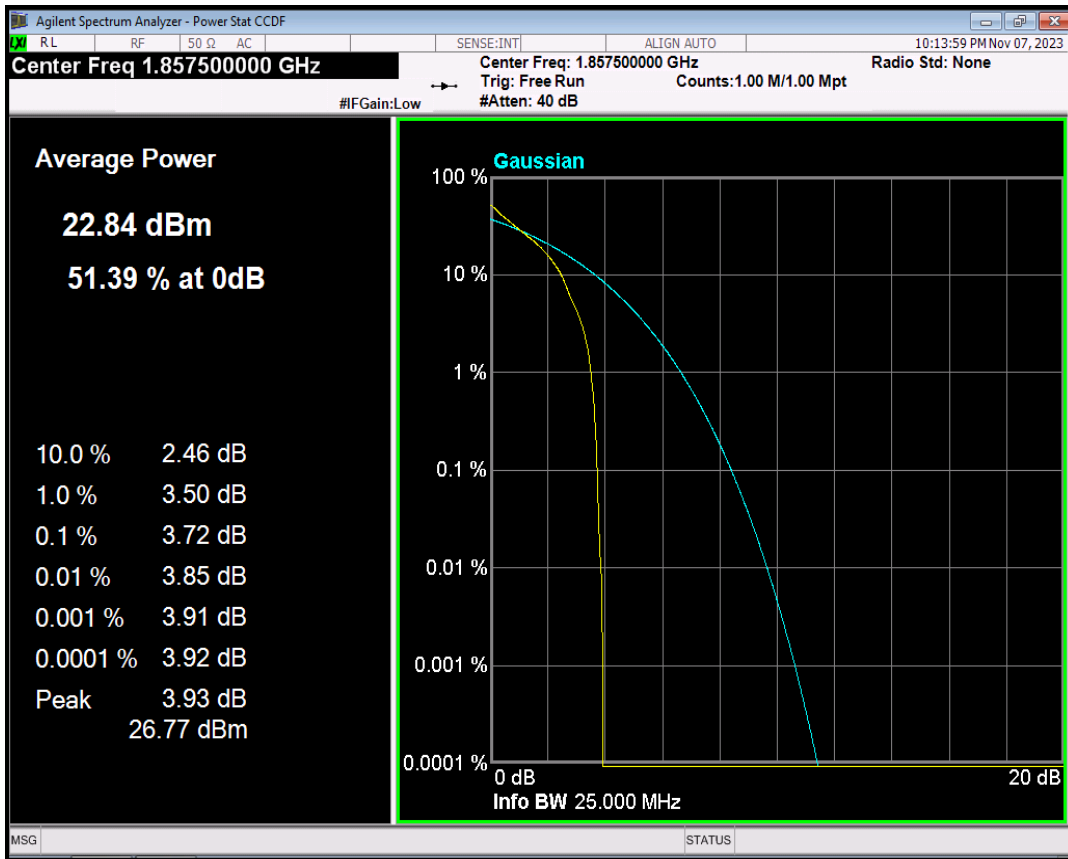
## Band2 QPSK BW=10MHz Channel=19150 RB Size=1 Position=#0



