

Appendix for Band 2

Report No.: BCTC2309714850-2E

Applicant: Shenzhen Great Asia Electronic Co.,Ltd.

Product Name: Tablet PC

Model/Type
reference: VOLT-V010-2

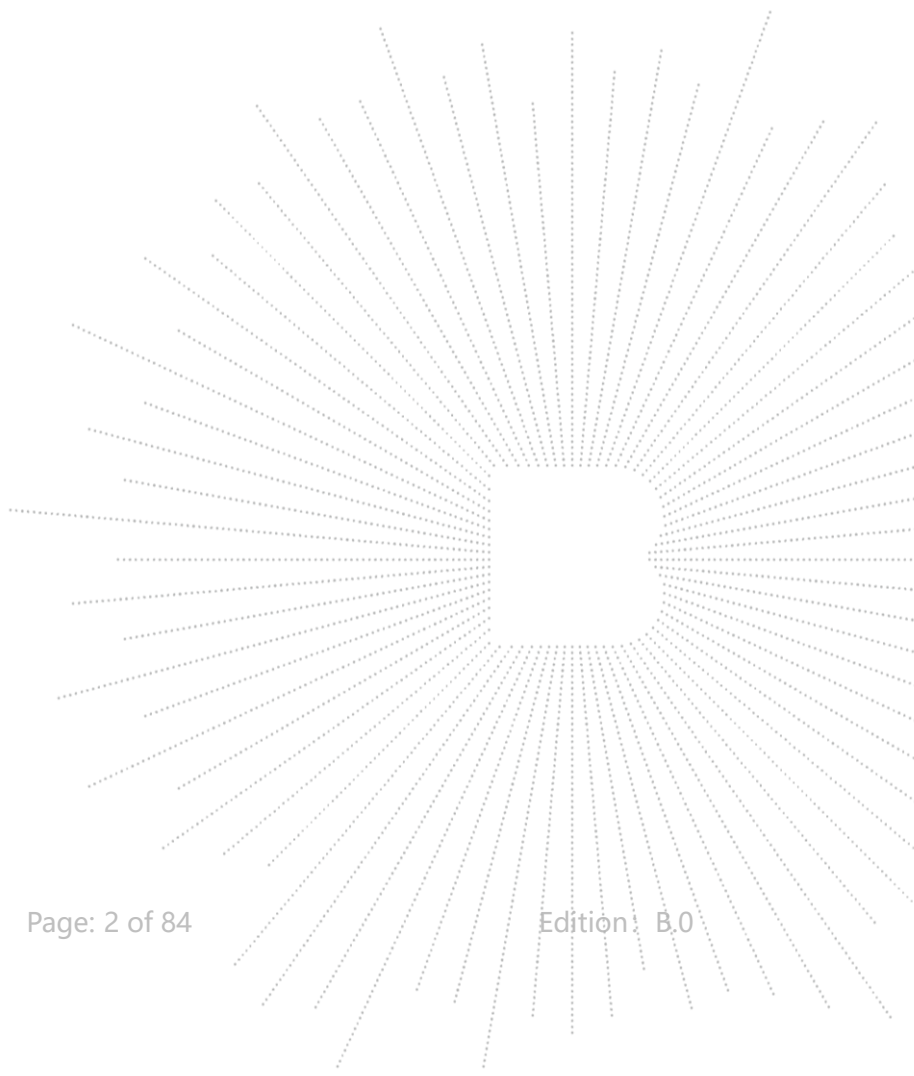
Tested Date: 2023-09-18 to 2023-10-09

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Shenzhen BCTC Testing Co., Ltd.

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Appendix 1. Conducted output power

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Verdict
Band2	1.4	18607	1	#0	QPSK	23.47	PASS
Band2	1.4	18607	1	#Mid	QPSK	23.57	PASS
Band2	1.4	18607	1	#Max	QPSK	23.50	PASS
Band2	1.4	18607	3	#0	QPSK	23.40	PASS
Band2	1.4	18607	3	#Mid	QPSK	23.45	PASS
Band2	1.4	18607	3	#Max	QPSK	23.42	PASS
Band2	1.4	18607	6	#0	QPSK	22.46	PASS
Band2	1.4	18607	1	#0	16QAM	23.46	PASS
Band2	1.4	18607	1	#Mid	16QAM	23.37	PASS
Band2	1.4	18607	1	#Max	16QAM	23.45	PASS
Band2	1.4	18607	3	#0	16QAM	22.61	PASS
Band2	1.4	18607	3	#Mid	16QAM	22.67	PASS
Band2	1.4	18607	3	#Max	16QAM	22.61	PASS
Band2	1.4	18607	6	#0	16QAM	21.55	PASS
Band2	1.4	18900	1	#0	QPSK	23.48	PASS
Band2	1.4	18900	1	#Mid	QPSK	23.50	PASS
Band2	1.4	18900	1	#Max	QPSK	23.51	PASS
Band2	1.4	18900	3	#0	QPSK	23.68	PASS
Band2	1.4	18900	3	#Mid	QPSK	23.63	PASS
Band2	1.4	18900	3	#Max	QPSK	23.54	PASS
Band2	1.4	18900	6	#0	QPSK	22.59	PASS
Band2	1.4	18900	1	#0	16QAM	22.66	PASS
Band2	1.4	18900	1	#Mid	16QAM	22.66	PASS
Band2	1.4	18900	1	#Max	16QAM	22.69	PASS
Band2	1.4	18900	3	#0	16QAM	22.64	PASS
Band2	1.4	18900	3	#Mid	16QAM	22.61	PASS
Band2	1.4	18900	3	#Max	16QAM	22.63	PASS
Band2	1.4	18900	6	#0	16QAM	21.63	PASS
Band2	1.4	19193	1	#0	QPSK	23.84	PASS
Band2	1.4	19193	1	#Mid	QPSK	23.81	PASS
Band2	1.4	19193	1	#Max	QPSK	23.85	PASS
Band2	1.4	19193	3	#0	QPSK	23.78	PASS
Band2	1.4	19193	3	#Mid	QPSK	23.79	PASS
Band2	1.4	19193	3	#Max	QPSK	23.74	PASS
Band2	1.4	19193	6	#0	QPSK	22.84	PASS
Band2	1.4	19193	1	#0	16QAM	23.05	PASS
Band2	1.4	19193	1	#Mid	16QAM	22.94	PASS
Band2	1.4	19193	1	#Max	16QAM	22.99	PASS
Band2	1.4	19193	3	#0	16QAM	23.12	PASS



Band2	1.4	19193	3	#Mid	16QAM	23.12	PASS
Band2	1.4	19193	3	#Max	16QAM	23.10	PASS
Band2	1.4	19193	6	#0	16QAM	21.95	PASS
Band2	3	18615	1	#0	QPSK	23.36	PASS
Band2	3	18615	1	#Mid	QPSK	23.36	PASS
Band2	3	18615	1	#Max	QPSK	23.28	PASS
Band2	3	18615	8	#0	QPSK	22.55	PASS
Band2	3	18615	8	#Mid	QPSK	22.49	PASS
Band2	3	18615	8	#Max	QPSK	22.35	PASS
Band2	3	18615	15	#0	QPSK	22.44	PASS
Band2	3	18615	1	#0	16QAM	23.51	PASS
Band2	3	18615	1	#Mid	16QAM	23.46	PASS
Band2	3	18615	1	#Max	16QAM	23.47	PASS
Band2	3	18615	8	#0	16QAM	21.40	PASS
Band2	3	18615	8	#Mid	16QAM	21.39	PASS
Band2	3	18615	8	#Max	16QAM	21.38	PASS
Band2	3	18615	15	#0	16QAM	21.60	PASS
Band2	3	18900	1	#0	QPSK	23.47	PASS
Band2	3	18900	1	#Mid	QPSK	23.49	PASS
Band2	3	18900	1	#Max	QPSK	23.55	PASS
Band2	3	18900	8	#0	QPSK	22.65	PASS
Band2	3	18900	8	#Mid	QPSK	22.66	PASS
Band2	3	18900	8	#Max	QPSK	22.57	PASS
Band2	3	18900	15	#0	QPSK	22.62	PASS
Band2	3	18900	1	#0	16QAM	22.71	PASS
Band2	3	18900	1	#Mid	16QAM	22.71	PASS
Band2	3	18900	1	#Max	16QAM	22.66	PASS
Band2	3	18900	8	#0	16QAM	21.71	PASS
Band2	3	18900	8	#Mid	16QAM	21.74	PASS
Band2	3	18900	8	#Max	16QAM	21.76	PASS
Band2	3	18900	15	#0	16QAM	21.63	PASS
Band2	3	19185	1	#0	QPSK	23.80	PASS
Band2	3	19185	1	#Mid	QPSK	23.84	PASS
Band2	3	19185	1	#Max	QPSK	23.90	PASS
Band2	3	19185	8	#0	QPSK	22.78	PASS
Band2	3	19185	8	#Mid	QPSK	22.75	PASS
Band2	3	19185	8	#Max	QPSK	22.80	PASS
Band2	3	19185	15	#0	QPSK	22.83	PASS
Band2	3	19185	1	#0	16QAM	23.05	PASS
Band2	3	19185	1	#Mid	16QAM	22.99	PASS
Band2	3	19185	1	#Max	16QAM	22.99	PASS
Band2	3	19185	8	#0	16QAM	21.87	PASS
Band2	3	19185	8	#Mid	16QAM	21.78	PASS
Band2	3	19185	8	#Max	16QAM	21.85	PASS



Band2	3	19185	15	#0	16QAM	21.81	PASS
Band2	5	18625	1	#0	QPSK	23.24	PASS
Band2	5	18625	1	#Mid	QPSK	23.19	PASS
Band2	5	18625	1	#Max	QPSK	23.32	PASS
Band2	5	18625	12	#0	QPSK	22.54	PASS
Band2	5	18625	12	#Mid	QPSK	22.29	PASS
Band2	5	18625	12	#Max	QPSK	22.42	PASS
Band2	5	18625	25	#0	QPSK	22.32	PASS
Band2	5	18625	1	#0	16QAM	22.65	PASS
Band2	5	18625	1	#Mid	16QAM	22.47	PASS
Band2	5	18625	1	#Max	16QAM	22.59	PASS
Band2	5	18625	12	#0	16QAM	21.41	PASS
Band2	5	18625	12	#Mid	16QAM	21.31	PASS
Band2	5	18625	12	#Max	16QAM	21.42	PASS
Band2	5	18625	25	#0	16QAM	21.51	PASS
Band2	5	18900	1	#0	QPSK	23.70	PASS
Band2	5	18900	1	#Mid	QPSK	23.63	PASS
Band2	5	18900	1	#Max	QPSK	23.63	PASS
Band2	5	18900	12	#0	QPSK	22.54	PASS
Band2	5	18900	12	#Mid	QPSK	22.63	PASS
Band2	5	18900	12	#Max	QPSK	22.64	PASS
Band2	5	18900	25	#0	QPSK	22.60	PASS
Band2	5	18900	1	#0	16QAM	22.41	PASS
Band2	5	18900	1	#Mid	16QAM	22.30	PASS
Band2	5	18900	1	#Max	16QAM	22.30	PASS
Band2	5	18900	12	#0	16QAM	21.55	PASS
Band2	5	18900	12	#Mid	16QAM	21.51	PASS
Band2	5	18900	12	#Max	16QAM	21.55	PASS
Band2	5	18900	25	#0	16QAM	21.73	PASS
Band2	5	19175	1	#0	QPSK	23.66	PASS
Band2	5	19175	1	#Mid	QPSK	23.71	PASS
Band2	5	19175	1	#Max	QPSK	23.74	PASS
Band2	5	19175	12	#0	QPSK	22.79	PASS
Band2	5	19175	12	#Mid	QPSK	22.79	PASS
Band2	5	19175	12	#Max	QPSK	22.79	PASS
Band2	5	19175	25	#0	QPSK	22.74	PASS
Band2	5	19175	1	#0	16QAM	22.77	PASS
Band2	5	19175	1	#Mid	16QAM	22.76	PASS
Band2	5	19175	1	#Max	16QAM	22.77	PASS
Band2	5	19175	12	#0	16QAM	21.85	PASS
Band2	5	19175	12	#Mid	16QAM	21.83	PASS
Band2	5	19175	12	#Max	16QAM	21.74	PASS
Band2	5	19175	25	#0	16QAM	21.76	PASS
Band2	10	18650	1	#0	QPSK	23.41	PASS



Band2	10	18650	1	#Mid	QPSK	23.39	PASS
Band2	10	18650	1	#Max	QPSK	23.50	PASS
Band2	10	18650	25	#0	QPSK	22.38	PASS
Band2	10	18650	25	#Mid	QPSK	22.45	PASS
Band2	10	18650	25	#Max	QPSK	22.44	PASS
Band2	10	18650	50	#0	QPSK	22.48	PASS
Band2	10	18650	1	#0	16QAM	23.58	PASS
Band2	10	18650	1	#Mid	16QAM	23.51	PASS
Band2	10	18650	1	#Max	16QAM	23.62	PASS
Band2	10	18650	25	#0	16QAM	21.37	PASS
Band2	10	18650	25	#Mid	16QAM	21.46	PASS
Band2	10	18650	25	#Max	16QAM	21.49	PASS
Band2	10	18650	50	#0	16QAM	21.48	PASS
Band2	10	18900	1	#0	QPSK	23.69	PASS
Band2	10	18900	1	#Mid	QPSK	23.69	PASS
Band2	10	18900	1	#Max	QPSK	23.77	PASS
Band2	10	18900	25	#0	QPSK	22.65	PASS
Band2	10	18900	25	#Mid	QPSK	22.53	PASS
Band2	10	18900	25	#Max	QPSK	22.58	PASS
Band2	10	18900	50	#0	QPSK	22.65	PASS
Band2	10	18900	1	#0	16QAM	22.75	PASS
Band2	10	18900	1	#Mid	16QAM	22.68	PASS
Band2	10	18900	1	#Max	16QAM	22.59	PASS
Band2	10	18900	25	#0	16QAM	21.78	PASS
Band2	10	18900	25	#Mid	16QAM	21.74	PASS
Band2	10	18900	25	#Max	16QAM	21.70	PASS
Band2	10	18900	50	#0	16QAM	21.82	PASS
Band2	10	19150	1	#0	QPSK	23.68	PASS
Band2	10	19150	1	#Mid	QPSK	23.75	PASS
Band2	10	19150	1	#Max	QPSK	23.90	PASS
Band2	10	19150	25	#0	QPSK	22.75	PASS
Band2	10	19150	25	#Mid	QPSK	22.81	PASS
Band2	10	19150	25	#Max	QPSK	22.81	PASS
Band2	10	19150	50	#0	QPSK	22.76	PASS
Band2	10	19150	1	#0	16QAM	22.57	PASS
Band2	10	19150	1	#Mid	16QAM	22.60	PASS
Band2	10	19150	1	#Max	16QAM	22.86	PASS
Band2	10	19150	25	#0	16QAM	22.12	PASS
Band2	10	19150	25	#Mid	16QAM	21.82	PASS
Band2	10	19150	25	#Max	16QAM	21.84	PASS
Band2	10	19150	50	#0	16QAM	21.75	PASS
Band2	15	18675	1	#0	QPSK	23.40	PASS
Band2	15	18675	1	#Mid	QPSK	23.44	PASS
Band2	15	18675	1	#Max	QPSK	23.52	PASS



