Band38	20	38000	100	#0	QPSK	NV	-10	-6.35	-0.002	±2.5	PASS
Band38	20	38000	100	#0	QPSK	NV	-20	-5.95	-0.002	±2.5	PASS
Band38	20	38000	100	#0	QPSK	NV	-30	-5.06	-0.002	±2.5	PASS
Band38	20	38000	100	#0	QAM16	VL	NT	-5.39	-0.002	±2.5	PASS
Band38	20	38000	100	#0	QAM16	VN	NT	-4.49	-0.002	±2.5	PASS
Band38	20	38000	100	#0	QAM16	VH	NT	-3.54	-0.001	±2.5	PASS
Band38	20	38000	100	#0	QAM16	NV	50	-1.80	-0.001	±2.5	PASS
Band38	20	38000	100	#0	QAM16	NV	40	-5.26	-0.002	±2.5	PASS
Band38	20	38000	100	#0	QAM16	NV	30	-6.48	-0.002	±2.5	PASS
Band38	20	38000	100	#0	QAM16	NV	20	-4.00	-0.002	±2.5	PASS
Band38	20	38000	100	#0	QAM16	NV	10	-3.46	-0.001	±2.5	PASS
Band38	20	38000	100	#0	QAM16	NV	0	-4.63	-0.002	±2.5	PASS
Band38	20	38000	100	#0	QAM16	NV	-10	-4.89	-0.002	±2.5	PASS
Band38	20	38000	100	#0	QAM16	NV	-20	-4.46	-0.002	±2.5	PASS
Band38	20	38000	100	#0	QAM16	NV	-30	-2.37	-0.001	±2.5	PASS
Band38	20	38150	100	#0	QPSK	VL	NT	-5.85	-0.002	±2.5	PASS
Band38	20	38150	100	#0	QPSK	VN	NT	-5.09	-0.002	±2.5	PASS
Band38	20	38150	100	#0	QPSK	VH	NT	-7.09	-0.003	±2.5	PASS
Band38	20	38150	100	#0	QPSK	NV	50	-7.46	-0.003	±2.5	PASS
Band38	20	38150	100	#0	QPSK	NV	40	-7.62	-0.003	±2.5	PASS
Band38	20	38150	100	#0	QPSK	NV	30	-2.74	-0.001	±2.5	PASS
Band38	20	38150	100	#0	QPSK	NV	20	-5.24	-0.002	±2.5	PASS

Band38	20	38150	100	#0	QPSK	NV	10	-4.01	-0.002	±2.5	PASS
Band38	20	38150	100	#0	QPSK	NV	0	-7.79	-0.003	±2.5	PASS
Band38	20	38150	100	#0	QPSK	NV	-10	-6.63	-0.003	±2.5	PASS
Band38	20	38150	100	#0	QPSK	NV	-20	-3.90	-0.001	±2.5	PASS
Band38	20	38150	100	#0	QPSK	NV	-30	-6.12	-0.002	±2.5	PASS
Band38	20	38150	100	#0	QAM16	VL	NT	-4.84	-0.002	±2.5	PASS
Band38	20	38150	100	#0	QAM16	VN	NT	-3.39	-0.001	±2.5	PASS
Band38	20	38150	100	#0	QAM16	VH	NT	-2.40	-0.001	±2.5	PASS
Band38	20	38150	100	#0	QAM16	NV	50	-7.05	-0.003	±2.5	PASS
Band38	20	38150	100	#0	QAM16	NV	40	-1.50	-0.001	±2.5	PASS
Band38	20	38150	100	#0	QAM16	NV	30	-6.63	-0.003	±2.5	PASS
Band38	20	38150	100	#0	QAM16	NV	20	-0.78	0.000	±2.5	PASS
Band38	20	38150	100	#0	QAM16	NV	10	-6.00	-0.002	±2.5	PASS
Band38	20	38150	100	#0	QAM16	NV	0	-4.47	-0.002	±2.5	PASS
Band38	20	38150	100	#0	QAM16	NV	-10	-4.60	-0.002	±2.5	PASS
Band38	20	38150	100	#0	QAM16	NV	-20	-3.24	-0.001	±2.5	PASS
Band38	20	38150	100	#0	QAM16	NV	-30	-3.41	-0.001	±2.5	PASS
Band4	20	20050	100	#0	QPSK	VL	NT	-5.56	-0.003	±2.5	PASS
Band4	20	20050	100	#0	QPSK	VN	NT	-6.45	-0.004	±2.5	PASS
Band4	20	20050	100	#0	QPSK	VH	NT	-6.43	-0.004	±2.5	PASS
Band4	20	20050	100	#0	QPSK	NV	50	-6.95	-0.004	±2.5	PASS
Band4	20	20050	100	#0	QPSK	NV	40	-6.78	-0.004	±2.5	PASS
Band4	20	20050	100	#0	QPSK	NV	30	-5.99	-0.00	±2.5	PASS

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Band4	20	20050	100	#0	QPSK	NV	20	-7.95	-0.005	±2.5	PASS
Band4	20	20050	100	#0	QPSK	NV	10	-7.23	-0.004	±2.5	PASS
Band4	20	20050	100	#0	QPSK	NV	0	-7.58	-0.004	±2.5	PASS
Band4	20	20050	100	#0	QPSK	NV	-10	-7.68	-0.004	±2.5	PASS
Band4	20	20050	100	#0	QPSK	NV	-20	-6.66	-0.004	±2.5	PASS
Band4	20	20050	100	#0	QPSK	NV	-30	-6.80	-0.004	±2.5	PASS
Band4	20	20050	100	#0	QAM16	VL	NT	-5.19	-0.003	±2.5	PASS
Band4	20	20050	100	#0	QAM16	VN	NT	-7.71	-0.004	±2.5	PASS
Band4	20	20050	100	#0	QAM16	VH	NT	-6.53	-0.004	±2.5	PASS
Band4	20	20050	100	#0	QAM16	NV	50	-6.40	-0.004	±2.5	PASS
Band4	20	20050	100	#0	QAM16	NV	40	-3.64	-0.002	±2.5	PASS
Band4	20	20050	100	#0	QAM16	NV	30	-5.83	-0.003	±2.5	PASS
Band4	20	20050	100	#0	QAM16	NV	20	-6.30	-0.004	±2.5	PASS
Band4	20	20050	100	#0	QAM16	NV	10	-6.93	-0.004	±2.5	PASS
Band4	20	20050	100	#0	QAM16	NV	0	-3.07	-0.002	±2.5	PASS
Band4	20	20050	100	#0	QAM16	NV	-10	-6.95	-0.004	±2.5	PASS
Band4	20	20050	100	#0	QAM16	NV	-20	-7.20	-0.004	±2.5	PASS
Band4	20	20050	100	#0	QAM16	NV	-30	-6.95	-0.004	±2.5	PASS
Band4	20	20175	100	#0	QPSK	VL	NT	-7.82	-0.005	±2.5	PASS
Band4	20	20175	100	#0	QPSK	VN	NT	-5.30	-0.003	±2.5	PASS
Band4	20	20175	100	#0	QPSK	VH	NT	-7.15	-0.004	±2.5	PASS
Band4	20	20175	100	#0	QPSK	NV	50	-4.99	-0.00	±2.5	PASS

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Band4	20	20175	100	#0	QPSK	NV	40	-6.23	-0.004	±2.5	PASS
Band4	20	20175	100	#0	QPSK	NV	30	-2.10	-0.001	±2.5	PASS
Band4	20	20175	100	#0	QPSK	NV	20	-6.90	-0.004	±2.5	PASS
Band4	20	20175	100	#0	QPSK	NV	10	-5.77	-0.003	±2.5	PASS
Band4	20	20175	100	#0	QPSK	NV	0	-5.37	-0.003	±2.5	PASS
Band4	20	20175	100	#0	QPSK	NV	-10	-5.19	-0.003	±2.5	PASS
Band4	20	20175	100	#0	QPSK	NV	-20	-6.43	-0.004	±2.5	PASS
Band4	20	20175	100	#0	QPSK	NV	-30	-4.52	-0.003	±2.5	PASS
Band4	20	20175	100	#0	QAM16	VL	NT	-4.62	-0.003	±2.5	PASS
Band4	20	20175	100	#0	QAM16	VN	NT	-6.75	-0.004	±2.5	PASS
Band4	20	20175	100	#0	QAM16	VH	NT	-5.55	-0.003	±2.5	PASS
Band4	20	20175	100	#0	QAM16	NV	50	-3.04	-0.002	±2.5	PASS
Band4	20	20175	100	#0	QAM16	NV	40	-3.71	-0.002	±2.5	PASS
Band4	20	20175	100	#0	QAM16	NV	30	-6.96	-0.004	±2.5	PASS
Band4	20	20175	100	#0	QAM16	NV	20	-5.72	-0.003	±2.5	PASS
Band4	20	20175	100	#0	QAM16	NV	10	-5.06	-0.003	±2.5	PASS
Band4	20	20175	100	#0	QAM16	NV	0	-7.39	-0.004	±2.5	PASS
Band4	20	20175	100	#0	QAM16	NV	-10	-5.39	-0.003	±2.5	PASS
Band4	20	20175	100	#0	QAM16	NV	-20	-6.33	-0.004	±2.5	PASS
Band4	20	20175	100	#0	QAM16	NV	-30	-3.60	-0.002	±2.5	PASS
Band4	20	20300	100	#0	QPSK	VL	NT	-4.92	-0.003	±2.5	PASS
Band4	20	20300	100	#0	QPSK	VN	NT	-2.70	-0.00	±2.5	PASS

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Band4	20	20300	100	#0	QPSK	VH	NT	-3.56	-0.002	±2.5	PASS
Band4	20	20300	100	#0	QPSK	NV	50	-3.36	-0.002	±2.5	PASS
Band4	20	20300	100	#0	QPSK	NV	40	-3.00	-0.002	±2.5	PASS
Band4	20	20300	100	#0	QPSK	NV	30	-1.94	-0.001	±2.5	PASS
Band4	20	20300	100	#0	QPSK	NV	20	-4.37	-0.003	±2.5	PASS
Band4	20	20300	100	#0	QPSK	NV	10	-4.83	-0.003	±2.5	PASS
Band4	20	20300	100	#0	QPSK	NV	0	-1.70	-0.001	±2.5	PASS
Band4	20	20300	100	#0	QPSK	NV	-10	-2.10	-0.001	±2.5	PASS
Band4	20	20300	100	#0	QPSK	NV	-20	-3.79	-0.002	±2.5	PASS
Band4	20	20300	100	#0	QPSK	NV	-30	-2.83	-0.002	±2.5	PASS
Band4	20	20300	100	#0	QAM16	VL	NT	-1.63	-0.001	±2.5	PASS
Band4	20	20300	100	#0	QAM16	VN	NT	-3.33	-0.002	±2.5	PASS
Band4	20	20300	100	#0	QAM16	VH	NT	-2.61	-0.001	±2.5	PASS
Band4	20	20300	100	#0	QAM16	NV	50	-3.41	-0.002	±2.5	PASS
Band4	20	20300	100	#0	QAM16	NV	40	-2.64	-0.002	±2.5	PASS
Band4	20	20300	100	#0	QAM16	NV	30	-1.63	-0.001	±2.5	PASS
Band4	20	20300	100	#0	QAM16	NV	20	-1.38	-0.001	±2.5	PASS
Band4	20	20300	100	#0	QAM16	NV	10	-1.97	-0.001	±2.5	PASS
Band4	20	20300	100	#0	QAM16	NV	0	-5.65	-0.003	±2.5	PASS
Band4	20	20300	100	#0	QAM16	NV	-10	-5.20	-0.003	±2.5	PASS
Band4	20	20300	100	#0	QAM16	NV	-20	-4.50	-0.003	±2.5	PASS
Band4	20	20300	100	#0	QAM16	NV	-30	-5.86	-0.00	±2.5	PASS

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Band40a	10	38750	50	#0	QPSK	VL	NT	-3.03	-0.001	±2.5	PASS
Band40a	10	38750	50	#0	QPSK	VN	NT	-1.80	-0.001	±2.5	PASS
Band40a	10	38750	50	#0	QPSK	VH	NT	-1.51	-0.001	±2.5	PASS
Band40a	10	38750	50	#0	QPSK	NV	50	-3.43	-0.001	±2.5	PASS
Band40a	10	38750	50	#0	QPSK	NV	40	-3.24	-0.001	±2.5	PASS
Band40a	10	38750	50	#0	QPSK	NV	30	-3.11	-0.001	±2.5	PASS
Band40a	10	38750	50	#0	QPSK	NV	20	-3.21	-0.001	±2.5	PASS
Band40a	10	38750	50	#0	QPSK	NV	10	-3.50	-0.002	±2.5	PASS
Band40a	10	38750	50	#0	QPSK	NV	0	-2.54	-0.001	±2.5	PASS
Band40a	10	38750	50	#0	QPSK	NV	-10	-3.13	-0.001	±2.5	PASS
Band40a	10	38750	50	#0	QPSK	NV	-20	-3.13	-0.001	±2.5	PASS
Band40a	10	38750	50	#0	QPSK	NV	-30	-3.64	-0.002	±2.5	PASS
Band40a	10	38750	50	#0	QAM16	VL	NT	-3.39	-0.001	±2.5	PASS
Band40a	10	38750	50	#0	QAM16	VN	NT	-3.00	-0.001	±2.5	PASS
Band40a	10	38750	50	#0	QAM16	VH	NT	-2.33	-0.001	±2.5	PASS
Band40a	10	38750	50	#0	QAM16	NV	50	-1.35	-0.001	±2.5	PASS
Band40a	10	38750	50	#0	QAM16	NV	40	-0.81	0.000	±2.5	PASS
Band40a	10	38750	50	#0	QAM16	NV	30	-1.74	-0.001	±2.5	PASS
Band40a	10	38750	50	#0	QAM16	NV	20	-1.47	-0.001	±2.5	PASS
Band40a	10	38750	50	#0	QAM16	NV	10	-2.34	-0.001	±2.5	PASS
Band40a	10	38750	50	#0	QAM16	NV	0	-2.57	-0.001	±2.5	PASS
Band40a	10	38750	50	#0	QAM16	NV	-10	-1.97	-0.001	±2.5	PASS

Band40a	10	38750	50	#0	QAM16	NV	-20	-3.41	-0.001	±2.5	PASS
Band40a	10	38750	50	#0	QAM16	NV	-30	-0.35	0.000	±2.5	PASS
Band40b	10	39200	50	#0	QPSK	VL	NT	-4.50	-0.002	±2.5	PASS
Band40b	10	39200	50	#0	QPSK	VN	NT	-3.39	-0.001	±2.5	PASS
Band40b	10	39200	50	#0	QPSK	VH	NT	-1.41	-0.001	±2.5	PASS
Band40b	10	39200	50	#0	QPSK	NV	50	-1.50	-0.001	±2.5	PASS
Band40b	10	39200	50	#0	QPSK	NV	40	-2.41	-0.001	±2.5	PASS
Band40b	10	39200	50	#0	QPSK	NV	30	-2.31	-0.001	±2.5	PASS
Band40b	10	39200	50	#0	QPSK	NV	20	-1.47	-0.001	±2.5	PASS
Band40b	10	39200	50	#0	QPSK	NV	10	-2.03	-0.001	±2.5	PASS
Band40b	10	39200	50	#0	QPSK	NV	0	-3.44	-0.001	±2.5	PASS
Band40b	10	39200	50	#0	QPSK	NV	-10	-4.69	-0.002	±2.5	PASS
Band40b	10	39200	50	#0	QPSK	NV	-20	-1.11	0.000	±2.5	PASS
Band40b	10	39200	50	#0	QPSK	NV	-30	-2.30	-0.001	±2.5	PASS
Band40b	10	39200	50	#0	QAM16	VL	NT	-0.97	0.000	±2.5	PASS
Band40b	10	39200	50	#0	QAM16	VN	NT	-1.64	-0.001	±2.5	PASS
Band40b	10	39200	50	#0	QAM16	VH	NT	-1.35	-0.001	±2.5	PASS
Band40b	10	39200	50	#0	QAM16	NV	50	-1.20	-0.001	±2.5	PASS
Band40b	10	39200	50	#0	QAM16	NV	40	-1.78	-0.001	±2.5	PASS
Band40b	10	39200	50	#0	QAM16	NV	30	-1.71	-0.001	±2.5	PASS
Band40b	10	39200	50	#0	QAM16	NV	20	-3.00	-0.001	±2.5	PASS
Band40b	10	39200	50	#0	QAM16	NV	10	-2.08	-0.001	±2.5	PASS
Band40b	10	39200	50	#0	QAM16	NV	0	-0.70	0.000	±2.5	PASS
Band40b	10	39200	50	#0	QAM16	NV	-10	-2.60	-0.001	±2.5	PASS

Band40b	10	39200	50	#0	QAM16	NV	-20	-1.63	-0.001	±2.5	PASS
Band40b	10	39200	50	#0	QAM16	NV	-30	-0.42	0.000	±2.5	PASS
Band41(2545-2655)	20	40240	100	#0	QPSK	VL	NT	-4.23	-0.002	±2.5	PASS
Band41(2545-2655)	20	40240	100	#0	QPSK	VN	NT	-5.50	-0.002	±2.5	PASS
Band41(2545-2655)	20	40240	100	#0	QPSK	VH	NT	-4.32	-0.002	±2.5	PASS
Band41(2545-2655)	20	40240	100	#0	QPSK	NV	50	-6.53	-0.003	±2.5	PASS
Band41(2545-2655)	20	40240	100	#0	QPSK	NV	40	-5.85	-0.002	±2.5	PASS
Band41(2545-2655)	20	40240	100	#0	QPSK	NV	30	-5.50	-0.002	±2.5	PASS
Band41(2545-2655)	20	40240	100	#0	QPSK	NV	20	-3.37	-0.001	±2.5	PASS
Band41(2545-2655)	20	40240	100	#0	QPSK	NV	10	-5.96	-0.002	±2.5	PASS
Band41(2545-2655)	20	40240	100	#0	QPSK	NV	0	-5.22	-0.002	±2.5	PASS
Band41(2545-2655)	20	40240	100	#0	QPSK	NV	-10	-5.47	-0.002	±2.5	PASS
Band41(2545-2655)	20	40240	100	#0	QPSK	NV	-20	-4.50	-0.002	±2.5	PASS
Band41(2545-2655)	20	40240	100	#0	QPSK	NV	-30	-4.87	-0.002	±2.5	PASS
Band41(2545-2655)	20	40240	100	#0	QAM16	VL	NT	-6.16	-0.002	±2.5	PASS
Band41(2545-2655)	20	40240	100	#0	QAM16	VN	NT	-5.67	-0.002	±2.5	PASS
Band41(2545-2655)	20	40240	100	#0	QAM16	VH	NT	-4.57	-0.002	±2.5	PASS
Band41(2545-2655)	20	40240	100	#0	QAM16	NV	50	-3.69	-0.001	±2.5	PASS
Band41(2545-2655)	20	40240	100	#0	QAM16	NV	40	-5.95	-0.002	±2.5	PASS
Band41(2545-2655)	20	40240	100	#0	QAM16	NV	30	-4.22	-0.002	±2.5	PASS
Band41(2545-2655)	20	40240	100	#0	QAM16	NV	20	-5.43	-0.002	±2.5	PASS
Band41(2545-2655)	20	40240	100	#0	QAM16	NV	10	-4.69	-0.002	±2.5	PASS
Band41(2545-265	20	40240	100	#0	QAM16	NV	0	-5.26	-0.00	±2.5	PASS

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Band41(2545-2655)	20	40240	100	#0	QAM16	NV	-10	-4.73	-0.002	±2.5	PASS
Band41(2545-2655)	20	40240	100	#0	QAM16	NV	-20	-3.46	-0.001	±2.5	PASS
Band41(2545-2655)	20	40240	100	#0	QAM16	NV	-30	-7.38	-0.003	±2.5	PASS
Band41(2545-2655)	20	40690	100	#0	QPSK	VL	NT	-5.79	-0.002	±2.5	PASS
Band41(2545-2655)	20	40690	100	#0	QPSK	VN	NT	-2.16	-0.001	±2.5	PASS
Band41(2545-2655)	20	40690	100	#0	QPSK	VH	NT	-3.00	-0.001	±2.5	PASS
Band41(2545-2655)	20	40690	100	#0	QPSK	NV	50	-6.23	-0.002	±2.5	PASS
Band41(2545-2655)	20	40690	100	#0	QPSK	NV	40	-7.68	-0.003	±2.5	PASS
Band41(2545-2655)	20	40690	100	#0	QPSK	NV	30	-6.05	-0.002	±2.5	PASS
Band41(2545-2655)	20	40690	100	#0	QPSK	NV	20	-4.83	-0.002	±2.5	PASS
Band41(2545-2655)	20	40690	100	#0	QPSK	NV	10	-5.63	-0.002	±2.5	PASS
Band41(2545-2655)	20	40690	100	#0	QPSK	NV	0	-5.83	-0.002	±2.5	PASS
Band41(2545-2655)	20	40690	100	#0	QPSK	NV	-10	-6.03	-0.002	±2.5	PASS
Band41(2545-2655)	20	40690	100	#0	QPSK	NV	-20	-4.46	-0.002	±2.5	PASS
Band41(2545-2655)	20	40690	100	#0	QPSK	NV	-30	-4.66	-0.002	±2.5	PASS
Band41(2545-2655)	20	40690	100	#0	QAM16	VL	NT	-4.44	-0.002	±2.5	PASS
Band41(2545-2655)	20	40690	100	#0	QAM16	VN	NT	-7.75	-0.003	±2.5	PASS
Band41(2545-2655)	20	40690	100	#0	QAM16	VH	NT	-6.88	-0.003	±2.5	PASS
Band41(2545-2655)	20	40690	100	#0	QAM16	NV	50	-3.69	-0.001	±2.5	PASS
Band41(2545-2655)	20	40690	100	#0	QAM16	NV	40	-10.88	-0.004	±2.5	PASS
Band41(2545-2655)	20	40690	100	#0	QAM16	NV	30	-4.43	-0.002	±2.5	PASS
Band41(2545-265	20	40690	100	#0	QAM16	NV	20	-4.59	-0.00	±2.5	PASS

5)									2		
Band41(2545-2655)	20	40690	100	#0	QAM16	NV	10	-7.03	-0.003	±2.5	PASS
Band41(2545-2655)	20	40690	100	#0	QAM16	NV	0	-9.88	-0.004	±2.5	PASS
Band41(2545-2655)	20	40690	100	#0	QAM16	NV	-10	-5.23	-0.002	±2.5	PASS
Band41(2545-2655)	20	40690	100	#0	QAM16	NV	-20	-3.74	-0.001	±2.5	PASS
Band41(2545-2655)	20	40690	100	#0	QAM16	NV	-30	-4.76	-0.002	±2.5	PASS
Band41(2545-2655)	20	41140	100	#0	QPSK	VL	NT	-6.80	-0.003	±2.5	PASS
Band41(2545-2655)	20	41140	100	#0	QPSK	VN	NT	-5.72	-0.002	±2.5	PASS
Band41(2545-2655)	20	41140	100	#0	QPSK	VH	NT	-4.86	-0.002	±2.5	PASS
Band41(2545-2655)	20	41140	100	#0	QPSK	NV	50	-4.00	-0.002	±2.5	PASS
Band41(2545-2655)	20	41140	100	#0	QPSK	NV	40	-4.56	-0.002	±2.5	PASS
Band41(2545-2655)	20	41140	100	#0	QPSK	NV	30	-6.39	-0.002	±2.5	PASS
Band41(2545-2655)	20	41140	100	#0	QPSK	NV	20	-3.04	-0.001	±2.5	PASS
Band41(2545-2655)	20	41140	100	#0	QPSK	NV	10	-3.56	-0.001	±2.5	PASS
Band41(2545-2655)	20	41140	100	#0	QPSK	NV	0	-4.66	-0.002	±2.5	PASS
Band41(2545-2655)	20	41140	100	#0	QPSK	NV	-10	-5.46	-0.002	±2.5	PASS
Band41(2545-2655)	20	41140	100	#0	QPSK	NV	-20	-5.13	-0.002	±2.5	PASS
Band41(2545-2655)	20	41140	100	#0	QPSK	NV	-30	-4.07	-0.002	±2.5	PASS
Band41(2545-2655)	20	41140	100	#0	QAM16	VL	NT	-4.60	-0.002	±2.5	PASS
Band41(2545-2655)	20	41140	100	#0	QAM16	VN	NT	-2.60	-0.001	±2.5	PASS
Band41(2545-2655)	20	41140	100	#0	QAM16	VH	NT	-3.57	-0.001	±2.5	PASS
Band41(2545-2655)	20	41140	100	#0	QAM16	NV	50	-5.14	-0.002	±2.5	PASS
Band41(2545-265	20	41140	100	#0	QAM16	NV	40	-5.77	-0.00	±2.5	PASS

5)									2		
Band41(2545-2655)	20	41140	100	#0	QAM16	NV	30	-3.73	-0.001	±2.5	PASS
Band41(2545-2655)	20	41140	100	#0	QAM16	NV	20	-5.42	-0.002	±2.5	PASS
Band41(2545-2655)	20	41140	100	#0	QAM16	NV	10	-2.96	-0.001	±2.5	PASS
Band41(2545-2655)	20	41140	100	#0	QAM16	NV	0	-3.54	-0.001	±2.5	PASS
Band41(2545-2655)	20	41140	100	#0	QAM16	NV	-10	-0.98	0.000	±2.5	PASS
Band41(2545-2655)	20	41140	100	#0	QAM16	NV	-20	-4.53	-0.002	±2.5	PASS
Band41(2545-2655)	20	41140	100	#0	QAM16	NV	-30	-8.74	-0.003	±2.5	PASS
Band5	10	20450	50	#0	QPSK	VL	NT	-4.27	-0.005	±2.5	PASS
Band5	10	20450	50	#0	QPSK	VN	NT	-8.01	-0.010	±2.5	PASS
Band5	10	20450	50	#0	QPSK	VH	NT	-4.70	-0.006	±2.5	PASS
Band5	10	20450	50	#0	QPSK	NV	50	-5.76	-0.007	±2.5	PASS
Band5	10	20450	50	#0	QPSK	NV	40	-4.99	-0.006	±2.5	PASS
Band5	10	20450	50	#0	QPSK	NV	30	-6.55	-0.008	±2.5	PASS
Band5	10	20450	50	#0	QPSK	NV	20	-7.25	-0.009	±2.5	PASS
Band5	10	20450	50	#0	QPSK	NV	10	-6.10	-0.007	±2.5	PASS
Band5	10	20450	50	#0	QPSK	NV	0	-6.55	-0.008	±2.5	PASS
Band5	10	20450	50	#0	QPSK	NV	-10	-4.34	-0.005	±2.5	PASS
Band5	10	20450	50	#0	QPSK	NV	-20	-6.86	-0.008	±2.5	PASS
Band5	10	20450	50	#0	QPSK	NV	-30	-7.43	-0.009	±2.5	PASS
Band5	10	20450	50	#0	QAM16	VL	NT	-5.59	-0.007	±2.5	PASS
Band5	10	20450	50	#0	QAM16	VN	NT	-6.09	-0.007	±2.5	PASS
Band5	10	20450	50	#0	QAM16	VH	NT	-5.67	-0.00	±2.5	PASS

									7		
Band5	10	20450	50	#0	QAM16	NV	50	-6.19	-0.007	±2.5	PASS
Band5	10	20450	50	#0	QAM16	NV	40	-8.15	-0.010	±2.5	PASS
Band5	10	20450	50	#0	QAM16	NV	30	-9.62	-0.012	±2.5	PASS
Band5	10	20450	50	#0	QAM16	NV	20	-7.41	-0.009	±2.5	PASS
Band5	10	20450	50	#0	QAM16	NV	10	-2.74	-0.003	±2.5	PASS
Band5	10	20450	50	#0	QAM16	NV	0	-2.13	-0.003	±2.5	PASS
Band5	10	20450	50	#0	QAM16	NV	-10	-2.41	-0.003	±2.5	PASS
Band5	10	20450	50	#0	QAM16	NV	-20	-3.74	-0.005	±2.5	PASS
Band5	10	20450	50	#0	QAM16	NV	-30	-5.33	-0.006	±2.5	PASS
Band5	10	20525	50	#0	QPSK	VL	NT	-6.30	-0.008	±2.5	PASS
Band5	10	20525	50	#0	QPSK	VN	NT	-8.85	-0.011	±2.5	PASS
Band5	10	20525	50	#0	QPSK	VH	NT	-5.06	-0.006	±2.5	PASS
Band5	10	20525	50	#0	QPSK	NV	50	-5.67	-0.007	±2.5	PASS
Band5	10	20525	50	#0	QPSK	NV	40	-5.23	-0.006	±2.5	PASS
Band5	10	20525	50	#0	QPSK	NV	30	-6.65	-0.008	±2.5	PASS
Band5	10	20525	50	#0	QPSK	NV	20	-8.91	-0.011	±2.5	PASS
Band5	10	20525	50	#0	QPSK	NV	10	-7.46	-0.009	±2.5	PASS
Band5	10	20525	50	#0	QPSK	NV	0	-8.78	-0.010	±2.5	PASS
Band5	10	20525	50	#0	QPSK	NV	-10	-6.43	-0.008	±2.5	PASS
Band5	10	20525	50	#0	QPSK	NV	-20	-7.66	-0.009	±2.5	PASS
Band5	10	20525	50	#0	QPSK	NV	-30	-9.59	-0.011	±2.5	PASS
Band5	10	20525	50	#0	QAM16	VL	NT	-9.16	-0.01	±2.5	PASS

									1		
Band5	10	20525	50	#0	QAM16	VN	NT	-7.51	-0.009	±2.5	PASS
Band5	10	20525	50	#0	QAM16	VH	NT	-7.43	-0.009	±2.5	PASS
Band5	10	20525	50	#0	QAM16	NV	50	-6.35	-0.008	±2.5	PASS
Band5	10	20525	50	#0	QAM16	NV	40	-5.86	-0.007	±2.5	PASS
Band5	10	20525	50	#0	QAM16	NV	30	-5.37	-0.006	±2.5	PASS
Band5	10	20525	50	#0	QAM16	NV	20	-5.32	-0.006	±2.5	PASS
Band5	10	20525	50	#0	QAM16	NV	10	-6.45	-0.008	±2.5	PASS
Band5	10	20525	50	#0	QAM16	NV	0	-5.07	-0.006	±2.5	PASS
Band5	10	20525	50	#0	QAM16	NV	-10	-4.49	-0.005	±2.5	PASS
Band5	10	20525	50	#0	QAM16	NV	-20	-4.42	-0.005	±2.5	PASS
Band5	10	20525	50	#0	QAM16	NV	-30	-7.82	-0.009	±2.5	PASS
Band5	10	20600	50	#0	QPSK	VL	NT	-5.76	-0.007	±2.5	PASS
Band5	10	20600	50	#0	QPSK	VN	NT	-8.82	-0.010	±2.5	PASS
Band5	10	20600	50	#0	QPSK	VH	NT	-4.67	-0.006	±2.5	PASS
Band5	10	20600	50	#0	QPSK	NV	50	-8.23	-0.010	±2.5	PASS
Band5	10	20600	50	#0	QPSK	NV	40	-5.14	-0.006	±2.5	PASS
Band5	10	20600	50	#0	QPSK	NV	30	-7.89	-0.009	±2.5	PASS
Band5	10	20600	50	#0	QPSK	NV	20	-7.95	-0.009	±2.5	PASS
Band5	10	20600	50	#0	QPSK	NV	10	-4.81	-0.010	±2.5	PASS
Band5	10	20600	50	#0	QPSK	NV	0	-2.01	-0.001	±2.5	PASS
Band5	10	20600	50	#0	QPSK	NV	-10	-5.03	-0.011	±2.5	PASS
Band5	10	20600	50	#0	QPSK	NV	-20	-4.52	-0.00	±2.5	PASS

									5		
Band5	10	20600	50	#0	QPSK	NV	-30	-6.19	-0.007	±2.5	PASS
Band5	10	20600	50	#0	QAM16	VL	NT	-6.55	-0.008	±2.5	PASS
Band5	10	20600	50	#0	QAM16	VN	NT	-5.86	-0.007	±2.5	PASS
Band5	10	20600	50	#0	QAM16	VH	NT	-6.16	-0.007	±2.5	PASS
Band5	10	20600	50	#0	QAM16	NV	50	-6.50	-0.008	±2.5	PASS
Band5	10	20600	50	#0	QAM16	NV	40	-5.24	-0.006	±2.5	PASS
Band5	10	20600	50	#0	QAM16	NV	30	-6.30	-0.007	±2.5	PASS
Band5	10	20600	50	#0	QAM16	NV	20	-7.22	-0.009	±2.5	PASS
Band5	10	20600	50	#0	QAM16	NV	10	-6.60	-0.008	±2.5	PASS
Band5	10	20600	50	#0	QAM16	NV	0	-5.87	-0.007	±2.5	PASS
Band5	10	20600	50	#0	QAM16	NV	-10	-5.09	-0.006	±2.5	PASS
Band5	10	20600	50	#0	QAM16	NV	-20	-6.39	-0.008	±2.5	PASS
Band5	10	20600	50	#0	QAM16	NV	-30	-7.79	-0.009	±2.5	PASS
Band7	20	20850	100	#0	QPSK	VL	NT	-8.27	-0.008	±2.5	PASS
Band7	20	20850	100	#0	QPSK	VN	NT	5.47	0.002	±2.5	PASS
Band7	20	20850	100	#0	QPSK	VH	NT	2.82	0.001	±2.5	PASS
Band7	20	20850	100	#0	QPSK	NV	50	-13.84	-0.006	±2.5	PASS
Band7	20	20850	100	#0	QPSK	NV	40	-6.82	-0.006	±2.5	PASS
Band7	20	20850	100	#0	QPSK	NV	30	-14.19	-0.006	±2.5	PASS
Band7	20	20850	100	#0	QPSK	NV	20	-14.05	-0.006	±2.5	PASS
Band7	20	20850	100	#0	QPSK	NV	10	-13.90	-0.006	±2.5	PASS
Band7	20	20850	100	#0	QPSK	NV	0	-7.75	-0.003	±2.5	PASS
Band7	20	20850	100	#0	QPSK	NV	-10	-8.91	-0.00	±2.5	PASS