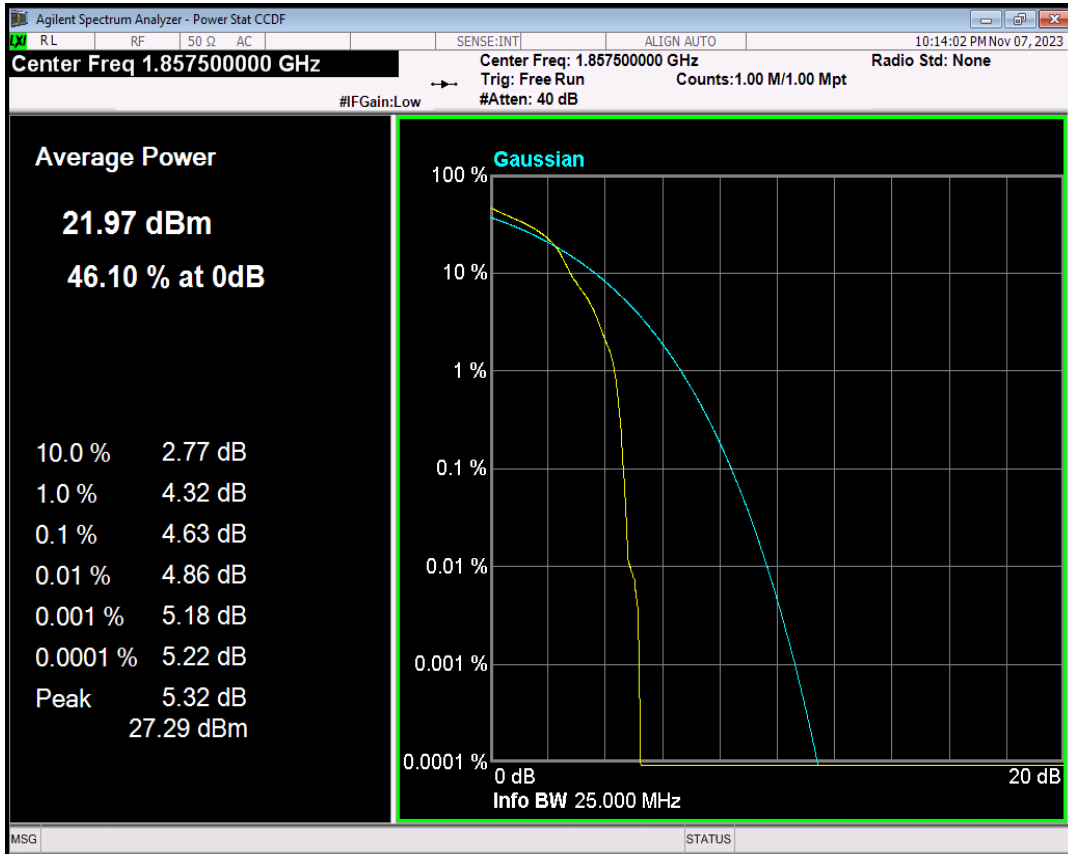
## Band2 16QAM BW=10MHz Channel=19150 RB Size=1 Position=#0



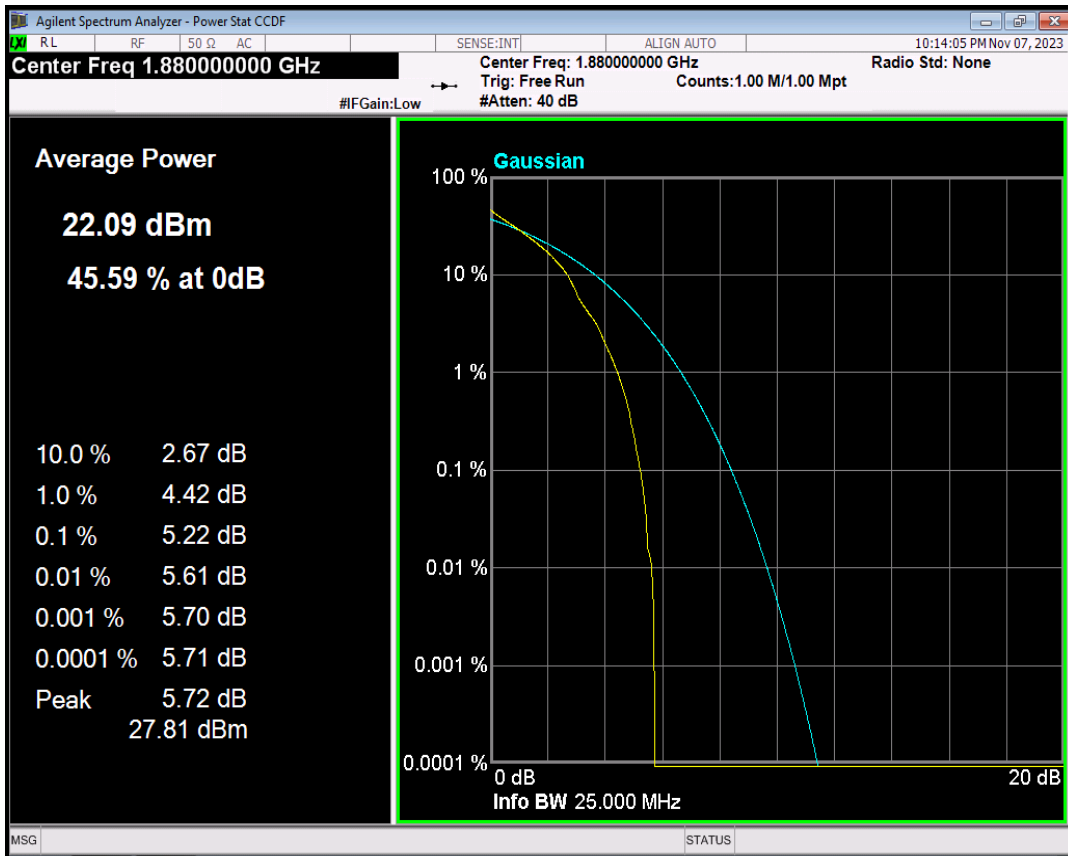
## Band2 QPSK BW=15MHz Channel=18675 RB Size=1 Position=#0