Band2	15	18675	36	#0	QPSK	22.39	PASS
Band2	15	18675	36	#Mid	QPSK	22.52	PASS
Band2	15	18675	36	#Max	QPSK	22.54	PASS
Band2	15	18675	75	#0	QPSK	22.47	PASS
Band2	15	18675	1	#0	16QAM	23.62	PASS
Band2	15	18675	1	#Mid	16QAM	23.54	PASS
Band2	15	18675	1	#Max	16QAM	23.69	PASS
Band2	15	18675	36	#0	16QAM	21.47	PASS
Band2	15	18675	36	#Mid	16QAM	21.51	PASS
Band2	15	18675	36	#Max	16QAM	21.64	PASS
Band2	15	18675	75	#0	16QAM	21.60	PASS
Band2	15	18900	1	#0	QPSK	23.60	PASS
Band2	15	18900	1	#Mid	QPSK	23.69	PASS
Band2	15	18900	1	#Max	QPSK	23.61	PASS
Band2	15	18900	36	#0	QPSK	22.63	PASS
Band2	15	18900	36	#Mid	QPSK	22.54	PASS
Band2	15	18900	36	#Max	QPSK	22.52	PASS
Band2	15	18900	75	#0	QPSK	22.67	PASS
Band2	15	18900	1	#0	16QAM	22.69	PASS
Band2	15	18900	1	#Mid	16QAM	22.64	PASS
Band2	15	18900	1	#Max	16QAM	22.58	PASS
Band2	15	18900	36	#0	16QAM	21.85	PASS
Band2	15	18900	36	#Mid	16QAM	21.77	PASS
Band2	15	18900	36	#Max	16QAM	21.65	PASS
Band2	15	18900	75	#0	16QAM	21.62	PASS
Band2	15	19125	1	#0	QPSK	23.60	PASS
Band2	15	19125	1	#Mid	QPSK	23.71	PASS
Band2	15	19125	1	#Max	QPSK	23.81	PASS
Band2	15	19125	36	#0	QPSK	22.62	PASS
Band2	15	19125	36	#Mid	QPSK	22.64	PASS
Band2	15	19125	36	#Max	QPSK	22.68	PASS
Band2	15	19125	75	#0	QPSK	22.73	PASS
Band2	15	19125	1	#0	16QAM	23.24	PASS
Band2	15	19125	1	#Mid	16QAM	23.40	PASS
Band2	15	19125	1	#Max	16QAM	23.49	PASS
Band2	15	19125	36	#0	16QAM	21.65	PASS
Band2	15	19125	36	#Mid	16QAM	22.10	PASS
Band2	15	19125	36	#Max	16QAM	21.77	PASS
Band2	15	19125	75	#0	16QAM	22.21	PASS
Band2	20	18700	1	#0	QPSK	23.43	PASS
Band2	20	18700	1	#Mid	QPSK	23.58	PASS
Band2	20	18700	1	#Max	QPSK	23.77	PASS
Band2	20	18700	50	#0	QPSK	22.51	PASS
Band2	20	18700	50	#Mid	QPSK	22.53	PASS



Band2	20	18700	50	#Max	QPSK	22.73	PASS
Band2	20	18700	100	#0	QPSK	22.49	PASS
Band2	20	18700	1	#0	16QAM	22.14	PASS
Band2	20	18700	1	#Mid	16QAM	22.26	PASS
Band2	20	18700	1	#Max	16QAM	22.39	PASS
Band2	20	18700	50	#0	16QAM	21.58	PASS
Band2	20	18700	50	#Mid	16QAM	21.67	PASS
Band2	20	18700	50	#Max	16QAM	21.81	PASS
Band2	20	18700	100	#0	16QAM	21.56	PASS
Band2	20	18900	1	#0	QPSK	23.69	PASS
Band2	20	18900	1	#Mid	QPSK	23.73	PASS
Band2	20	18900	1	#Max	QPSK	23.78	PASS
Band2	20	18900	50	#0	QPSK	22.69	PASS
Band2	20	18900	50	#Mid	QPSK	22.55	PASS
Band2	20	18900	50	#Max	QPSK	22.55	PASS
Band2	20	18900	100	#0	QPSK	22.74	PASS
Band2	20	18900	1	#0	16QAM	22.51	PASS
Band2	20	18900	1	#Mid	16QAM	22.39	PASS
Band2	20	18900	1	#Max	16QAM	22.36	PASS
Band2	20	18900	50	#0	16QAM	21.69	PASS
Band2	20	18900	50	#Mid	16QAM	21.69	PASS
Band2	20	18900	50	#Max	16QAM	21.70	PASS
Band2	20	18900	100	#0	16QAM	21.75	PASS
Band2	20	19100	1	#0	QPSK	23.73	PASS
Band2	20	19100	1	#Mid	QPSK	23.83	PASS
Band2	20	19100	1	#Max	QPSK	24.03	PASS
Band2	20	19100	50	#0	QPSK	22.59	PASS
Band2	20	19100	50	#Mid	QPSK	22.71	PASS
Band2	20	19100	50	#Max	QPSK	22.75	PASS
Band2	20	19100	100	#0	QPSK	22.77	PASS
Band2	20	19100	1	#0	16QAM	22.47	PASS
Band2	20	19100	1	#Mid	16QAM	22.62	PASS
Band2	20	19100	1	#Max	16QAM	22.76	PASS
Band2	20	19100	50	#0	16QAM	21.68	PASS
Band2	20	19100	50	#Mid	16QAM	21.71	PASS
Band2	20	19100	50	#Max	16QAM	21.81	PASS
Band2	20	19100	100	#0	16QAM	21.74	PASS

Appendix 2. Frequency stability

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Voltage (Vdc)	Temperature (C)	Result (Hz)	Result (ppm)	Low Limit (ppm)	High Limit (ppm)	Verdict
Band 2	1.4	18607	6	#0	QPSK	LV	NT	9.87	0.005	-2.5	2.5	PASS
Band 2	1.4	18607	6	#0	QPSK	NV	NT	11.37	0.006	-2.5	2.5	PASS
Band 2	1.4	18607	6	#0	QPSK	HV	NT	8.20	0.004	-2.5	2.5	PASS
Band 2	1.4	18607	6	#0	16QAM	LV	NT	2.79	0.002	-2.5	2.5	PASS
Band 2	1.4	18607	6	#0	16QAM	NV	NT	-2.19	-0.001	-2.5	2.5	PASS
Band 2	1.4	18607	6	#0	16QAM	HV	NT	-5.44	-0.003	-2.5	2.5	PASS
Band 2	1.4	18900	6	#0	QPSK	LV	NT	-3.03	-0.002	-2.5	2.5	PASS
Band 2	1.4	18900	6	#0	QPSK	NV	NT	-4.66	-0.002	-2.5	2.5	PASS
Band 2	1.4	18900	6	#0	QPSK	HV	NT	-6.57	-0.003	-2.5	2.5	PASS
Band 2	1.4	18900	6	#0	16QAM	LV	NT	-4.28	-0.002	-2.5	2.5	PASS
Band 2	1.4	18900	6	#0	16QAM	NV	NT	-9.81	-0.005	-2.5	2.5	PASS
Band 2	1.4	18900	6	#0	16QAM	HV	NT	-7.47	-0.004	-2.5	2.5	PASS
Band 2	1.4	19193	6	#0	QPSK	LV	NT	3.12	0.002	-2.5	2.5	PASS
Band 2	1.4	19193	6	#0	QPSK	NV	NT	2.09	0.001	-2.5	2.5	PASS
Band 2	1.4	19193	6	#0	QPSK	HV	NT	0.16	0.000	-2.5	2.5	PASS
Band 2	1.4	19193	6	#0	16QAM	LV	NT	-4.02	-0.002	-2.5	2.5	PASS
Band 2	1.4	19193	6	#0	16QAM	NV	NT	-6.48	-0.003	-2.5	2.5	PASS
Band 2	1.4	19193	6	#0	16QAM	HV	NT	-8.44	-0.004	-2.5	2.5	PASS
Band	3	18615	15	#0	QPSK	LV	NT	-25.0	-0.01	-2.5	2.5	PASS



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Band 2	3	18615	15	#0	QPSK	NV	NT	-22.37	-0.012	-2.5	2.5	PASS
Band 2	3	18615	15	#0	QPSK	HV	NT	-25.98	-0.014	-2.5	2.5	PASS
Band 2	3	18615	15	#0	16QAM	LV	NT	-30.70	-0.017	-2.5	2.5	PASS
Band 2	3	18615	15	#0	16QAM	NV	NT	-35.41	-0.019	-2.5	2.5	PASS
Band 2	3	18615	15	#0	16QAM	HV	NT	-39.91	-0.022	-2.5	2.5	PASS
Band 2	3	18900	15	#0	QPSK	LV	NT	30.96	0.016	-2.5	2.5	PASS
Band 2	3	18900	15	#0	QPSK	NV	NT	36.95	0.020	-2.5	2.5	PASS
Band 2	3	18900	15	#0	QPSK	HV	NT	38.58	0.021	-2.5	2.5	PASS
Band 2	3	18900	15	#0	16QAM	LV	NT	35.35	0.019	-2.5	2.5	PASS
Band 2	3	18900	15	#0	16QAM	NV	NT	25.26	0.013	-2.5	2.5	PASS
Band 2	3	18900	15	#0	16QAM	HV	NT	26.84	0.014	-2.5	2.5	PASS
Band 2	3	19185	15	#0	QPSK	LV	NT	2.29	0.001	-2.5	2.5	PASS
Band 2	3	19185	15	#0	QPSK	NV	NT	0.57	0.000	-2.5	2.5	PASS
Band 2	3	19185	15	#0	QPSK	HV	NT	-1.991	-0.001	-2.5	2.5	PASS
Band 2	3	19185	15	#0	16QAM	LV	NT	-3.732	-0.002	-2.5	2.5	PASS
Band 2	3	19185	15	#0	16QAM	NV	NT	-4.762	-0.002	-2.5	2.5	PASS
Band 2	3	19185	15	#0	16QAM	HV	NT	-5.563	-0.003	-2.5	2.5	PASS
Band 2	5	18625	25	#0	QPSK	LV	NT	-16.42	-0.009	-2.5	2.5	PASS
Band 2	5	18625	25	#0	QPSK	NV	NT	-14.82	-0.008	-2.5	2.5	PASS
Band 2	5	18625	25	#0	QPSK	HV	NT	-17.75	-0.010	-2.5	2.5	PASS
Band 2	5	18625	25	#0	16QAM	LV	NT	-23.56	-0.013	-2.5	2.5	PASS
Band 2	5	18625	25	#0	16QAM	NV	NT	-28.5	-0.01	-2.5	2.5	PASS



2								5	5			
Band 2	5	18625	25	#0	16QAM	HV	NT	-31.71	-0.017	-2.5	2.5	PASS
Band 2	5	18900	25	#0	QPSK	LV	NT	0.09	0.000	-2.5	2.5	PASS
Band 2	5	18900	25	#0	QPSK	NV	NT	3.39	0.002	-2.5	2.5	PASS
Band 2	5	18900	25	#0	QPSK	HV	NT	3.19	0.002	-2.5	2.5	PASS
Band 2	5	18900	25	#0	16QAM	LV	NT	4.89	0.003	-2.5	2.5	PASS
Band 2	5	18900	25	#0	16QAM	NV	NT	5.68	0.003	-2.5	2.5	PASS
Band 2	5	18900	25	#0	16QAM	HV	NT	8.53	0.005	-2.5	2.5	PASS
Band 2	5	19175	25	#0	QPSK	LV	NT	-28.72	-0.015	-2.5	2.5	PASS
Band 2	5	19175	25	#0	QPSK	NV	NT	21.36	0.011	-2.5	2.5	PASS
Band 2	5	19175	25	#0	QPSK	HV	NT	24.46	0.013	-2.5	2.5	PASS
Band 2	5	19175	25	#0	16QAM	LV	NT	25.08	0.013	-2.5	2.5	PASS
Band 2	5	19175	25	#0	16QAM	NV	NT	25.69	0.013	-2.5	2.5	PASS
Band 2	5	19175	25	#0	16QAM	HV	NT	24.68	0.013	-2.5	2.5	PASS
Band 2	10	18650	50	#0	QPSK	LV	NT	-9.965	-0.005	-2.5	2.5	PASS
Band 2	10	18650	50	#0	QPSK	NV	NT	-7.174	-0.004	-2.5	2.5	PASS
Band 2	10	18650	50	#0	QPSK	HV	NT	-12.73	-0.007	-2.5	2.5	PASS
Band 2	10	18650	50	#0	16QAM	LV	NT	-23.59	-0.013	-2.5	2.5	PASS
Band 2	10	18650	50	#0	16QAM	NV	NT	-27.27	-0.015	-2.5	2.5	PASS
Band 2	10	18650	50	#0	16QAM	HV	NT	-32.99	-0.018	-2.5	2.5	PASS
Band 2	10	18900	50	#0	QPSK	LV	NT	15.92	0.008	-2.5	2.5	PASS
Band 2	10	18900	50	#0	QPSK	NV	NT	14.81	0.008	-2.5	2.5	PASS
Band 2	10	18900	50	#0	QPSK	HV	NT	14.43	0.008	-2.5	2.5	PASS

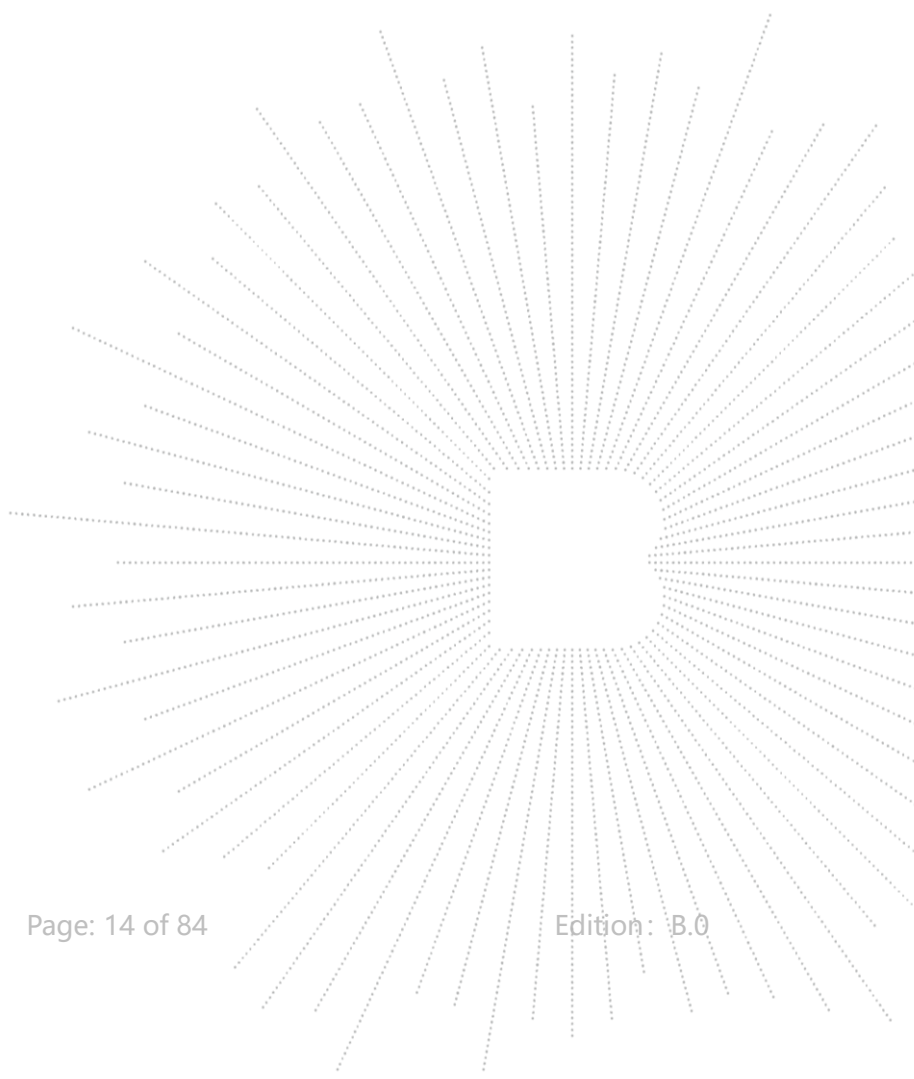


2												
Band 2	10	18900	50	#0	16QAM	LV	NT	17.35	0.009	-2.5	2.5	PASS
Band 2	10	18900	50	#0	16QAM	NV	NT	17.54	0.009	-2.5	2.5	PASS
Band 2	10	18900	50	#0	16QAM	HV	NT	18.45	0.010	-2.5	2.5	PASS
Band 2	10	19150	50	#0	QPSK	LV	NT	8.80	0.005	-2.5	2.5	PASS
Band 2	10	19150	50	#0	QPSK	NV	NT	7.61	0.004	-2.5	2.5	PASS
Band 2	10	19150	50	#0	QPSK	HV	NT	4.76	0.002	-2.5	2.5	PASS
Band 2	10	19150	50	#0	16QAM	LV	NT	5.78	0.003	-2.5	2.5	PASS
Band 2	10	19150	50	#0	16QAM	NV	NT	-20.1 3	-0.011	-2.5	2.5	PASS
Band 2	10	19150	50	#0	16QAM	HV	NT	-3.26	-0.00 2	-2.5	2.5	PASS
Band 2	15	18675	75	#0	QPSK	LV	NT	-5.01	-0.00 3	-2.5	2.5	PASS
Band 2	15	18675	75	#0	QPSK	NV	NT	-7.02	-0.00 4	-2.5	2.5	PASS
Band 2	15	18675	75	#0	QPSK	HV	NT	-15.0 1	-0.00 8	-2.5	2.5	PASS
Band 2	15	18675	75	#0	16QAM	LV	NT	-21.3 3	-0.011	-2.5	2.5	PASS
Band 2	15	18675	75	#0	16QAM	NV	NT	-26.1 8	-0.01 4	-2.5	2.5	PASS
Band 2	15	18675	75	#0	16QAM	HV	NT	-26.8 8	-0.01 4	-2.5	2.5	PASS
Band 2	15	18900	75	#0	QPSK	LV	NT	13.40	0.007	-2.5	2.5	PASS
Band 2	15	18900	75	#0	QPSK	NV	NT	9.87	0.005	-2.5	2.5	PASS
Band 2	15	18900	75	#0	QPSK	HV	NT	-4.62	-0.00 2	-2.5	2.5	PASS
Band 2	15	18900	75	#0	16QAM	LV	NT	28.72	0.015	-2.5	2.5	PASS
Band 2	15	18900	75	#0	16QAM	NV	NT	32.46	0.017	-2.5	2.5	PASS
Band 2	15	18900	75	#0	16QAM	HV	NT	35.38	0.019	-2.5	2.5	PASS
Band	15	19125	75	#0	QPSK	LV	NT	3.39	0.002	-2.5	2.5	PASS