									4		
Band7	20	20850	100	#0	QPSK	NV	-20	-13.01	-0.005	±2.5	PASS
Band7	20	20850	100	#0	QPSK	NV	-30	-9.06	-0.004	±2.5	PASS
Band7	20	20850	100	#0	QAM16	VL	NT	5.62	0.002	±2.5	PASS
Band7	20	20850	100	#0	QAM16	VN	NT	3.67	0.001	±2.5	PASS
Band7	20	20850	100	#0	QAM16	VH	NT	1.67	0.001	±2.5	PASS
Band7	20	20850	100	#0	QAM16	NV	50	-0.68	0.000	±2.5	PASS
Band7	20	20850	100	#0	QAM16	NV	40	-3.93	-0.002	±2.5	PASS
Band7	20	20850	100	#0	QAM16	NV	30	2.05	0.001	±2.5	PASS
Band7	20	20850	100	#0	QAM16	NV	20	-3.73	-0.001	±2.5	PASS
Band7	20	20850	100	#0	QAM16	NV	10	-5.20	-0.002	±2.5	PASS
Band7	20	20850	100	#0	QAM16	NV	0	-5.50	-0.002	±2.5	PASS
Band7	20	20850	100	#0	QAM16	NV	-10	-5.39	-0.002	±2.5	PASS
Band7	20	20850	100	#0	QAM16	NV	-20	-4.94	-0.002	±2.5	PASS
Band7	20	20850	100	#0	QAM16	NV	-30	-13.20	-0.005	±2.5	PASS
Band7	20	21100	100	#0	QPSK	VL	NT	-1.91	-0.001	±2.5	PASS
Band7	20	21100	100	#0	QPSK	VN	NT	-4.79	-0.002	±2.5	PASS
Band7	20	21100	100	#0	QPSK	VH	NT	-2.94	-0.001	±2.5	PASS
Band7	20	21100	100	#0	QPSK	NV	50	-5.67	-0.002	±2.5	PASS
Band7	20	21100	100	#0	QPSK	NV	40	-2.91	-0.001	±2.5	PASS
Band7	20	21100	100	#0	QPSK	NV	30	-3.36	-0.001	±2.5	PASS
Band7	20	21100	100	#0	QPSK	NV	20	-5.03	-0.002	±2.5	PASS
Band7	20	21100	100	#0	QPSK	NV	10	-3.81	-0.002	±2.5	PASS
Band7	20	21100	100	#0	QPSK	NV	0	-5.70	-0.002	±2.5	PASS
Band7	20	21100	100	#0	QPSK	NV	-10	-6.20	-0.002	±2.5	PASS

Band7	20	21100	100	#0	QPSK	NV	-20	-1.73	-0.001	±2.5	PASS
Band7	20	21100	100	#0	QPSK	NV	-30	-1.94	-0.001	±2.5	PASS
Band7	20	21100	100	#0	QAM16	VL	NT	-4.49	-0.002	±2.5	PASS
Band7	20	21100	100	#0	QAM16	VN	NT	-1.74	-0.001	±2.5	PASS
Band7	20	21100	100	#0	QAM16	VH	NT	-2.58	-0.001	±2.5	PASS
Band7	20	21100	100	#0	QAM16	NV	50	-2.37	-0.001	±2.5	PASS
Band7	20	21100	100	#0	QAM16	NV	40	-2.90	-0.001	±2.5	PASS
Band7	20	21100	100	#0	QAM16	NV	30	-3.31	-0.001	±2.5	PASS
Band7	20	21100	100	#0	QAM16	NV	20	-2.23	-0.001	±2.5	PASS
Band7	20	21100	100	#0	QAM16	NV	10	-1.94	-0.001	±2.5	PASS
Band7	20	21100	100	#0	QAM16	NV	0	-3.99	-0.002	±2.5	PASS
Band7	20	21100	100	#0	QAM16	NV	-10	-7.53	-0.003	±2.5	PASS
Band7	20	21100	100	#0	QAM16	NV	-20	-7.52	-0.003	±2.5	PASS
Band7	20	21100	100	#0	QAM16	NV	-30	-7.08	-0.003	±2.5	PASS
Band7	20	21350	100	#0	QPSK	VL	NT	-6.69	-0.003	±2.5	PASS
Band7	20	21350	100	#0	QPSK	VN	NT	-8.62	-0.003	±2.5	PASS
Band7	20	21350	100	#0	QPSK	VH	NT	-7.82	-0.003	±2.5	PASS
Band7	20	21350	100	#0	QPSK	NV	50	-8.41	-0.003	±2.5	PASS
Band7	20	21350	100	#0	QPSK	NV	40	-9.51	-0.004	±2.5	PASS
Band7	20	21350	100	#0	QPSK	NV	30	-10.21	-0.004	±2.5	PASS
Band7	20	21350	100	#0	QPSK	NV	20	-8.39	-0.003	±2.5	PASS
Band7	20	21350	100	#0	QPSK	NV	10	-8.26	-0.003	±2.5	PASS

Band7	20	21350	100	#0	QPSK	NV	0	-9.55	-0.004	±2.5	PASS
Band7	20	21350	100	#0	QPSK	NV	-10	-7.86	-0.003	±2.5	PASS
Band7	20	21350	100	#0	QPSK	NV	-20	-8.12	-0.003	±2.5	PASS
Band7	20	21350	100	#0	QPSK	NV	-30	-9.54	-0.004	±2.5	PASS
Band7	20	21350	100	#0	QAM16	VL	NT	-11.35	-0.004	±2.5	PASS
Band7	20	21350	100	#0	QAM16	VN	NT	-11.55	-0.005	±2.5	PASS
Band7	20	21350	100	#0	QAM16	VH	NT	-12.44	-0.005	±2.5	PASS
Band7	20	21350	100	#0	QAM16	NV	50	-10.42	-0.004	±2.5	PASS
Band7	20	21350	100	#0	QAM16	NV	40	-8.25	-0.003	±2.5	PASS
Band7	20	21350	100	#0	QAM16	NV	30	-4.69	-0.002	±2.5	PASS
Band7	20	21350	100	#0	QAM16	NV	20	-9.57	-0.004	±2.5	PASS
Band7	20	21350	100	#0	QAM16	NV	10	-4.92	-0.002	±2.5	PASS
Band7	20	21350	100	#0	QAM16	NV	0	-4.97	-0.002	±2.5	PASS
Band7	20	21350	100	#0	QAM16	NV	-10	-6.39	-0.002	±2.5	PASS
Band7	20	21350	100	#0	QAM16	NV	-20	-5.37	-0.002	±2.5	PASS
Band7	20	21350	100	#0	QAM16	NV	-30	-5.46	-0.002	±2.5	PASS

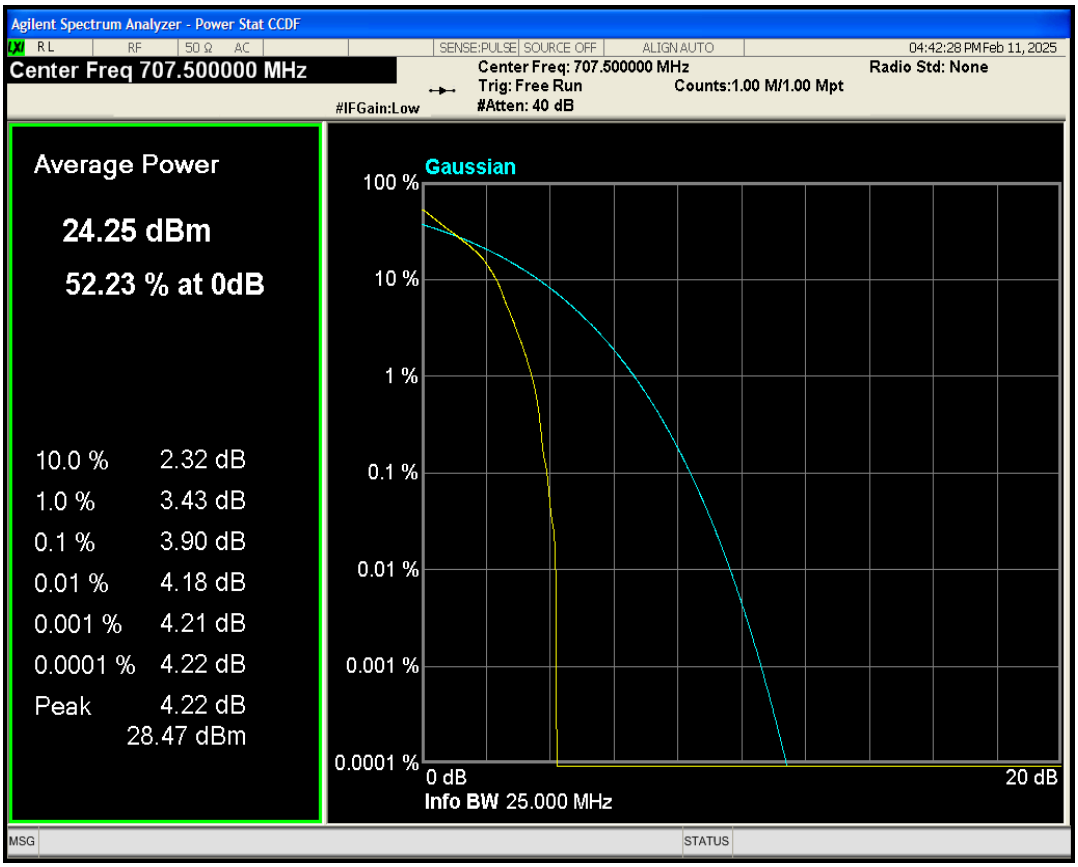
3 Peak-to-Average Ratio

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
Band12	1.4	23095	1	#0	QPSK	3.90	13	PASS
Band12	1.4	23095	1	#0	QAM16	4.83	13	PASS
Band12	3	23095	1	#0	QPSK	3.90	13	PASS
Band12	3	23095	1	#0	QAM16	4.80	13	PASS
Band12	5	23095	1	#0	QPSK	4.23	13	PASS
Band12	5	23095	1	#0	QAM16	4.81	13	PASS
Band12	10	23095	1	#0	QPSK	4.36	13	PASS
Band12	10	23095	1	#0	QAM16	5.33	13	PASS

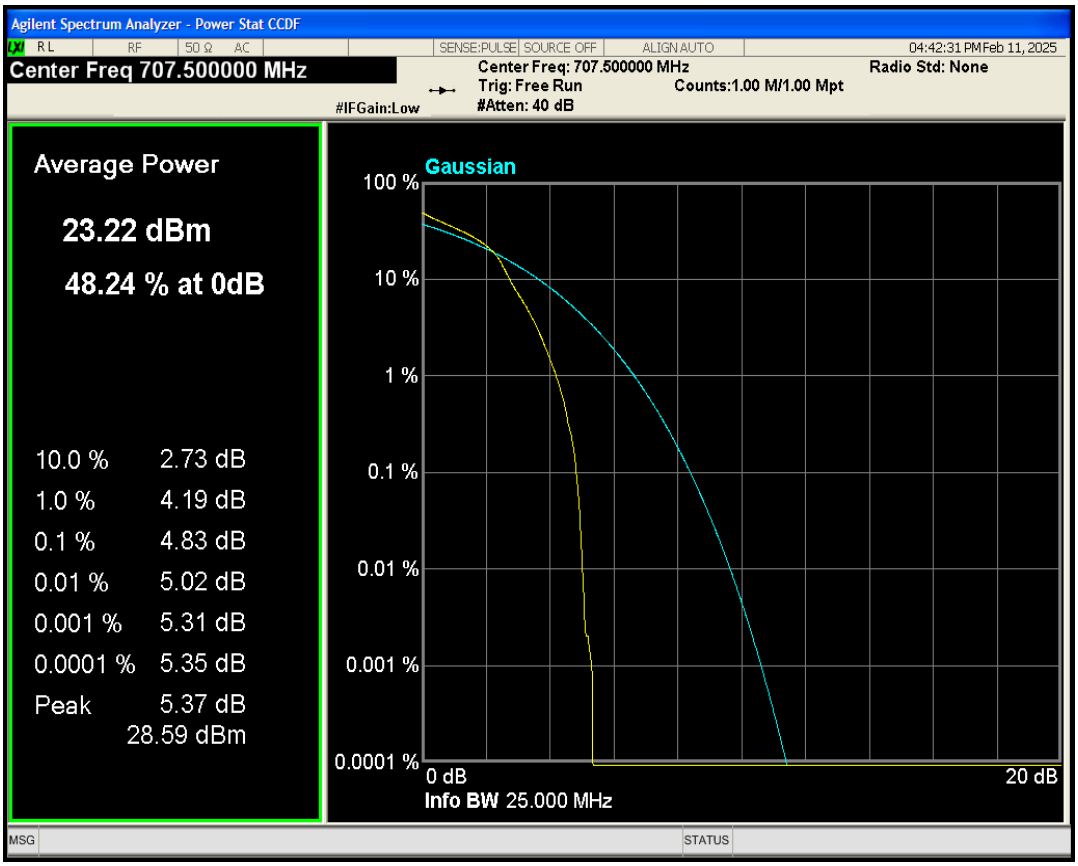
Band17	5	23790	1	#0	QPSK	3.82	13	PASS
Band17	5	23790	1	#0	QAM16	4.55	13	PASS
Band17	10	23790	1	#0	QPSK	3.86	13	PASS
Band17	10	23790	1	#0	QAM16	4.72	13	PASS
Band2	1.4	18900	1	#0	QPSK	5.44	13	PASS
Band2	1.4	18900	1	#0	QAM16	6.27	13	PASS
Band2	3	18900	1	#0	QPSK	5.26	13	PASS
Band2	3	18900	1	#0	QAM16	6.05	13	PASS
Band2	5	18900	1	#0	QPSK	5.52	13	PASS
Band2	5	18900	1	#0	QAM16	5.91	13	PASS
Band2	10	18900	1	#0	QPSK	5.18	13	PASS
Band2	10	18900	1	#0	QAM16	5.93	13	PASS
Band2	15	18900	1	#0	QPSK	5.09	13	PASS
Band2	15	18900	1	#0	QAM16	5.91	13	PASS
Band2	20	18900	1	#0	QPSK	5.05	13	PASS
Band2	20	18900	1	#0	QAM16	5.57	13	PASS
Band38	5	38000	1	#0	QPSK	3.88	13	PASS
Band38	5	38000	1	#0	QAM16	5.96	13	PASS
Band38	10	38000	1	#0	QPSK	4.57	13	PASS
Band38	10	38000	1	#0	QAM16	3.52	13	PASS
Band38	15	38000	1	#0	QPSK	3.42	13	PASS
Band38	15	38000	1	#0	QAM16	5.66	13	PASS
Band38	20	38000	1	#0	QPSK	3.28	13	PASS
Band38	20	38000	1	#0	QAM16	5.84	13	PASS
Band4	1.4	20175	1	#0	QPSK	4.32	13	PASS
Band4	1.4	20175	1	#0	QAM16	5.18	13	PASS
Band4	3	20175	1	#0	QPSK	4.22	13	PASS
Band4	3	20175	1	#0	QAM16	5.04	13	PASS
Band4	5	20175	1	#0	QPSK	4.21	13	PASS
Band4	5	20175	1	#0	QAM16	4.85	13	PASS
Band4	10	20175	1	#0	QPSK	3.97	13	PASS
Band4	10	20175	1	#0	QAM16	4.83	13	PASS
Band4	15	20175	1	#0	QPSK	3.75	13	PASS
Band4	15	20175	1	#0	QAM16	4.63	13	PASS
Band4	20	20175	1	#0	QPSK	3.62	13	PASS
Band4	20	20175	1	#0	QAM16	4.33	13	PASS
Band40a	5	38750	1	#0	QPSK	4.48	13	PASS
Band40a	5	38750	1	#0	QAM16	5.24	13	PASS
Band40a	10	38750	1	#0	QPSK	4.77	13	PASS
Band40a	10	38750	1	#0	QAM16	5.17	13	PASS
Band40b	5	39200	1	#0	QPSK	4.56	13	PASS
Band40b	5	39200	1	#0	QAM16	5.58	13	PASS
Band40b	10	39200	1	#0	QPSK	5.17	13	PASS
Band40b	10	39200	1	#0	QAM16	8.52	13	PASS

Band41(2545-2655)	5	40690	1	#0	QPSK	4.48	13	PASS
Band41(2545-2655)	5	40690	1	#0	QAM16	5.41	13	PASS
Band41(2545-2655)	10	40690	1	#0	QPSK	4.67	13	PASS
Band41(2545-2655)	10	40690	1	#0	QAM16	3.69	13	PASS
Band41(2545-2655)	15	40690	1	#0	QPSK	6.33	13	PASS
Band41(2545-2655)	15	40690	1	#0	QAM16	5.35	13	PASS
Band41(2545-2655)	20	40690	1	#0	QPSK	5.65	13	PASS
Band41(2545-2655)	20	40690	1	#0	QAM16	6.26	13	PASS
Band5	1.4	20525	1	#0	QPSK	4.83	13	PASS
Band5	1.4	20525	1	#0	QAM16	5.60	13	PASS
Band5	3	20525	1	#0	QPSK	4.68	13	PASS
Band5	3	20525	1	#0	QAM16	5.56	13	PASS
Band5	5	20525	1	#0	QPSK	4.79	13	PASS
Band5	5	20525	1	#0	QAM16	5.44	13	PASS
Band5	10	20525	1	#0	QPSK	4.32	13	PASS
Band5	10	20525	1	#0	QAM16	5.17	13	PASS
Band7	5	21100	1	#0	QPSK	2.32	13	PASS
Band7	5	21100	1	#0	QAM16	3.44	13	PASS
Band7	10	21100	1	#0	QPSK	2.73	13	PASS
Band7	10	21100	1	#0	QAM16	3.81	13	PASS
Band7	15	21100	1	#0	QPSK	2.90	13	PASS
Band7	15	21100	1	#0	QAM16	3.80	13	PASS
Band7	20	21100	1	#0	QPSK	2.70	13	PASS
Band7	20	21100	1	#0	QAM16	3.50	13	PASS

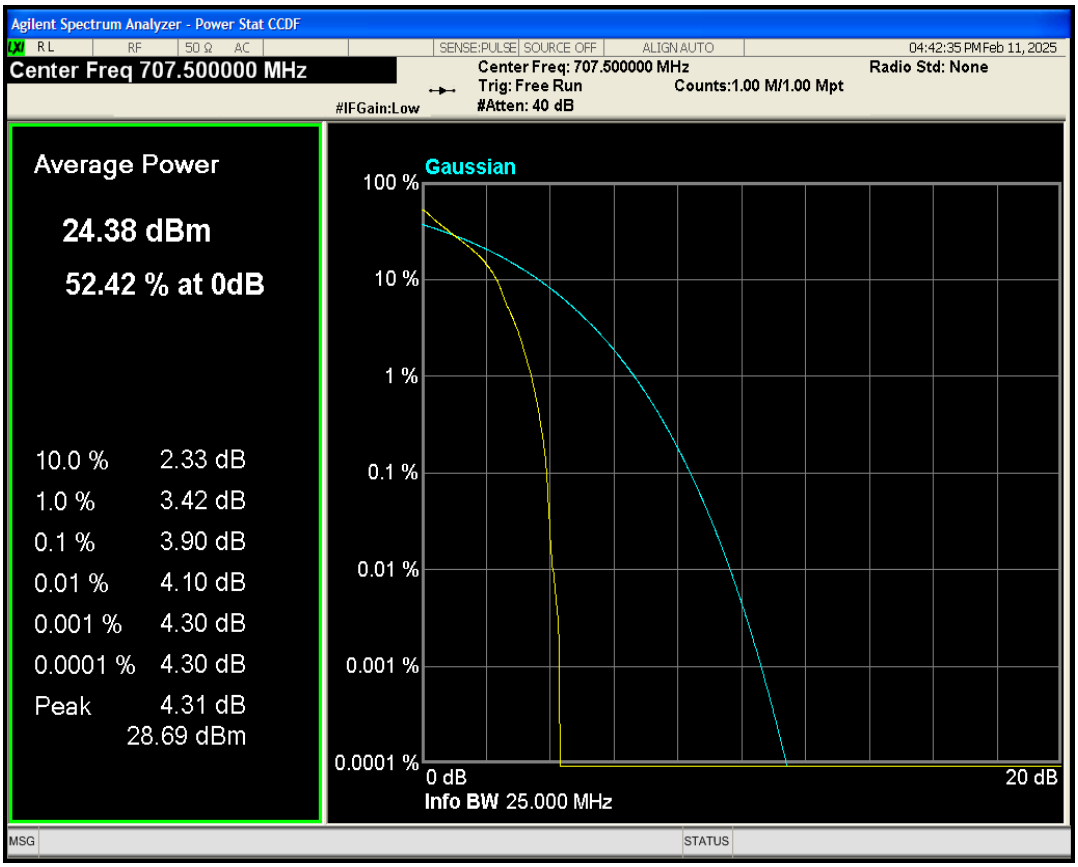
Band12 QPSK BW=1.4MHz Channel=23095 RB Size=1 Position=#0



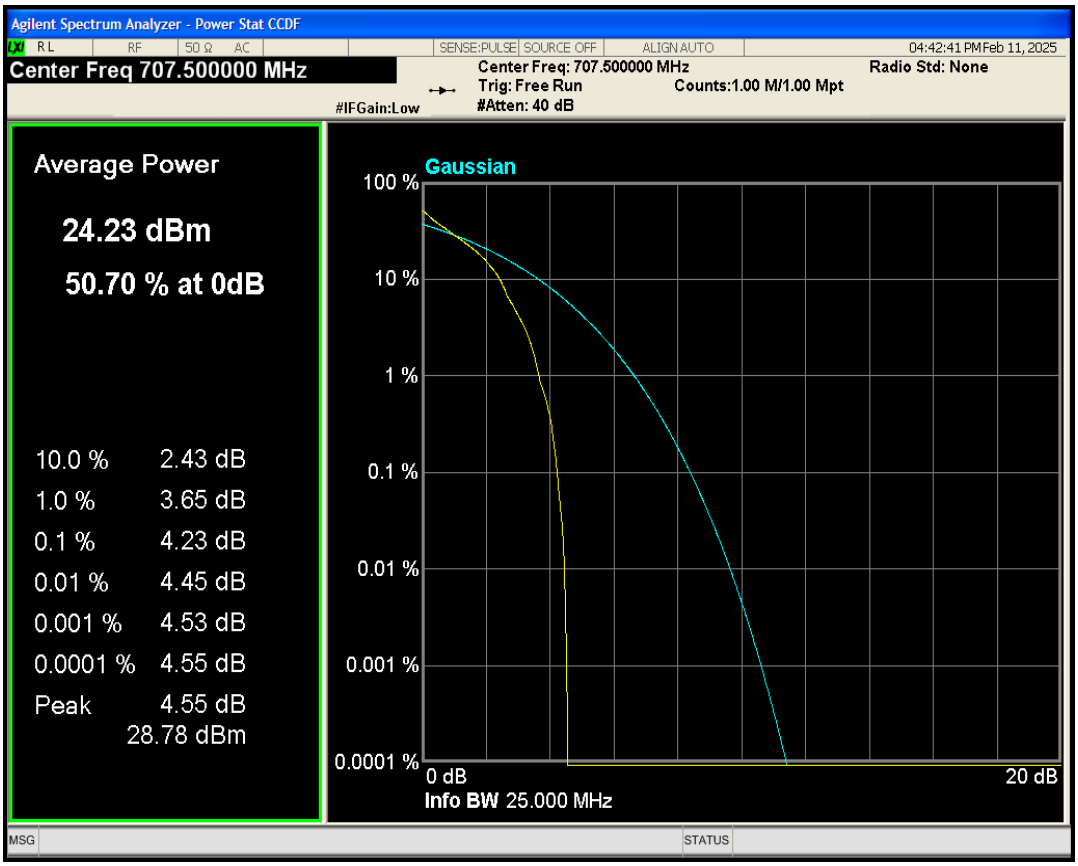
Band12 QAM16 BW=1.4MHz Channel=23095 RB Size=1 Position=#0



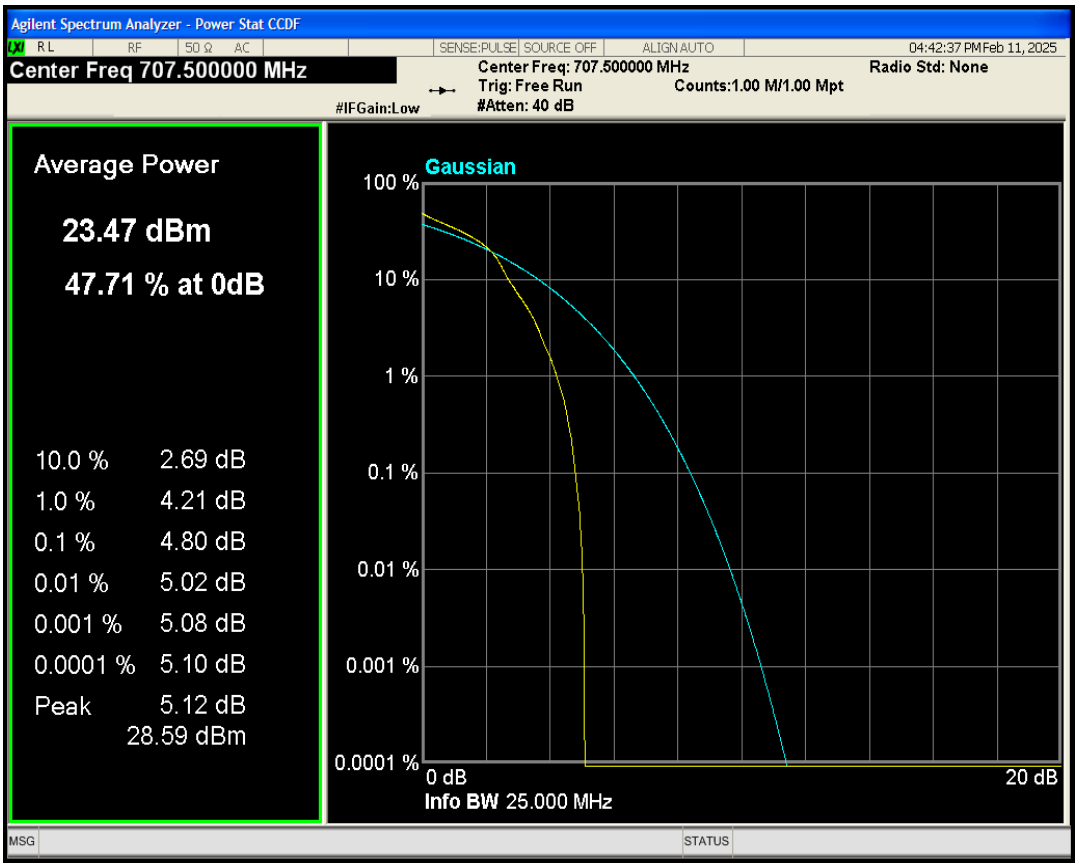
Band12 QPSK BW=3MHz Channel=23095 RB Size=1 Position=#0



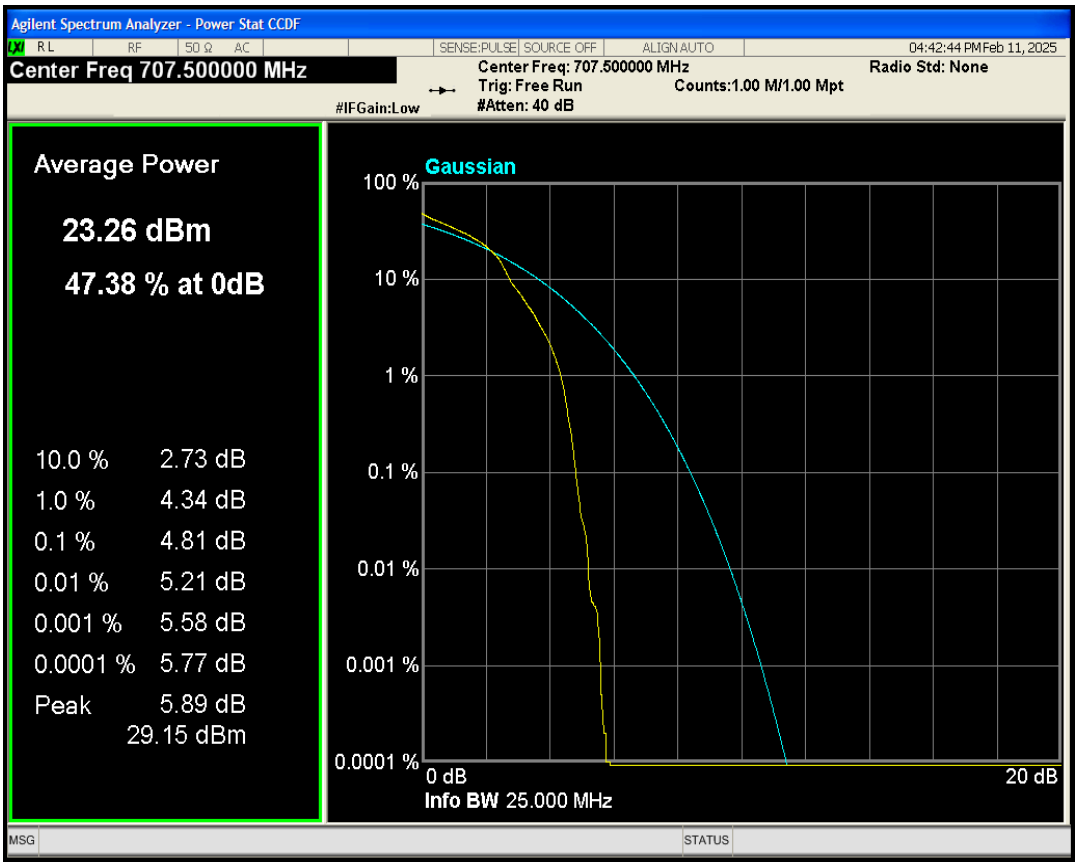
Band12 QPSK BW=5MHz Channel=23095 RB Size=1 Position=#0



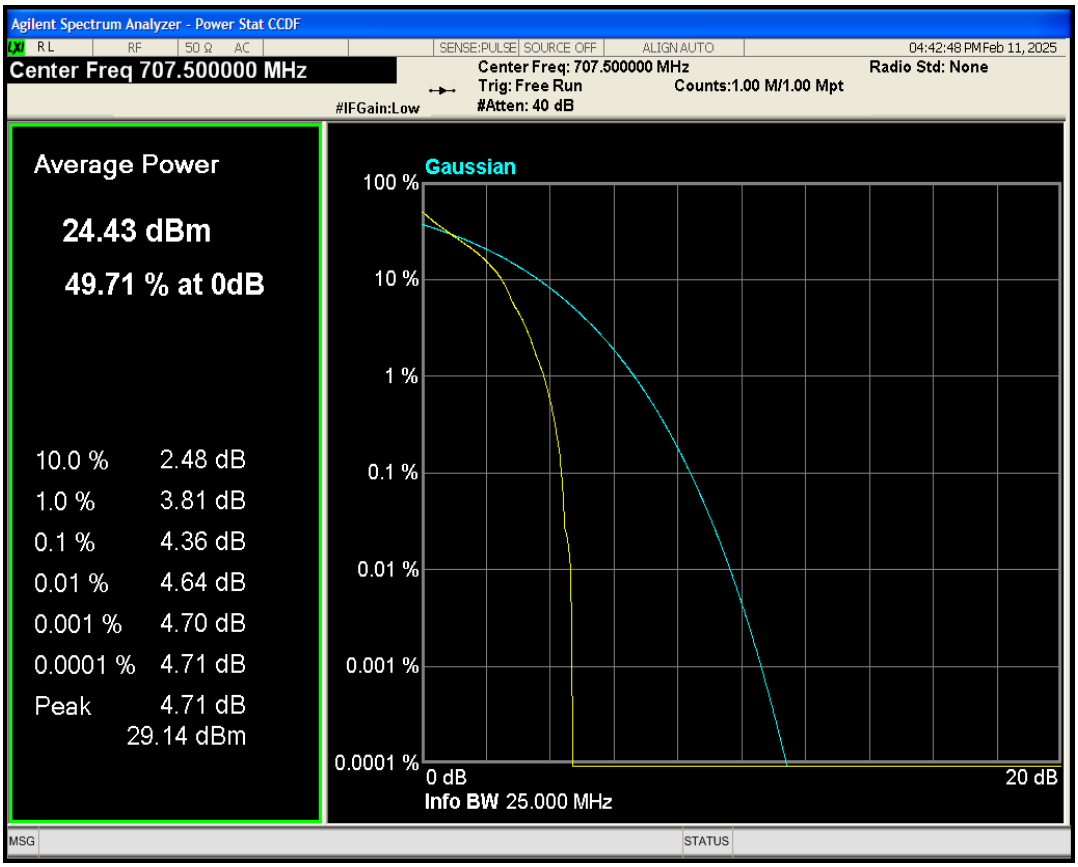
Band12 QAM16 BW=3MHz Channel=23095 RB Size=1 Position=#0



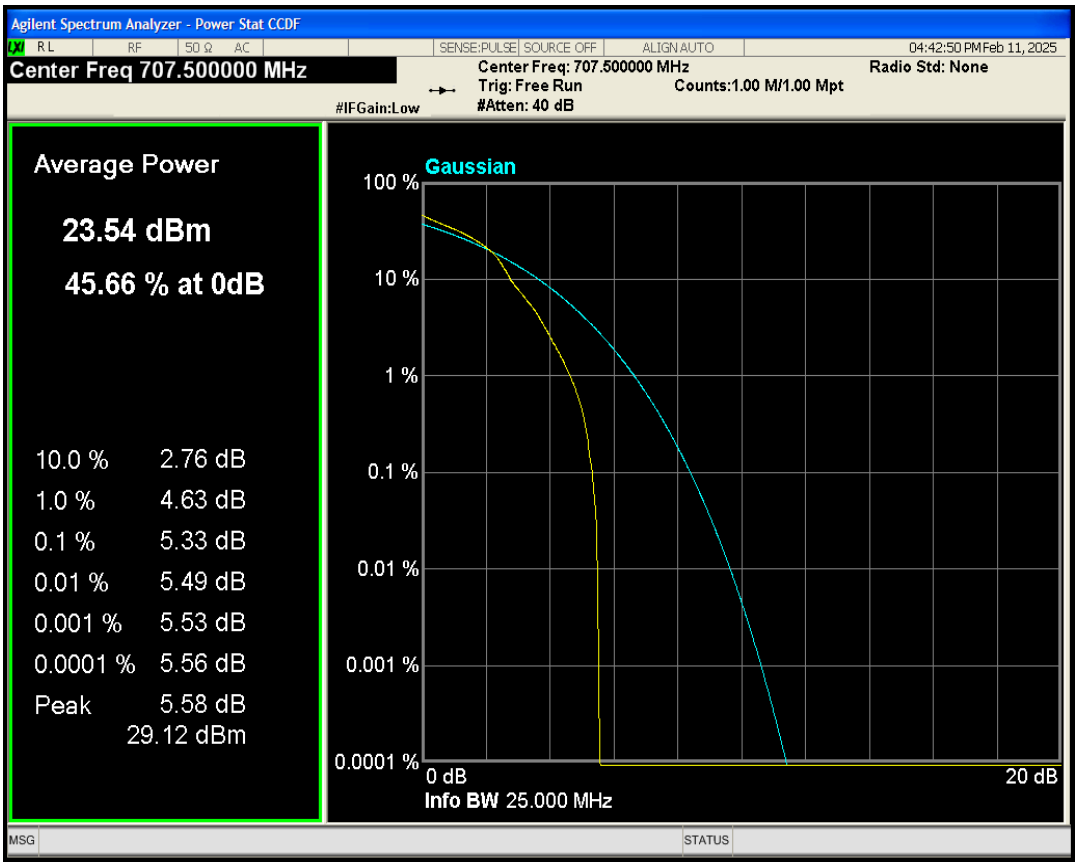
Band12 QAM16 BW=5MHz Channel=23095 RB Size=1 Position=#0