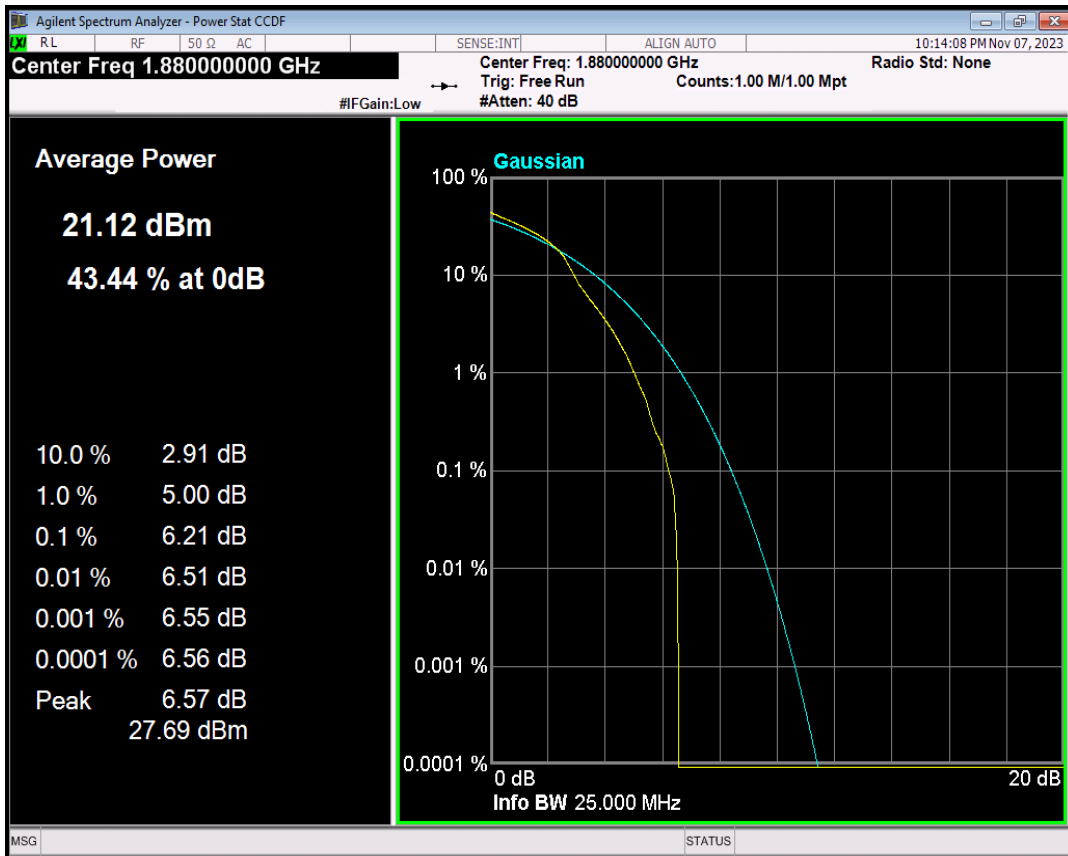
## Band2 16QAM BW=15MHz Channel=18675 RB Size=1 Position=#0