2												
Band 2	15	19125	75	#0	QPSK	NV	NT	1.85	0.001	-2.5	2.5	PASS
Band 2	15	19125	75	#0	QPSK	HV	NT	-2.13	-0.001	-2.5	2.5	PASS
Band 2	15	19125	75	#0	16QAM	LV	NT	-5.56	-0.003	-2.5	2.5	PASS
Band 2	15	19125	75	#0	16QAM	NV	NT	-6.82	-0.004	-2.5	2.5	PASS
Band 2	15	19125	75	#0	16QAM	HV	NT	-13.13	-0.007	-2.5	2.5	PASS
Band 2	20	18700	100	#0	QPSK	LV	NT	-3.91	-0.002	-2.5	2.5	PASS
Band 2	20	18700	100	#0	QPSK	NV	NT	-4.05	-0.002	-2.5	2.5	PASS
Band 2	20	18700	100	#0	QPSK	HV	NT	-9.33	-0.005	-2.5	2.5	PASS
Band 2	20	18700	100	#0	16QAM	LV	NT	-13.28	-0.007	-2.5	2.5	PASS
Band 2	20	18700	100	#0	16QAM	NV	NT	-17.87	-0.010	-2.5	2.5	PASS
Band 2	20	18700	100	#0	16QAM	HV	NT	21.76	0.012	-2.5	2.5	PASS
Band 2	20	18900	100	#0	QPSK	LV	NT	7.14	0.004	-2.5	2.5	PASS
Band 2	20	18900	100	#0	QPSK	NV	NT	9.06	0.005	-2.5	2.5	PASS
Band 2	20	18900	100	#0	QPSK	HV	NT	6.85	0.004	-2.5	2.5	PASS
Band 2	20	18900	100	#0	16QAM	LV	NT	5.09	0.003	-2.5	2.5	PASS
Band 2	20	18900	100	#0	16QAM	NV	NT	1.43	0.001	-2.5	2.5	PASS
Band 2	20	18900	100	#0	16QAM	HV	NT	-15.58	-0.008	-2.5	2.5	PASS
Band 2	20	19100	100	#0	QPSK	LV	NT	17.62	0.009	-2.5	2.5	PASS
Band 2	20	19100	100	#0	QPSK	NV	NT	12.10	0.006	-2.5	2.5	PASS
Band 2	20	19100	100	#0	QPSK	HV	NT	7.17	0.004	-2.5	2.5	PASS
Band 2	20	19100	100	#0	16QAM	LV	NT	2.72	0.001	-2.5	2.5	PASS
Band 2	20	19100	100	#0	16QAM	NV	NT	2.26	0.001	-2.5	2.5	PASS

2												
Band	20	19100	100	#0	16QAM	HV	NT	1.93	0.001	-2.5	2.5	PASS
2												

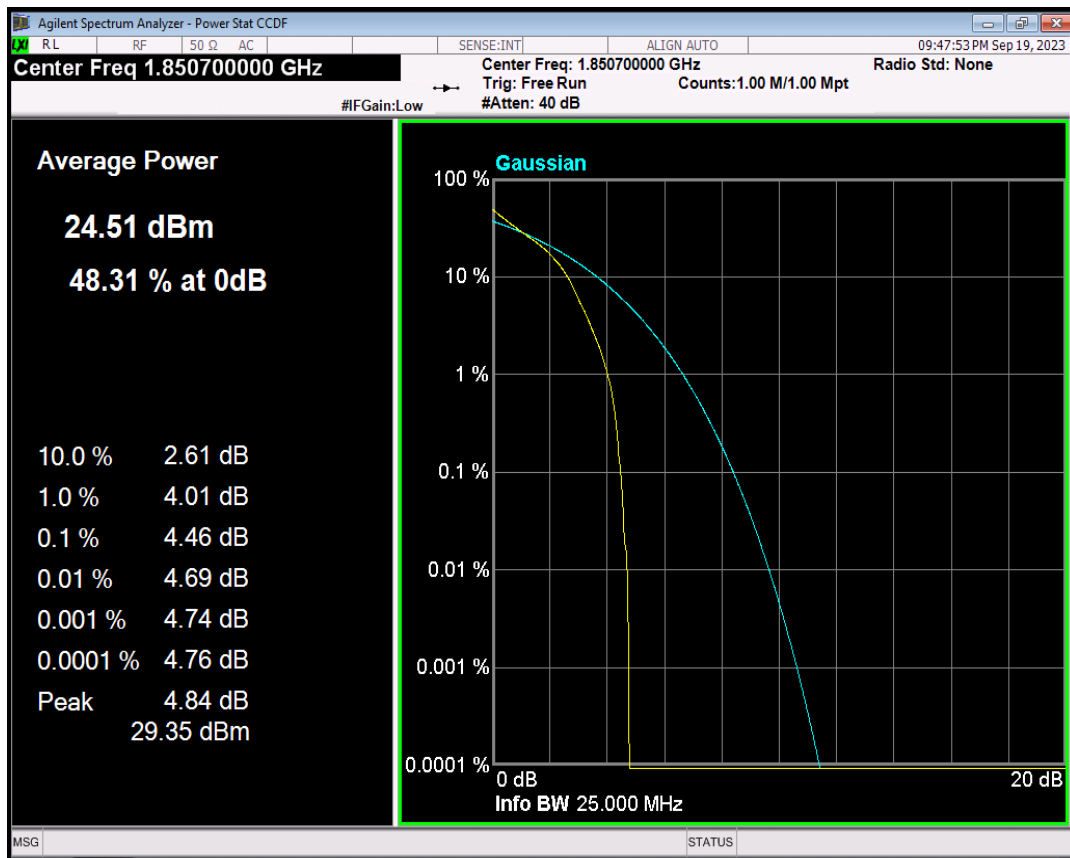


Appendix 3. Peak-to-Average Ratio

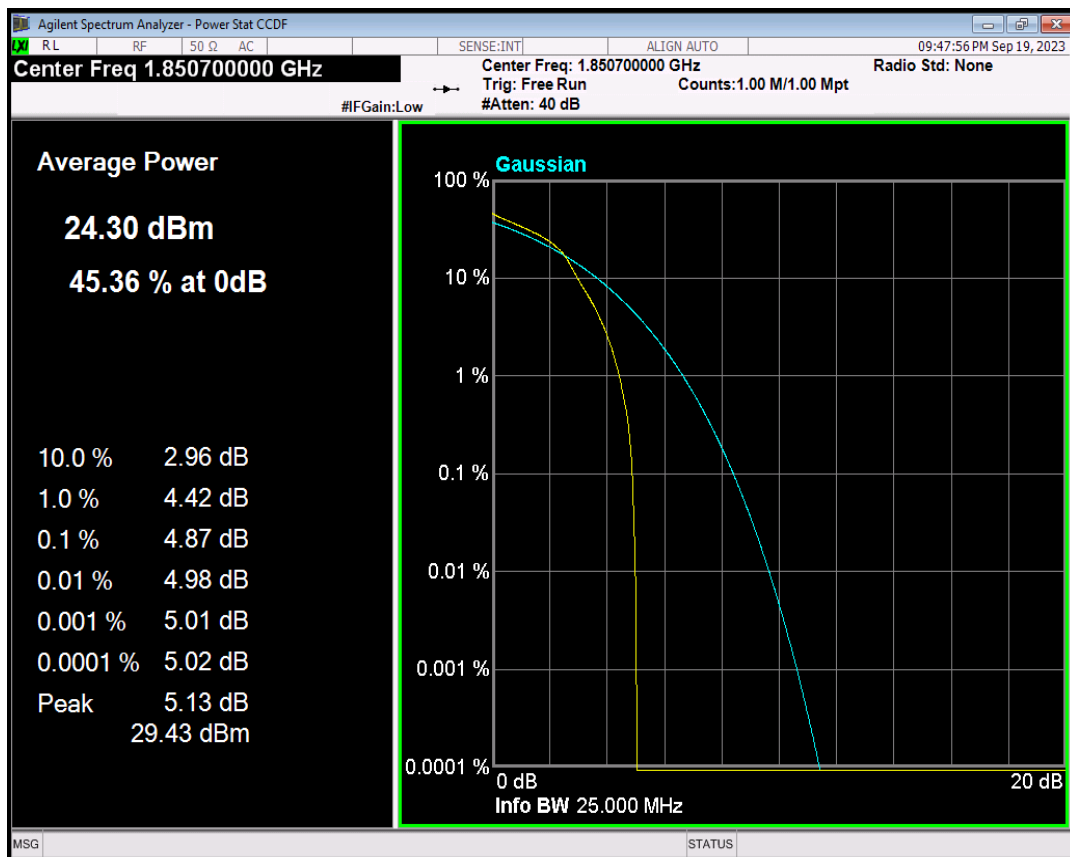
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
Band2	1.4	18607	1	#0	QPSK	4.46	13	PASS
Band2	1.4	18607	1	#0	16QAM	4.87	13	PASS
Band2	1.4	18900	1	#0	QPSK	3.19	13	PASS
Band2	1.4	18900	1	#0	16QAM	3.88	13	PASS
Band2	1.4	19193	1	#0	QPSK	3.13	13	PASS
Band2	1.4	19193	1	#0	16QAM	4.42	13	PASS
Band2	3	18615	1	#0	QPSK	4.44	13	PASS
Band2	3	18615	1	#0	16QAM	5.39	13	PASS
Band2	3	18900	1	#0	QPSK	3.12	13	PASS
Band2	3	18900	1	#0	16QAM	3.79	13	PASS
Band2	3	19185	1	#0	QPSK	3.47	13	PASS
Band2	3	19185	1	#0	16QAM	4.35	13	PASS
Band2	5	18625	1	#0	QPSK	4.54	13	PASS
Band2	5	18625	1	#0	16QAM	5.65	13	PASS
Band2	5	18900	1	#0	QPSK	2.91	13	PASS
Band2	5	18900	1	#0	16QAM	3.84	13	PASS
Band2	5	19175	1	#0	QPSK	3.94	13	PASS
Band2	5	19175	1	#0	16QAM	4.87	13	PASS
Band2	10	18650	1	#0	QPSK	4.47	13	PASS
Band2	10	18650	1	#0	16QAM	5.47	13	PASS
Band2	10	18900	1	#0	QPSK	3.37	13	PASS
Band2	10	18900	1	#0	16QAM	4.38	13	PASS
Band2	10	19150	1	#0	QPSK	3.48	13	PASS
Band2	10	19150	1	#0	16QAM	4.54	13	PASS
Band2	15	18675	1	#0	QPSK	4.44	13	PASS
Band2	15	18675	1	#0	16QAM	5.51	13	PASS
Band2	15	18900	1	#0	QPSK	3.89	13	PASS
Band2	15	18900	1	#0	16QAM	4.88	13	PASS
Band2	15	19125	1	#0	QPSK	2.73	13	PASS
Band2	15	19125	1	#0	16QAM	3.48	13	PASS
Band2	20	18700	1	#0	QPSK	4.32	13	PASS
Band2	20	18700	1	#0	16QAM	5.21	13	PASS
Band2	20	18900	1	#0	QPSK	4.05	13	PASS
Band2	20	18900	1	#0	16QAM	5.16	13	PASS
Band2	20	19100	1	#0	QPSK	3.56	13	PASS
Band2	20	19100	1	#0	16QAM	4.43	13	PASS