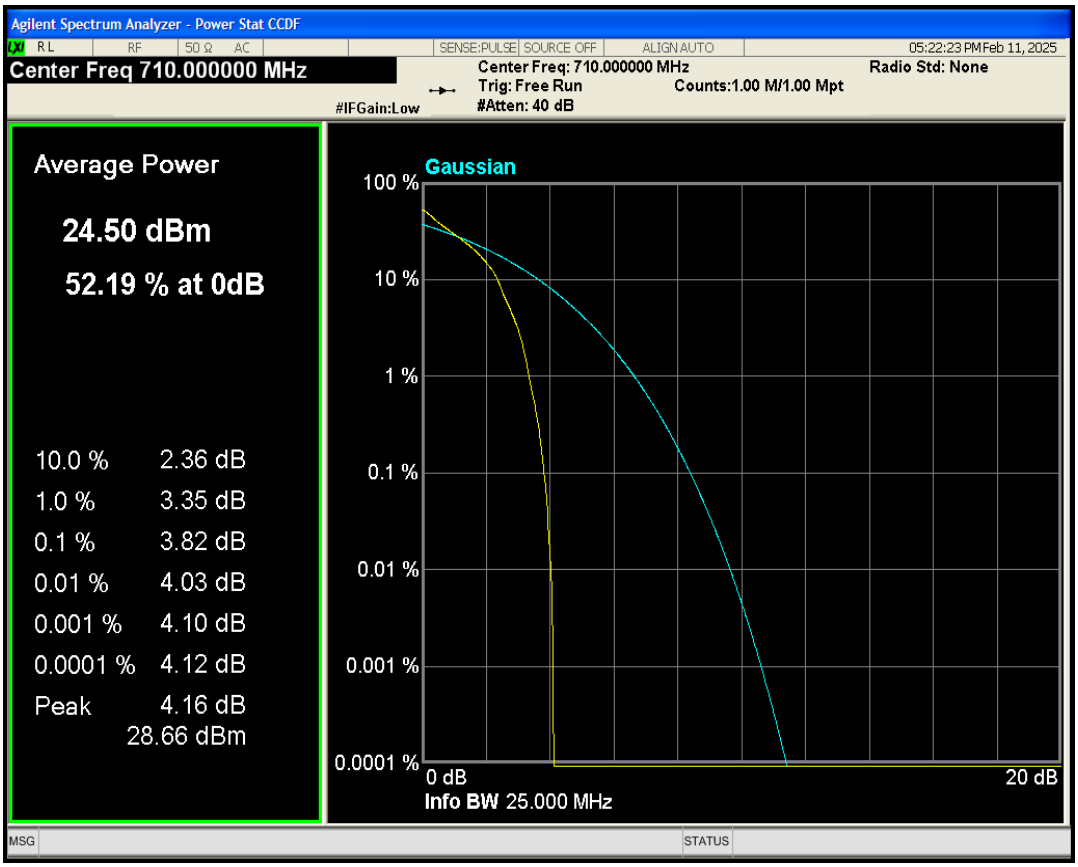
Band12 QPSK BW=10MHz Channel=23095 RB Size=1 Position=#0



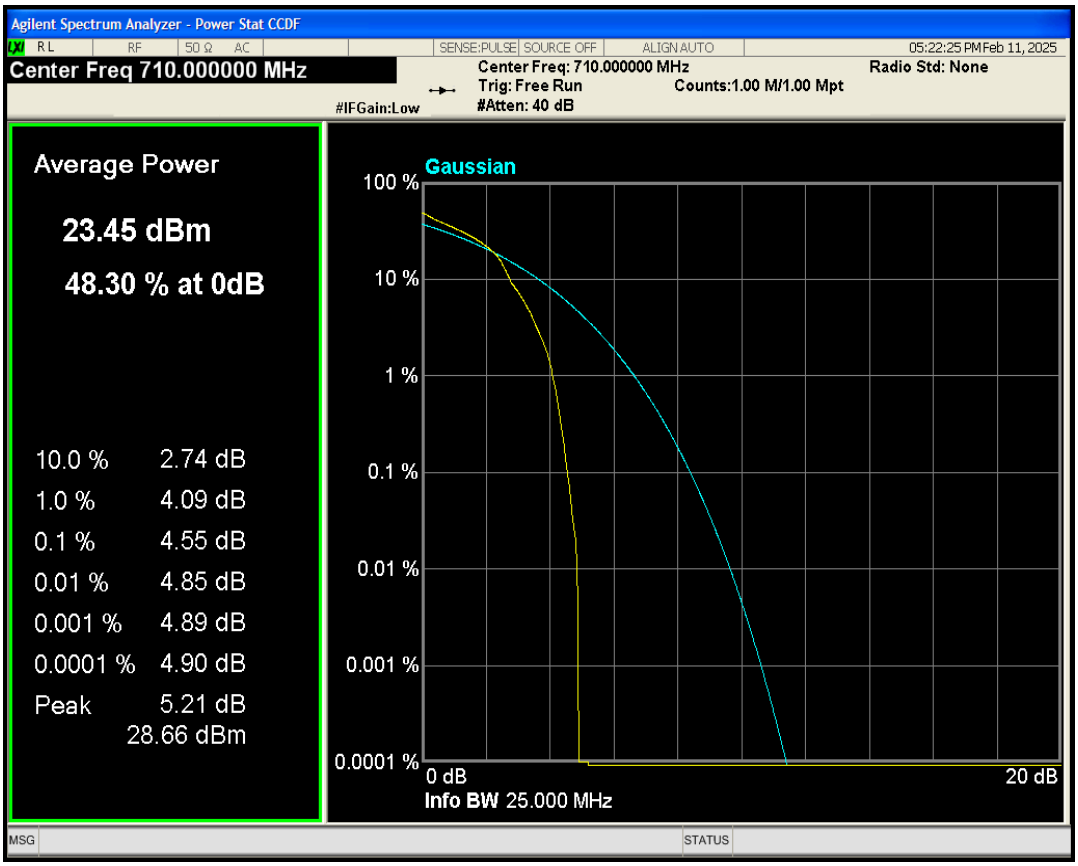
Band12 QAM16 BW=10MHz Channel=23095 RB Size=1 Position=#0



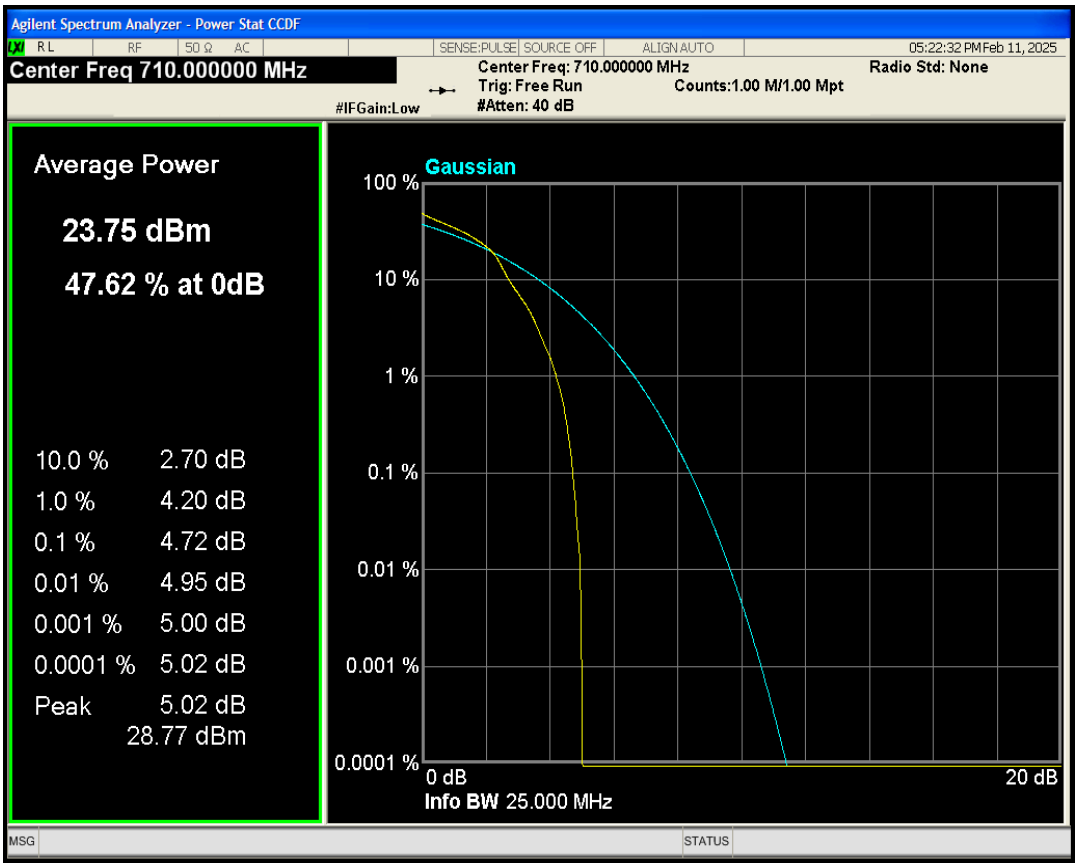
Band17 QPSK BW=5MHz Channel=23790 RB Size=1 Position=#0



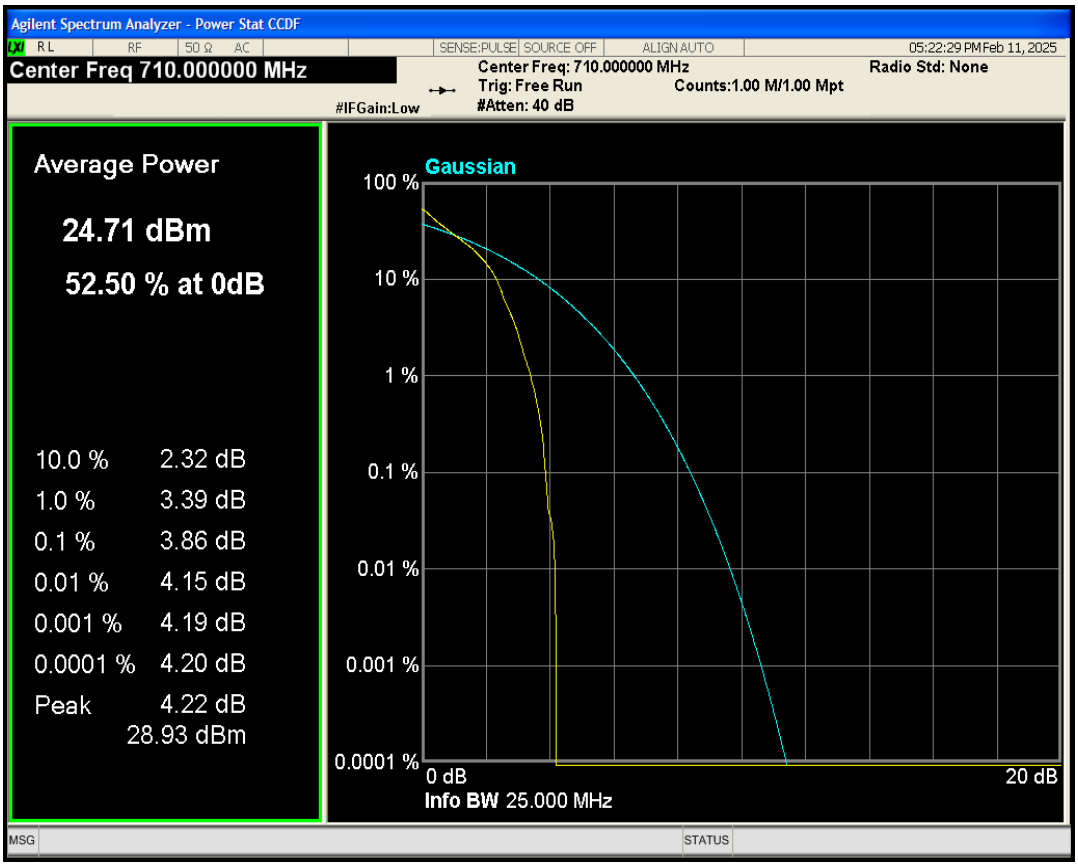
Band17 QAM16 BW=5MHz Channel=23790 RB Size=1 Position=#0



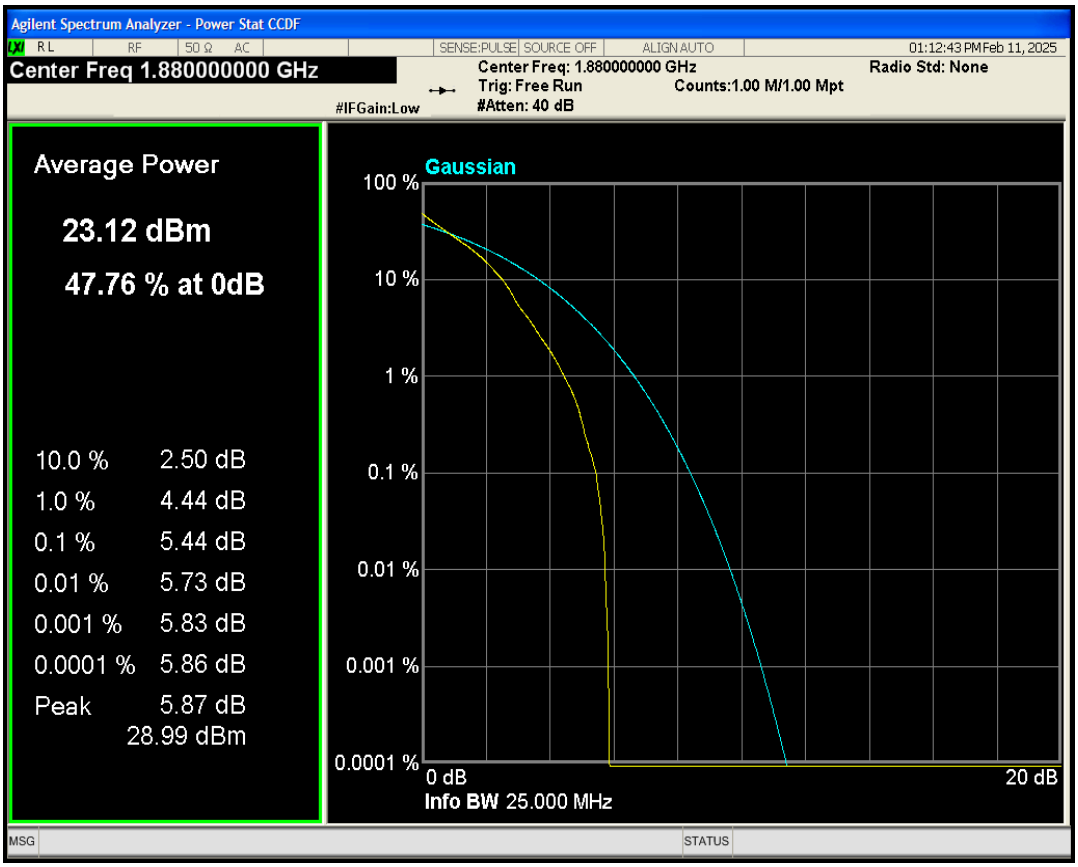
Band17 QAM16 BW=10MHz Channel=23790 RB Size=1 Position=#0



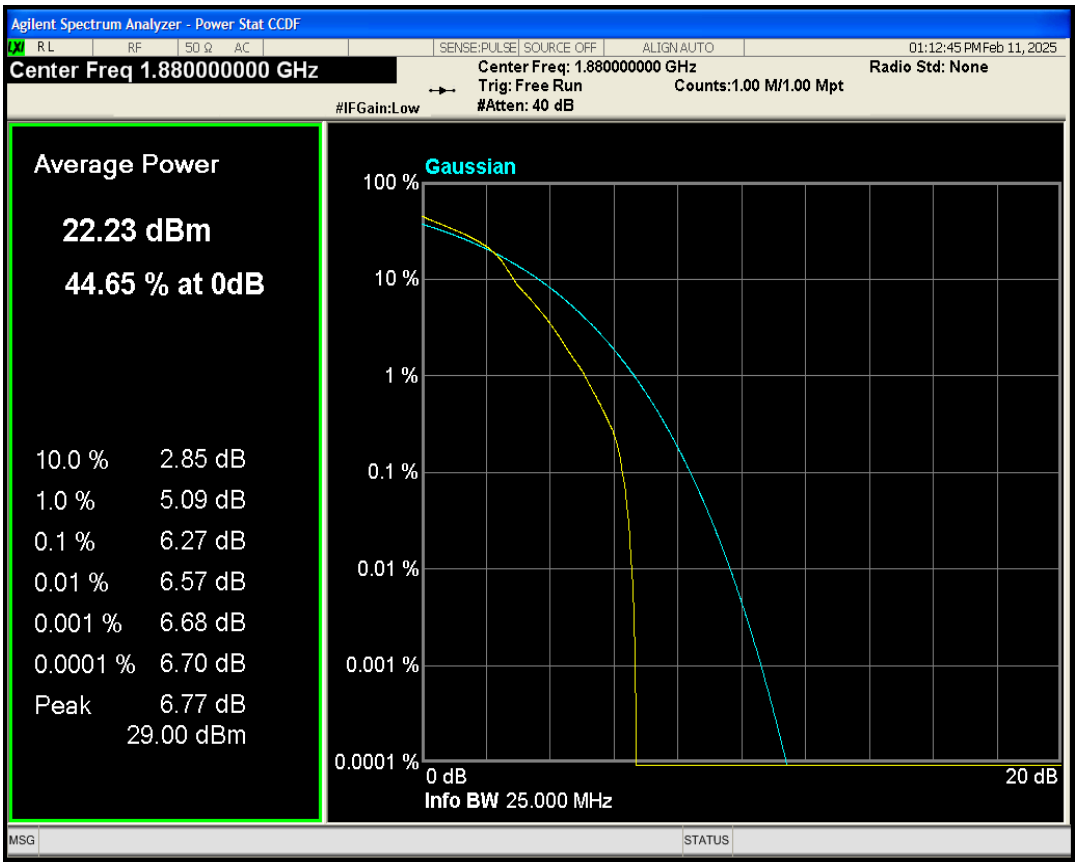
Band17 QPSK BW=10MHz Channel=23790 RB Size=1 Position=#0



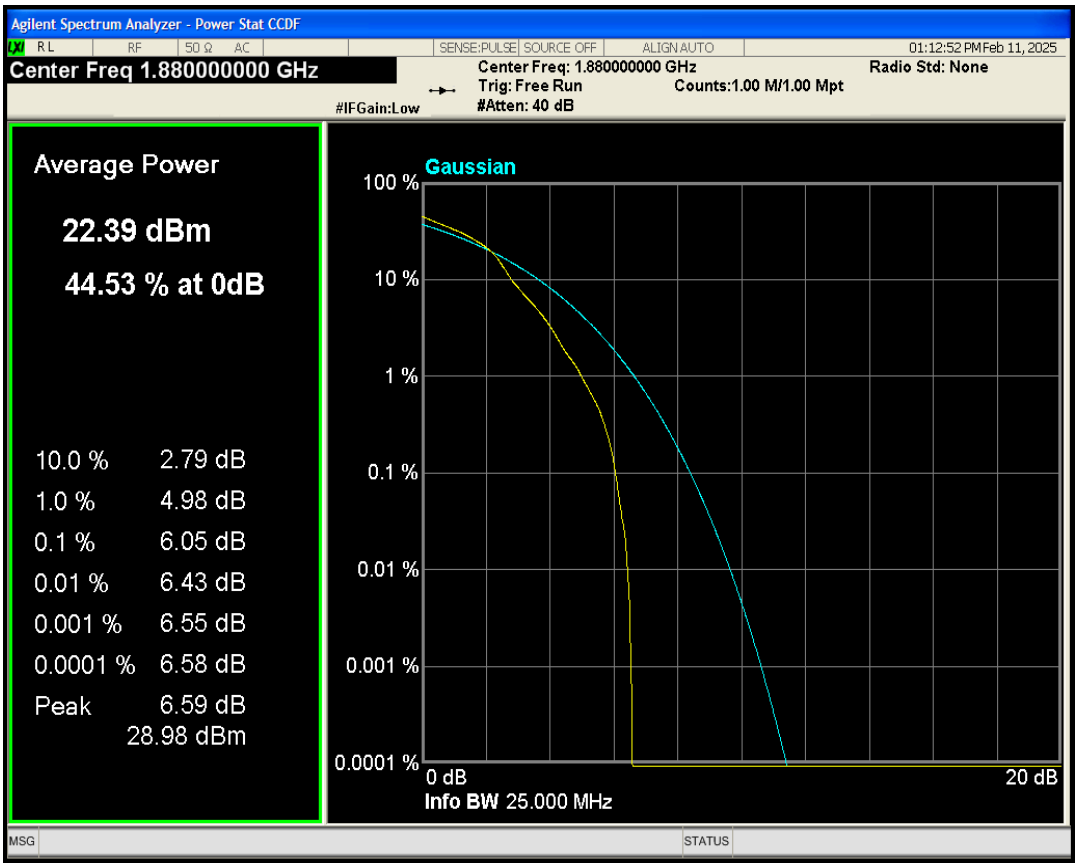
Band2 QPSK BW=1.4MHz Channel=18900 RB Size=1 Position=#0



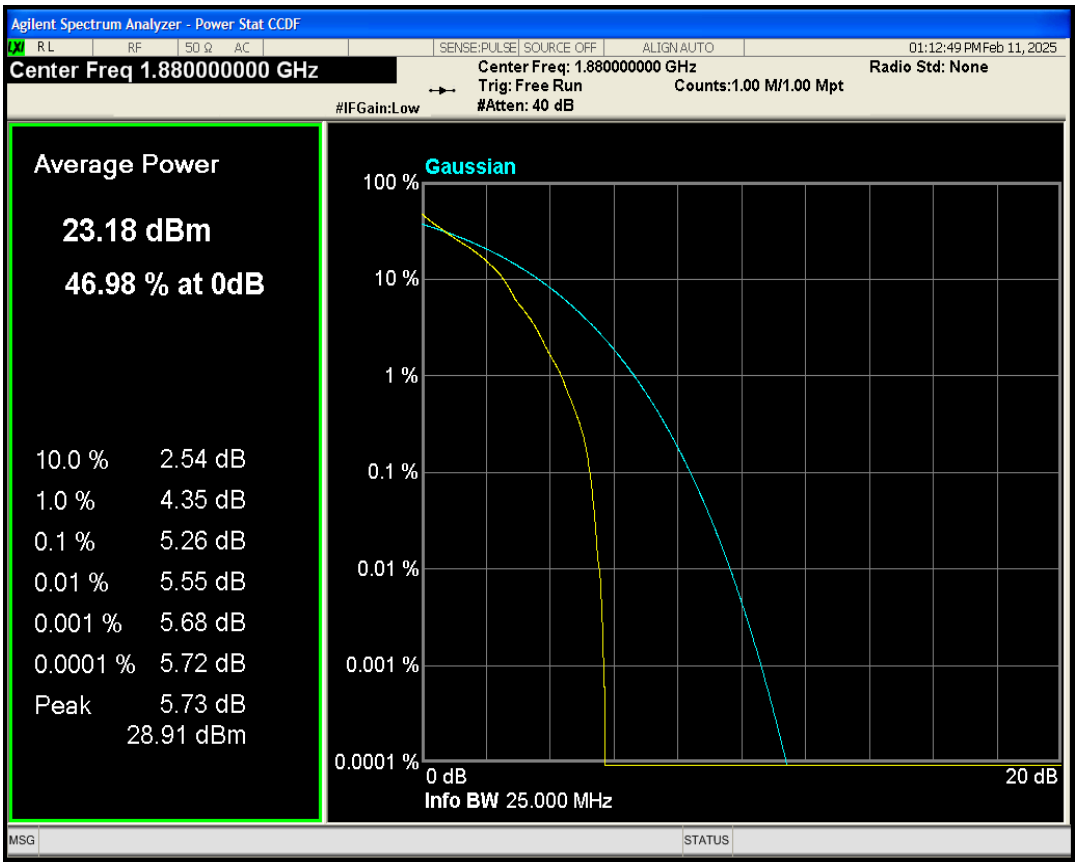
Band2 QAM16 BW=1.4MHz Channel=18900 RB Size=1 Position=#0



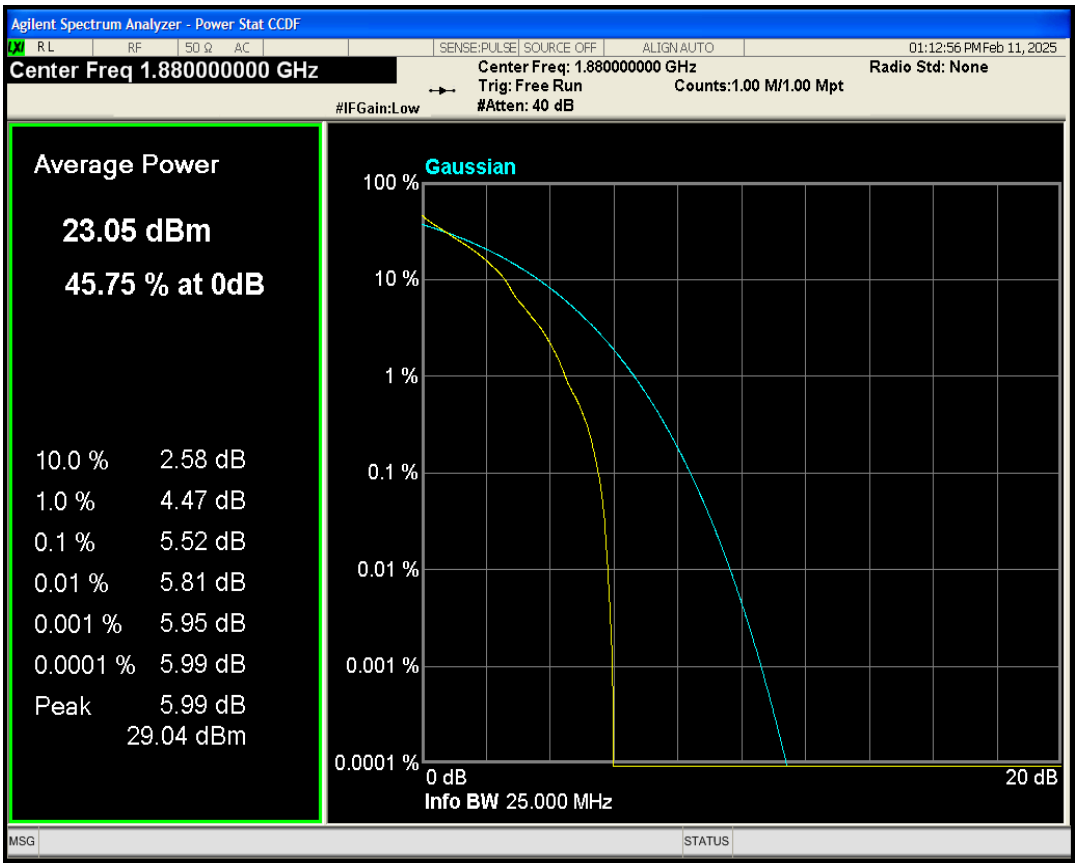
Band2 QAM16 BW=3MHz Channel=18900 RB Size=1 Position=#0



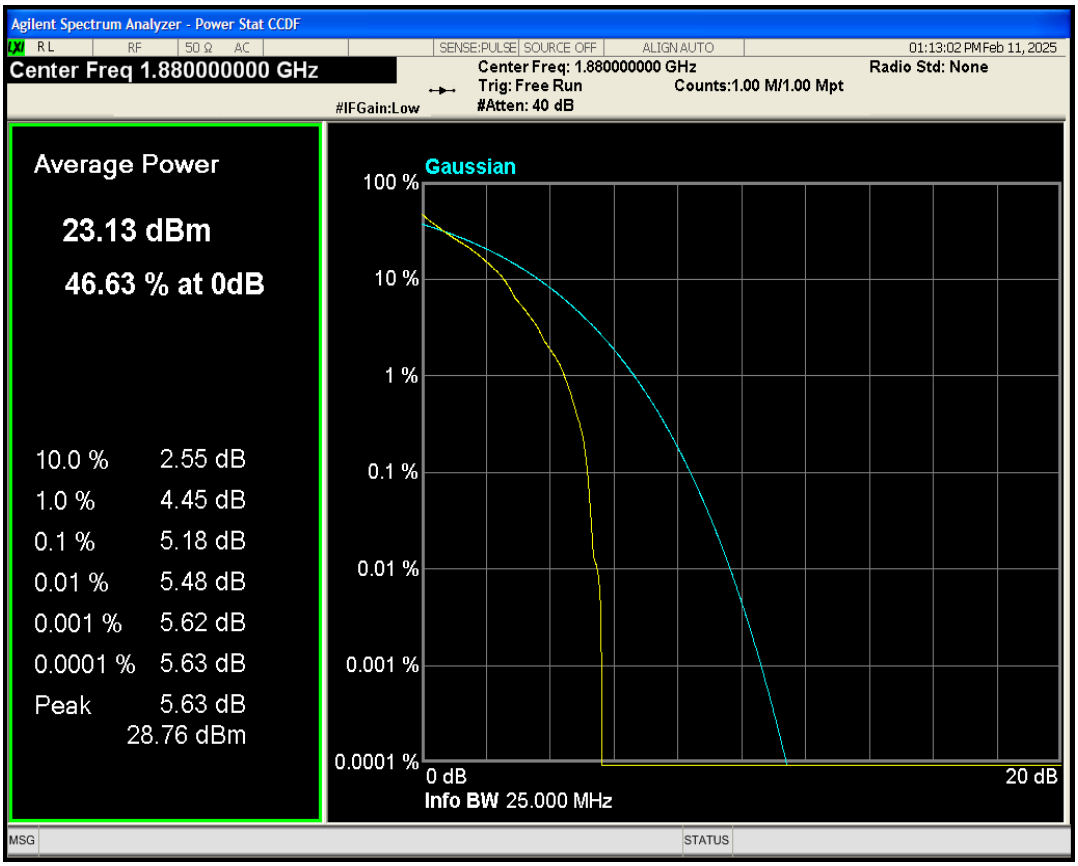
Band2 QPSK BW=3MHz Channel=18900 RB Size=1 Position=#0



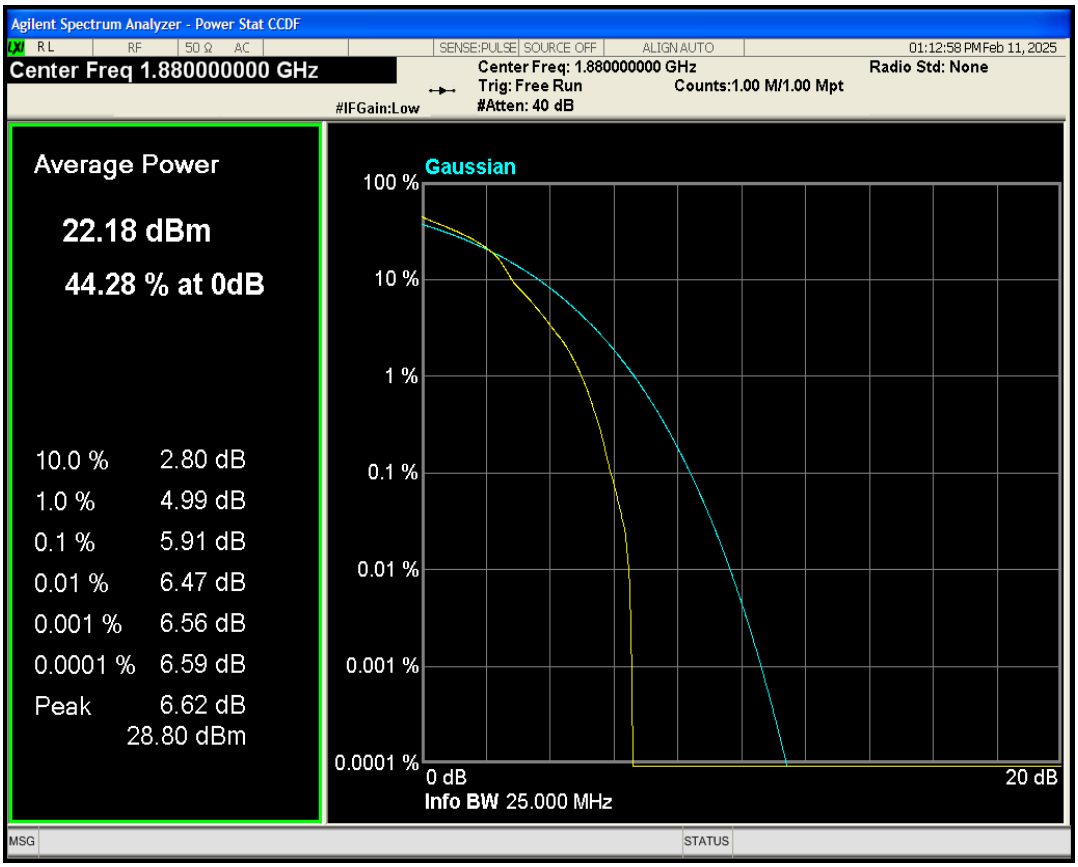
Band2 QPSK BW=5MHz Channel=18900 RB Size=1 Position=#0