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

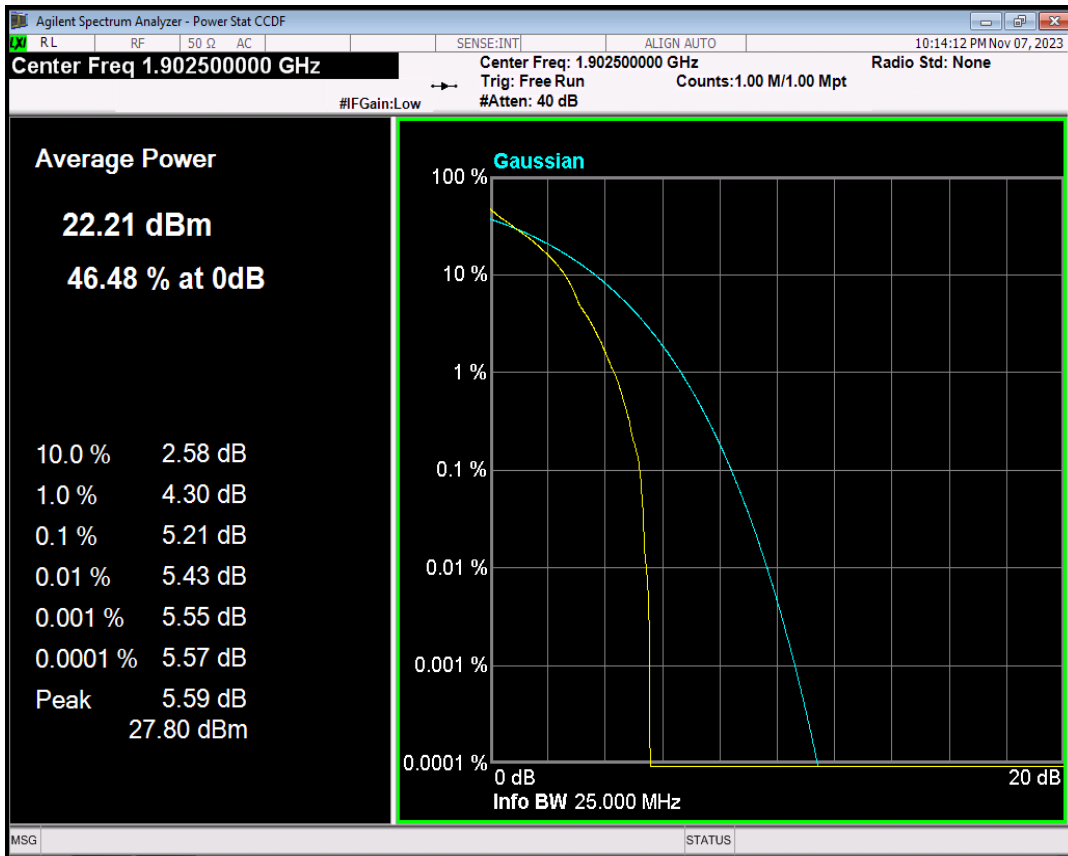


## Band2 16QAM BW=15MHz Channel=18900 RB Size=1 Position=#0

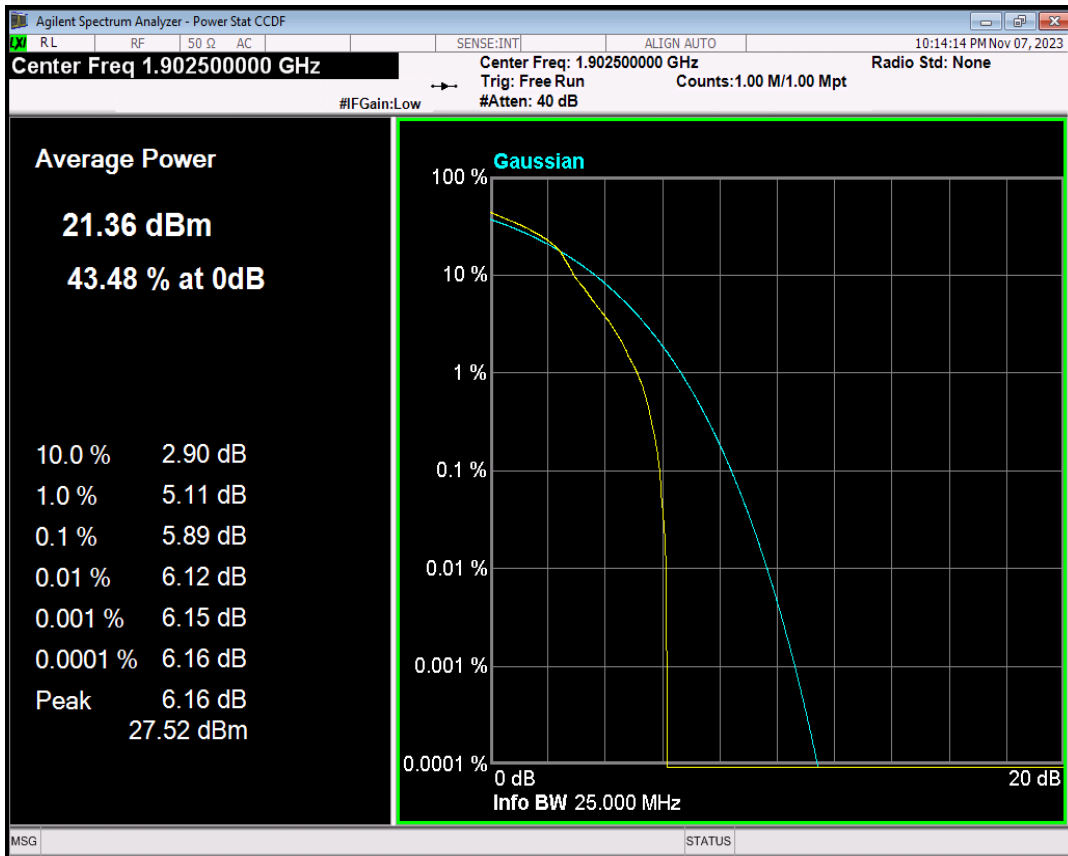