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

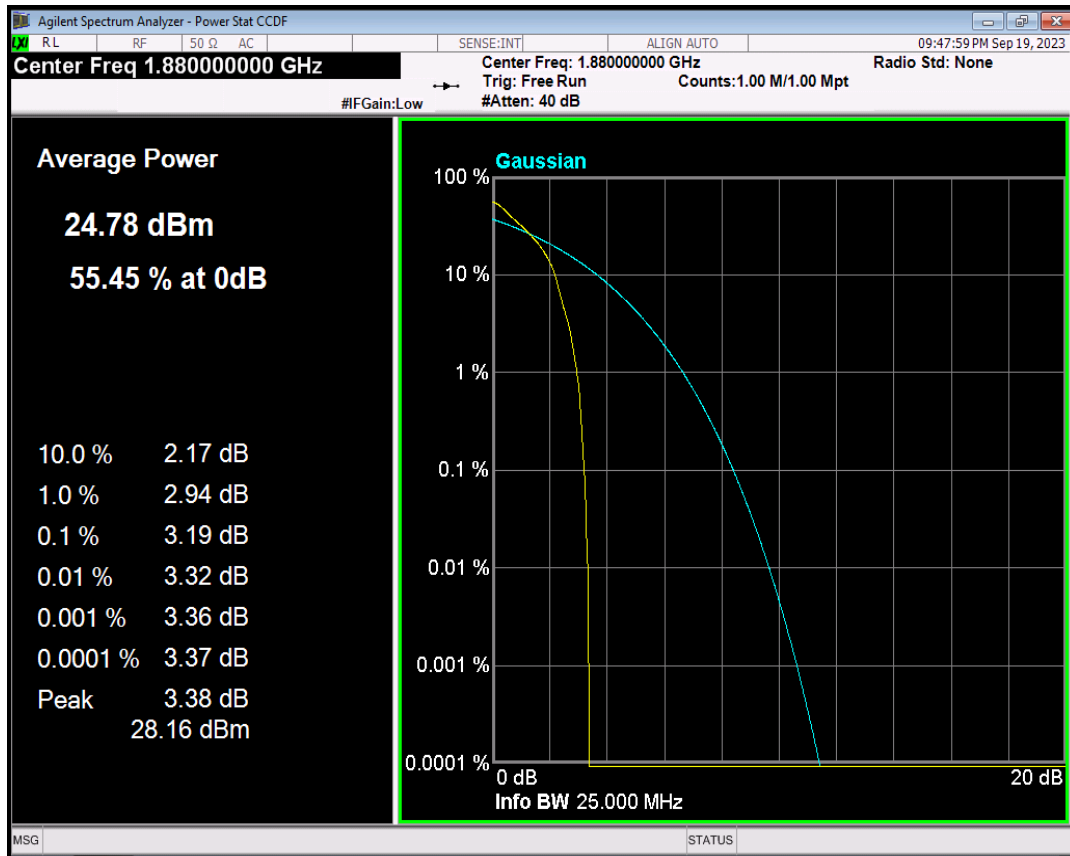


Band2 16QAM BW=1.4MHz Channel=18607 RB Size=1 Position=#0

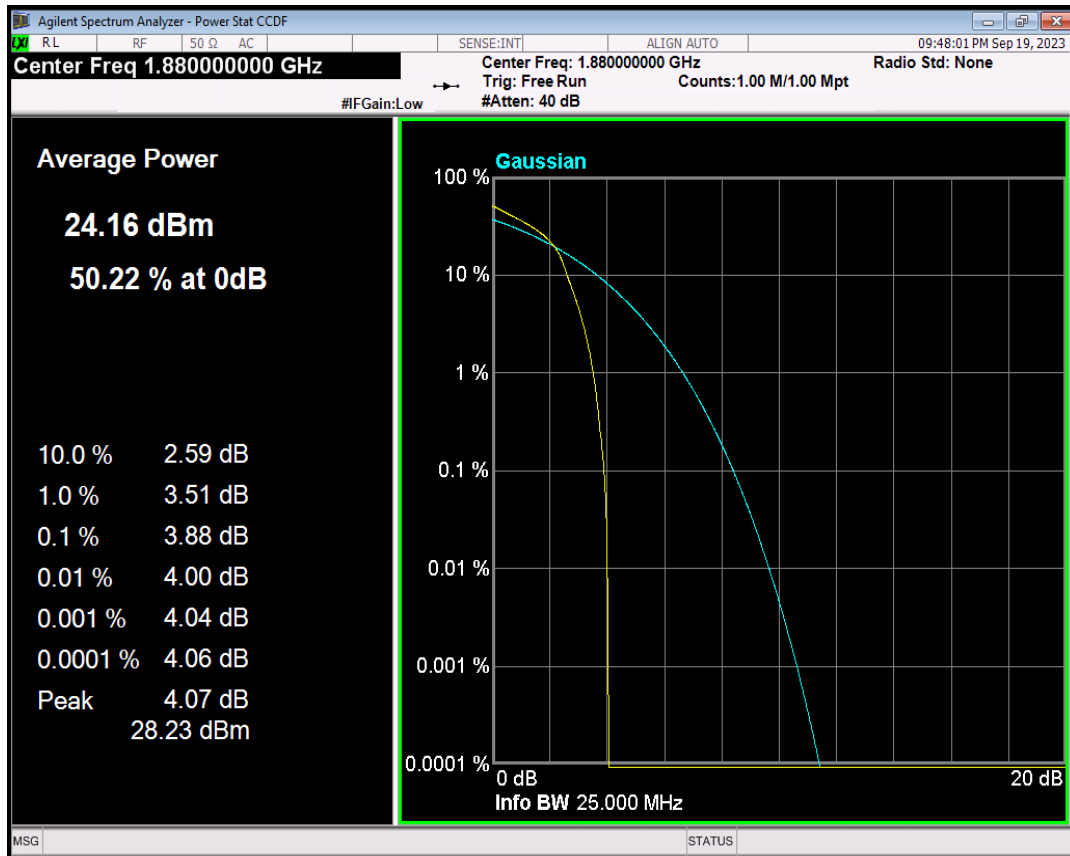




Band2 QPSK BW=1.4MHz Channel=18900 RB Size=1 Position=#0

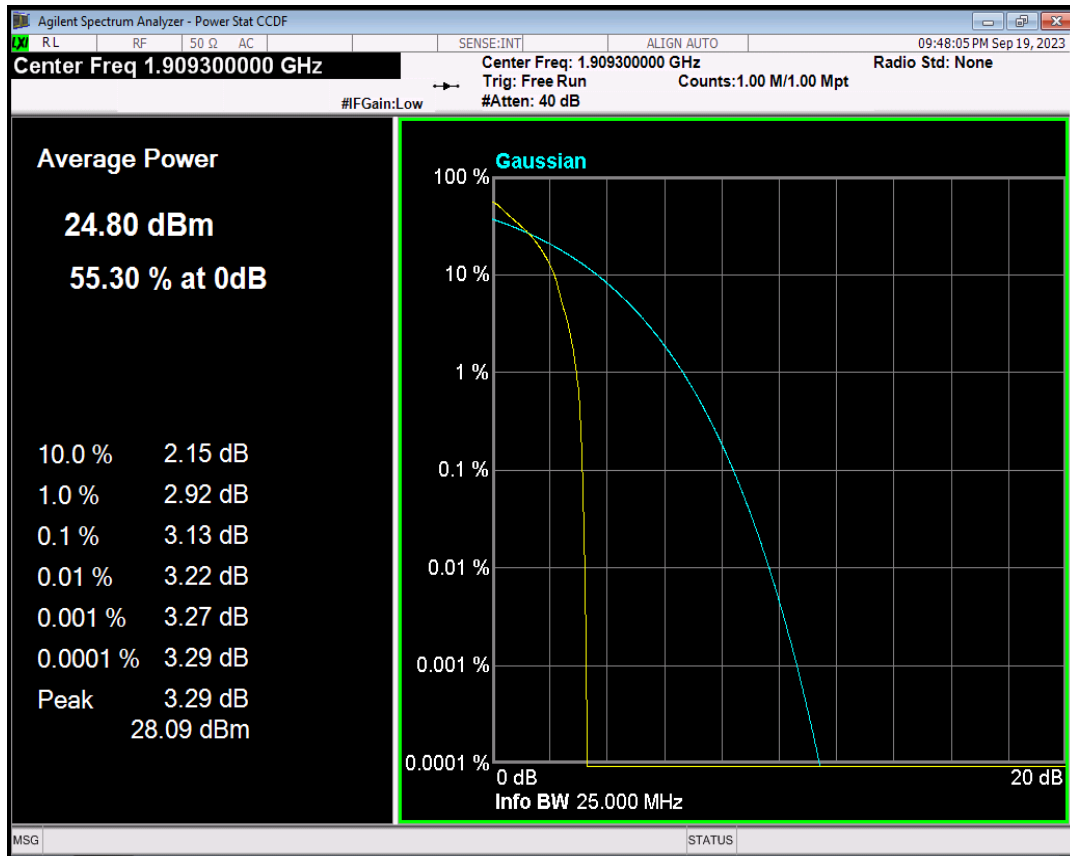


Band2 16QAM BW=1.4MHz Channel=18900 RB Size=1 Position=#0

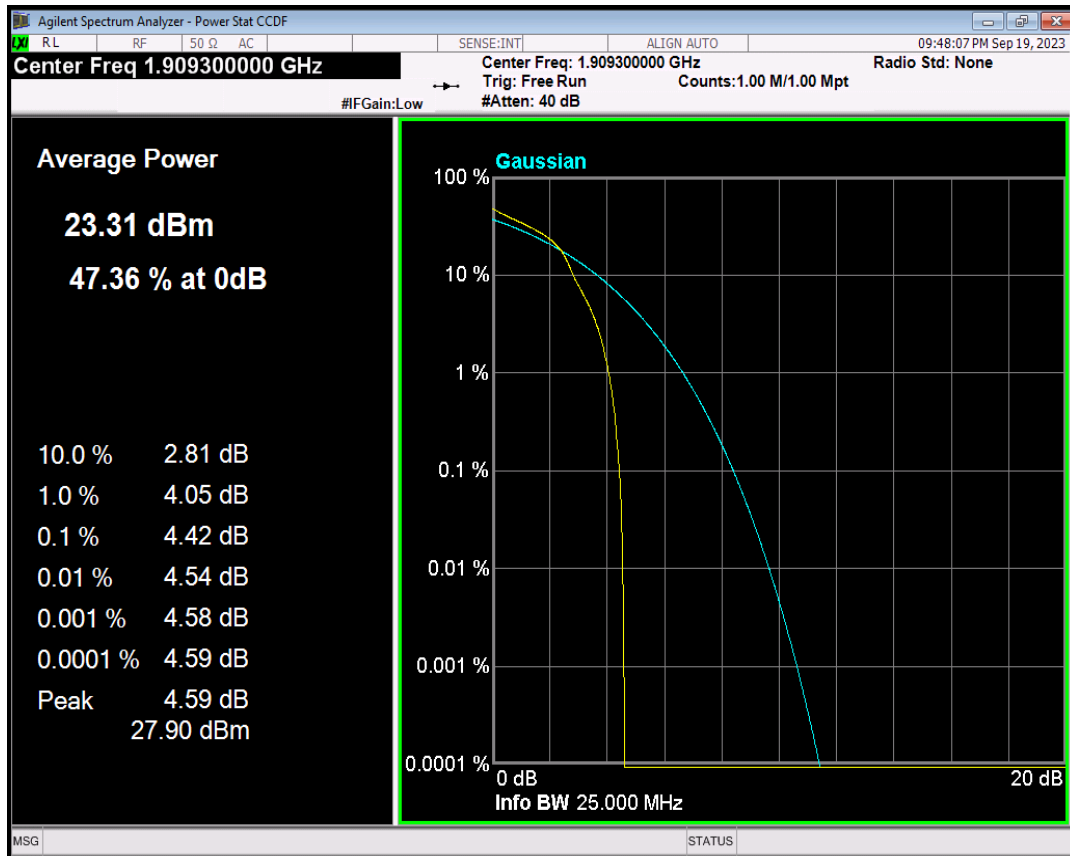




Band2 QPSK BW=1.4MHz Channel=19193 RB Size=1 Position=#0

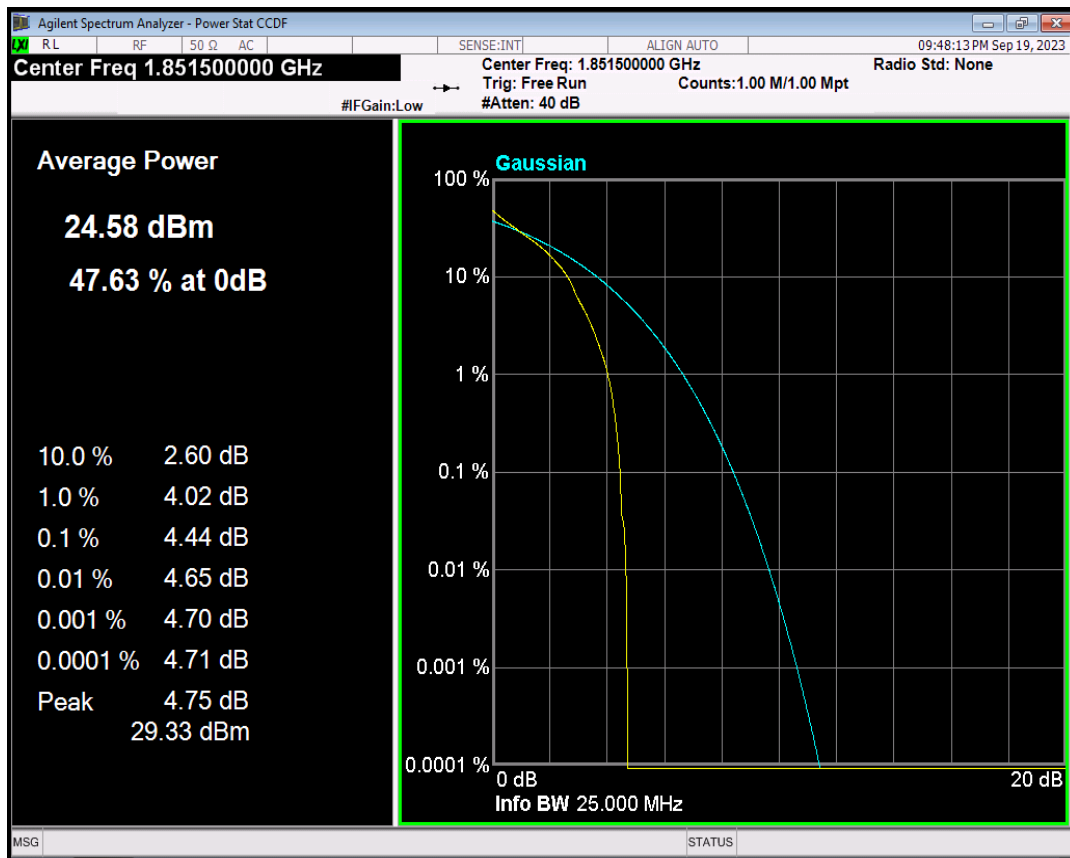


Band2 16QAM BW=1.4MHz Channel=19193 RB Size=1 Position=#0