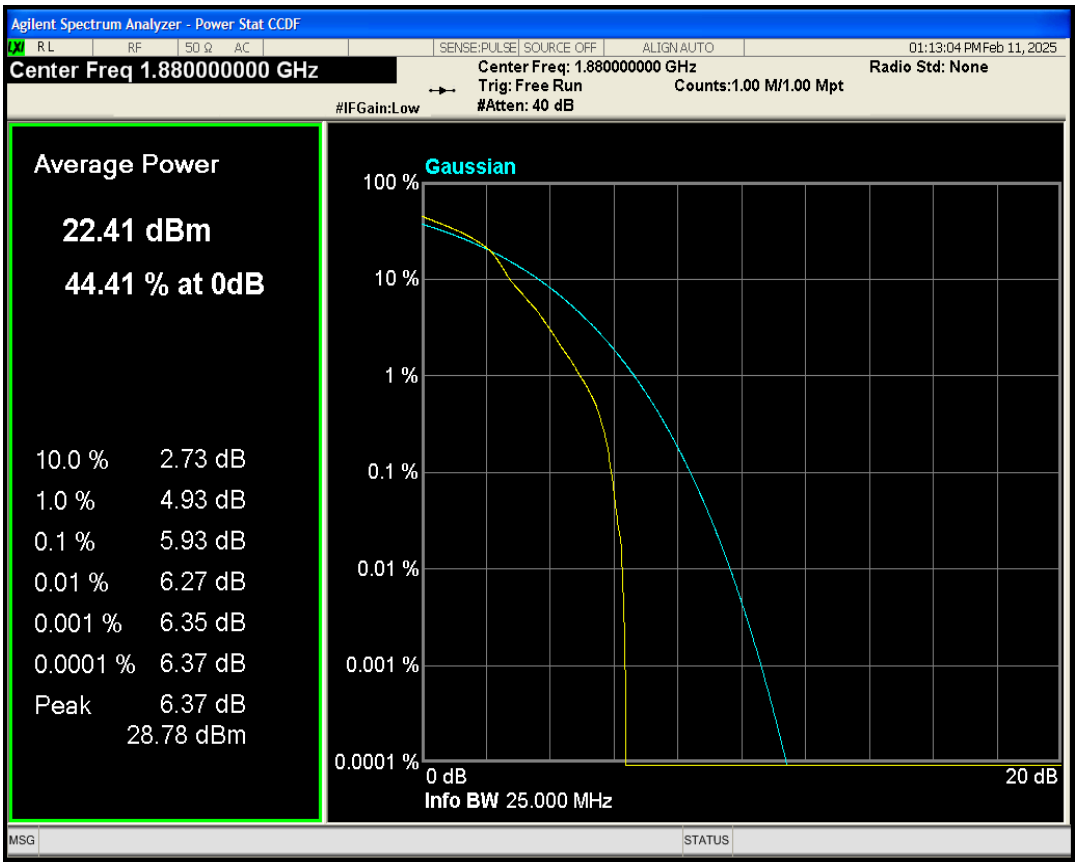
Band2 QPSK BW=10MHz Channel=18900 RB Size=1 Position=#0



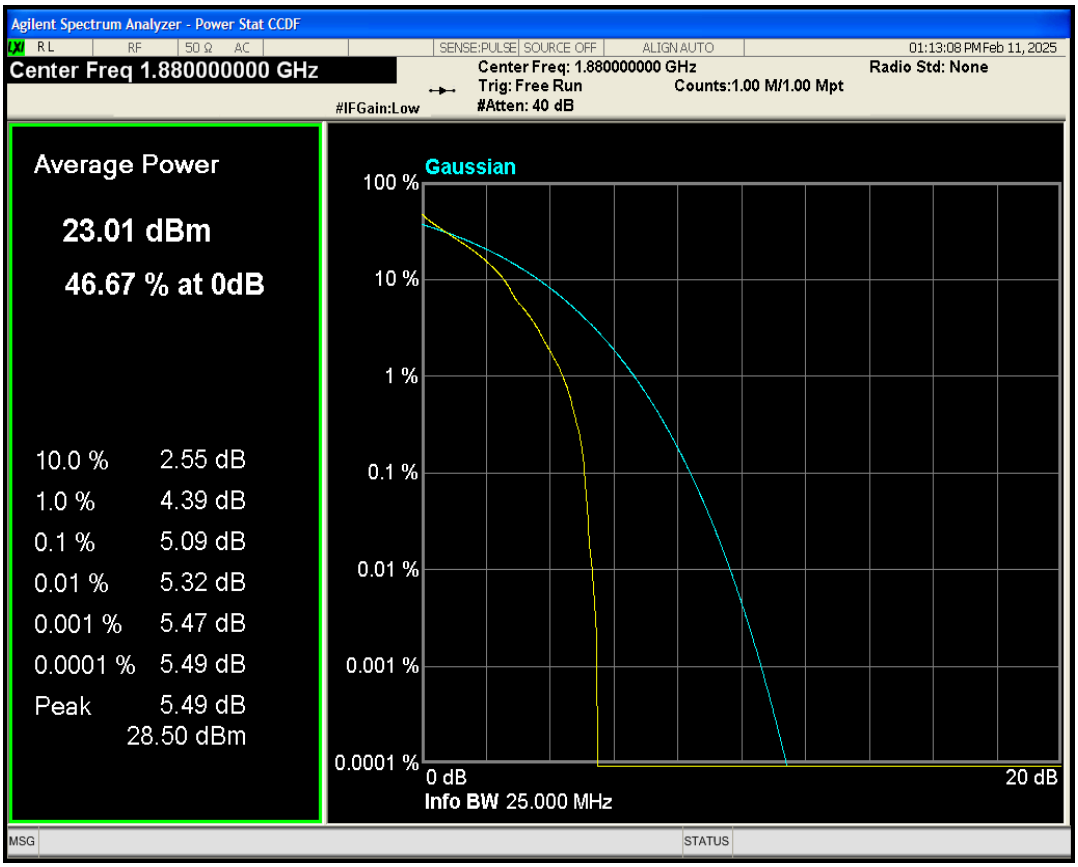
Band2 QAM16 BW=5MHz Channel=18900 RB Size=1 Position=#0



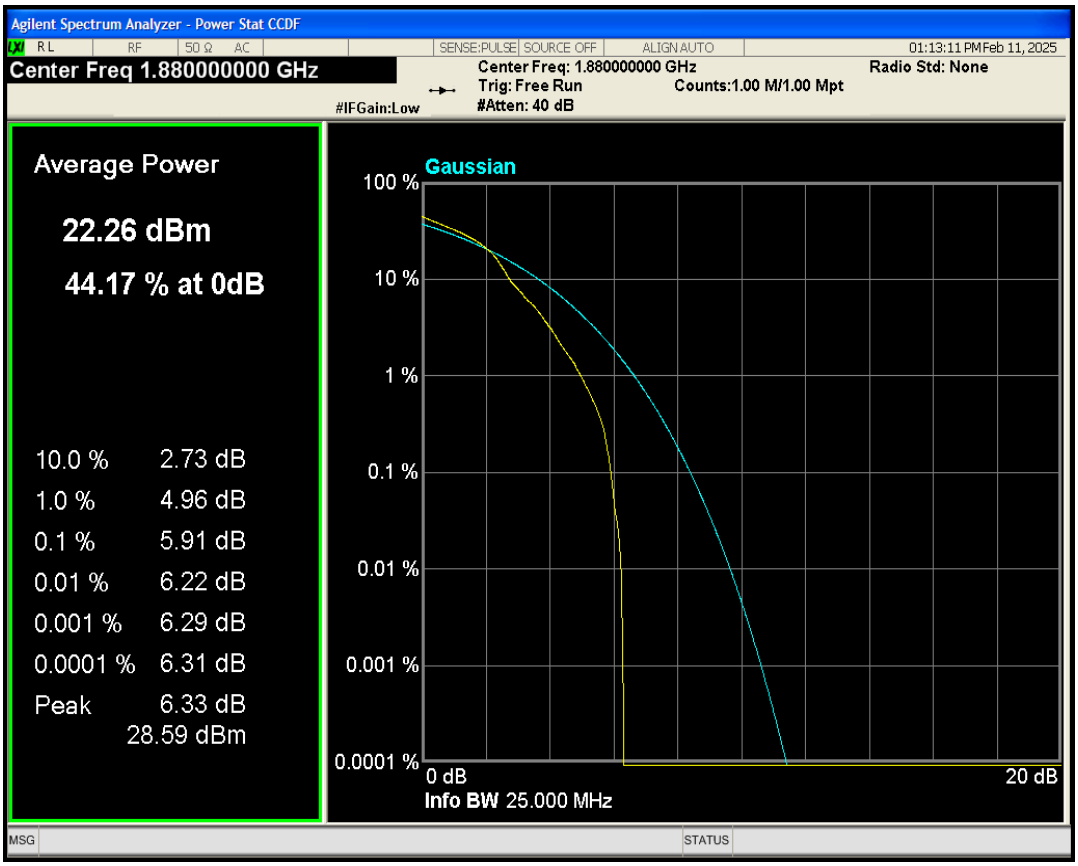
Band2 QAM16 BW=10MHz Channel=18900 RB Size=1 Position=#0



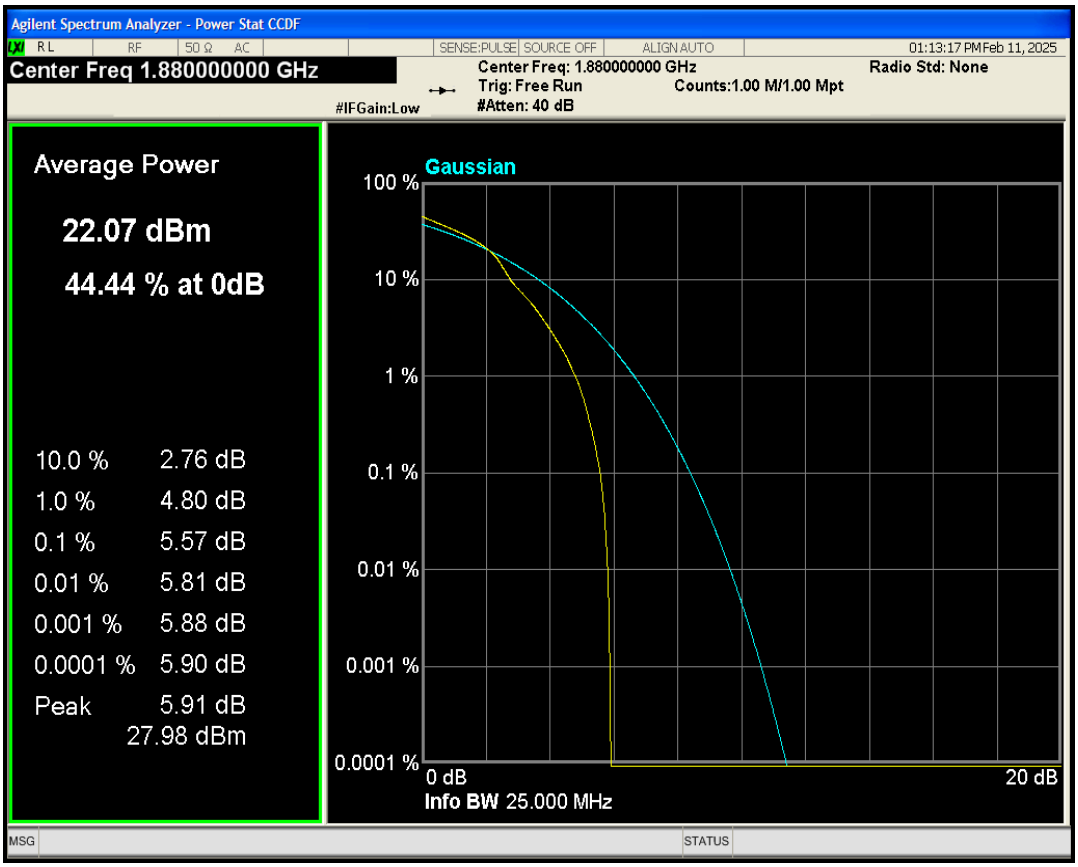
Band2 QPSK BW=15MHz Channel=18900 RB Size=1 Position=#0



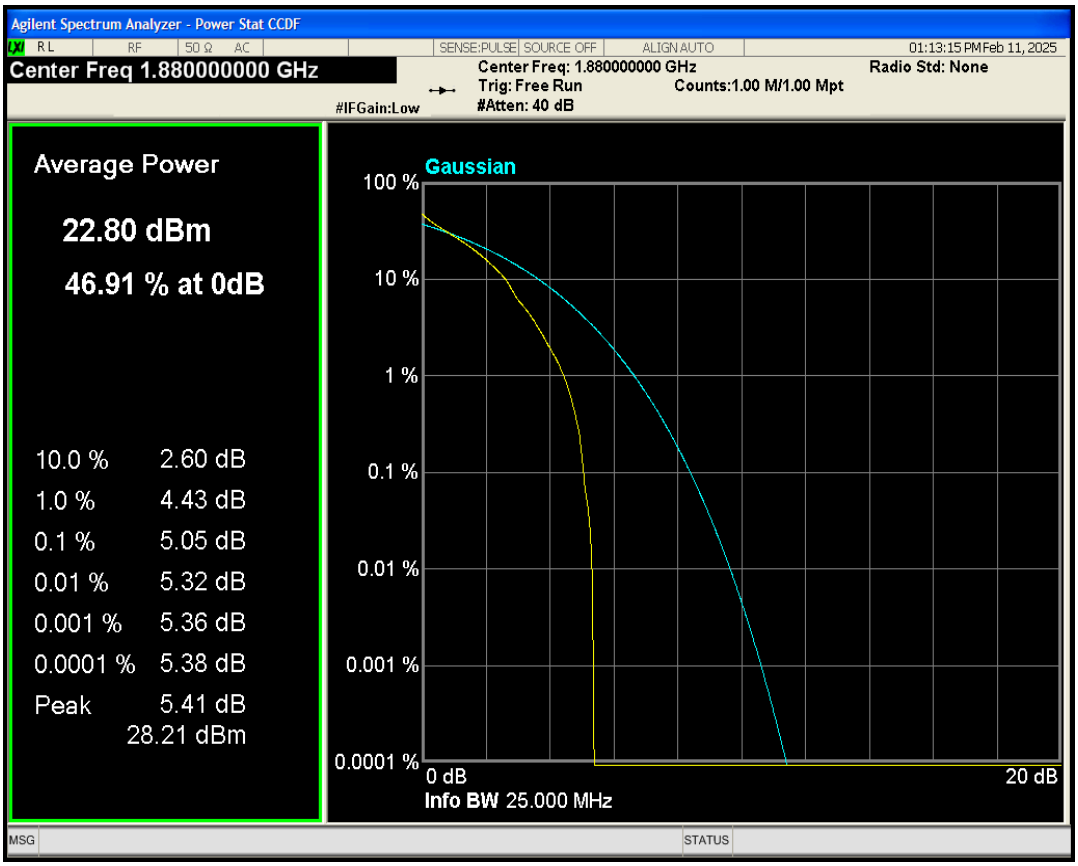
Band2 QAM16 BW=15MHz Channel=18900 RB Size=1 Position=#0



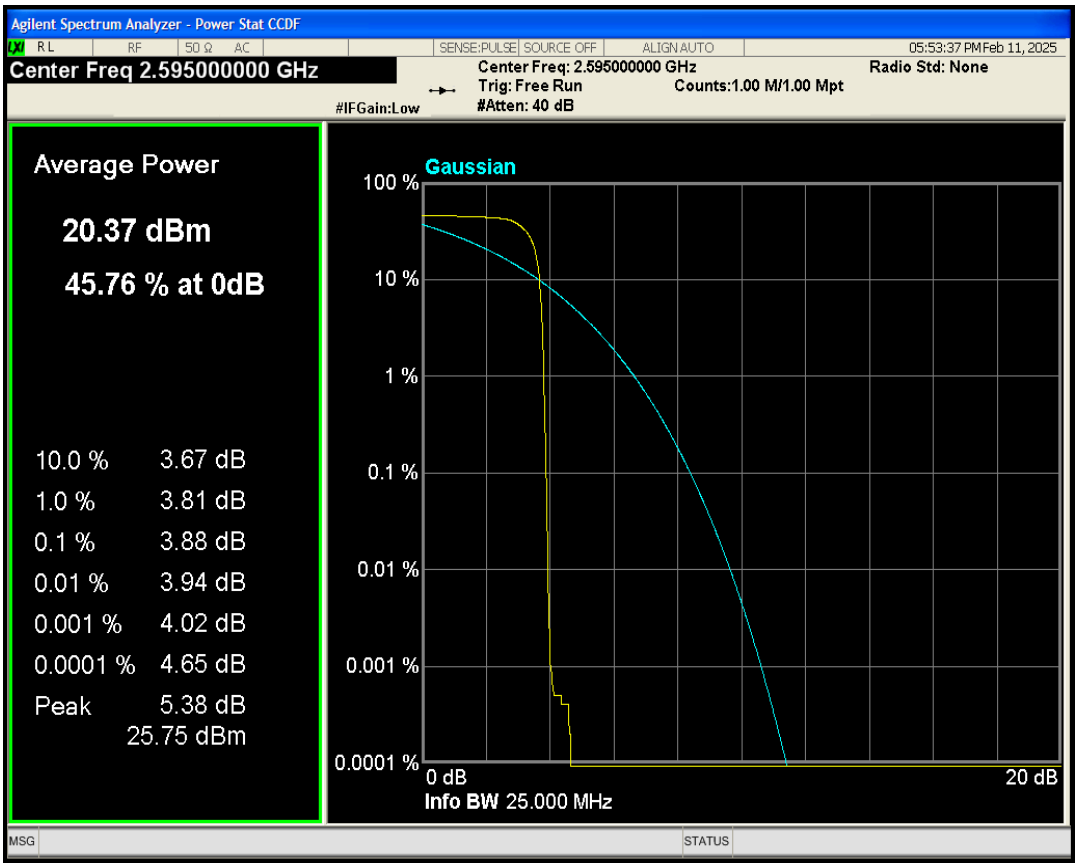
Band2 QAM16 BW=20MHz Channel=18900 RB Size=1 Position=#0



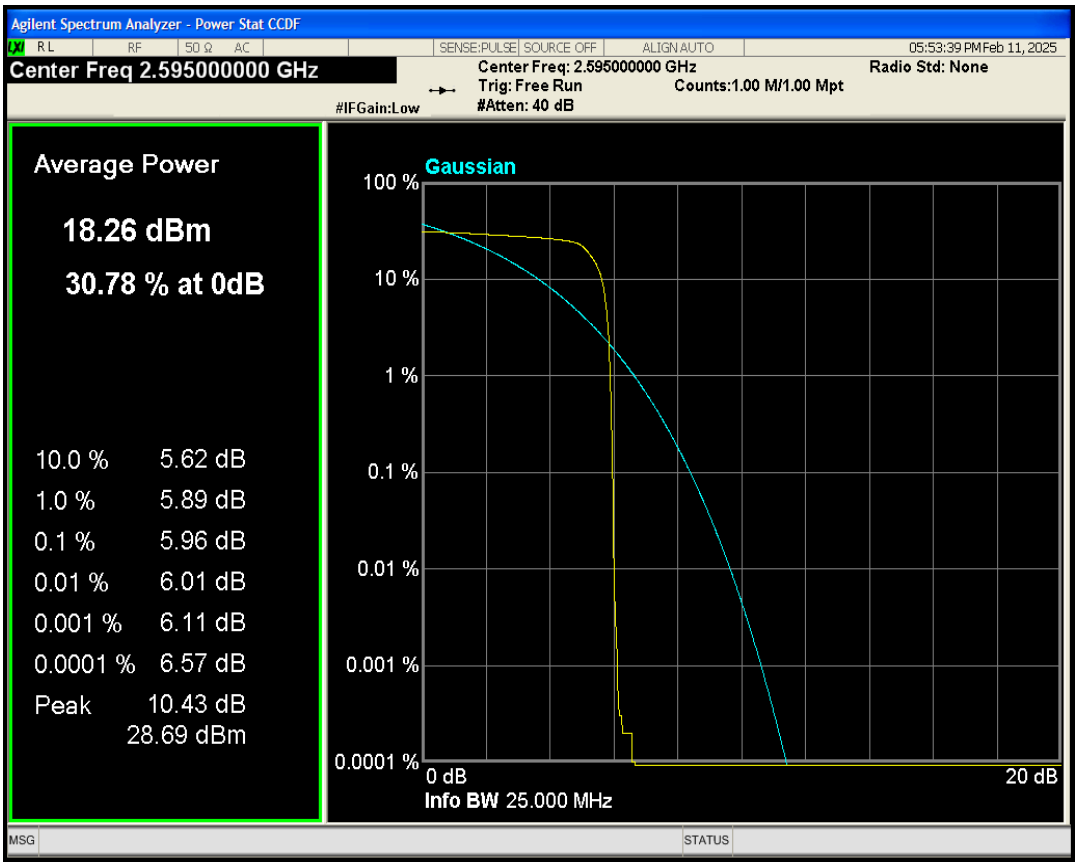
Band2 QPSK BW=20MHz Channel=18900 RB Size=1 Position=#0



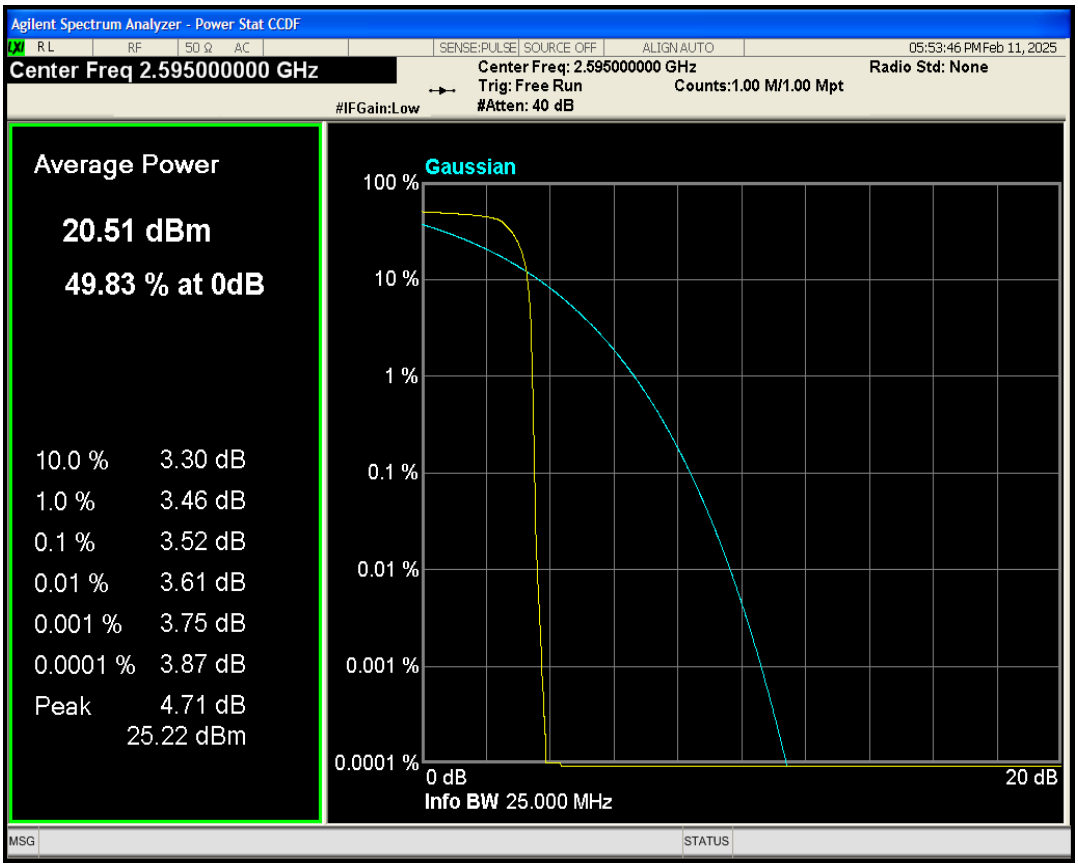
Band38 QPSK BW=5MHz Channel=38000 RB Size=1 Position=#0



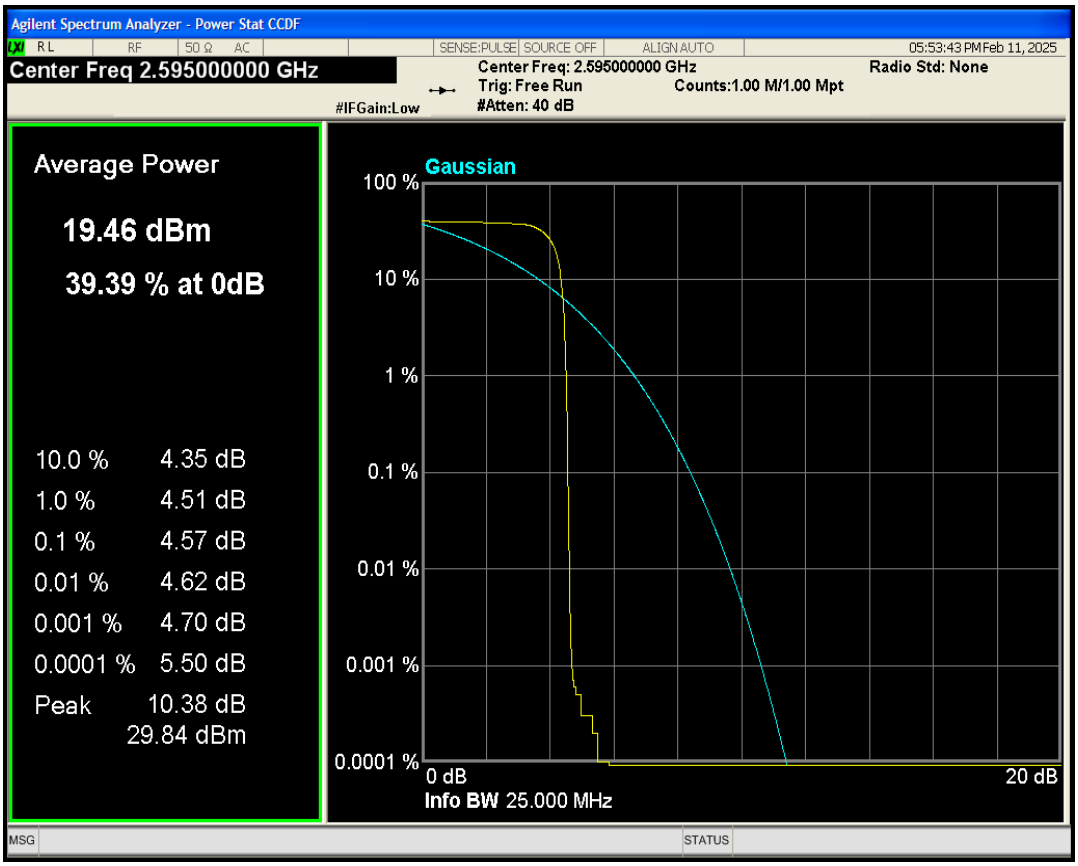
Band38 QAM16 BW=5MHz Channel=38000 RB Size=1 Position=#0



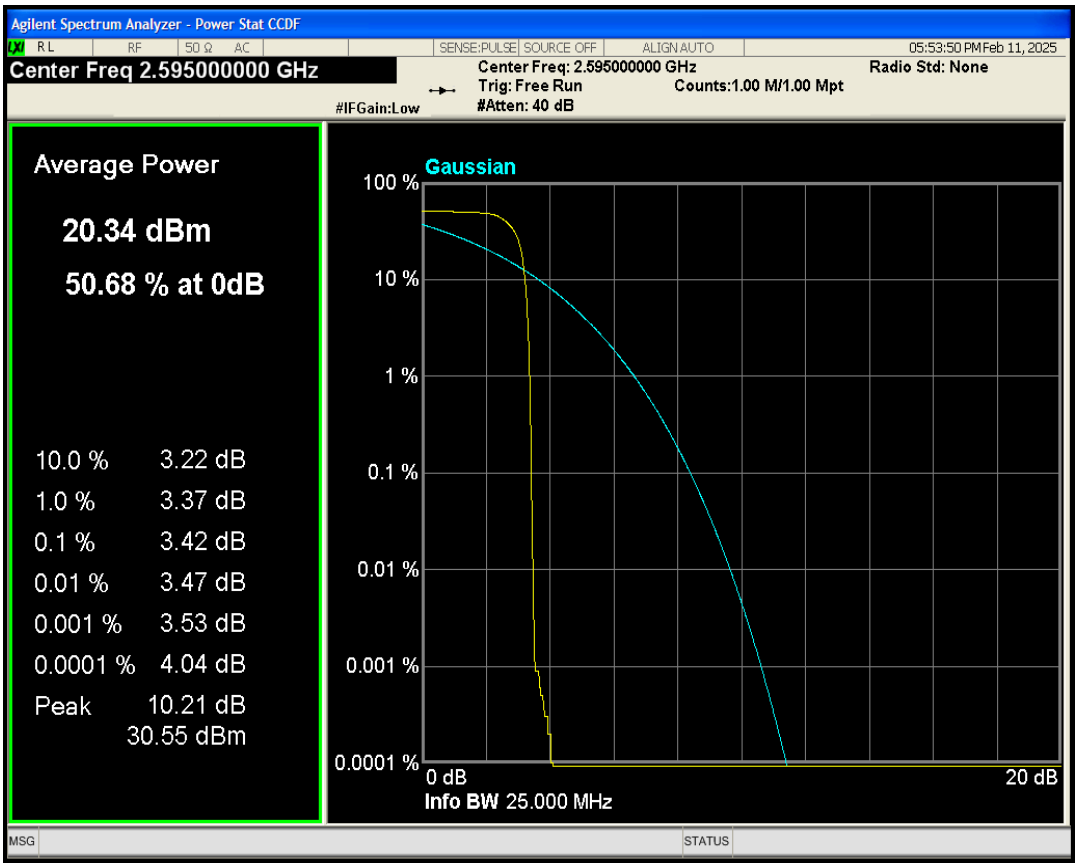
Band38 QAM16 BW=10MHz Channel=38000 RB Size=1 Position=#0



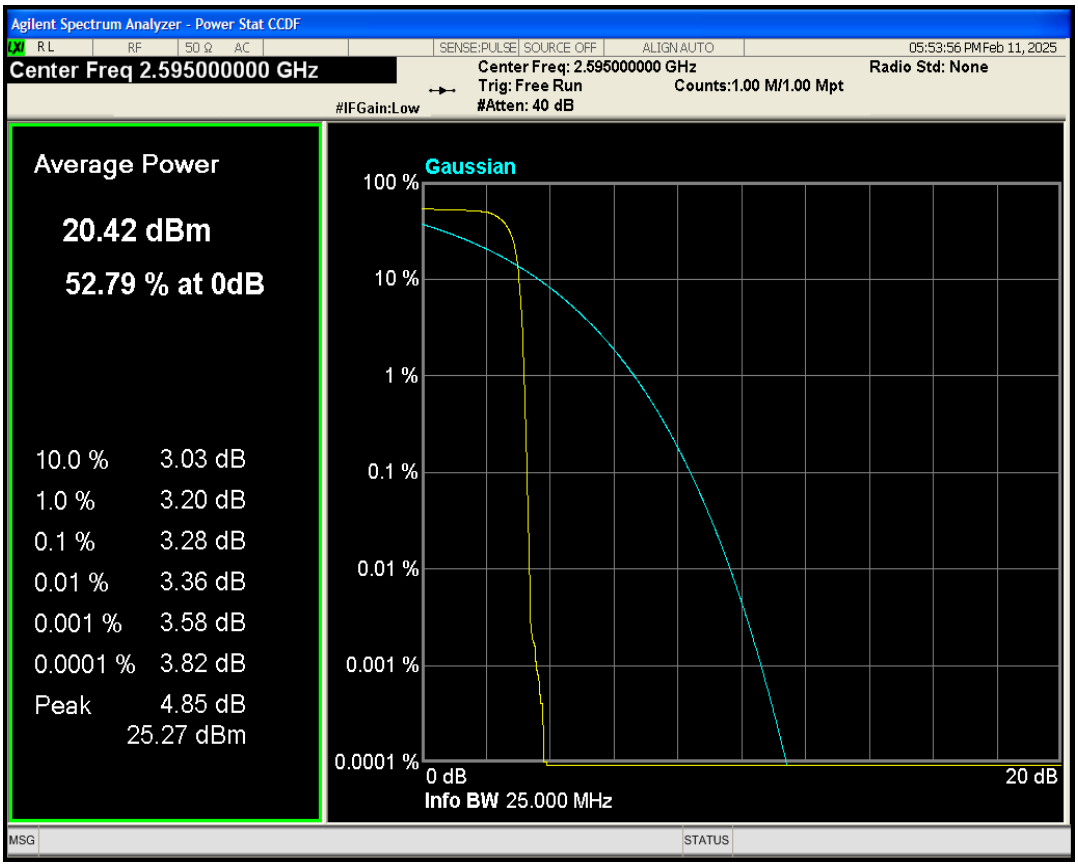
Band38 QPSK BW=10MHz Channel=38000 RB Size=1 Position=#0



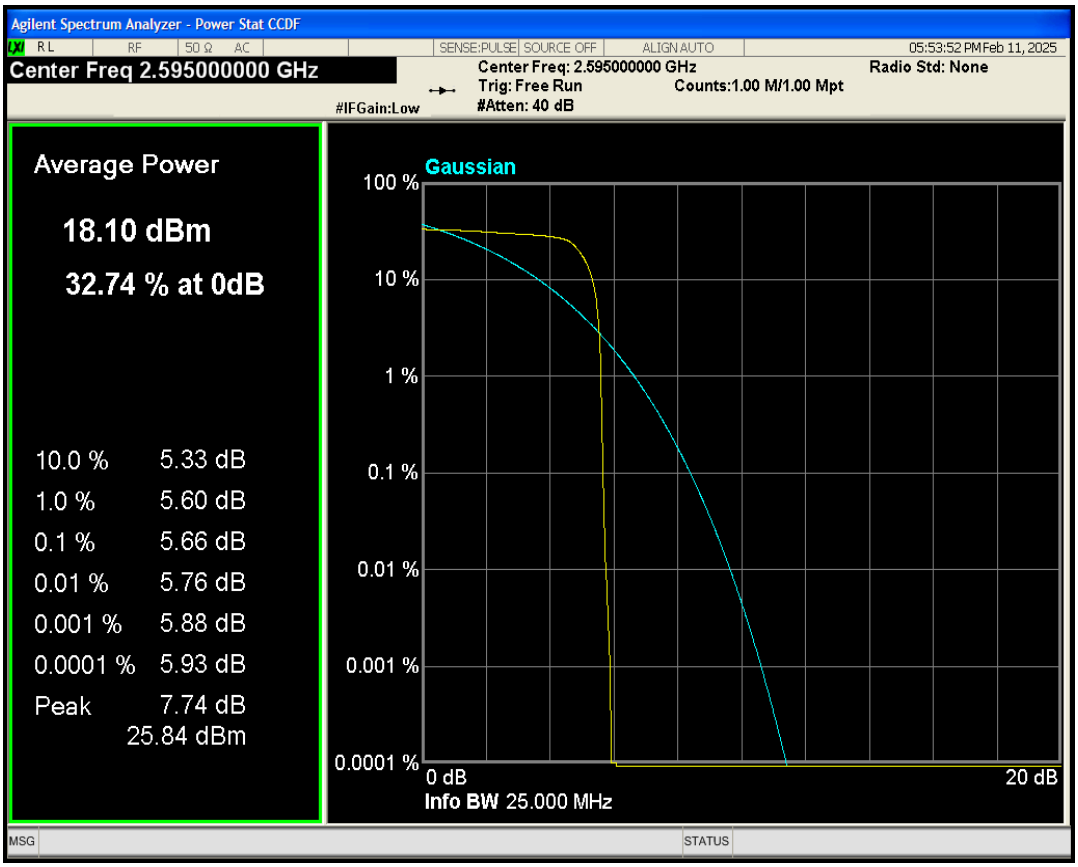
Band38 QPSK BW=15MHz Channel=38000 RB Size=1 Position=#0