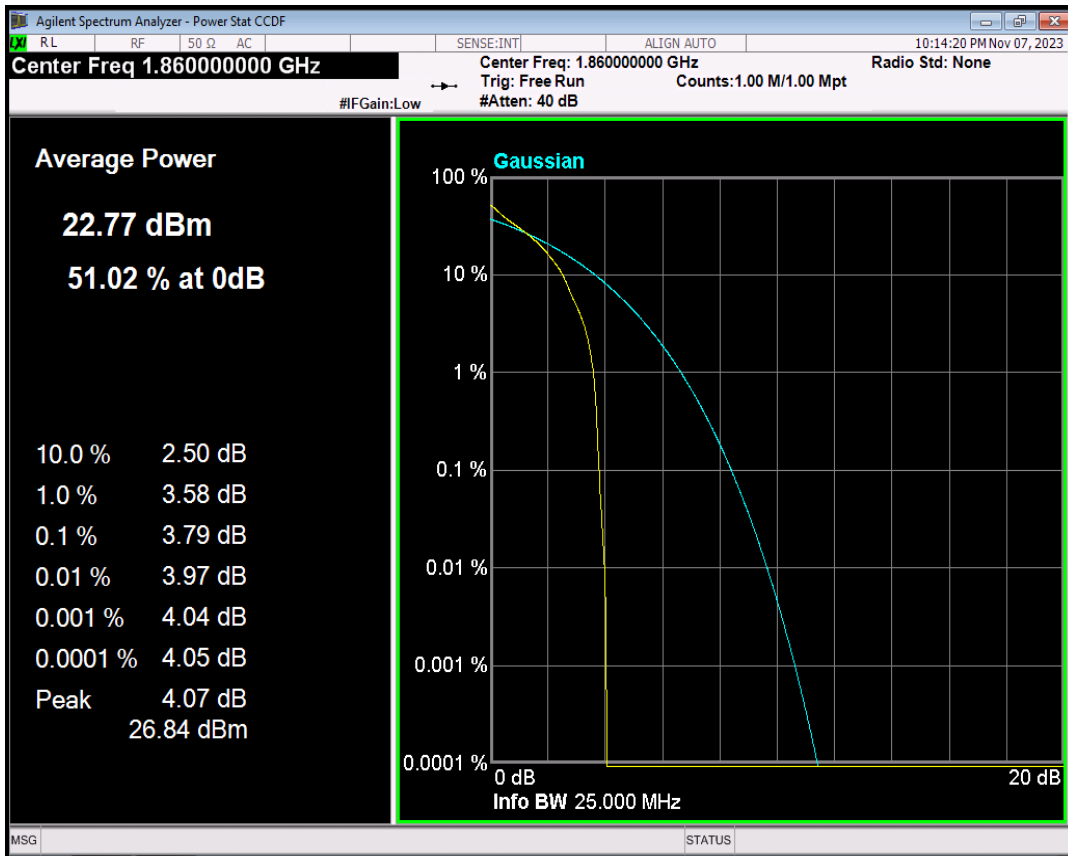
## Band2 QPSK BW=15MHz Channel=19125 RB Size=1 Position=#0



## 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