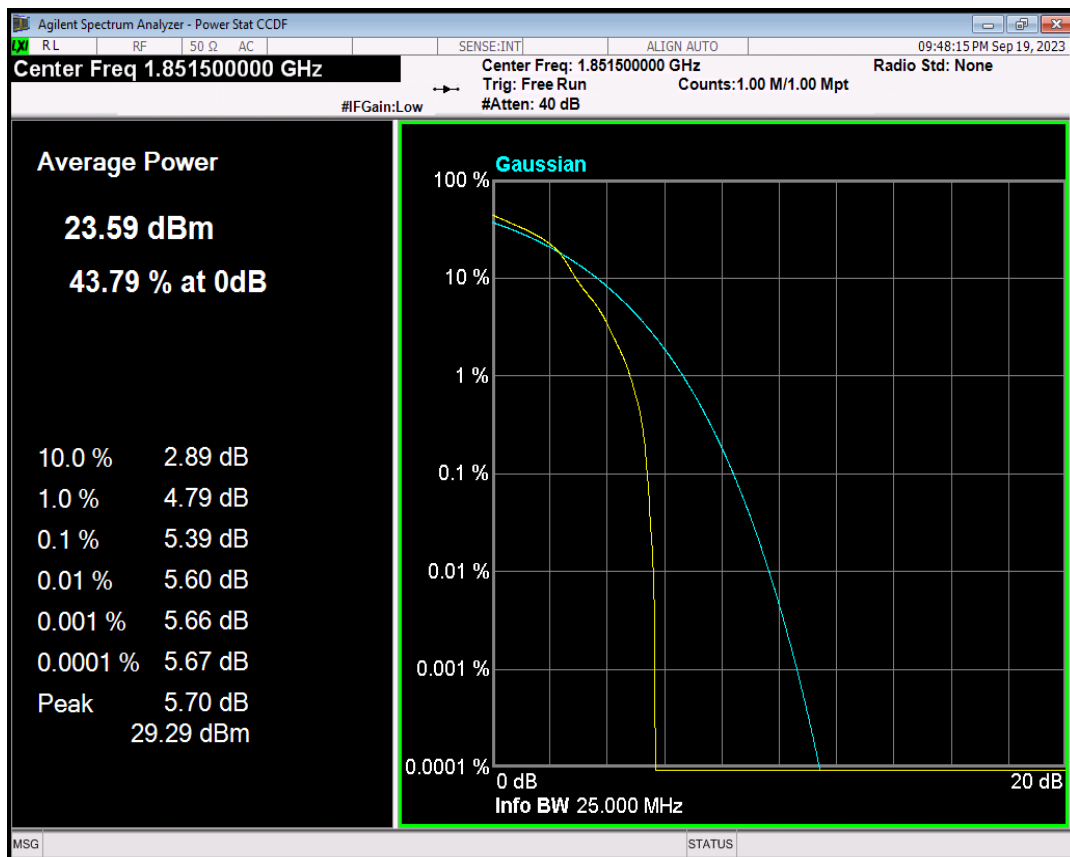




Band2 QPSK BW=3MHz Channel=18615 RB Size=1 Position=#0

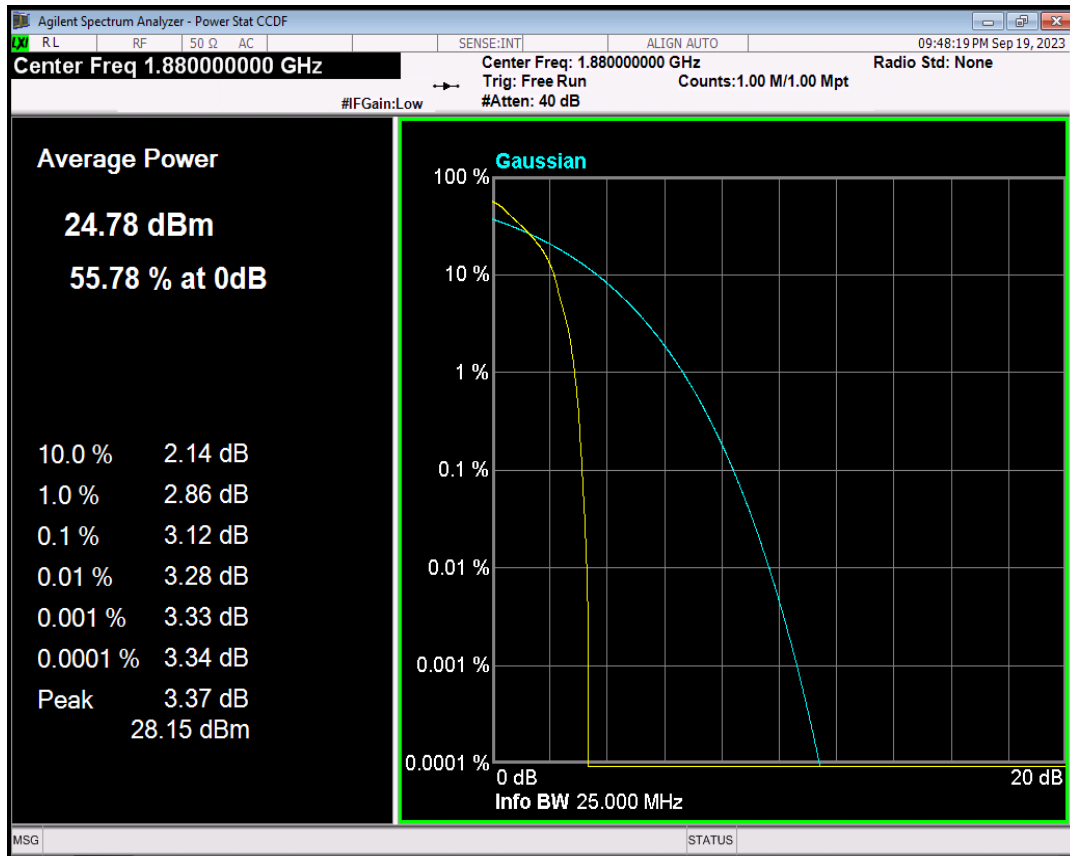


Band2 16QAM BW=3MHz Channel=18615 RB Size=1 Position=#0

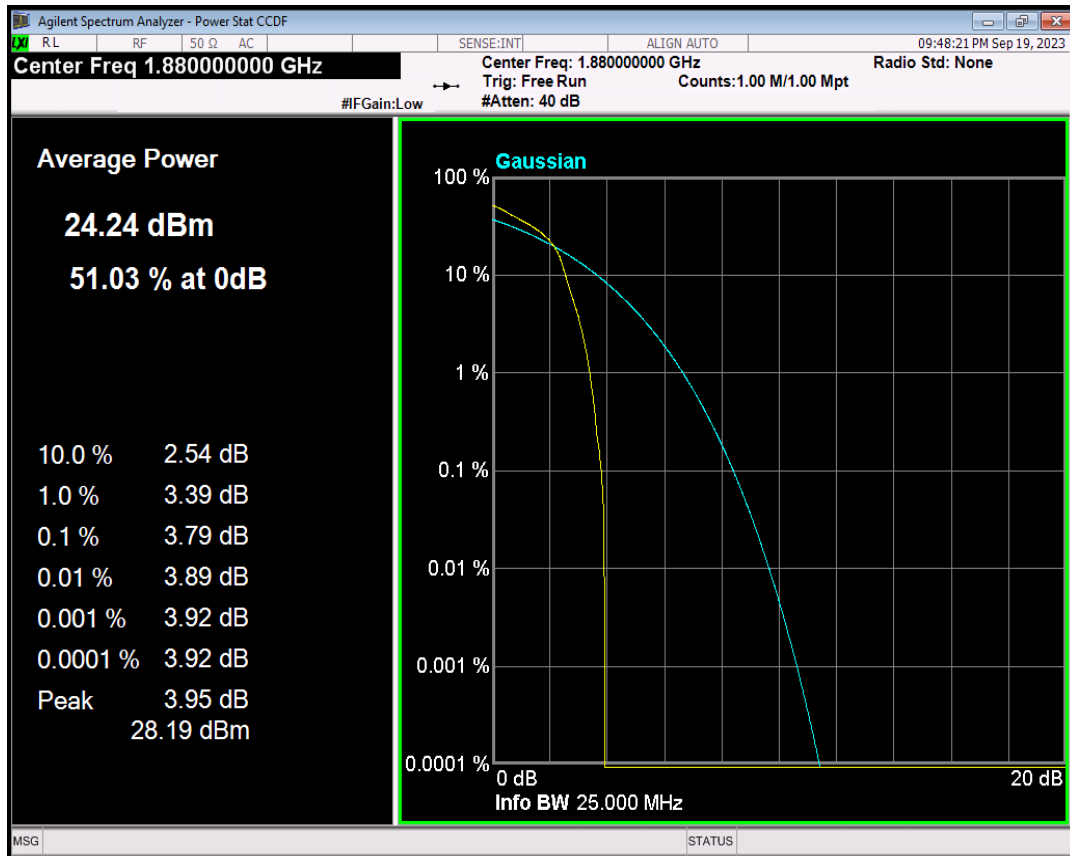




Band2 QPSK BW=3MHz Channel=18900 RB Size=1 Position=#0

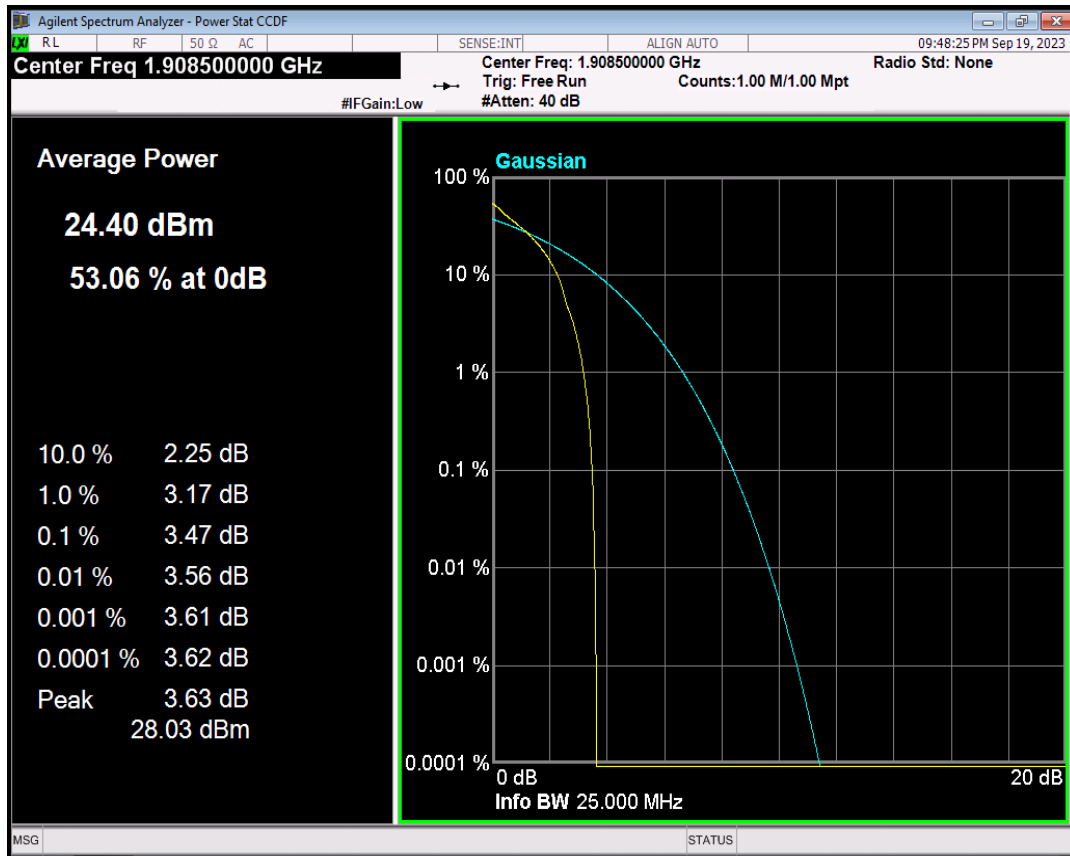


Band2 16QAM BW=3MHz Channel=18900 RB Size=1 Position=#0

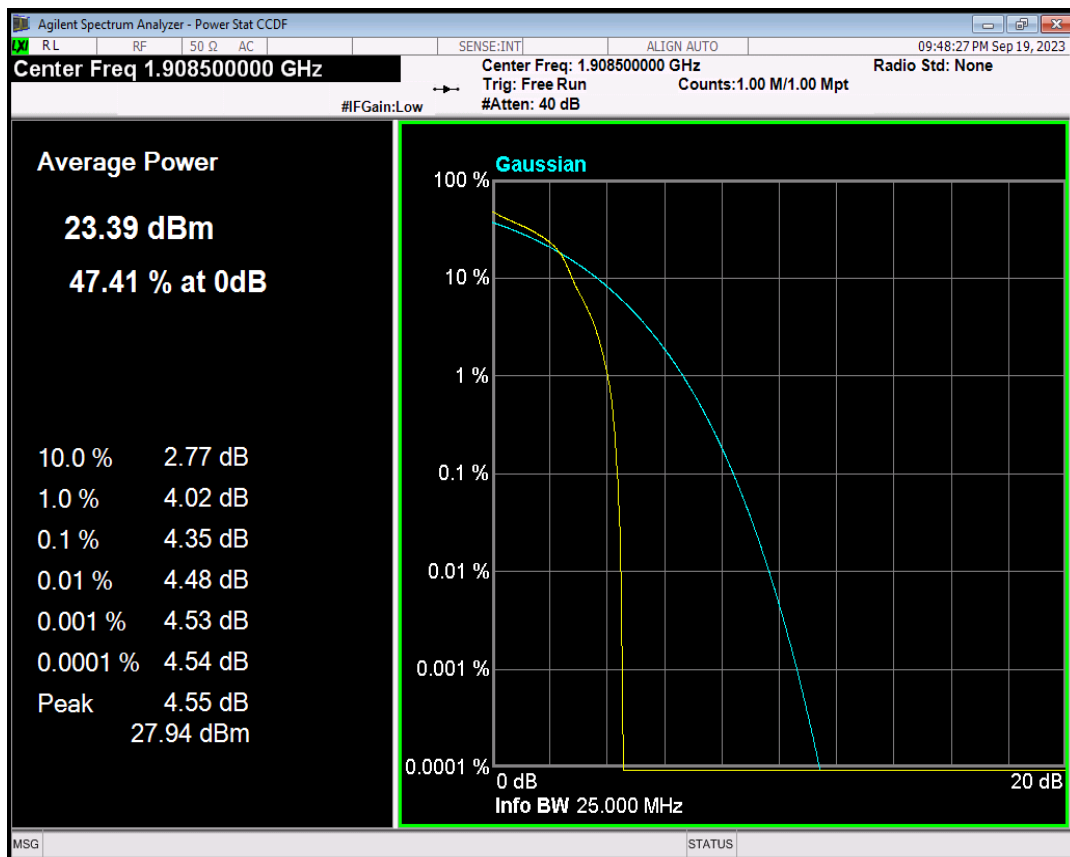




Band2 QPSK BW=3MHz Channel=19185 RB Size=1 Position=#0

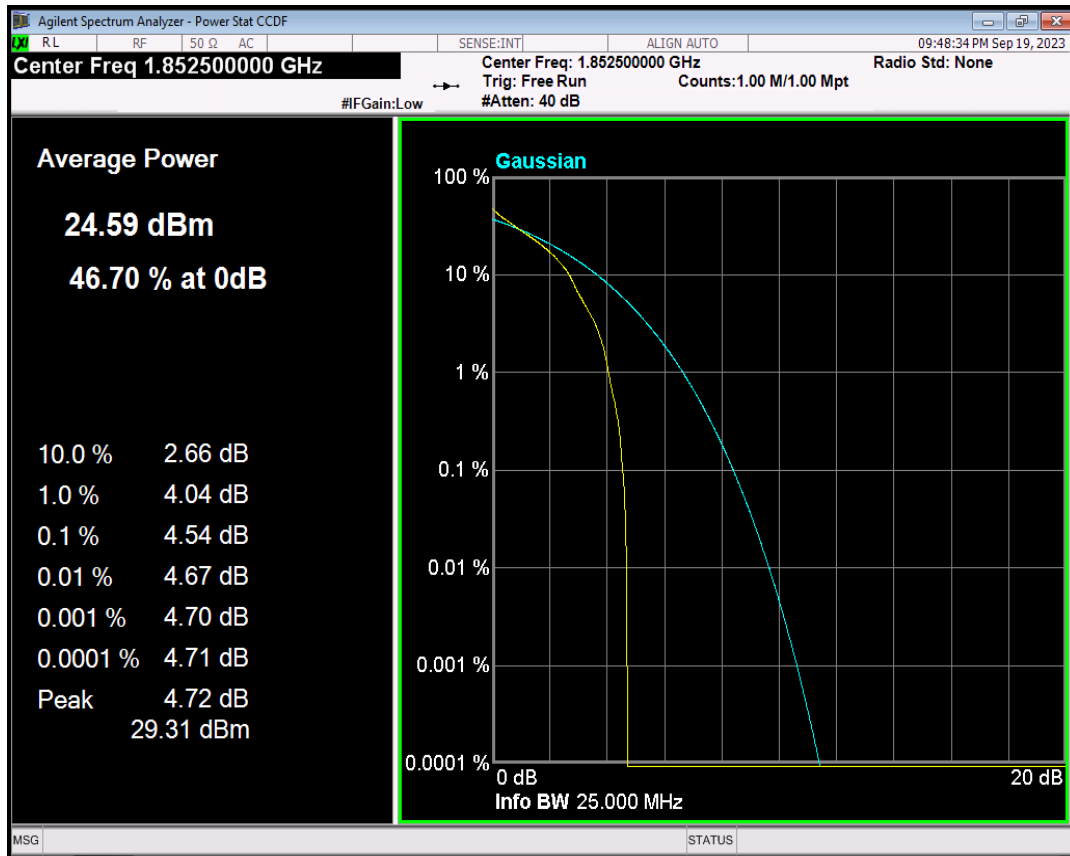