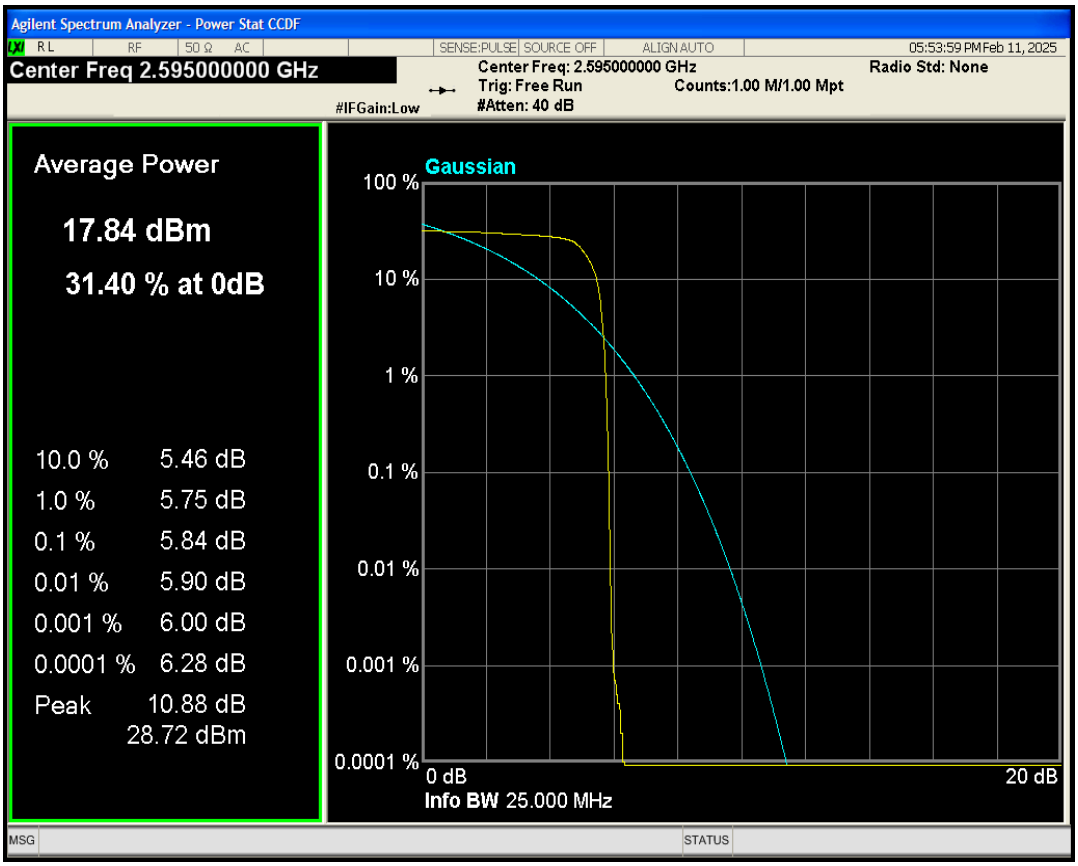
Band38 QPSK BW=20MHz Channel=38000 RB Size=1 Position=#0



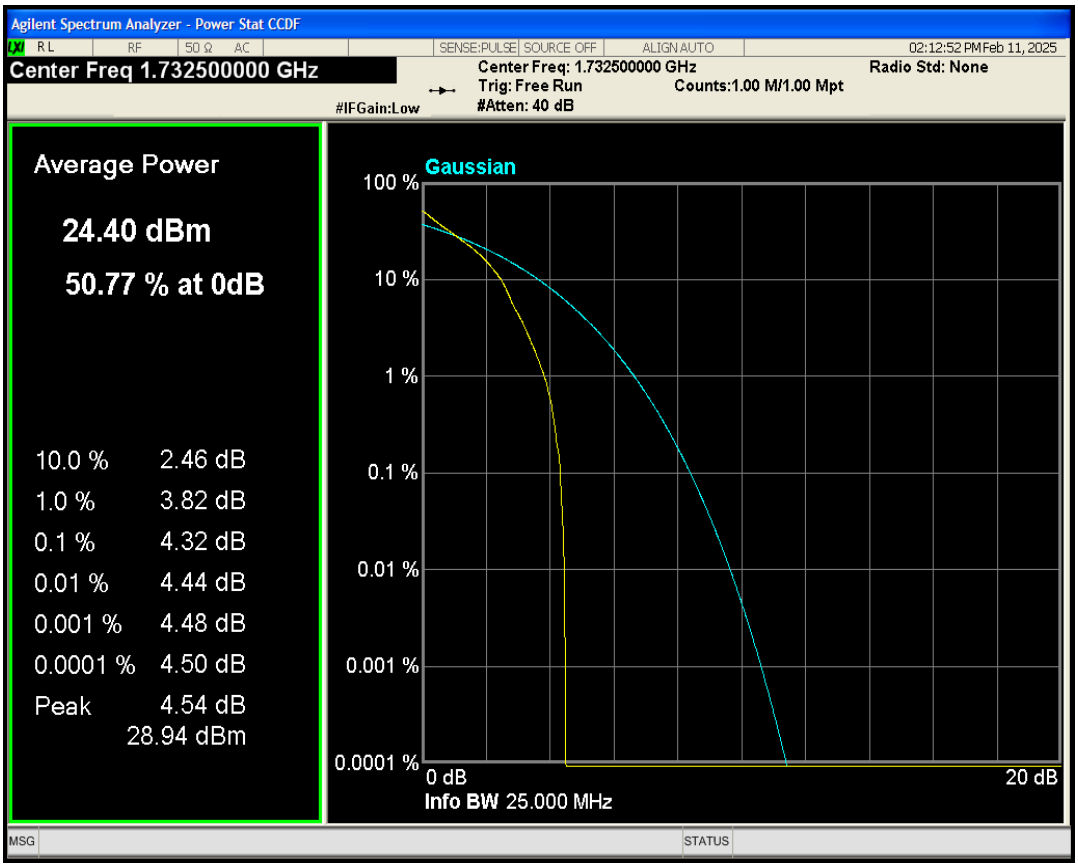
Band38 QAM16 BW=15MHz Channel=38000 RB Size=1 Position=#0



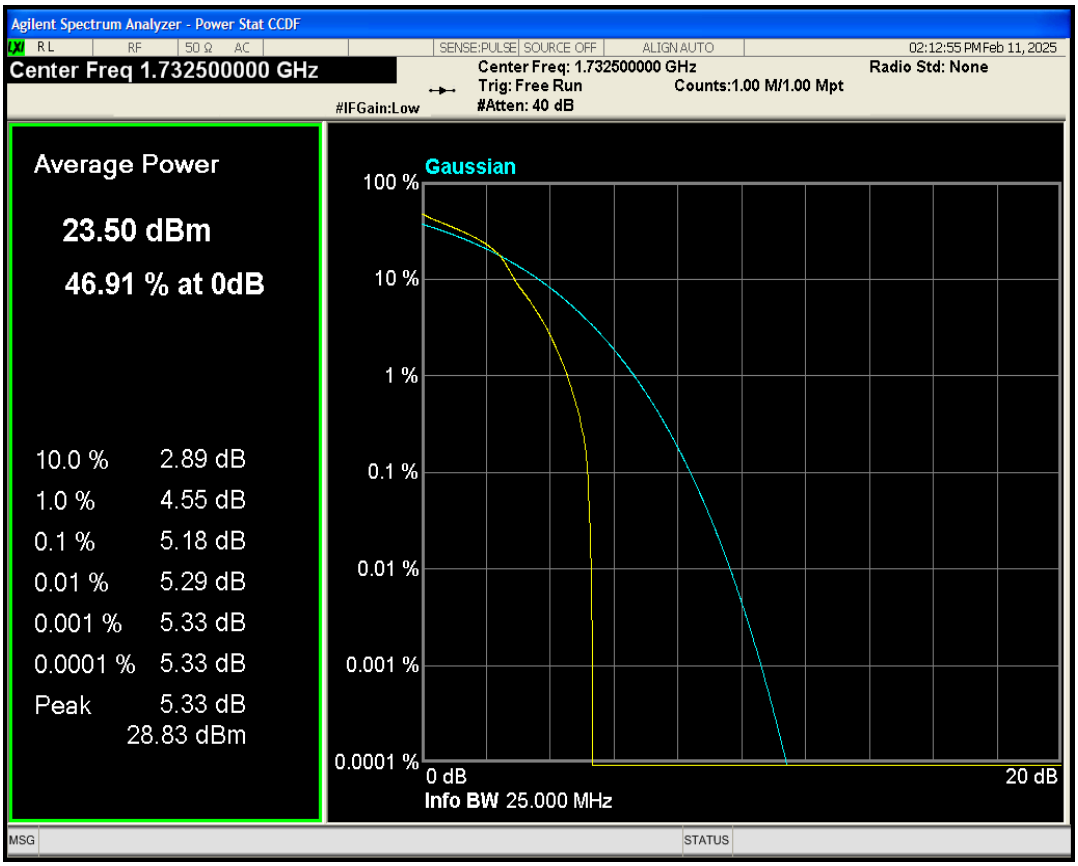
Band38 QAM16 BW=20MHz Channel=38000 RB Size=1 Position=#0



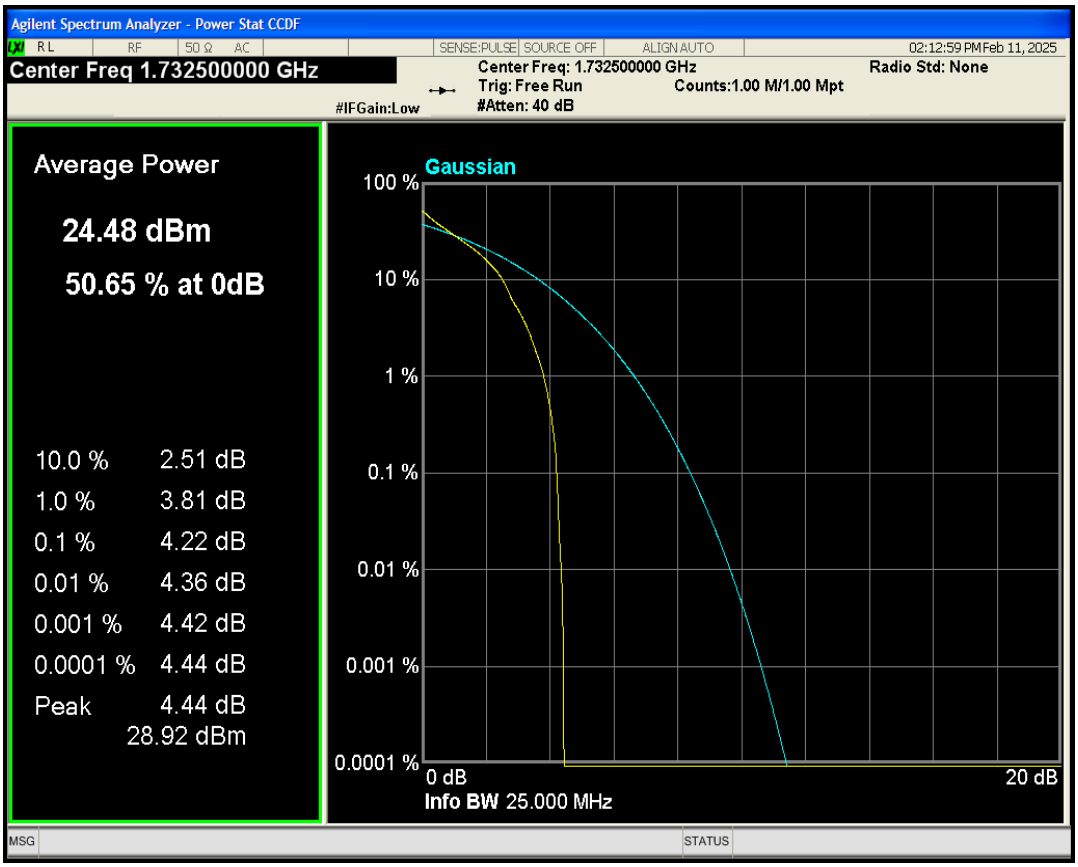
Band4 QPSK BW=1.4MHz Channel=20175 RB Size=1 Position=#0



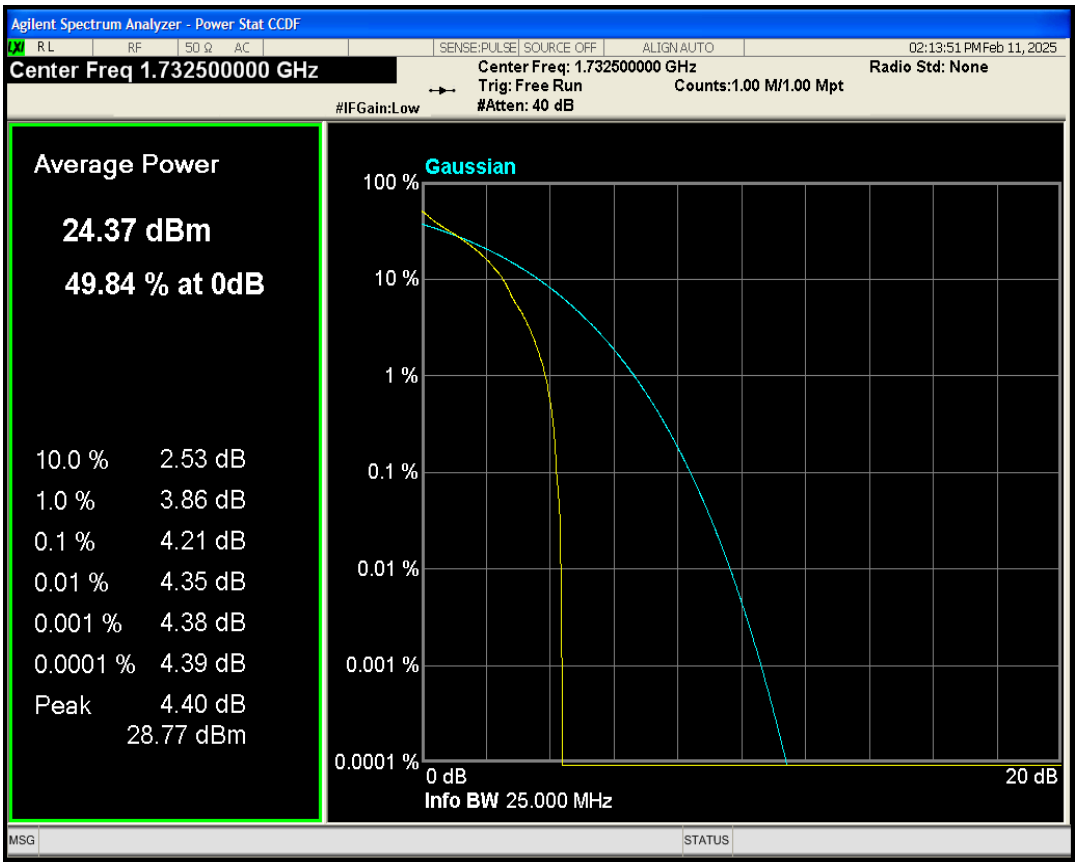
Band4 QAM16 BW=1.4MHz Channel=20175 RB Size=1 Position=#0



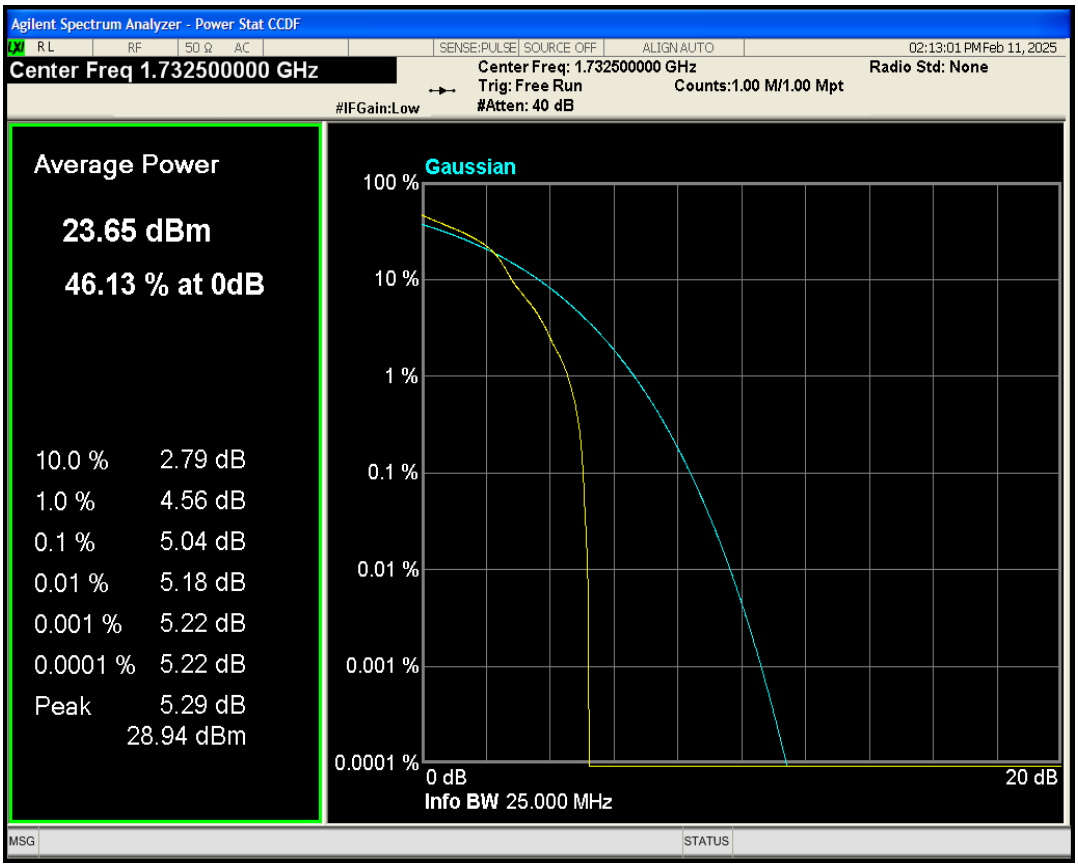
Band4 QPSK BW=3MHz Channel=20175 RB Size=1 Position=#0



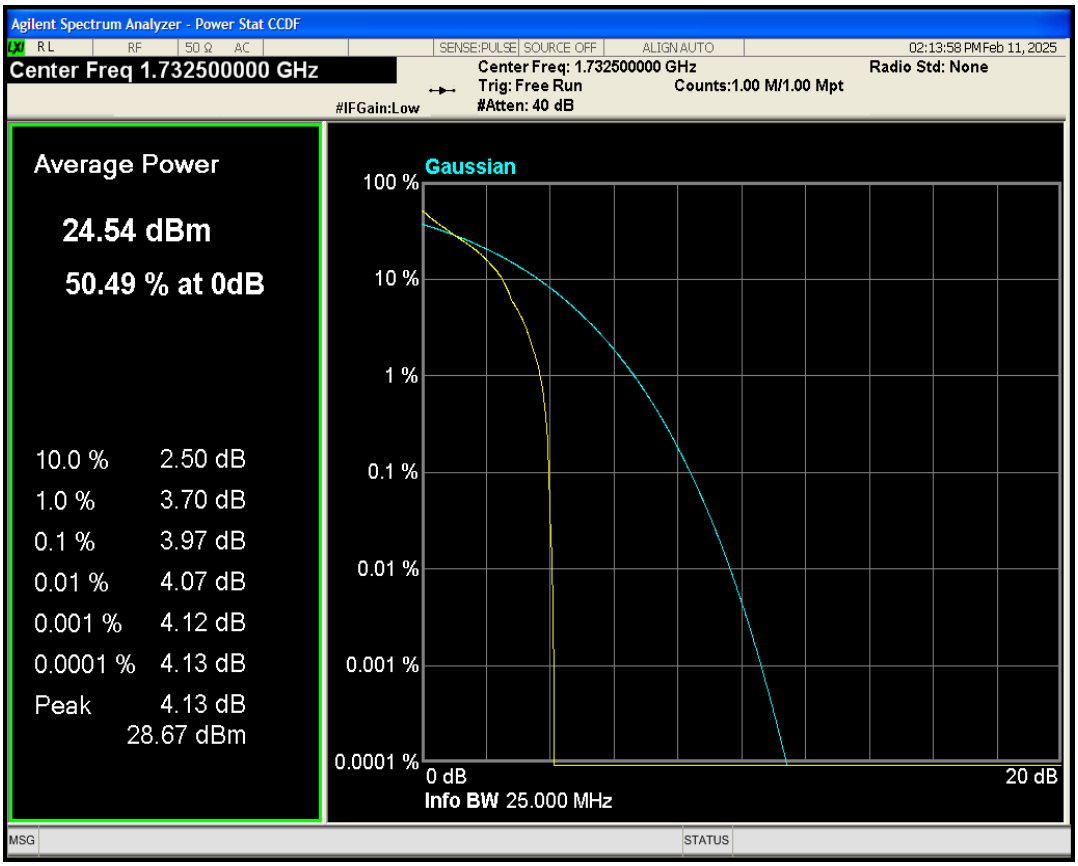
Band4 QPSK BW=5MHz Channel=20175 RB Size=1 Position=#0



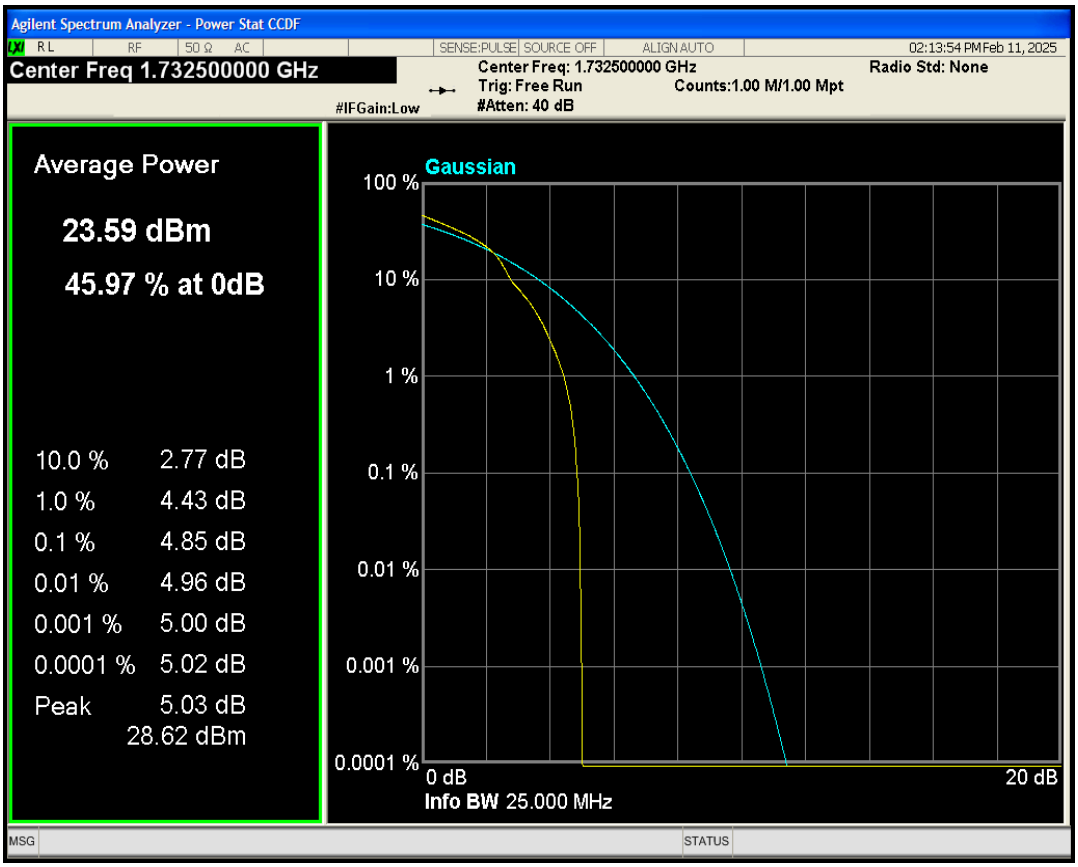
Band4 QAM16 BW=3MHz Channel=20175 RB Size=1 Position=#0



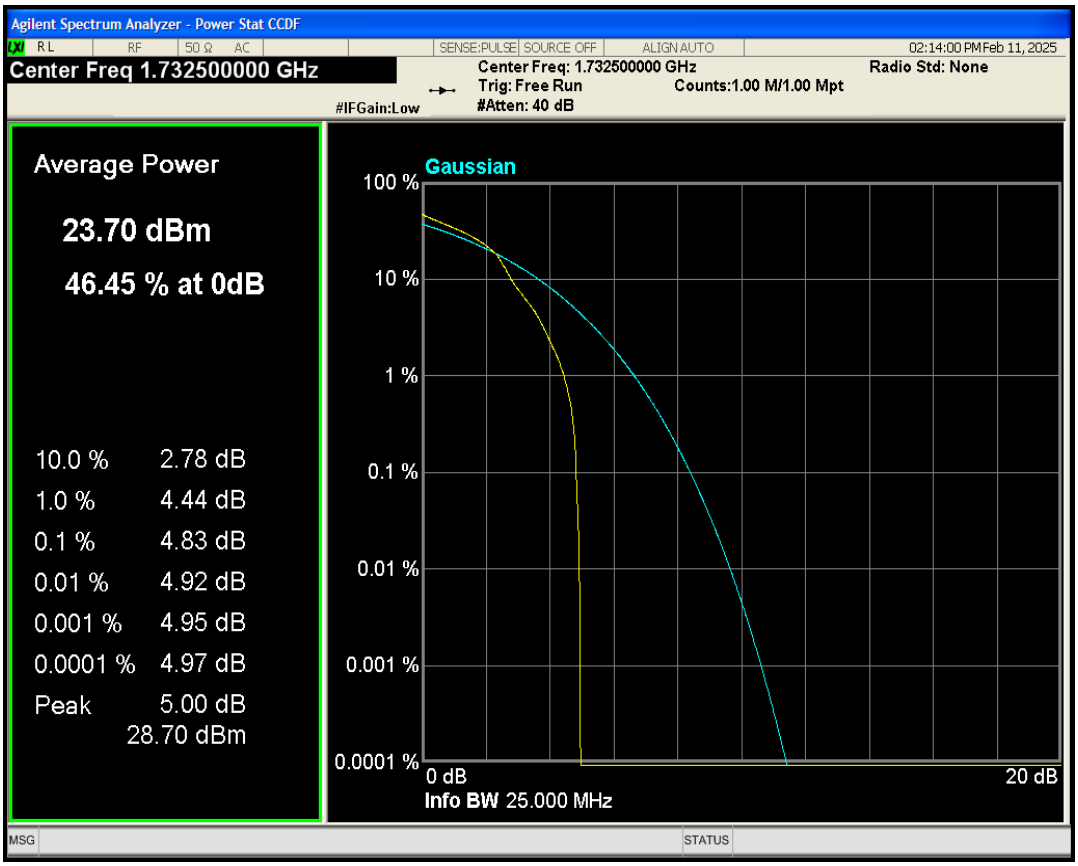
Band4 QPSK BW=10MHz Channel=20175 RB Size=1 Position=#0



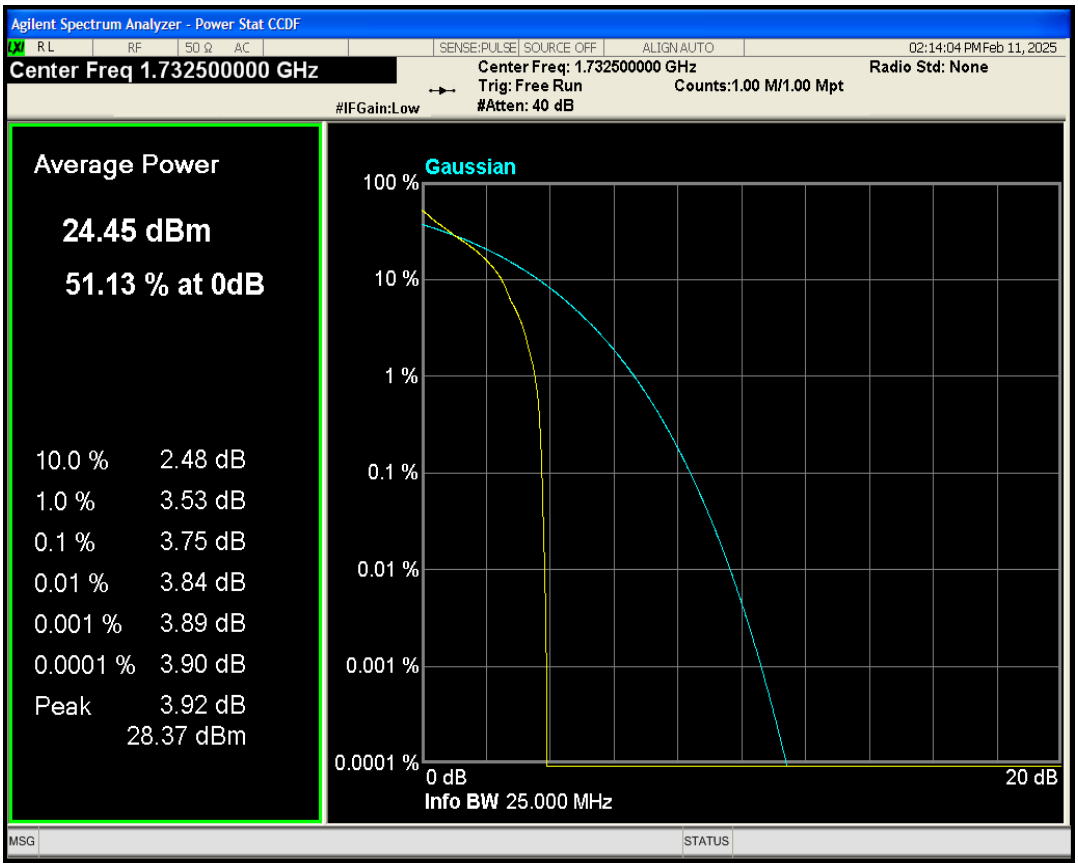
Band4 QAM16 BW=5MHz Channel=20175 RB Size=1 Position=#0



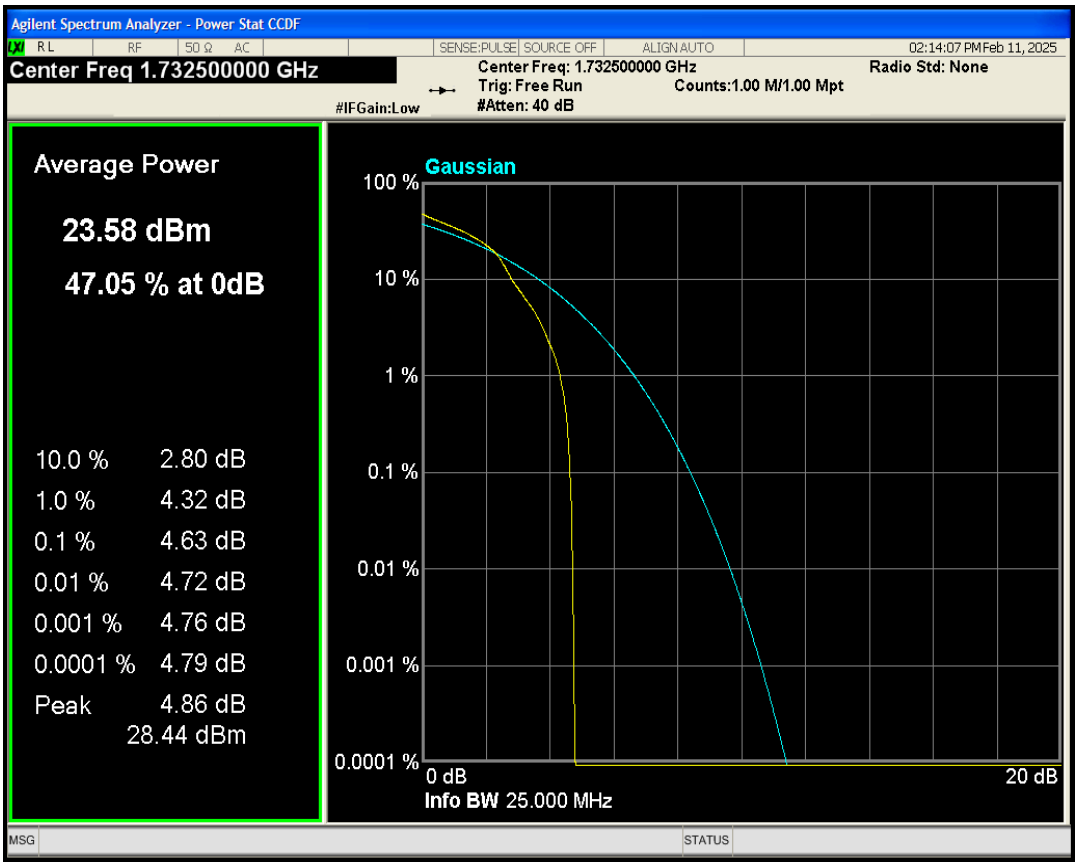
Band4 QAM16 BW=10MHz Channel=20175 RB Size=1 Position=#0



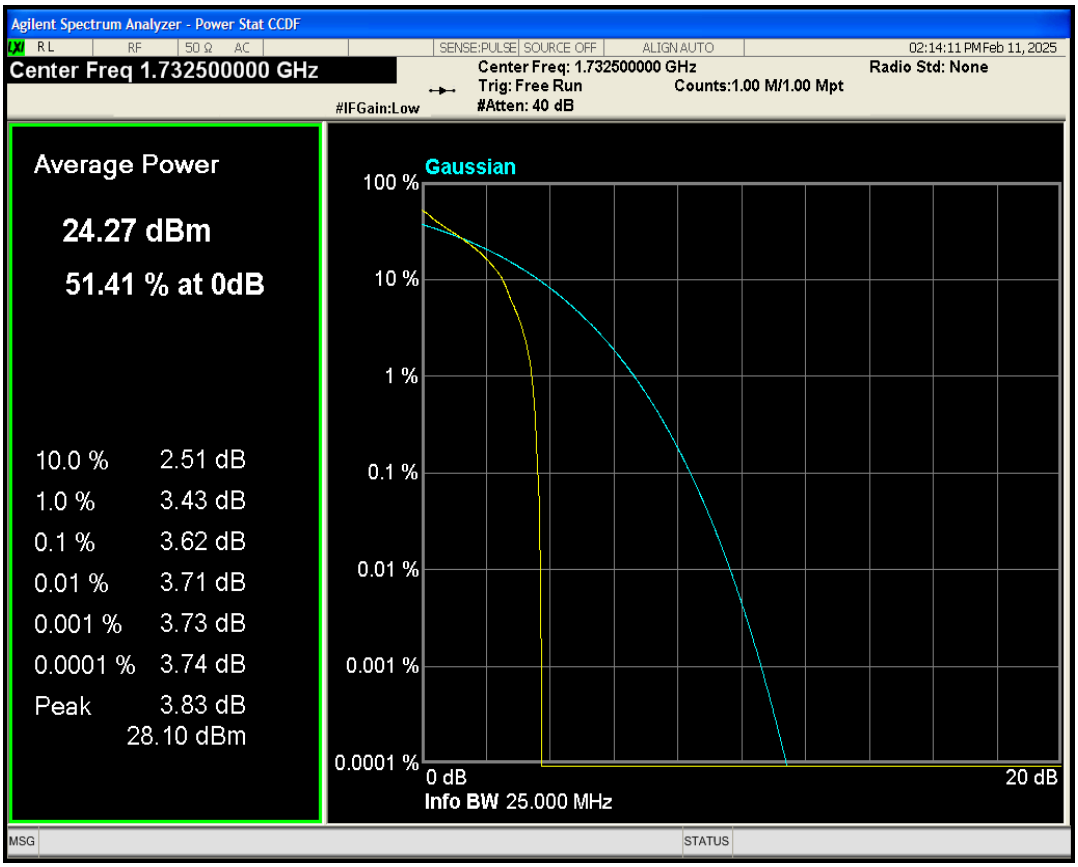
Band4 QPSK BW=15MHz Channel=20175 RB Size=1 Position=#0



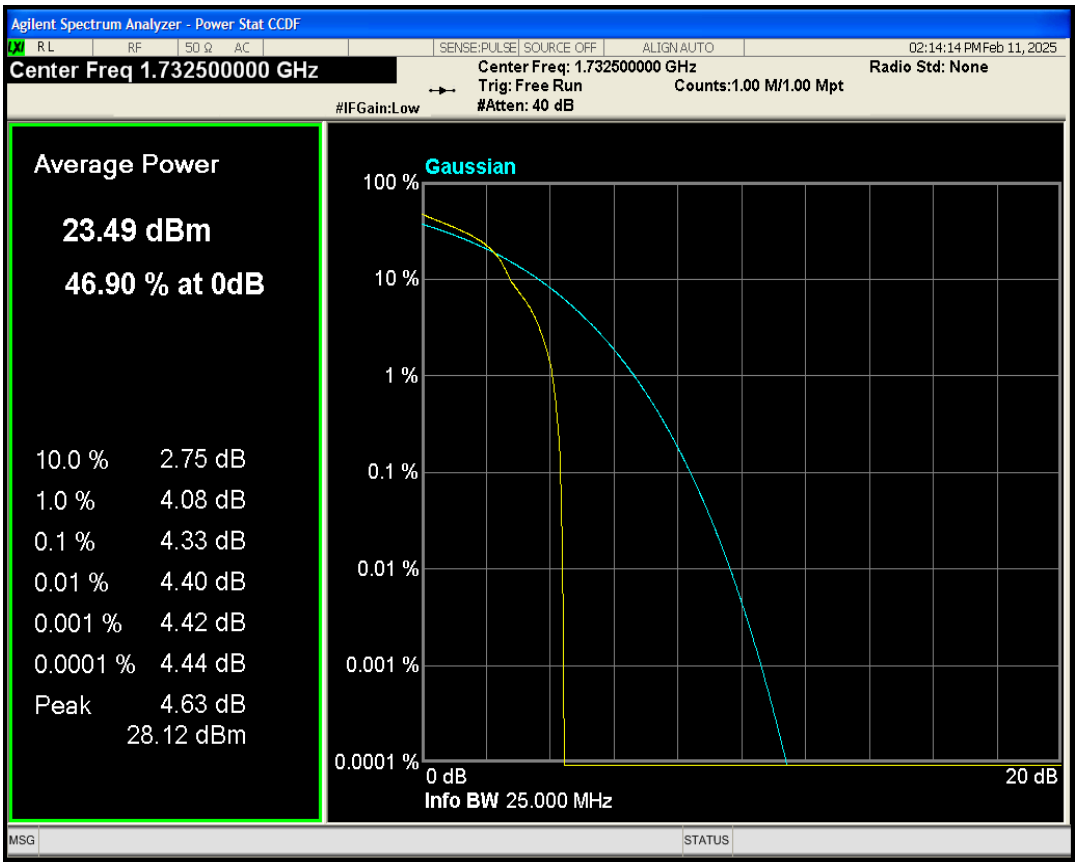
Band4 QAM16 BW=15MHz Channel=20175 RB Size=1 Position=#0



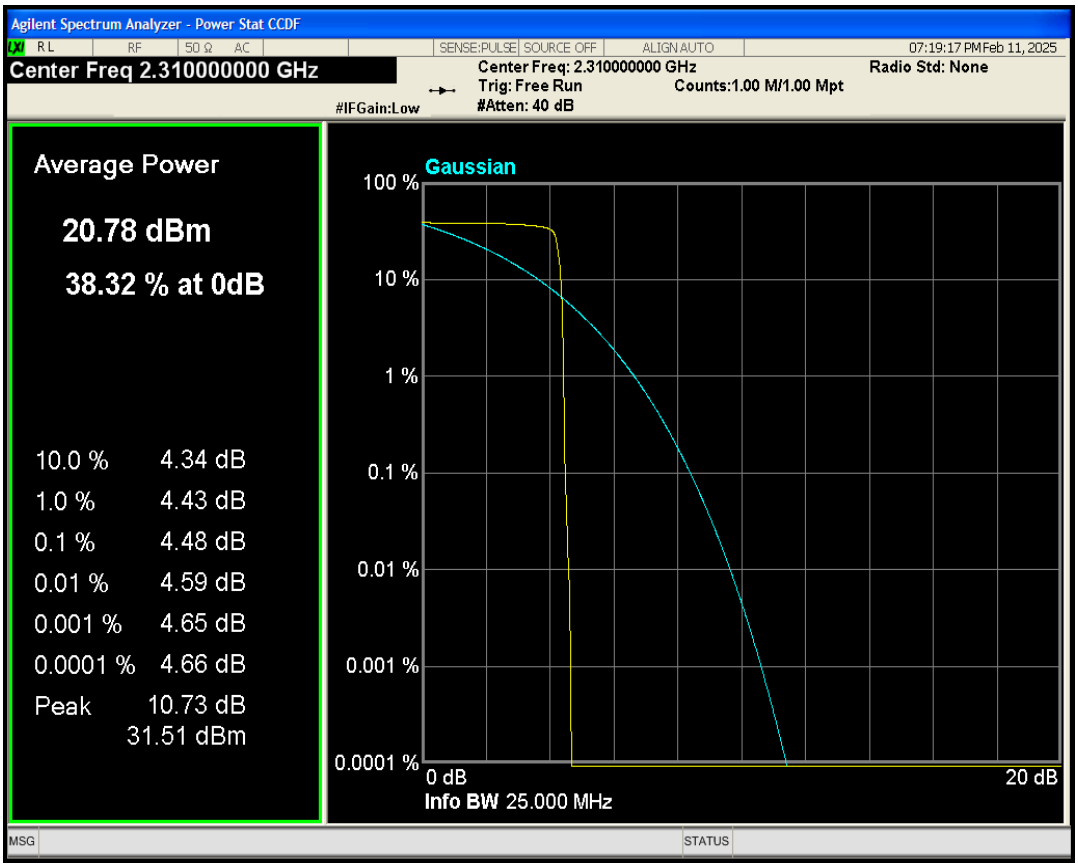
Band4 QPSK BW=20MHz Channel=20175 RB Size=1 Position=#0



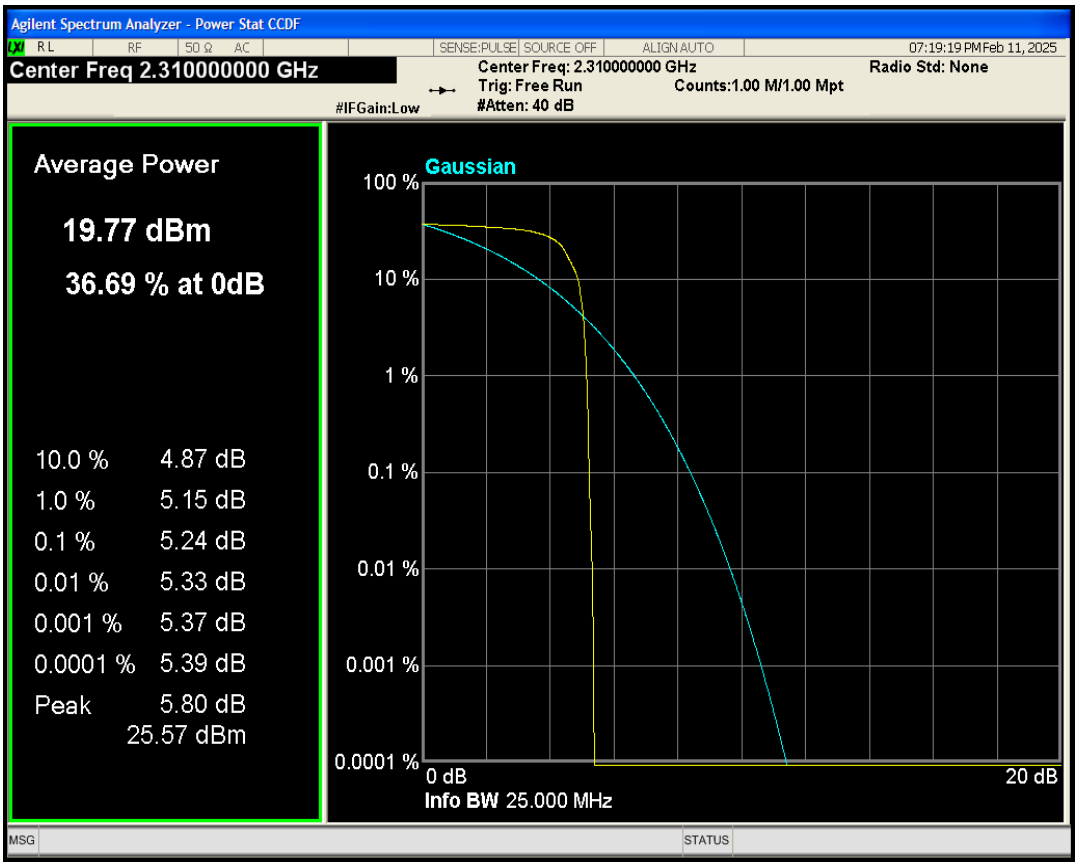
Band4 QAM16 BW=20MHz Channel=20175 RB Size=1 Position=#0



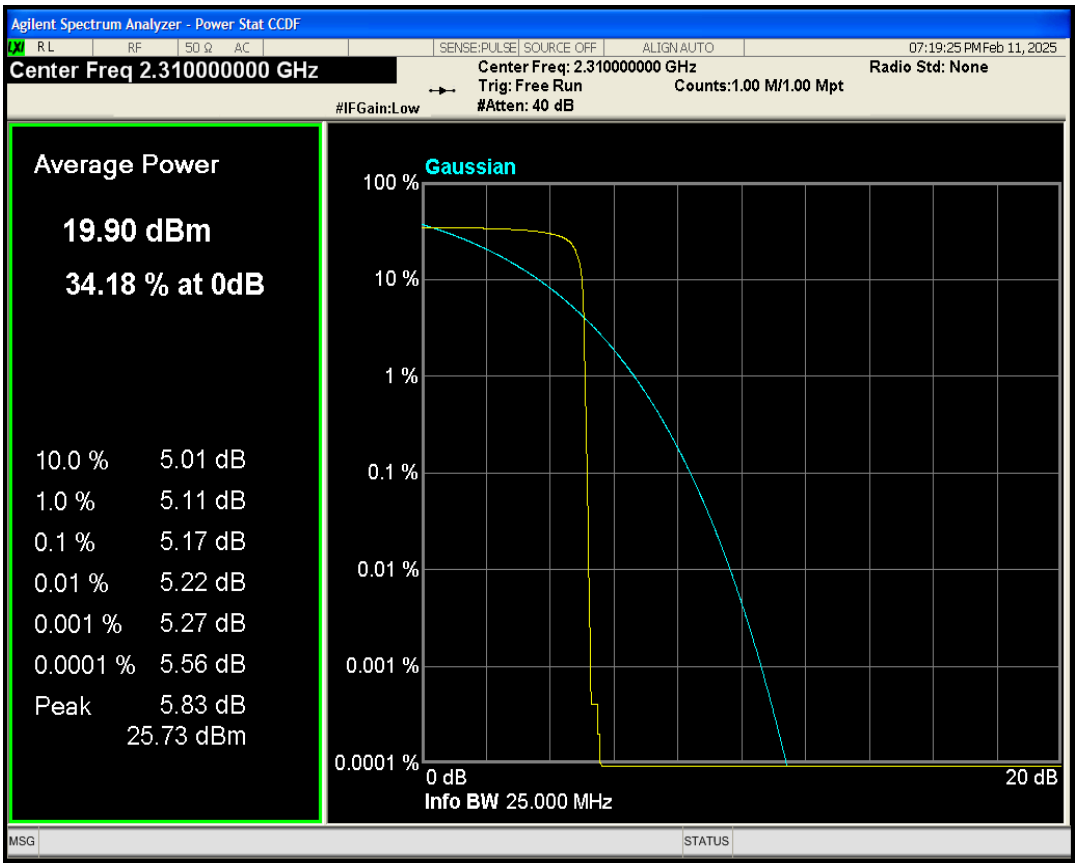
Band40a QPSK BW=5MHz Channel=38750 RB Size=1 Position=#0



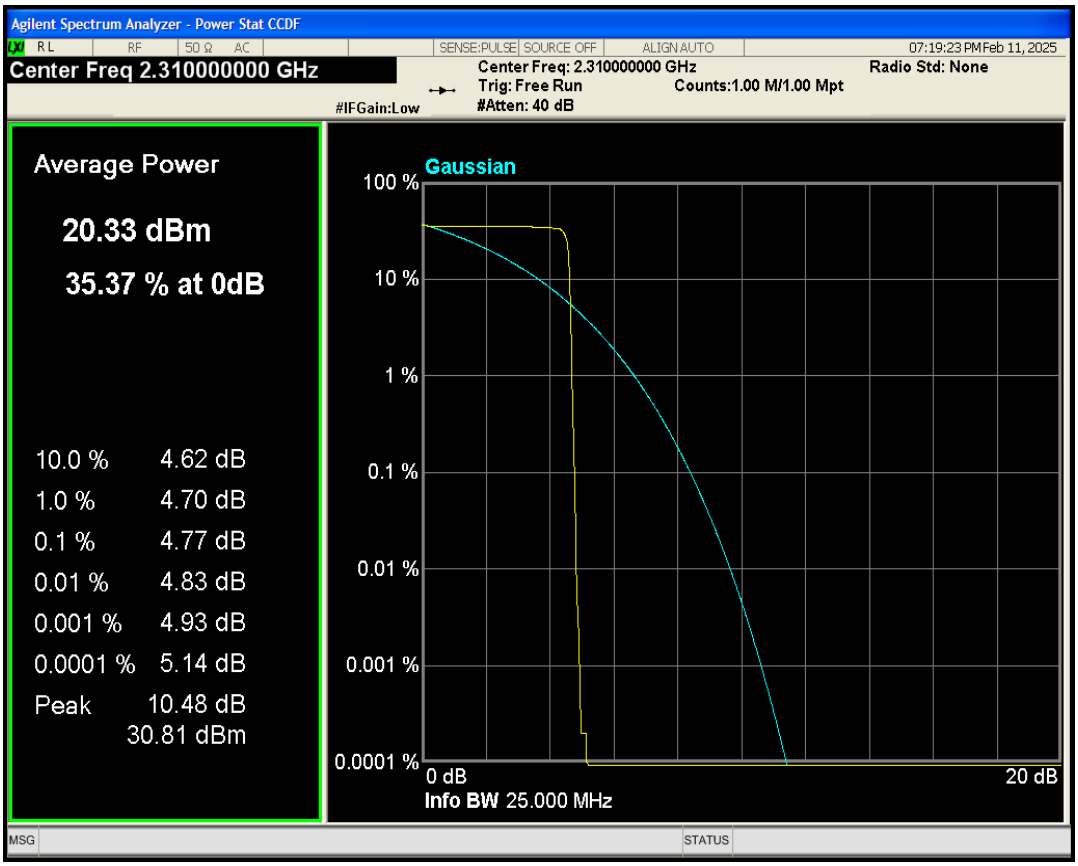
Band40a QAM16 BW=5MHz Channel=38750 RB Size=1 Position=#0



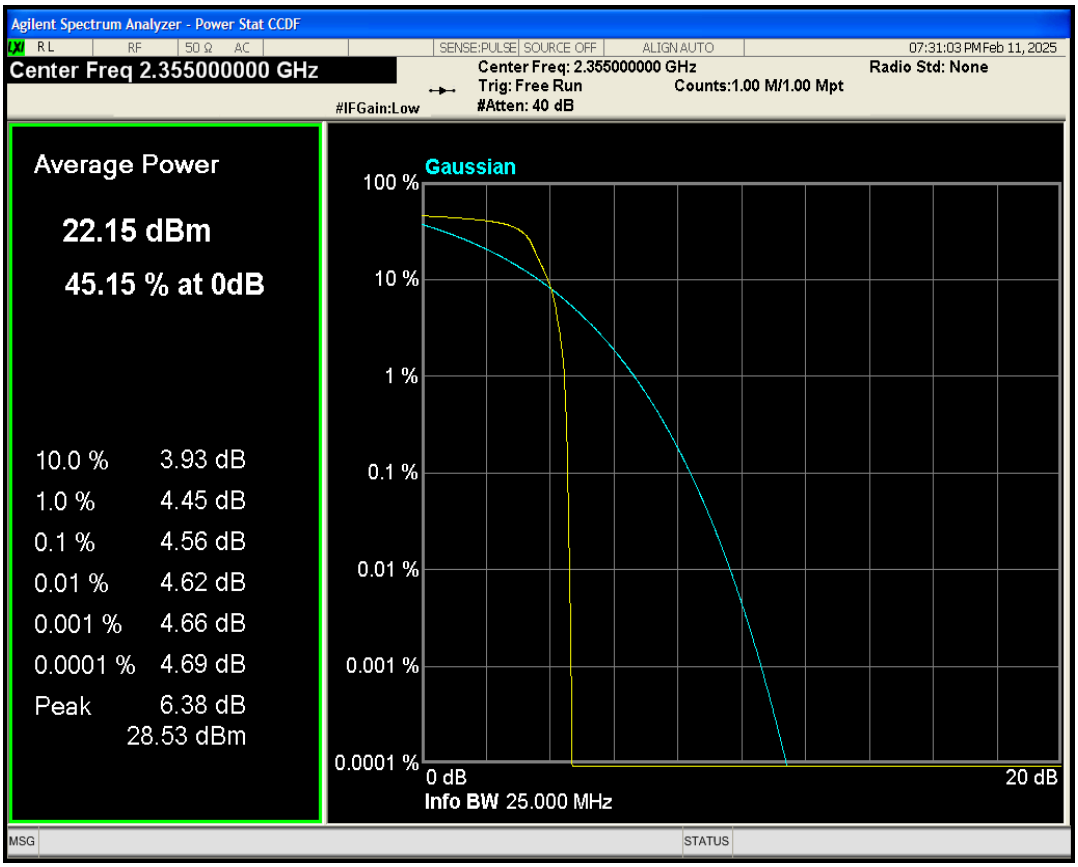
Band40a QAM16 BW=10MHz Channel=38750 RB Size=1 Position=#0



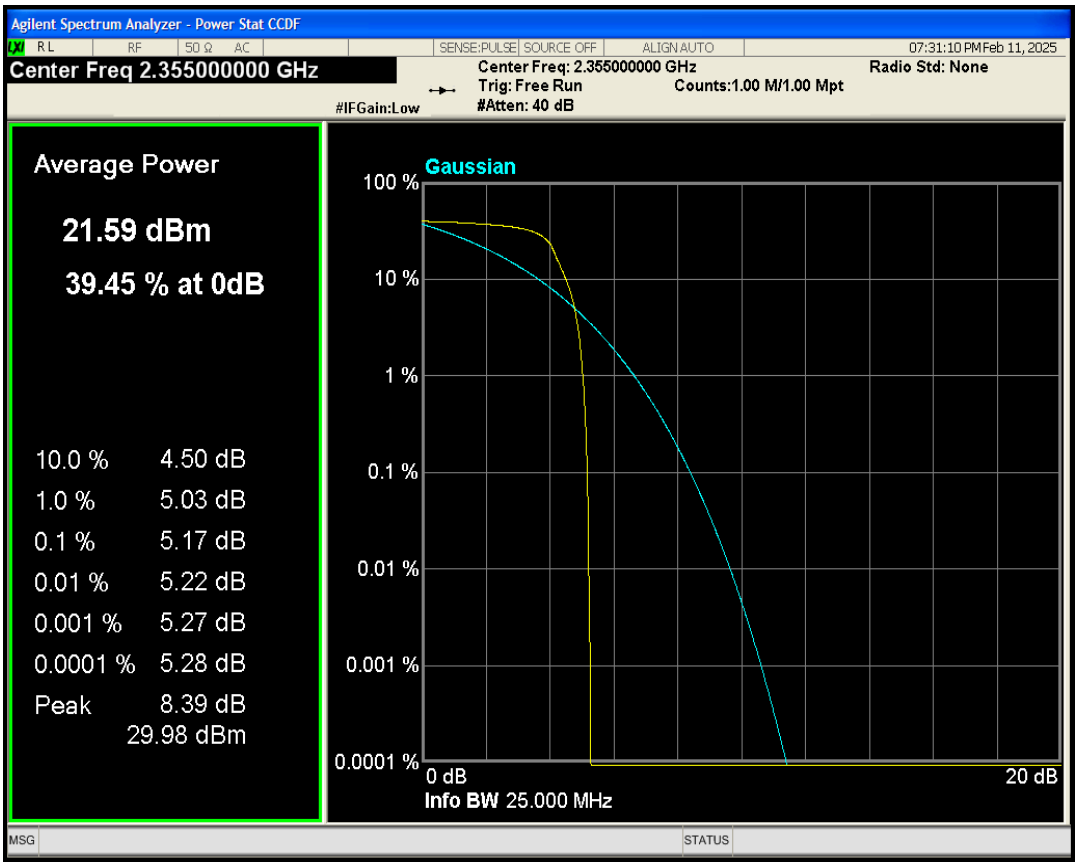
Band40a QPSK BW=10MHz Channel=38750 RB Size=1 Position=#0



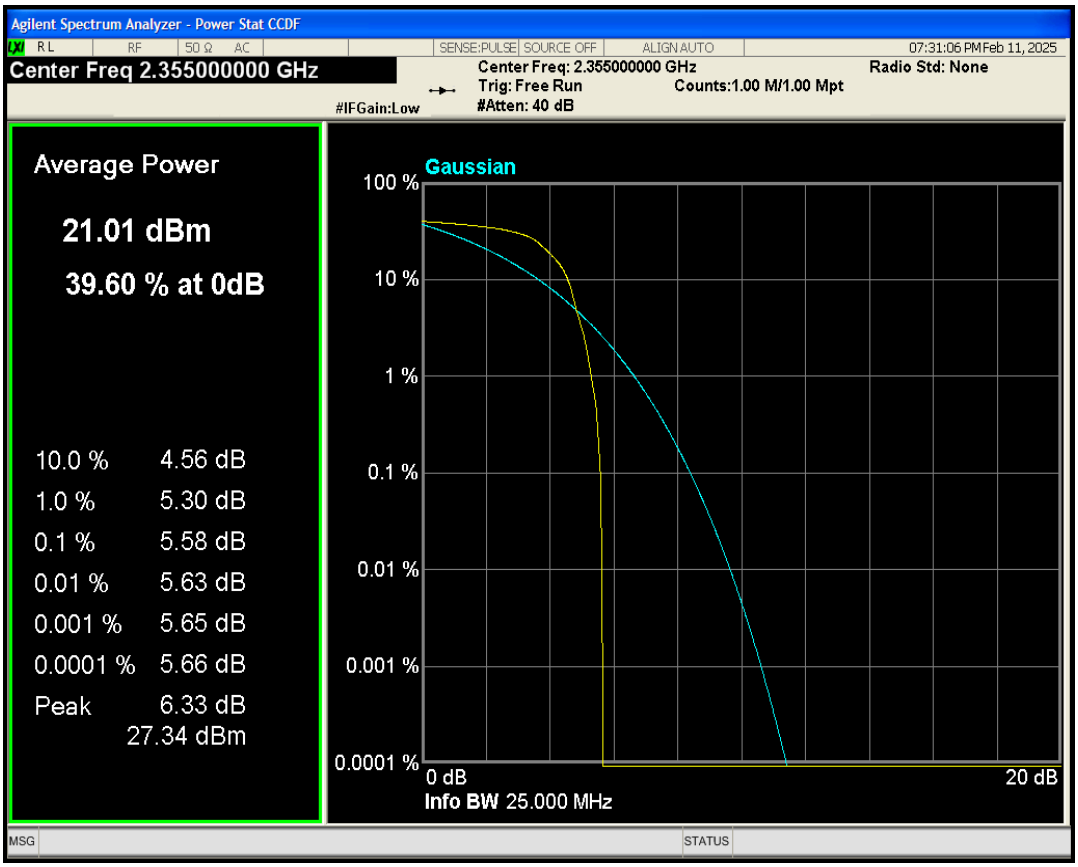
Band40b QPSK BW=5MHz Channel=39200 RB Size=1 Position=#0



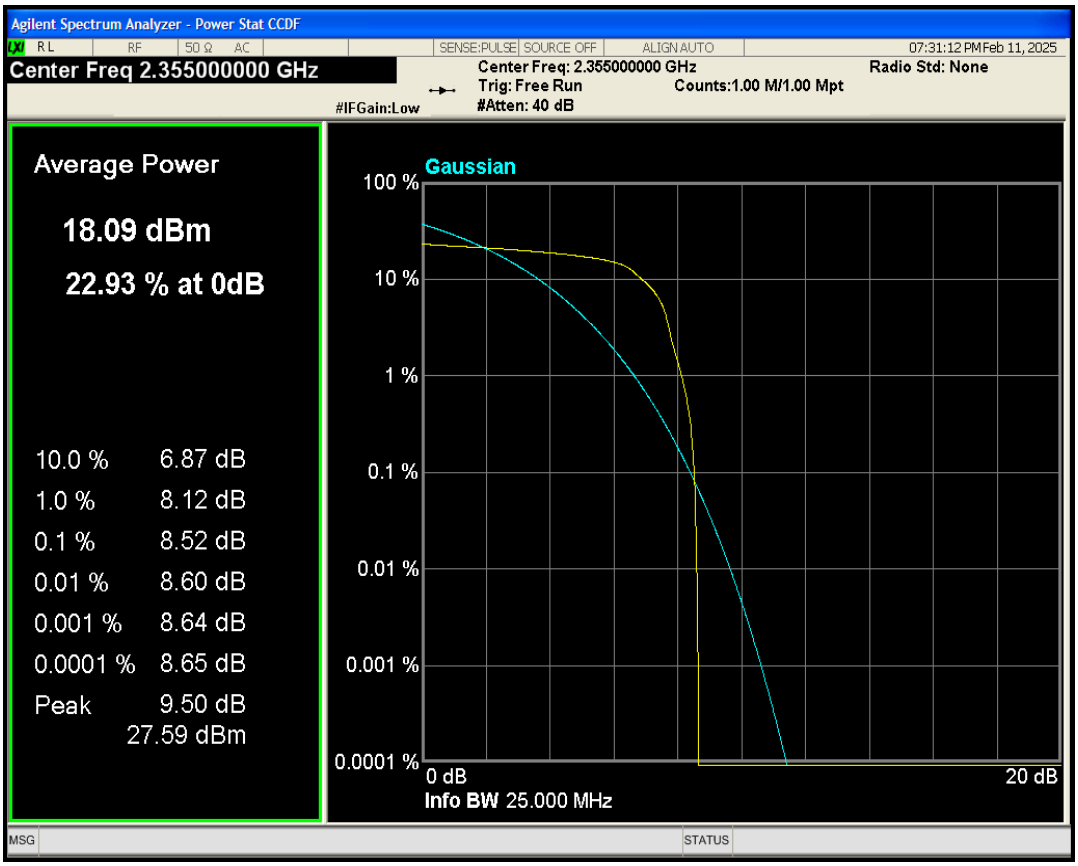
Band40b QPSK BW=10MHz Channel=39200 RB Size=1 Position=#0



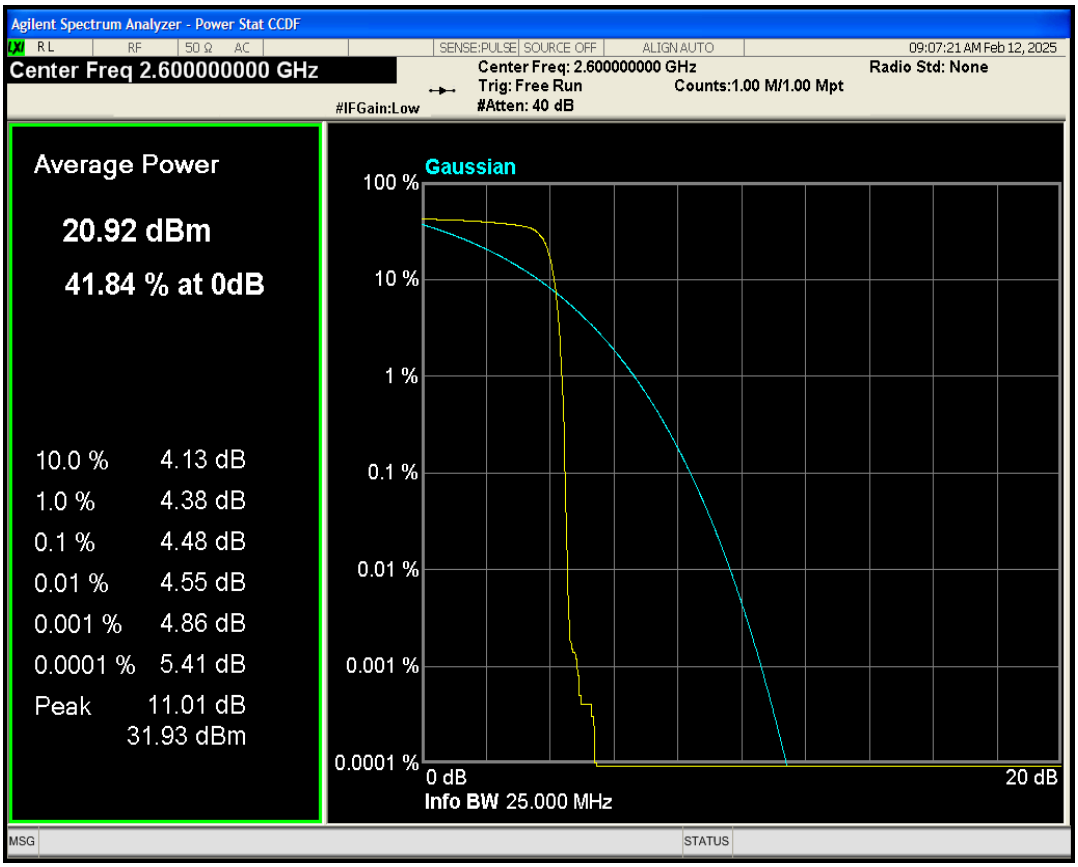
Band40b QAM16 BW=5MHz Channel=39200 RB Size=1 Position=#0



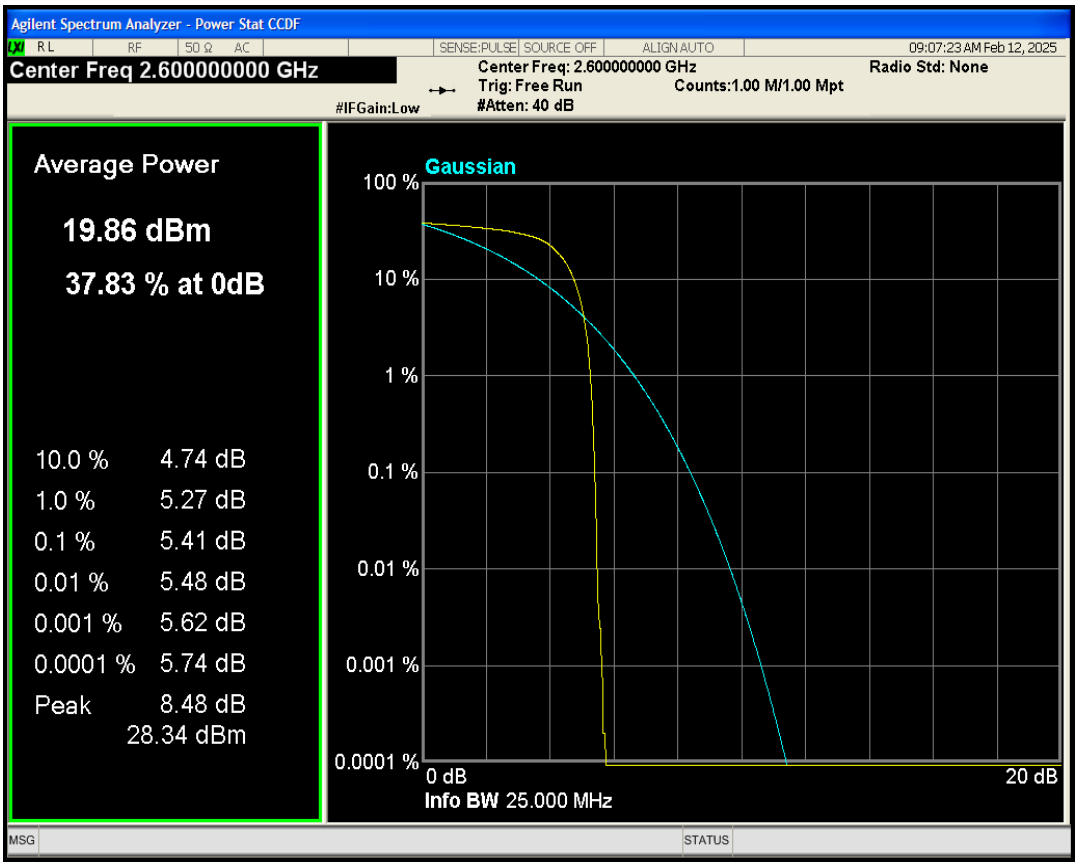
Band40b QAM16 BW=10MHz Channel=39200 RB Size=1 Position=#0