Band2 16QAM BW=3MHz Channel=19185 RB Size=1 Position=#0

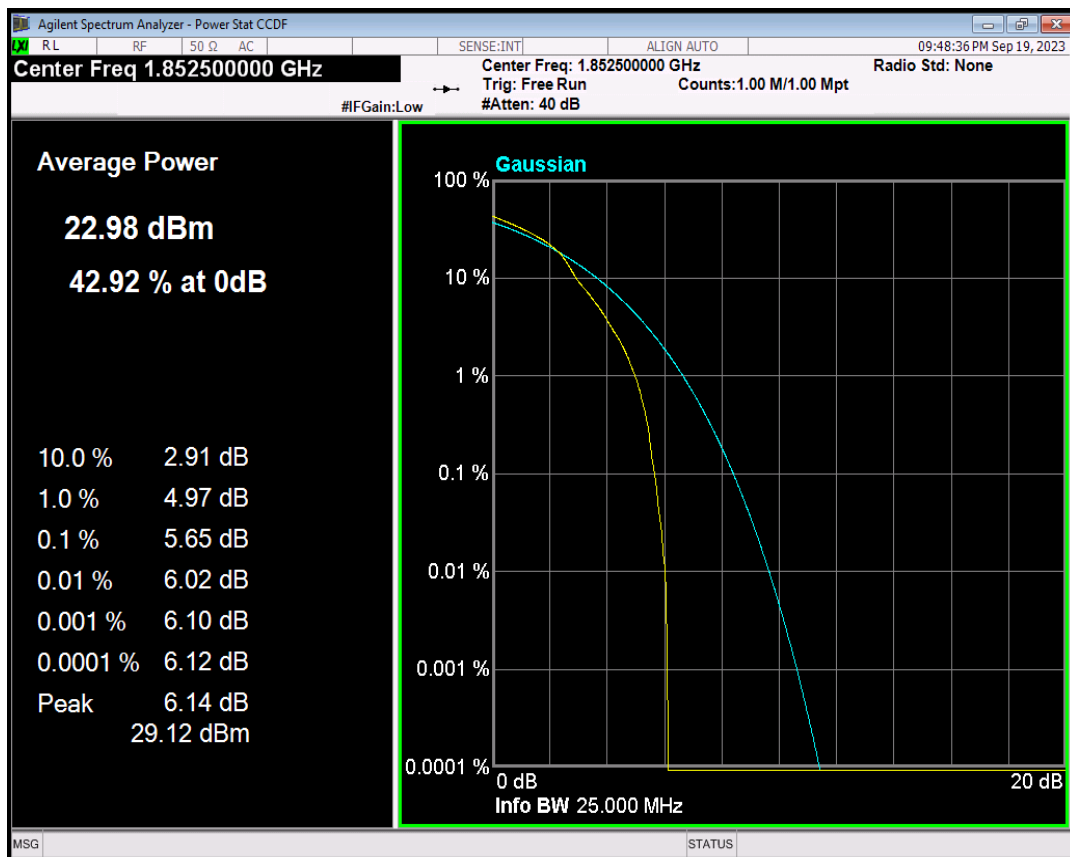




Band2 QPSK BW=5MHz Channel=18625 RB Size=1 Position=#0

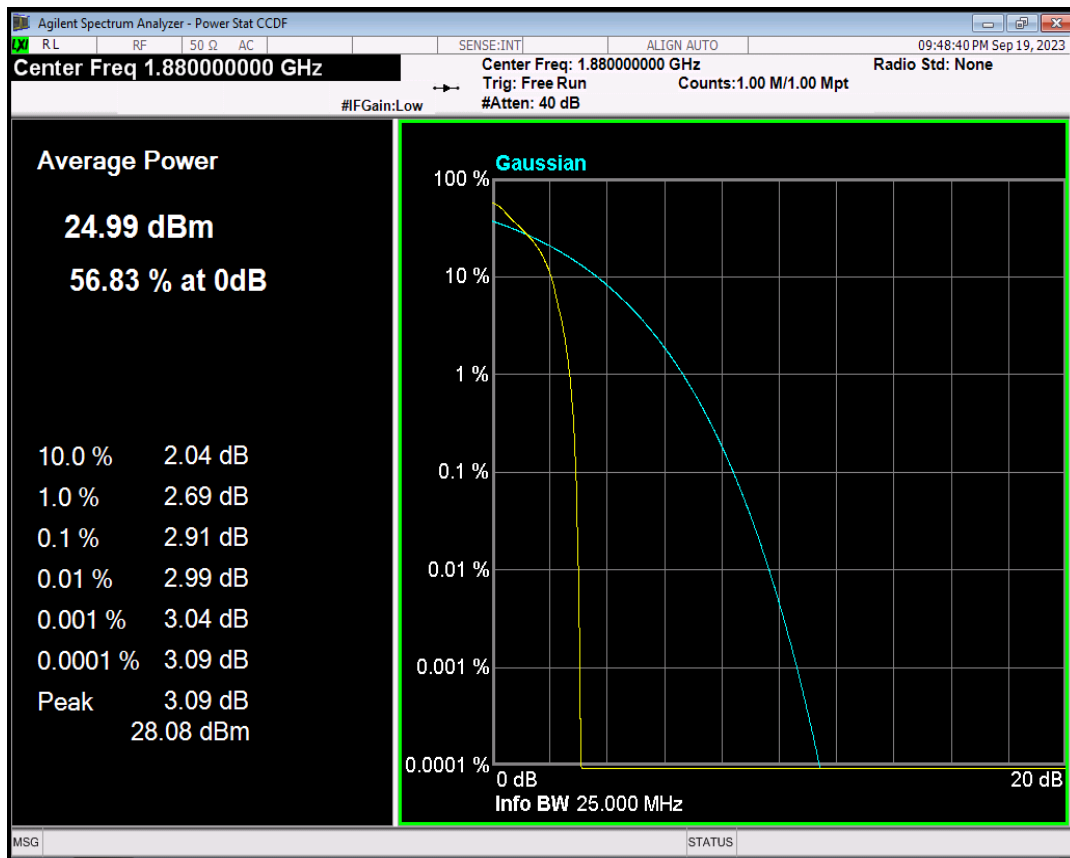


Band2 16QAM BW=5MHz Channel=18625 RB Size=1 Position=#0

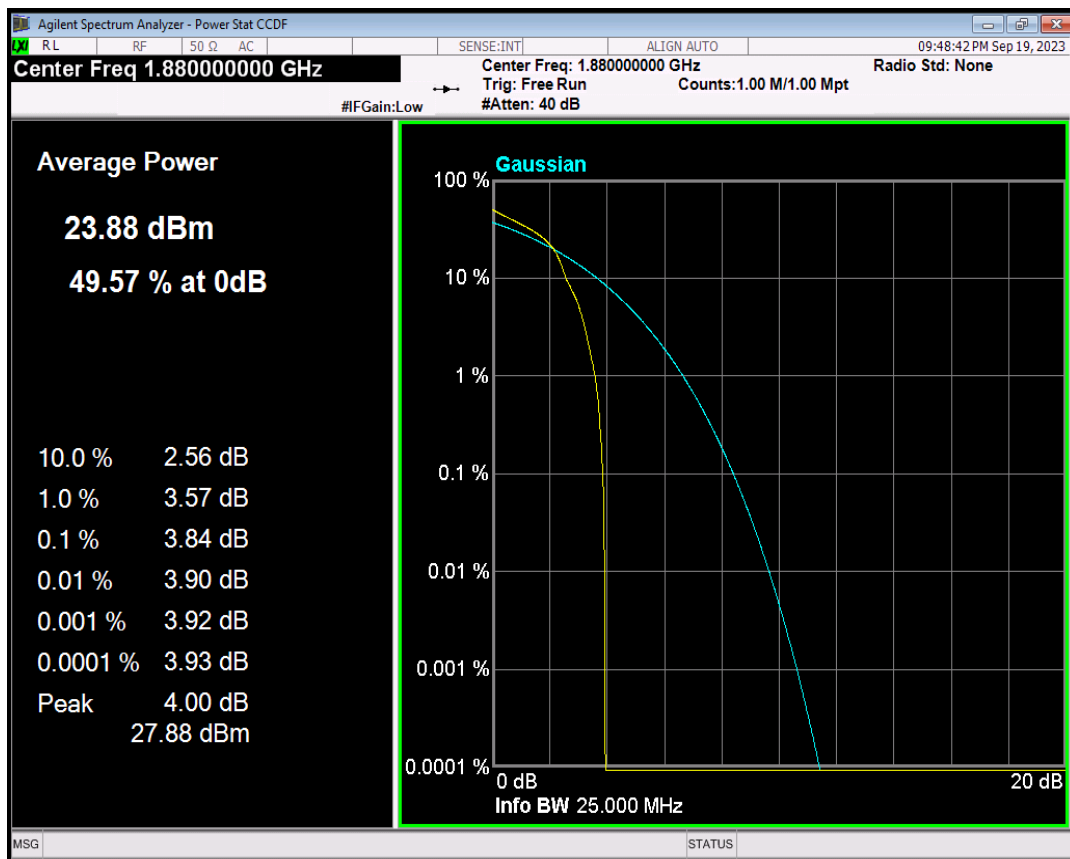




Band2 QPSK BW=5MHz Channel=18900 RB Size=1 Position=#0

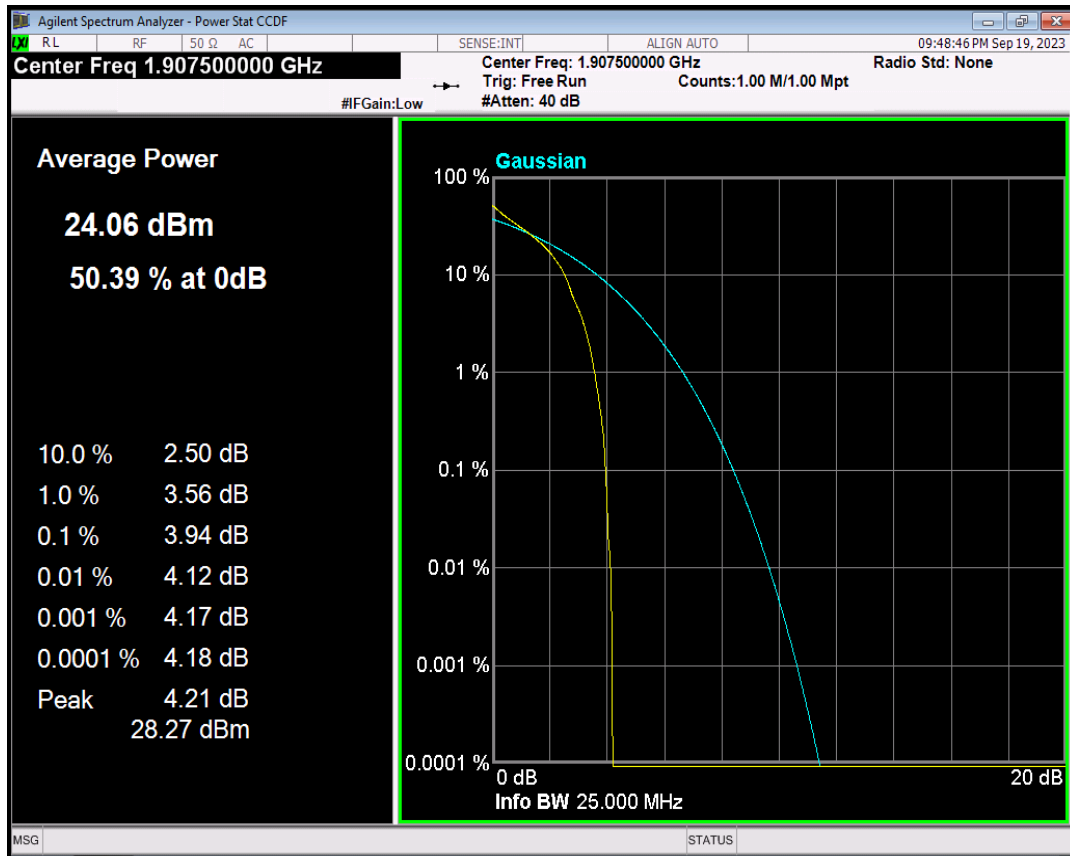


Band2 16QAM BW=5MHz Channel=18900 RB Size=1 Position=#0

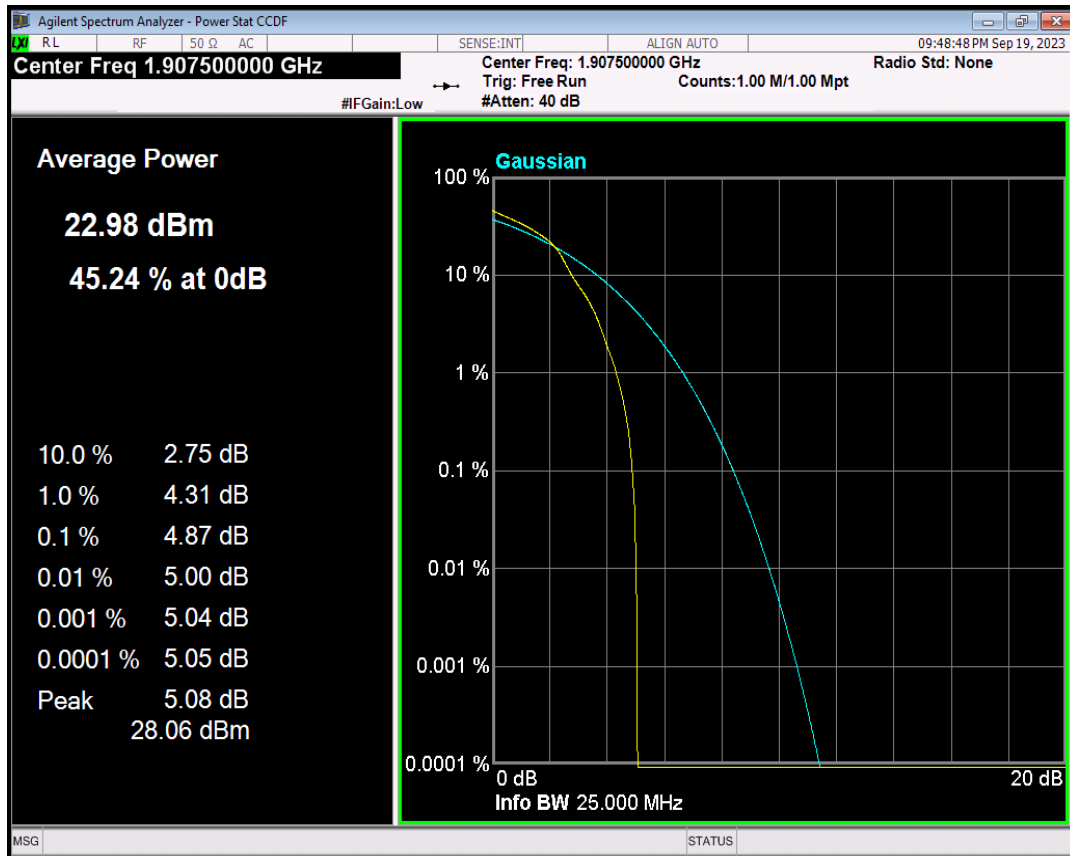




Band2 QPSK BW=5MHz Channel=19175 RB Size=1 Position=#0