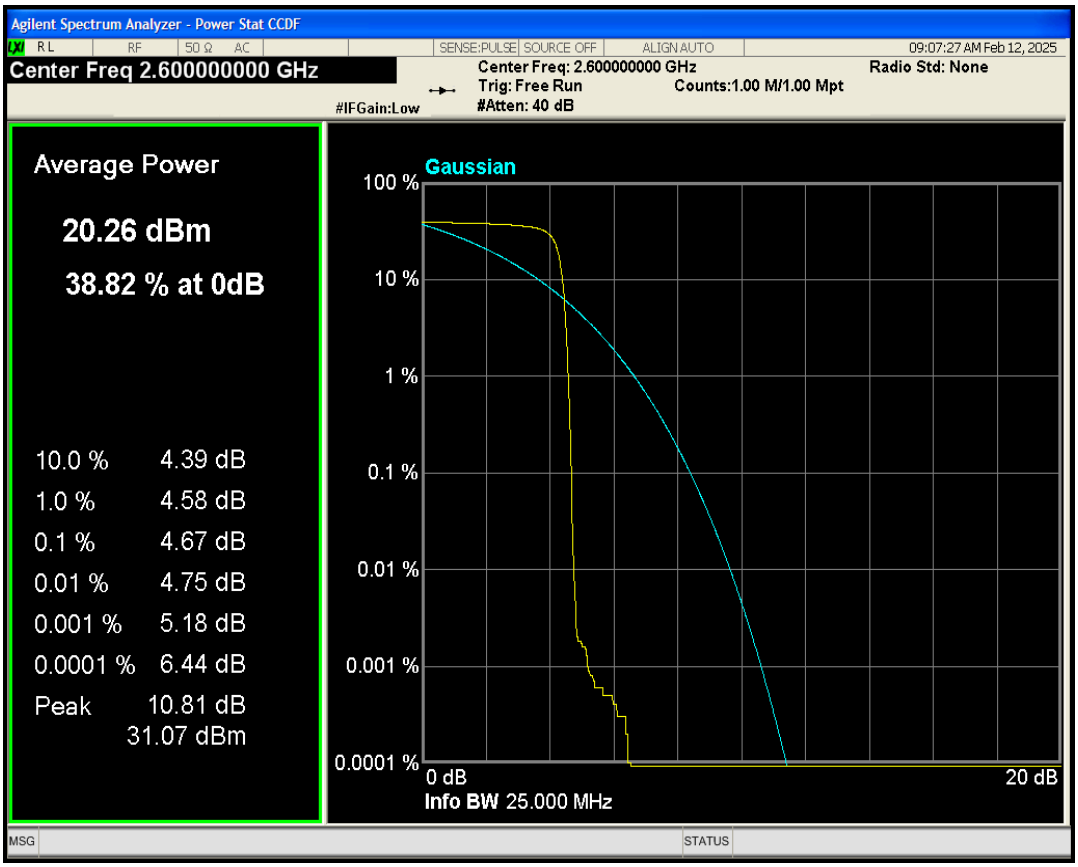
Band41(2545-2655) QPSK BW=5MHz Channel=40690 RB Size=1 Position=#0



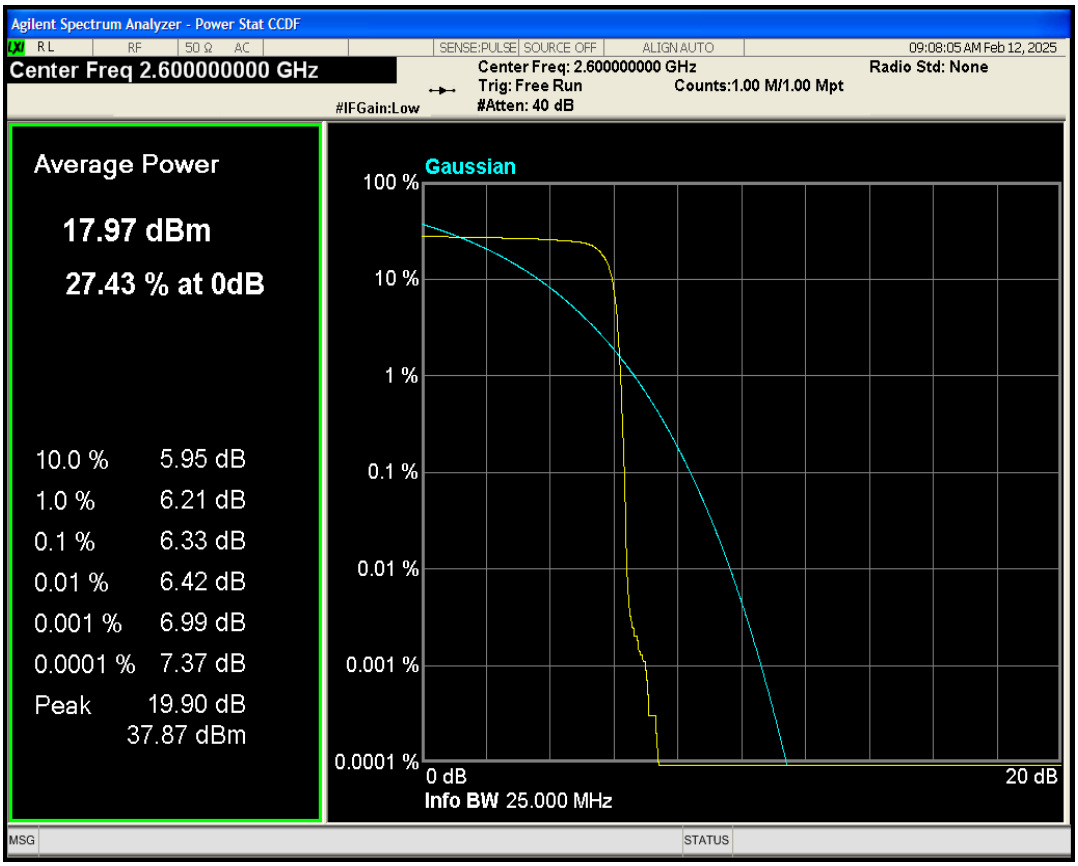
Band41(2545-2655) QAM16 BW=5MHz Channel=40690 RB Size=1 Position=#0



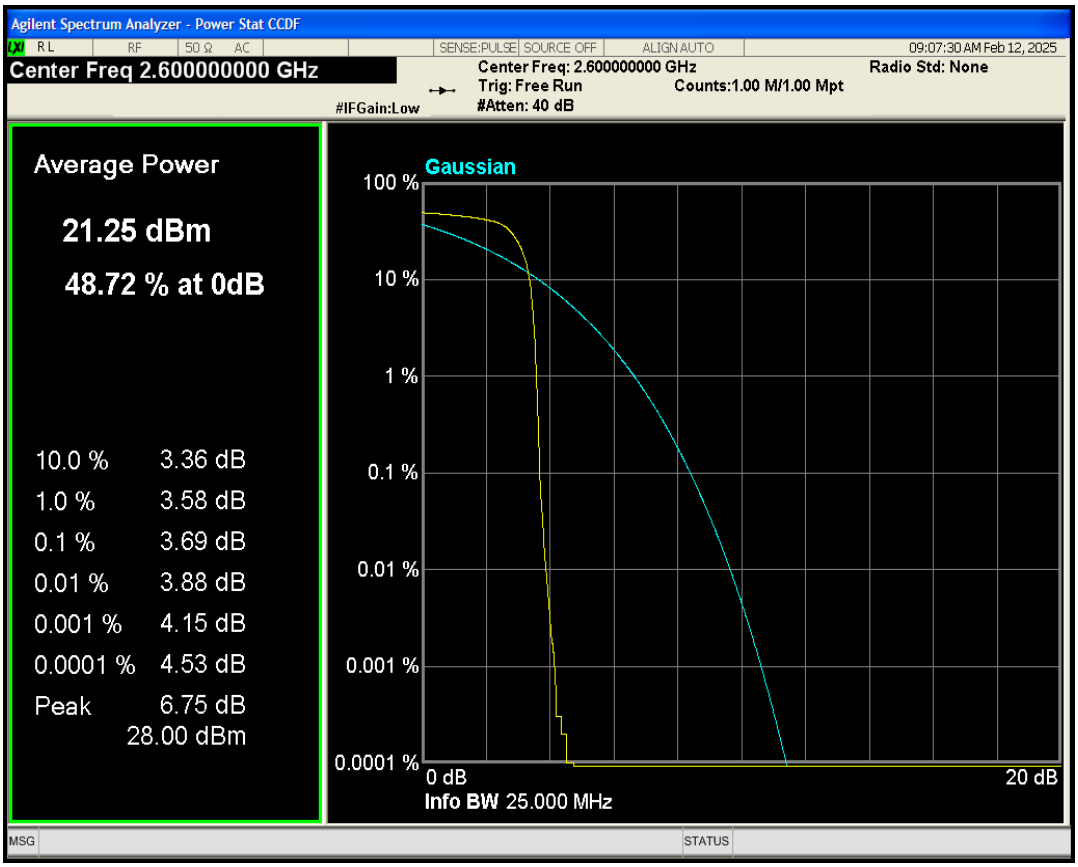
Band41(2545-2655) QPSK BW=10MHz Channel=40690 RB Size=1 Position=#0



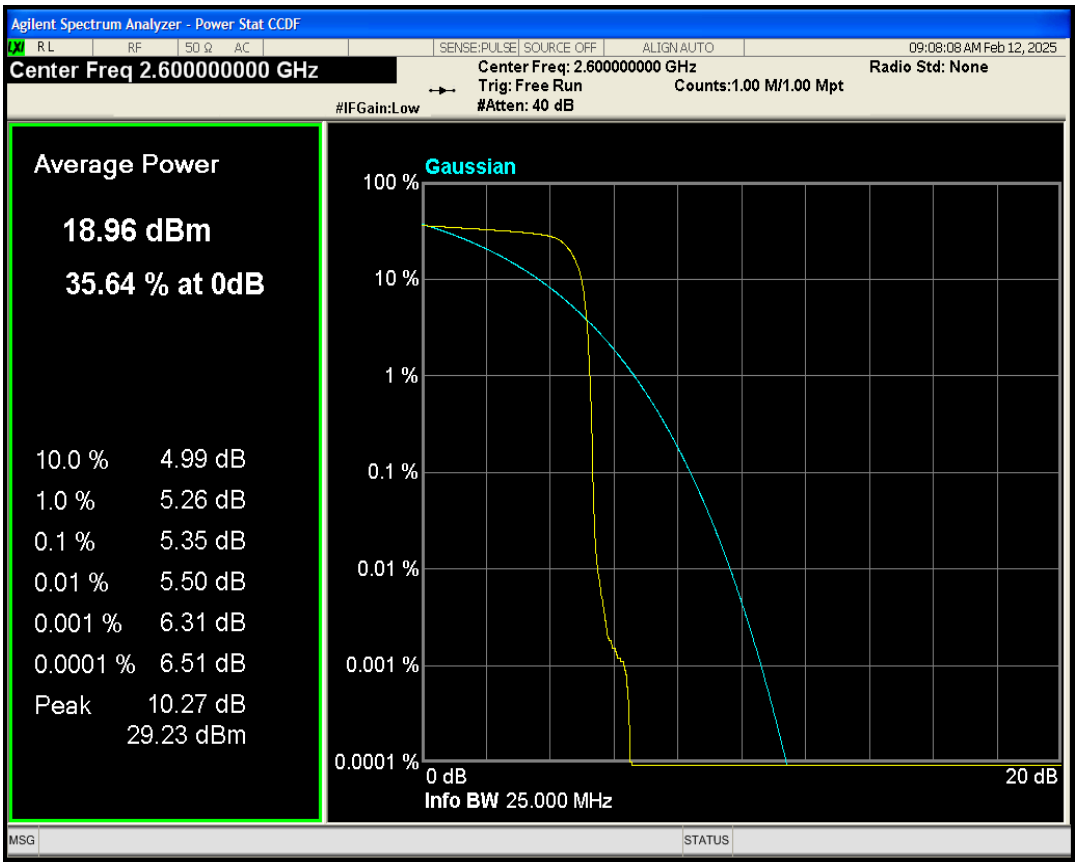
Band41(2545-2655) QPSK BW=15MHz Channel=40690 RB Size=1 Position=#0



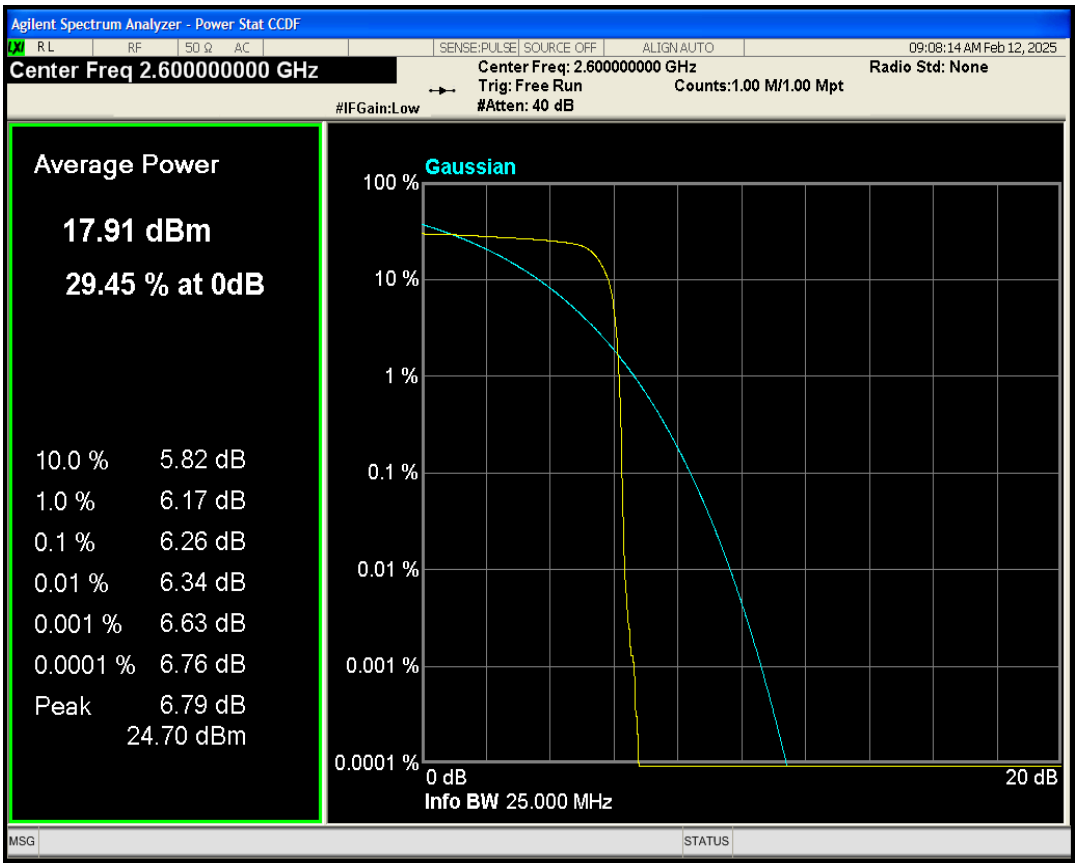
Band41(2545-2655) QAM16 BW=10MHz Channel=40690 RB Size=1 Position=#0



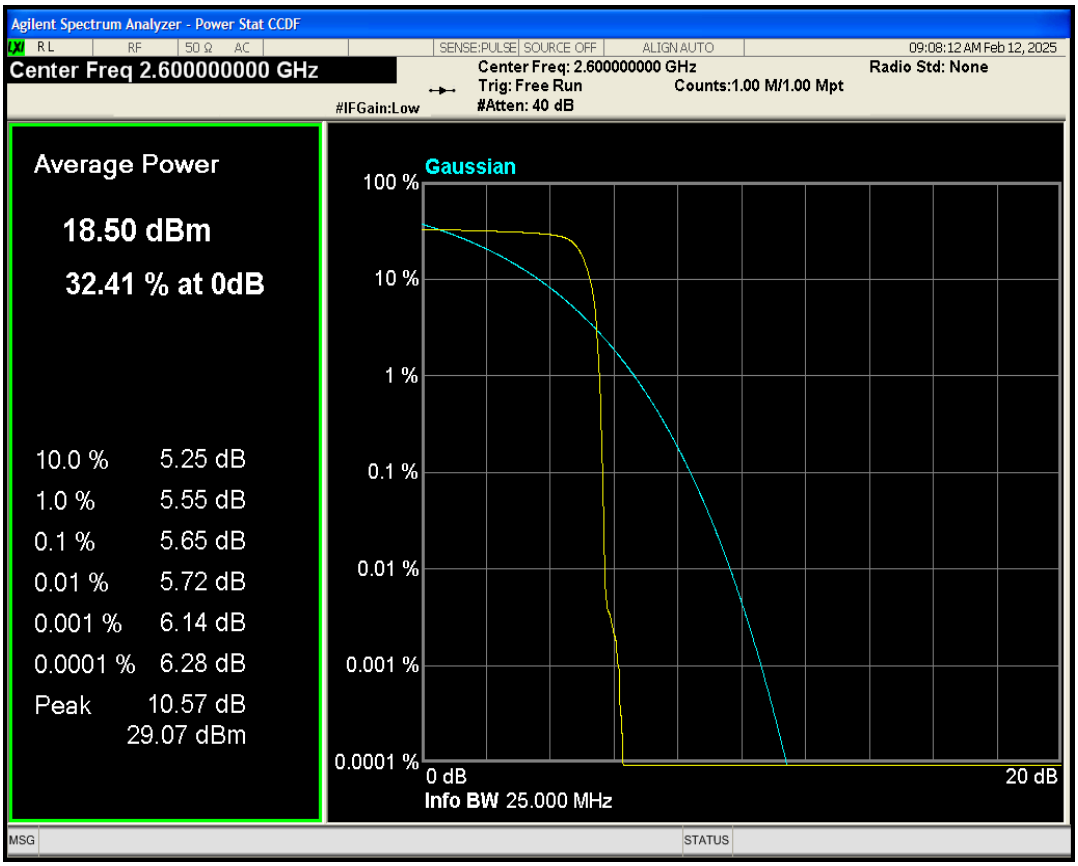
Band41(2545-2655) QAM16 BW=15MHz Channel=40690 RB Size=1 Position=#0



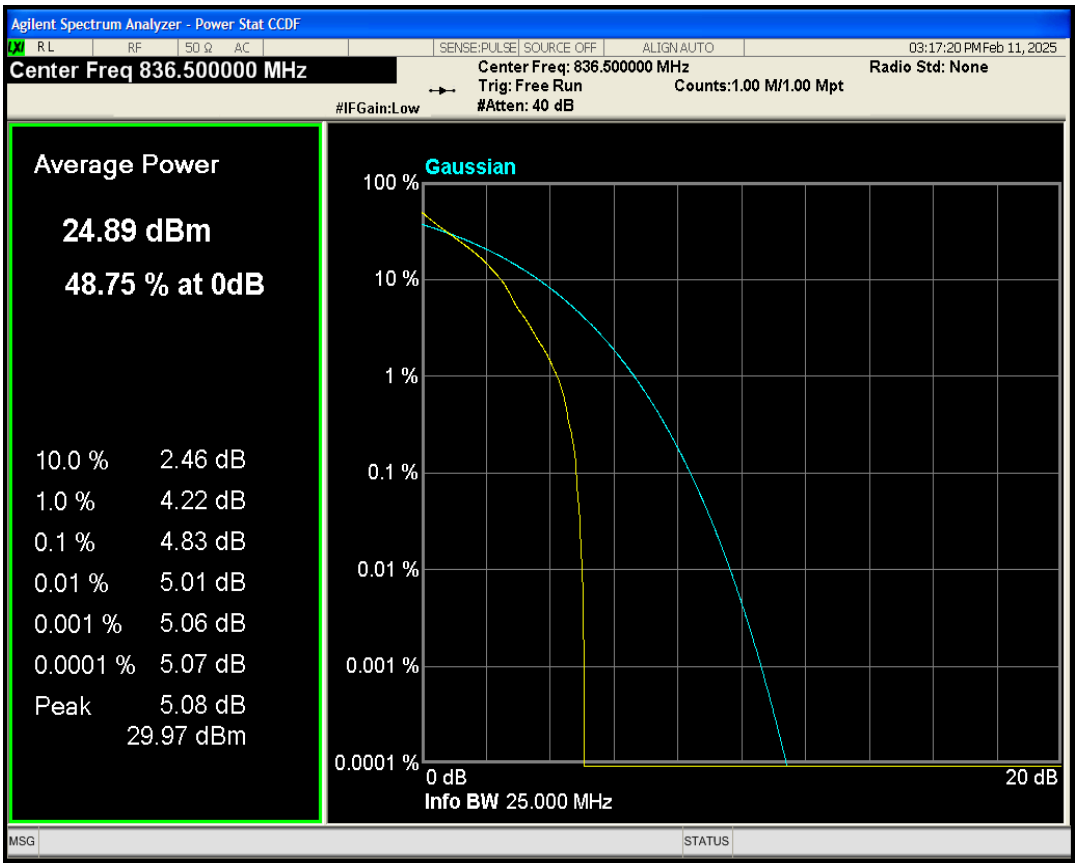
Band41(2545-2655) QAM16 BW=20MHz Channel=40690 RB Size=1 Position=#0



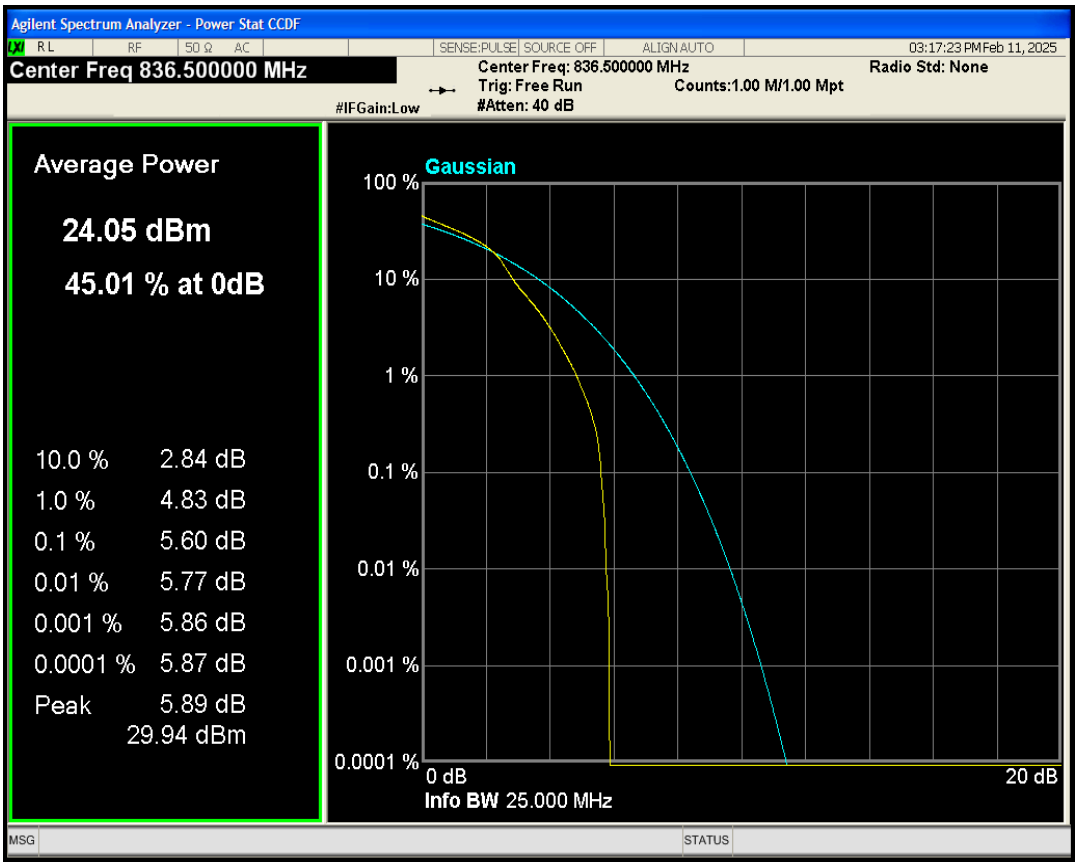
Band41(2545-2655) QPSK BW=20MHz Channel=40690 RB Size=1 Position=#0



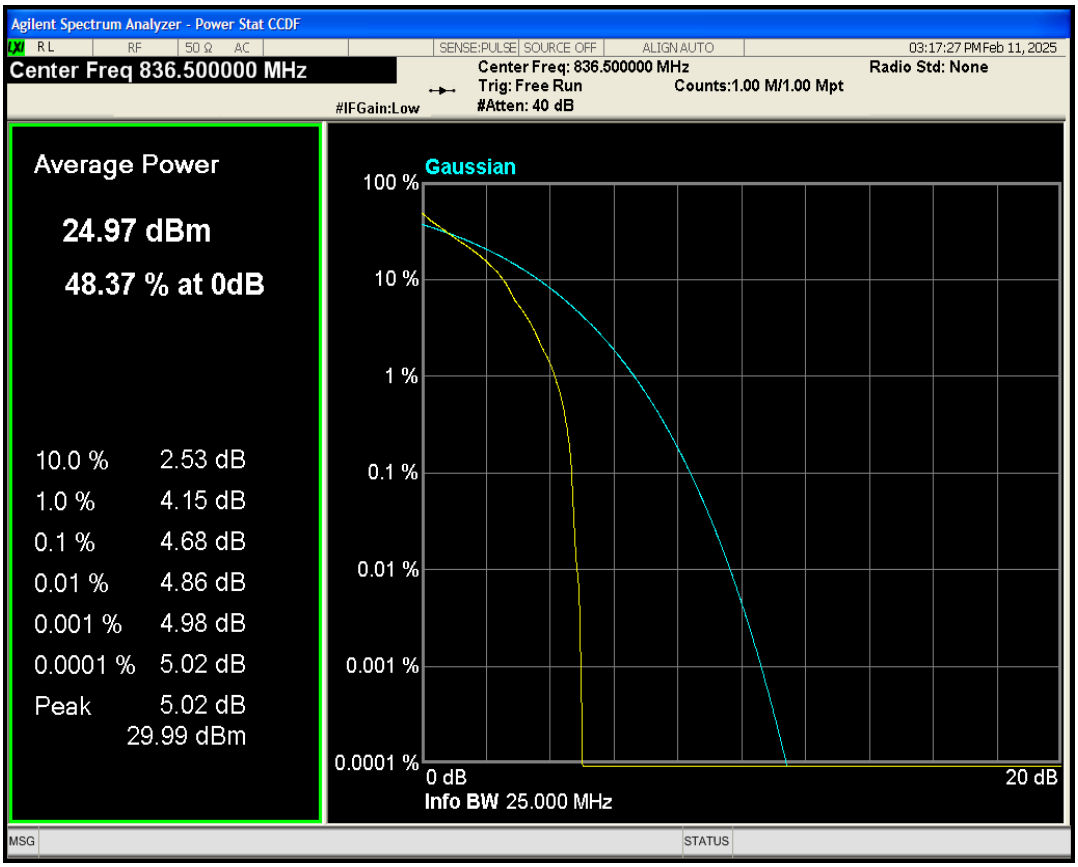
Band5 QPSK BW=1.4MHz Channel=20525 RB Size=1 Position=#0



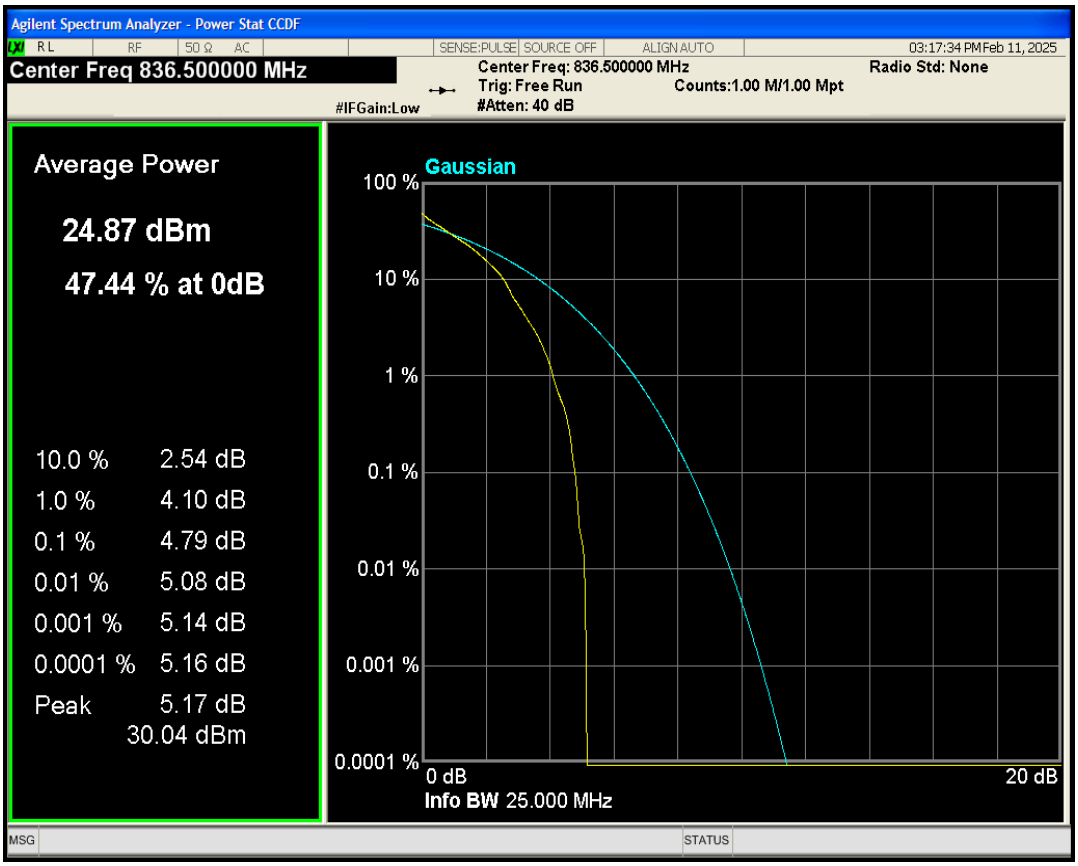
Band5 QAM16 BW=1.4MHz Channel=20525 RB Size=1 Position=#0



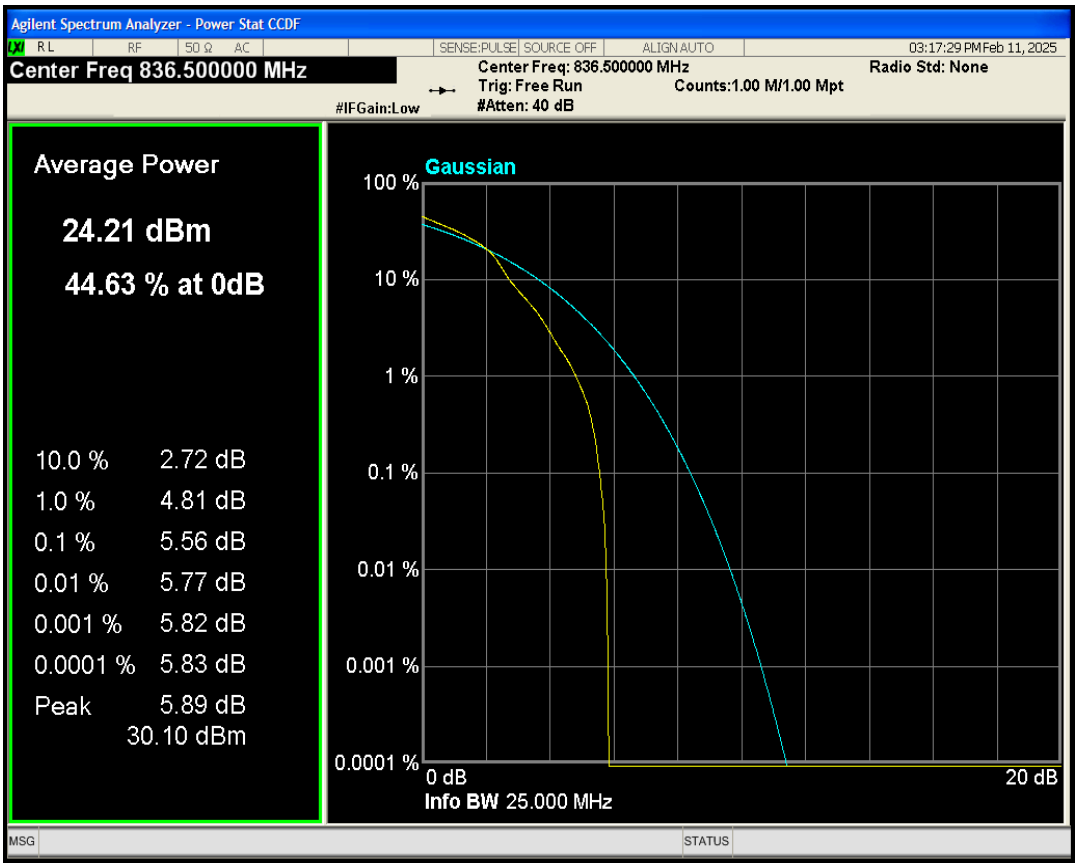
Band5 QPSK BW=3MHz Channel=20525 RB Size=1 Position=#0



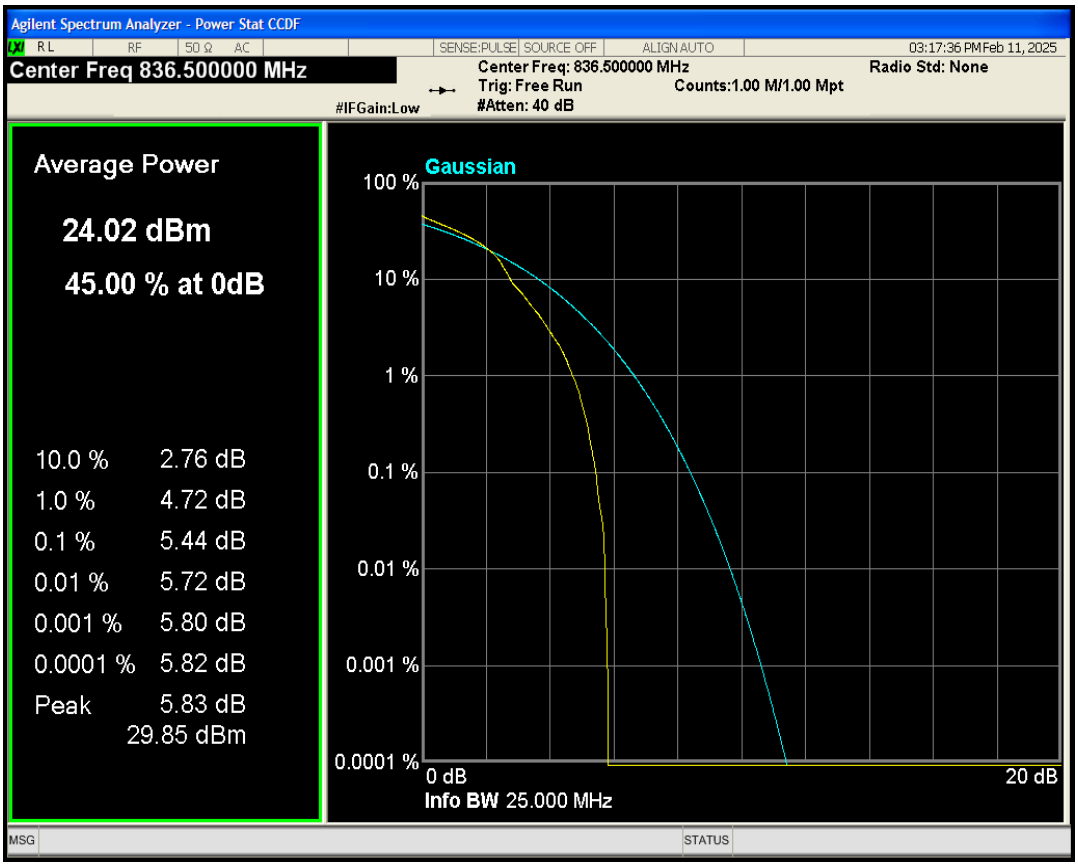
Band5 QPSK BW=5MHz Channel=20525 RB Size=1 Position=#0