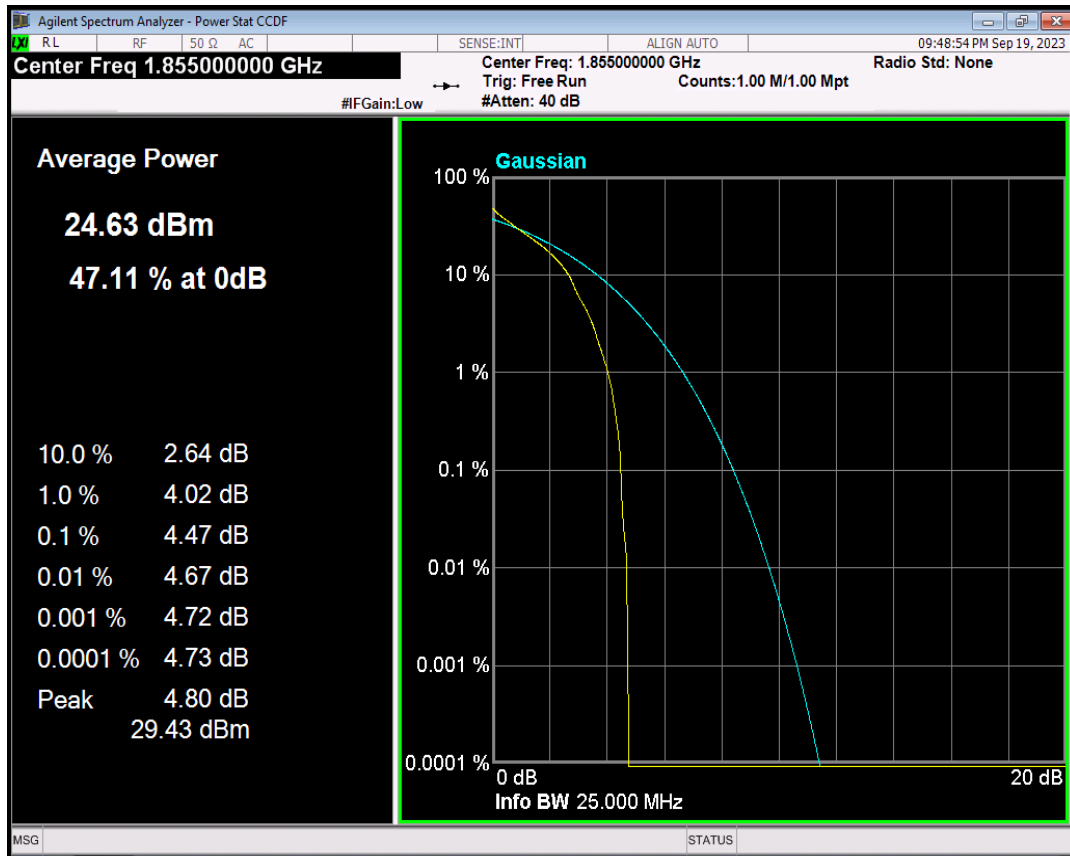


Band2 16QAM BW=5MHz Channel=19175 RB Size=1 Position=#0

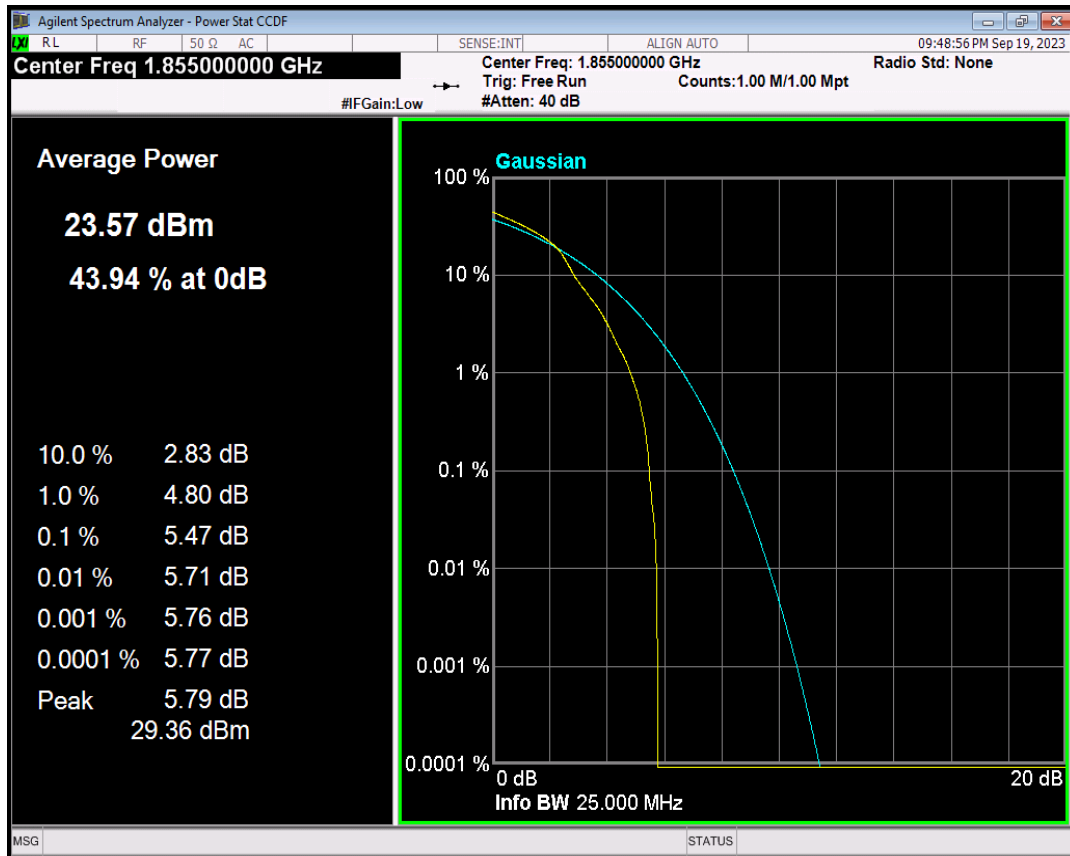




Band2 QPSK BW=10MHz Channel=18650 RB Size=1 Position=#0

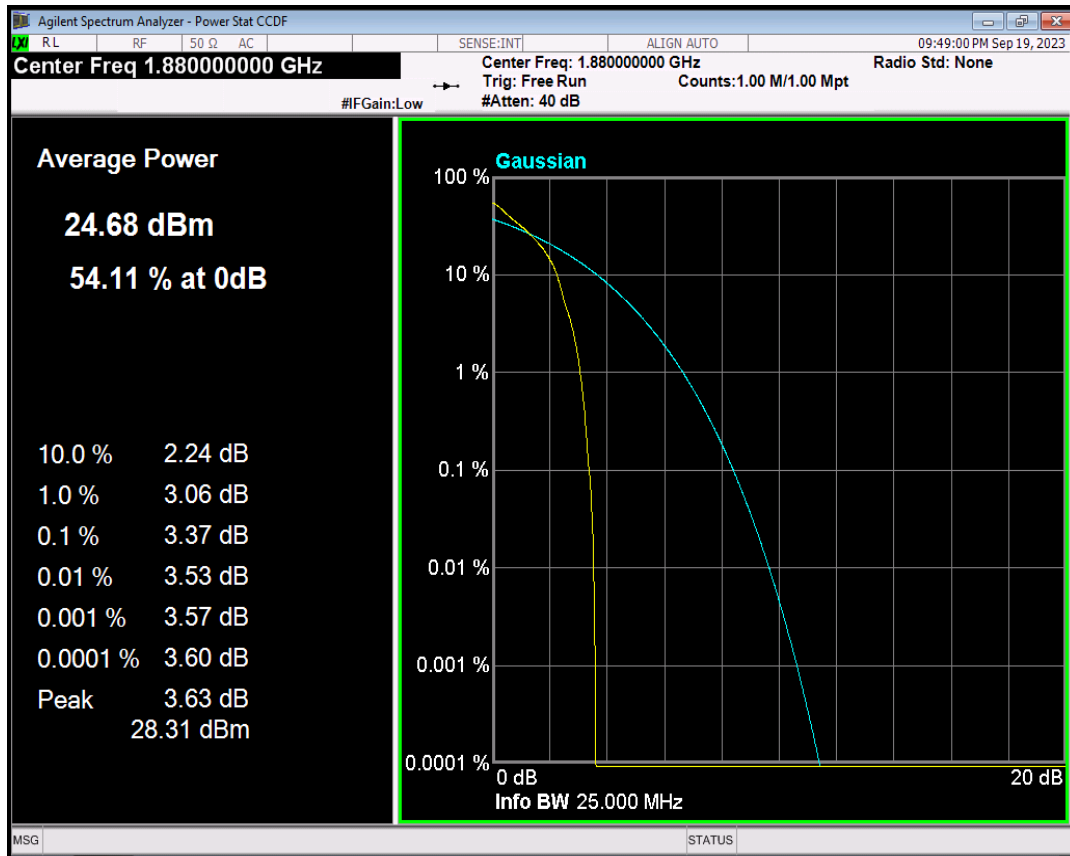


Band2 16QAM BW=10MHz Channel=18650 RB Size=1 Position=#0

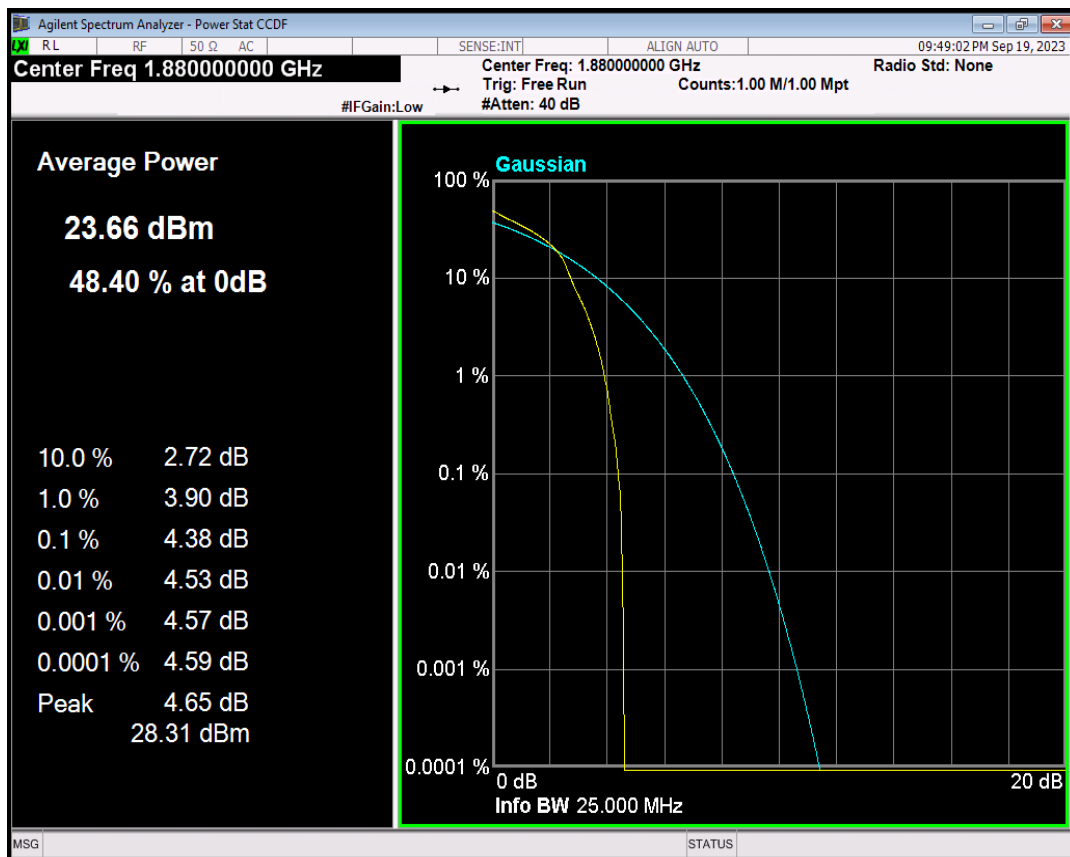




Band2 QPSK BW=10MHz Channel=18900 RB Size=1 Position=#0

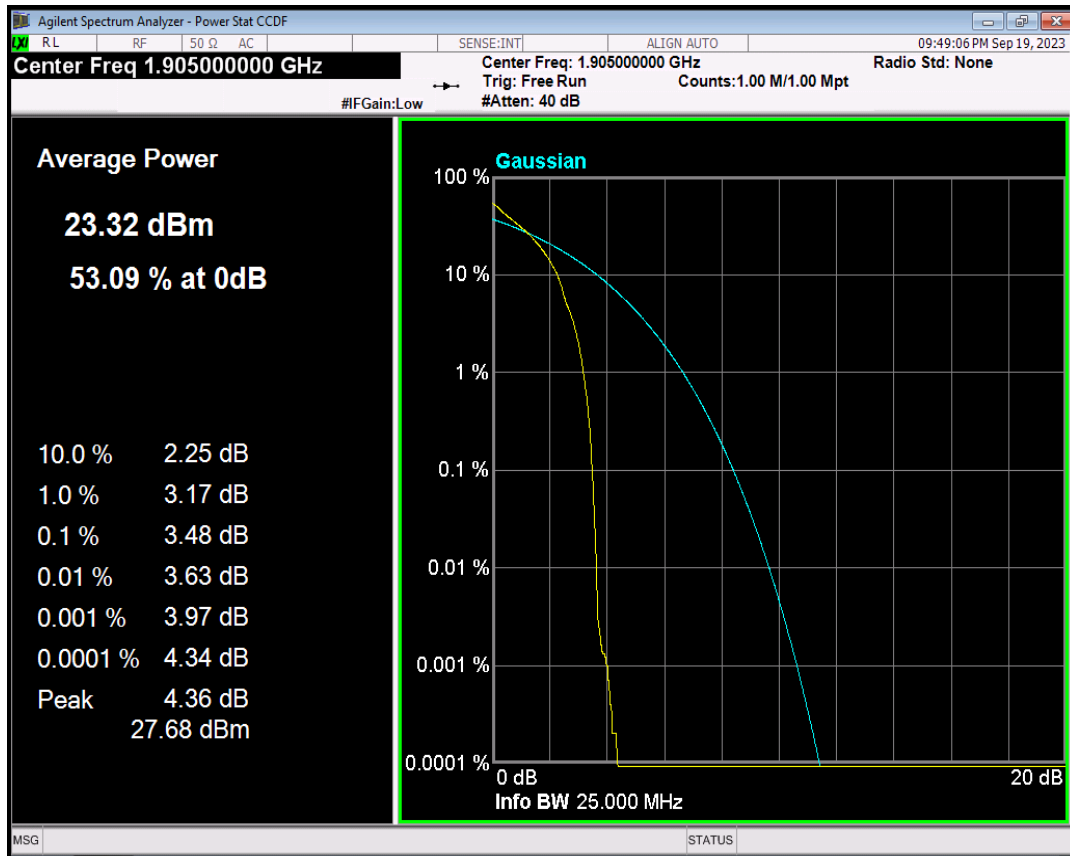


Band2 16QAM BW=10MHz Channel=18900 RB Size=1 Position=#0

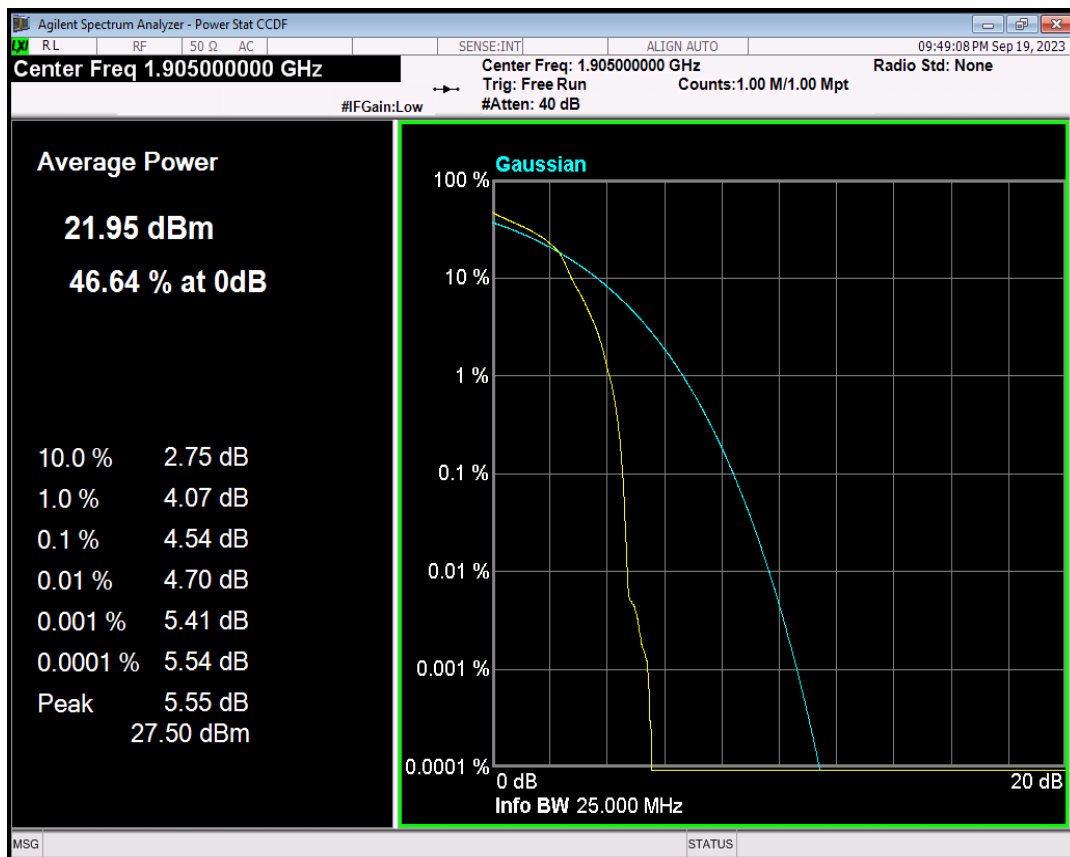