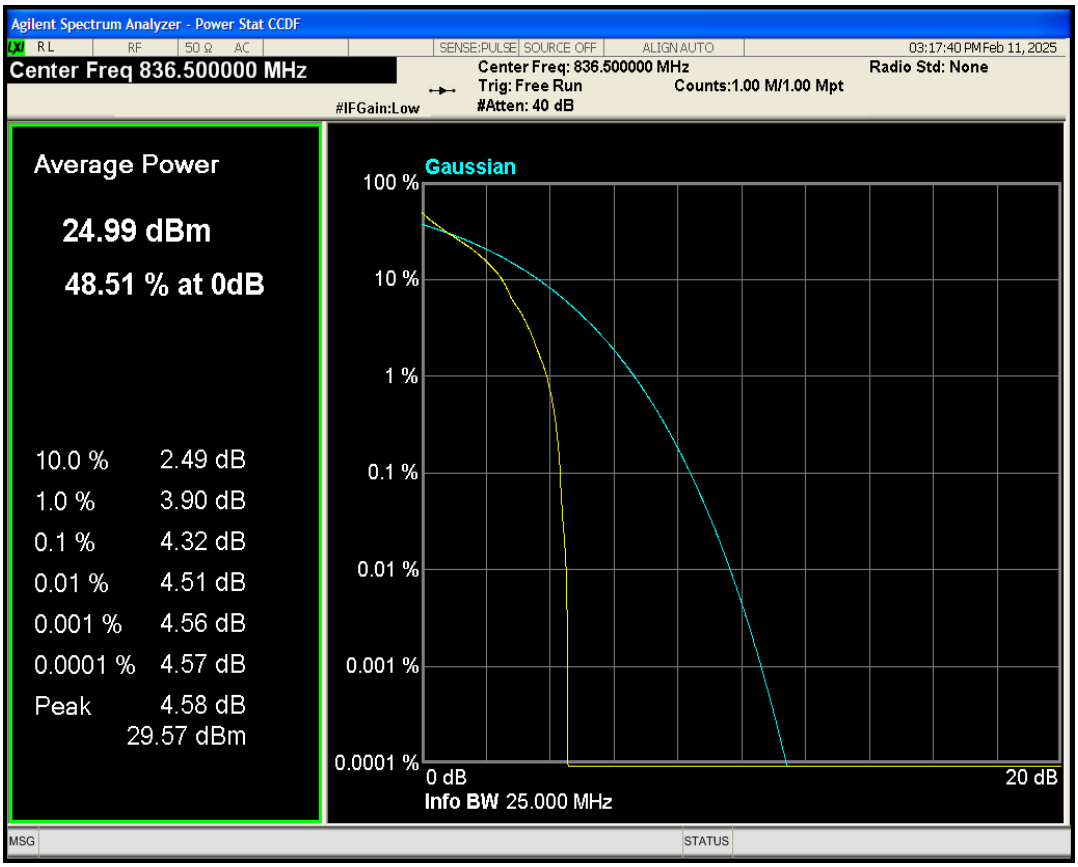
Band5 QAM16 BW=3MHz Channel=20525 RB Size=1 Position=#0



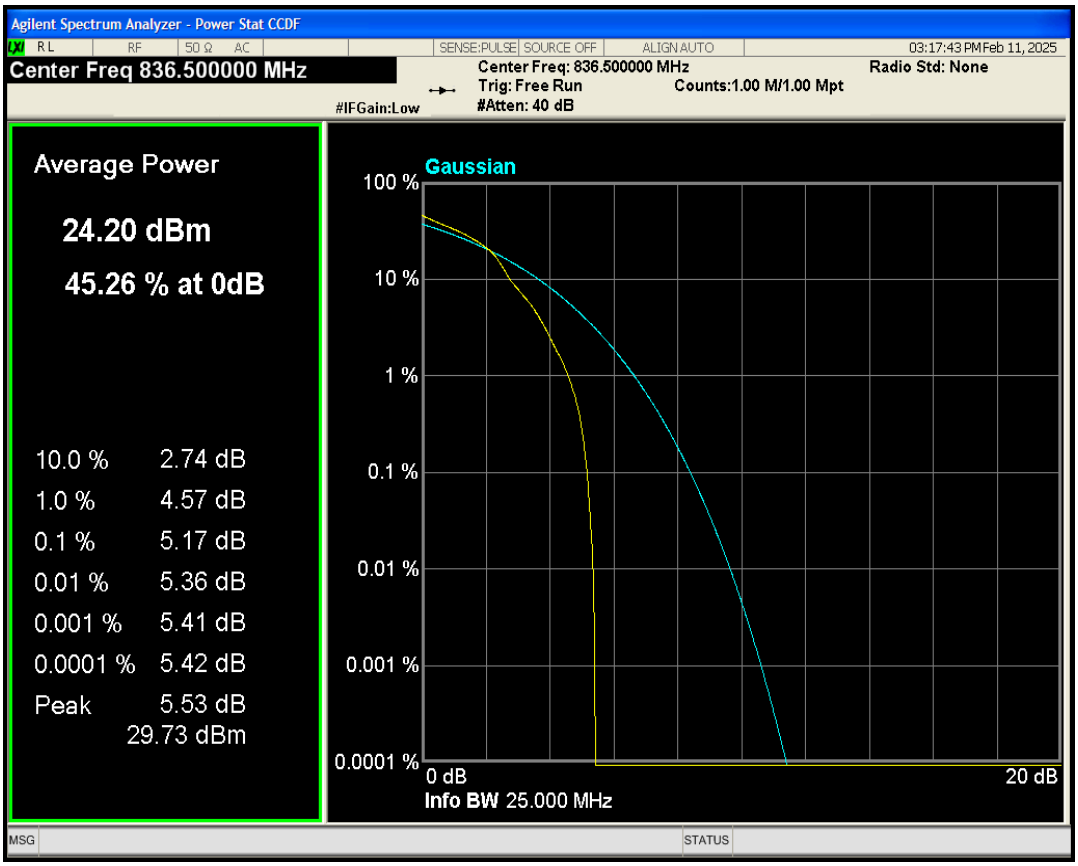
Band5 QAM16 BW=5MHz Channel=20525 RB Size=1 Position=#0



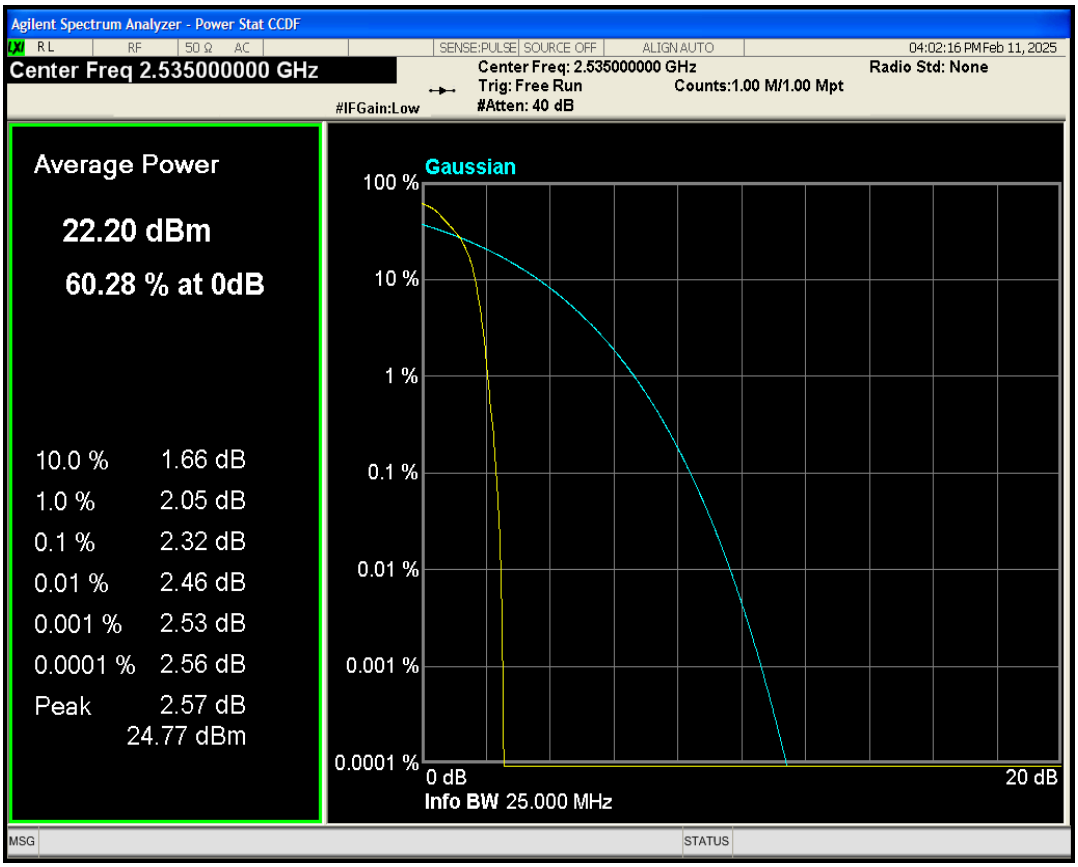
Band5 QPSK BW=10MHz Channel=20525 RB Size=1 Position=#0



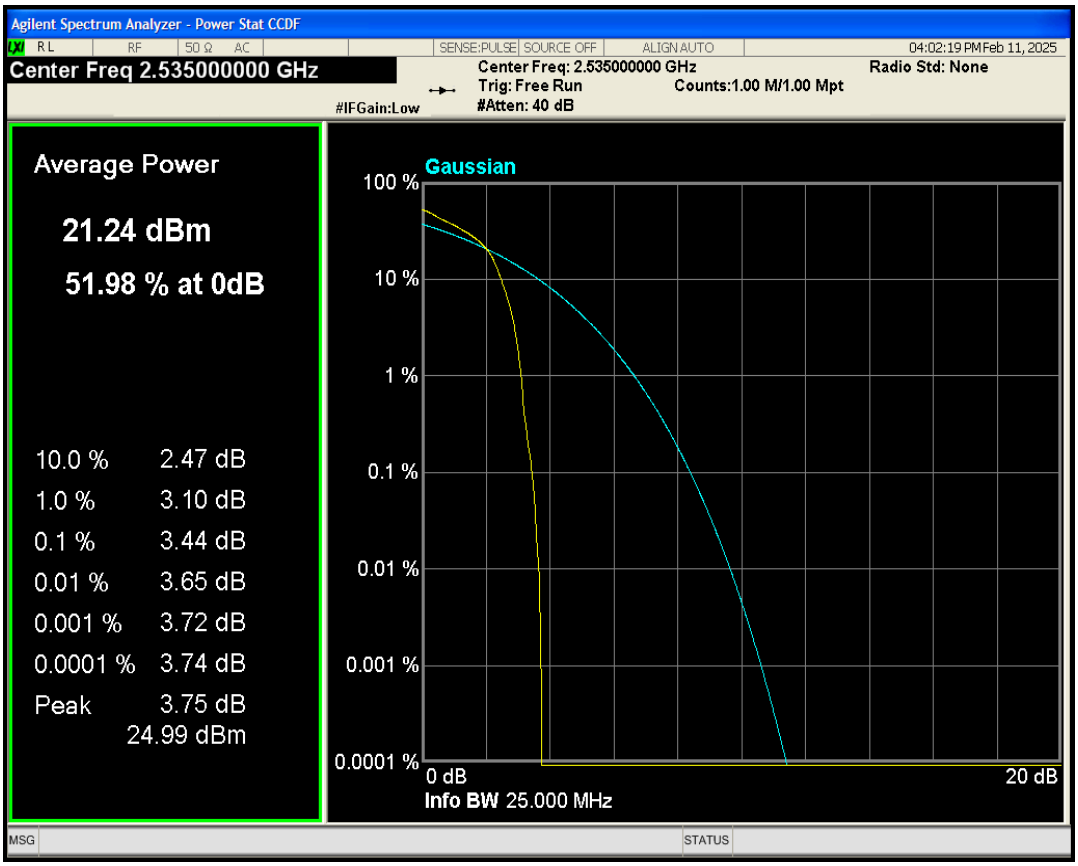
Band5 QAM16 BW=10MHz Channel=20525 RB Size=1 Position=#0



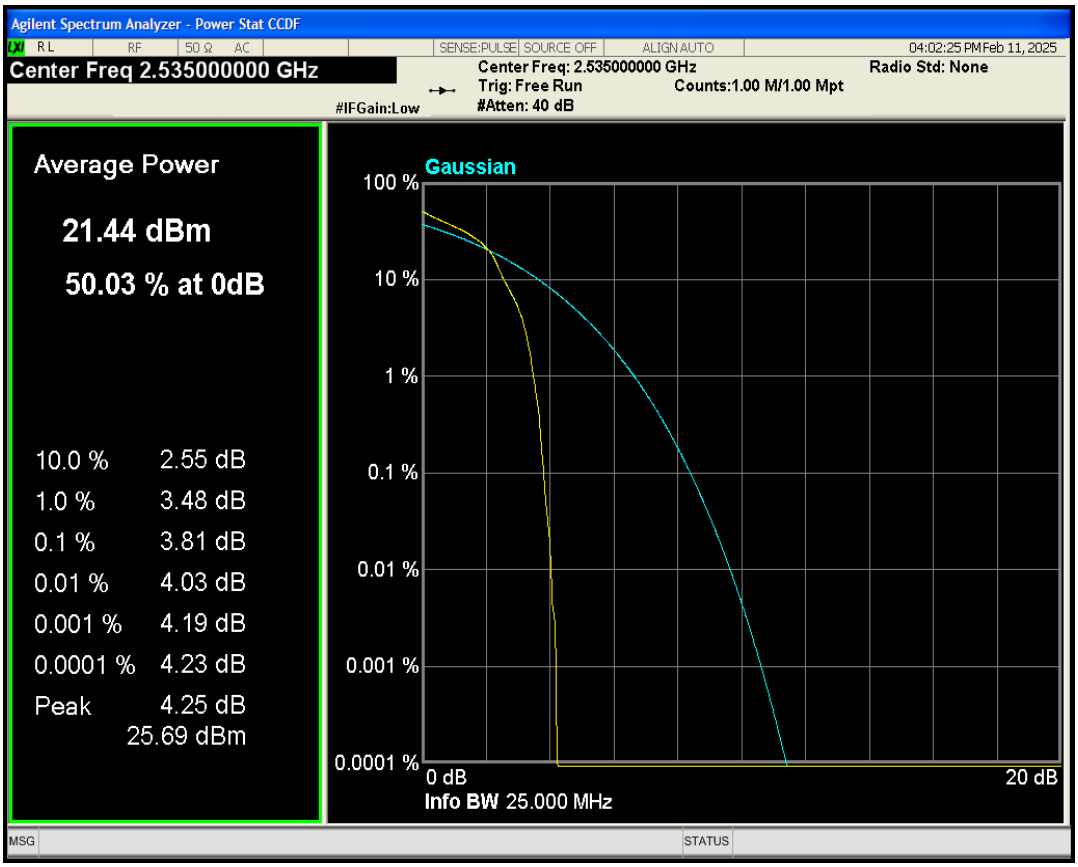
Band7 QPSK BW=5MHz Channel=21100 RB Size=1 Position=#0



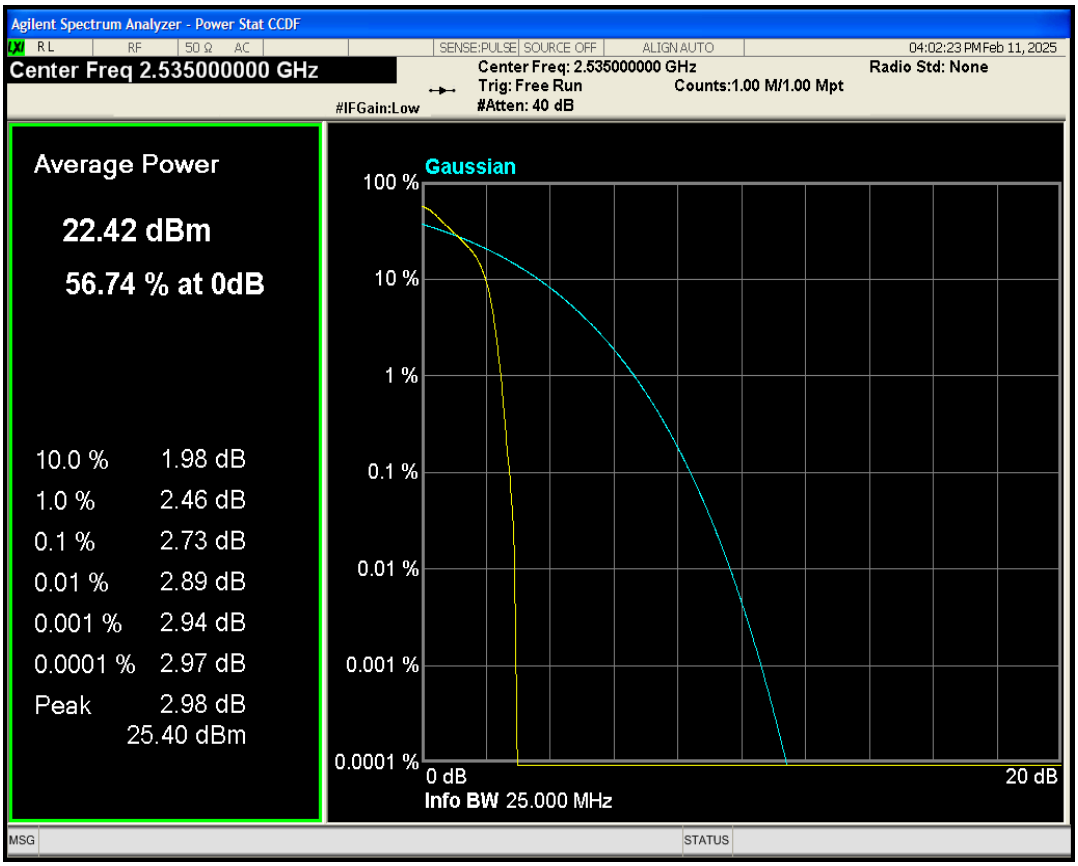
Band7 QAM16 BW=5MHz Channel=21100 RB Size=1 Position=#0



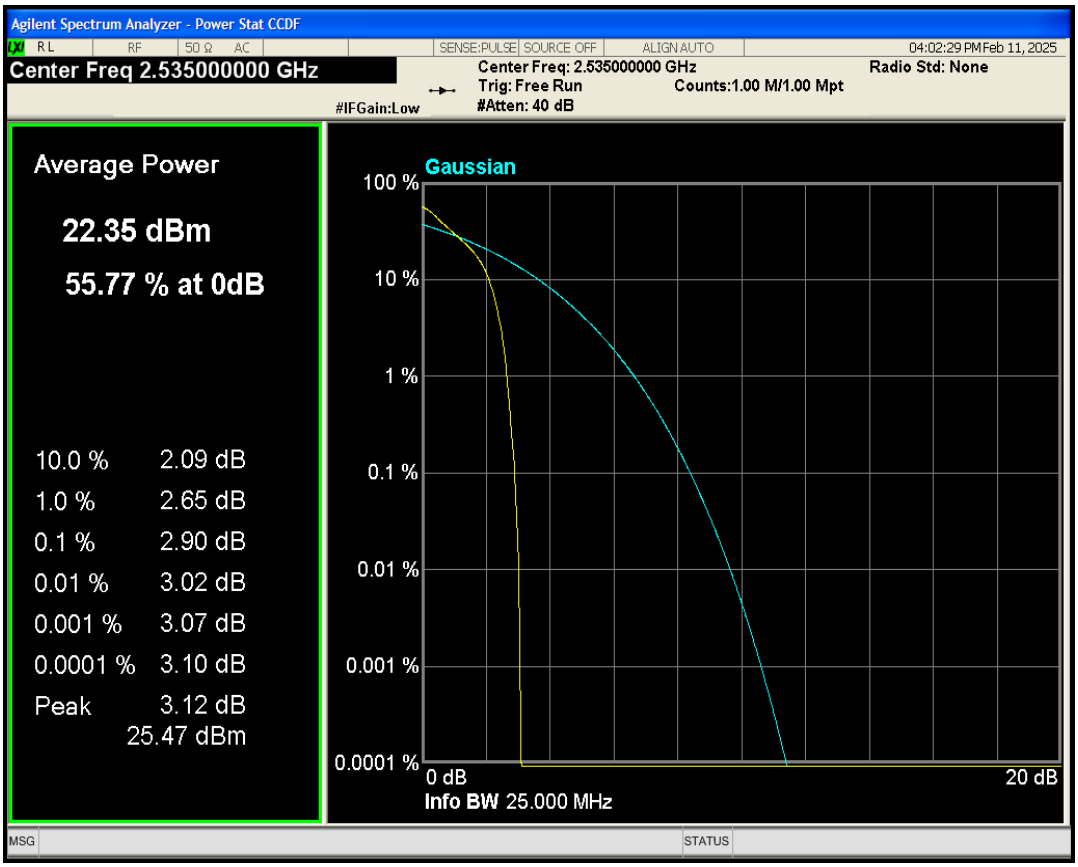
Band7 QAM16 BW=10MHz Channel=21100 RB Size=1 Position=#0



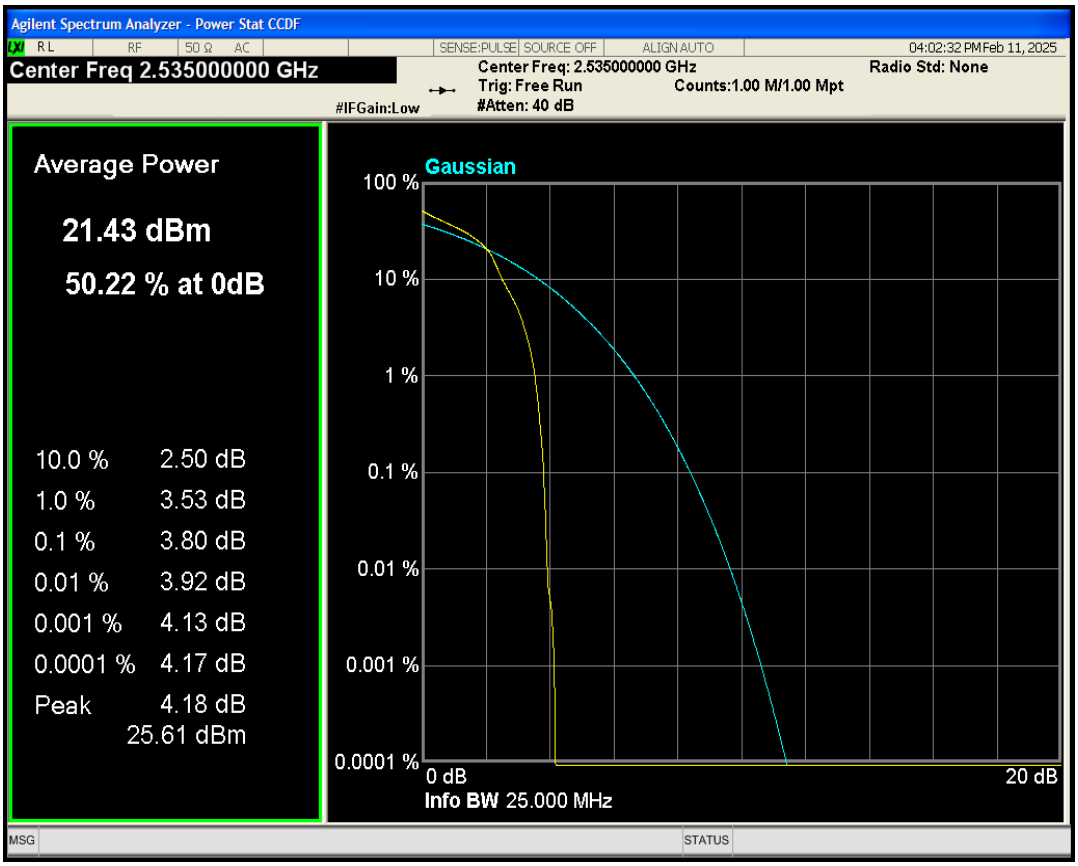
Band7 QPSK BW=10MHz Channel=21100 RB Size=1 Position=#0



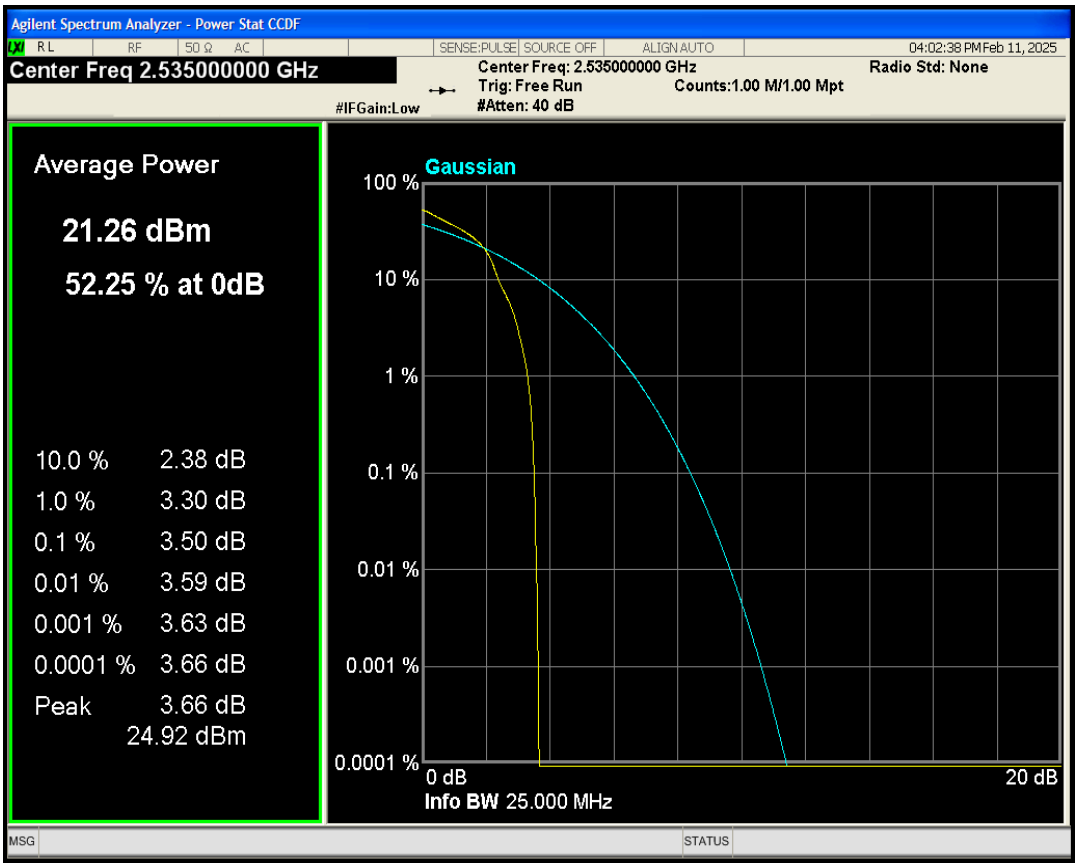
Band7 QPSK BW=15MHz Channel=21100 RB Size=1 Position=#0



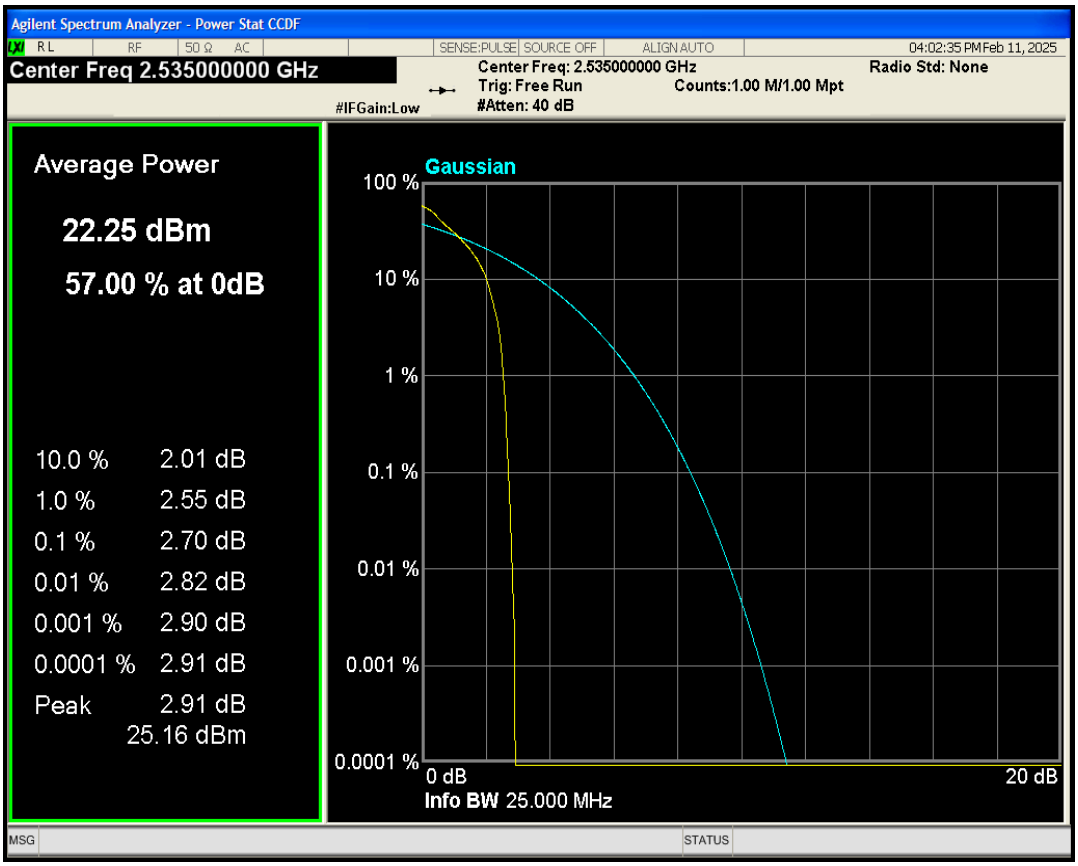
Band7 QAM16 BW=15MHz Channel=21100 RB Size=1 Position=#0



Band7 QAM16 BW=20MHz Channel=21100 RB Size=1 Position=#0



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



4 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	1.092	1.330	PASS
Band12	1.4	23095	6	#0	QAM16	1.098	1.303	PASS
Band12	3	23095	15	#0	QPSK	2.690	2.890	PASS
Band12	3	23095	15	#0	QAM16	2.686	2.917	PASS
Band12	5	23095	25	#0	QPSK	4.520	5.109	PASS
Band12	5	23095	25	#0	QAM16	4.504	5.000	PASS
Band12	10	23095	50	#0	QPSK	8.946	9.790	PASS
Band12	10	23095	50	#0	QAM16	8.948	9.780	PASS
Band17	5	23790	25	#0	QPSK	4.509	5.108	PASS
Band17	5	23790	25	#0	QAM16	4.512	5.072	PASS
Band17	10	23790	50	#0	QPSK	8.977	10.021	PASS
Band17	10	23790	50	#0	QAM16	8.972	9.917	PASS
Band2	1.4	18900	6	#0	QPSK	1.092	1.273	PASS
Band2	1.4	18900	6	#0	QAM16	1.097	1.289	PASS
Band2	3	18900	15	#0	QPSK	2.685	2.905	PASS
Band2	3	18900	15	#0	QAM16	2.682	2.930	PASS
Band2	5	18900	25	#0	QPSK	4.506	4.941	PASS
Band2	5	18900	25	#0	QAM16	4.507	4.883	PASS
Band2	10	18900	50	#0	QPSK	8.977	9.781	PASS
Band2	10	18900	50	#0	QAM16	8.992	9.727	PASS
Band2	15	18900	75	#0	QPSK	13.479	14.486	PASS
Band2	15	18900	75	#0	QAM16	13.443	14.437	PASS
Band2	20	18900	100	#0	QPSK	17.950	19.103	PASS
Band2	20	18900	100	#0	QAM16	17.911	19.252	PASS
Band38	5	38000	25	#0	QPSK	4.625	9.668	PASS
Band38	5	38000	25	#0	QAM16	4.552	8.287	PASS
Band38	10	38000	50	#0	QPSK	9.344	18.646	PASS
Band38	10	38000	50	#0	QAM16	9.095	18.496	PASS
Band38	15	38000	75	#0	QPSK	16.046	28.774	PASS
Band38	15	38000	75	#0	QAM16	13.812	28.224	PASS
Band38	20	38000	100	#0	QPSK	19.365	39.762	PASS
Band38	20	38000	100	#0	QAM16	18.252	36.032	PASS
Band4	1.4	20175	6	#0	QPSK	1.091	1.289	PASS
Band4	1.4	20175	6	#0	QAM16	1.098	1.290	PASS
Band4	3	20175	15	#0	QPSK	2.688	2.932	PASS
Band4	3	20175	15	#0	QAM16	2.683	2.912	PASS
Band4	5	20175	25	#0	QPSK	4.521	4.919	PASS
Band4	5	20175	25	#0	QAM16	4.511	4.896	PASS
Band4	10	20175	50	#0	QPSK	8.994	9.729	PASS
Band4	10	20175	50	#0	QAM16	8.988	9.701	PASS
Band4	15	20175	75	#0	QPSK	13.495	14.433	PASS
Band4	15	20175	75	#0	QAM16	13.499	14.455	PASS