Band2 QPSK BW=10MHz Channel=19150 RB Size=1 Position=#0

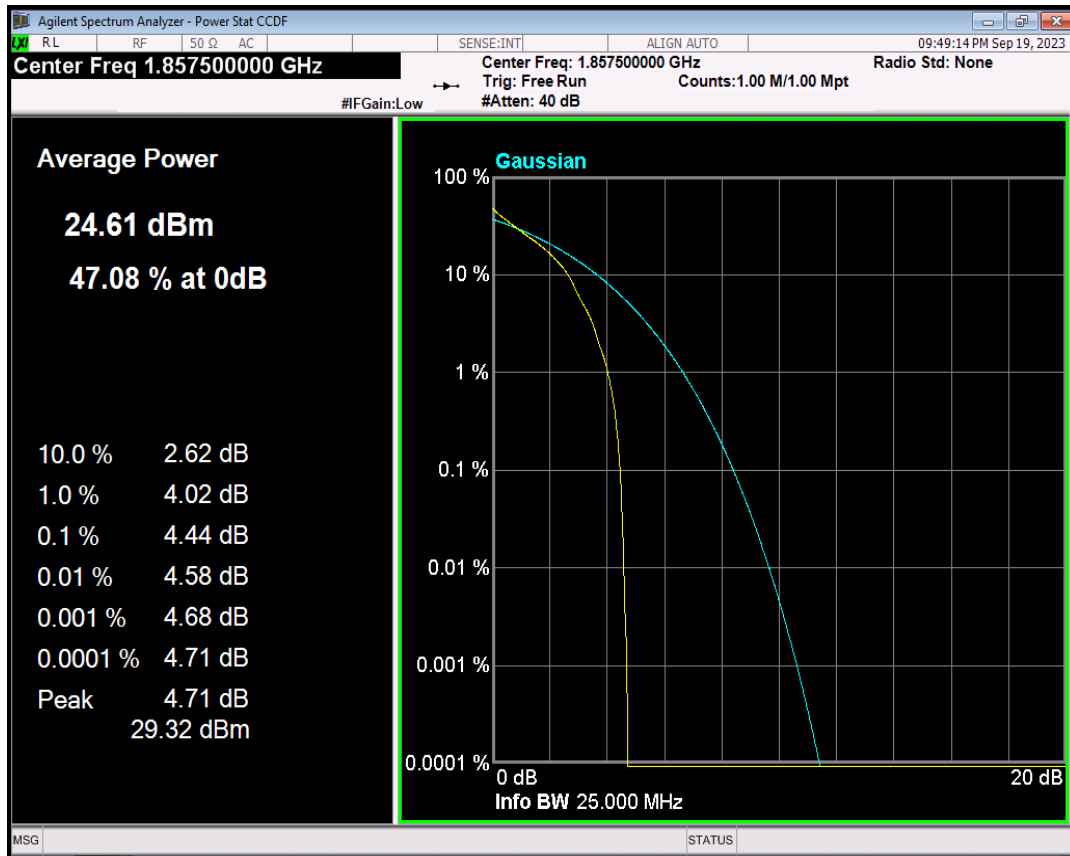


Band2 16QAM BW=10MHz Channel=19150 RB Size=1 Position=#0

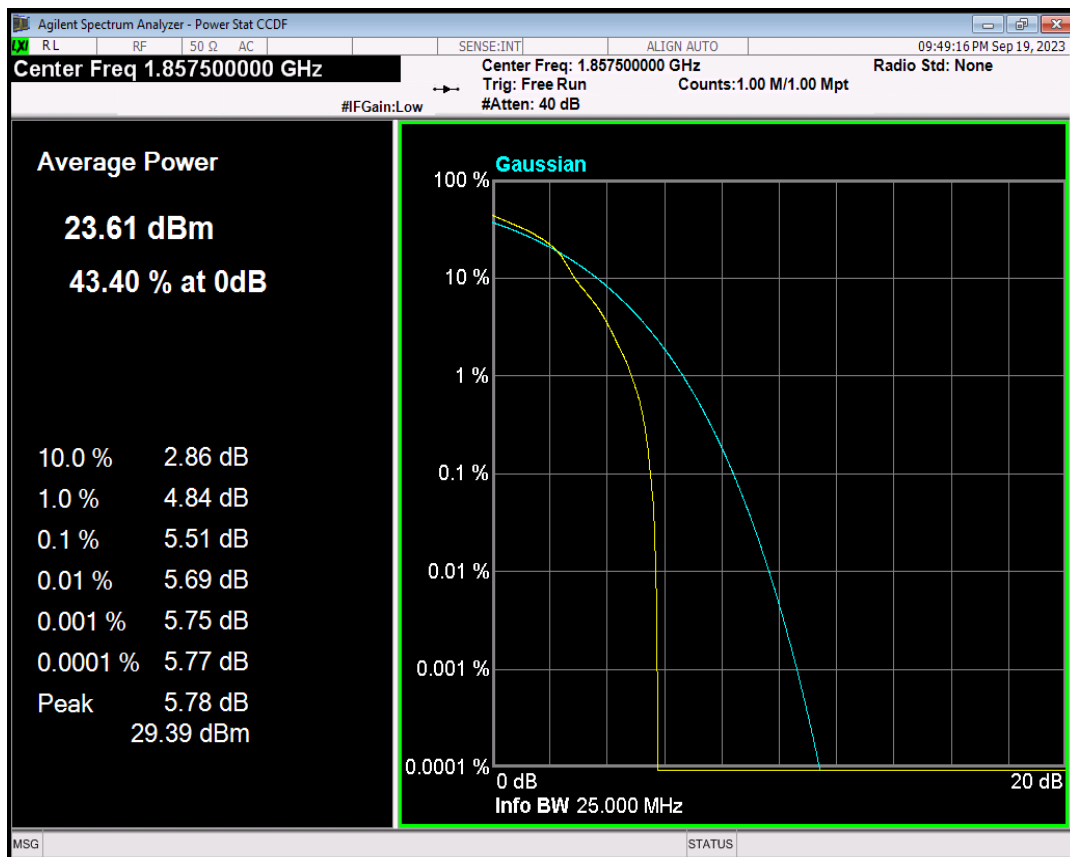




Band2 QPSK BW=15MHz Channel=18675 RB Size=1 Position=#0

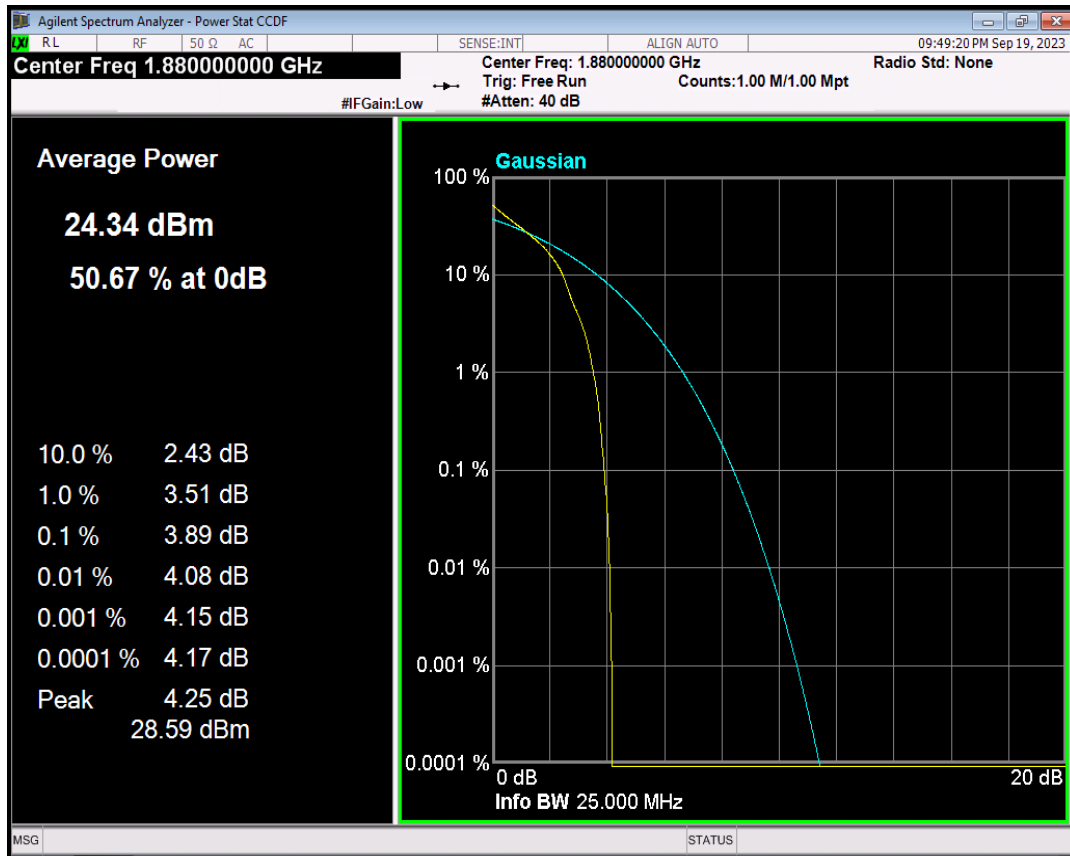


Band2 16QAM BW=15MHz Channel=18675 RB Size=1 Position=#0

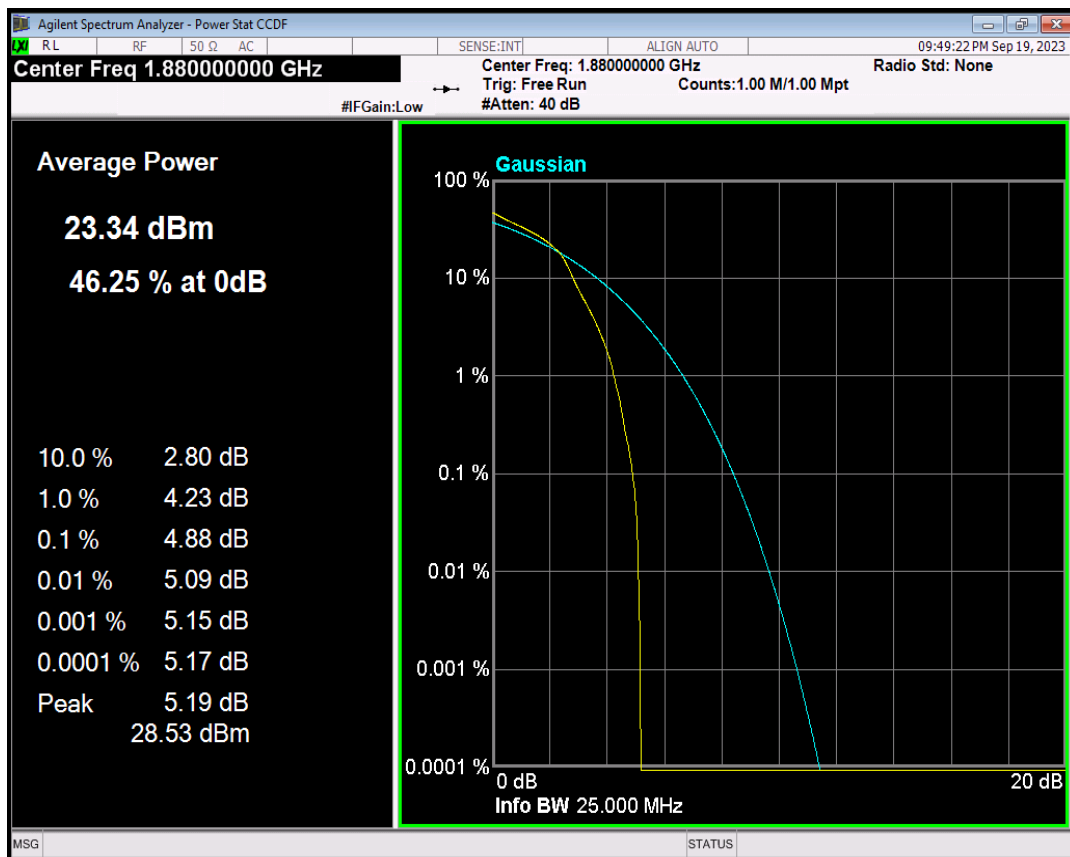




Band2 QPSK BW=15MHz Channel=18900 RB Size=1 Position=#0

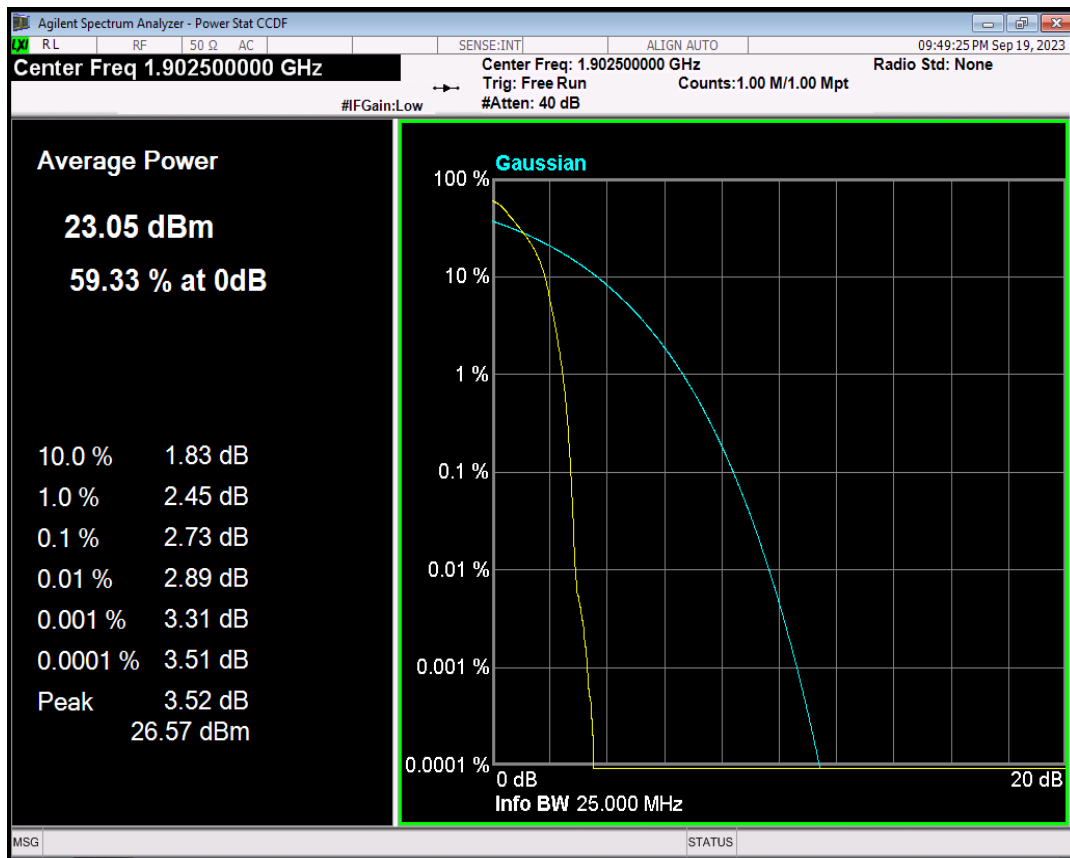


Band2 16QAM BW=15MHz Channel=18900 RB Size=1 Position=#0

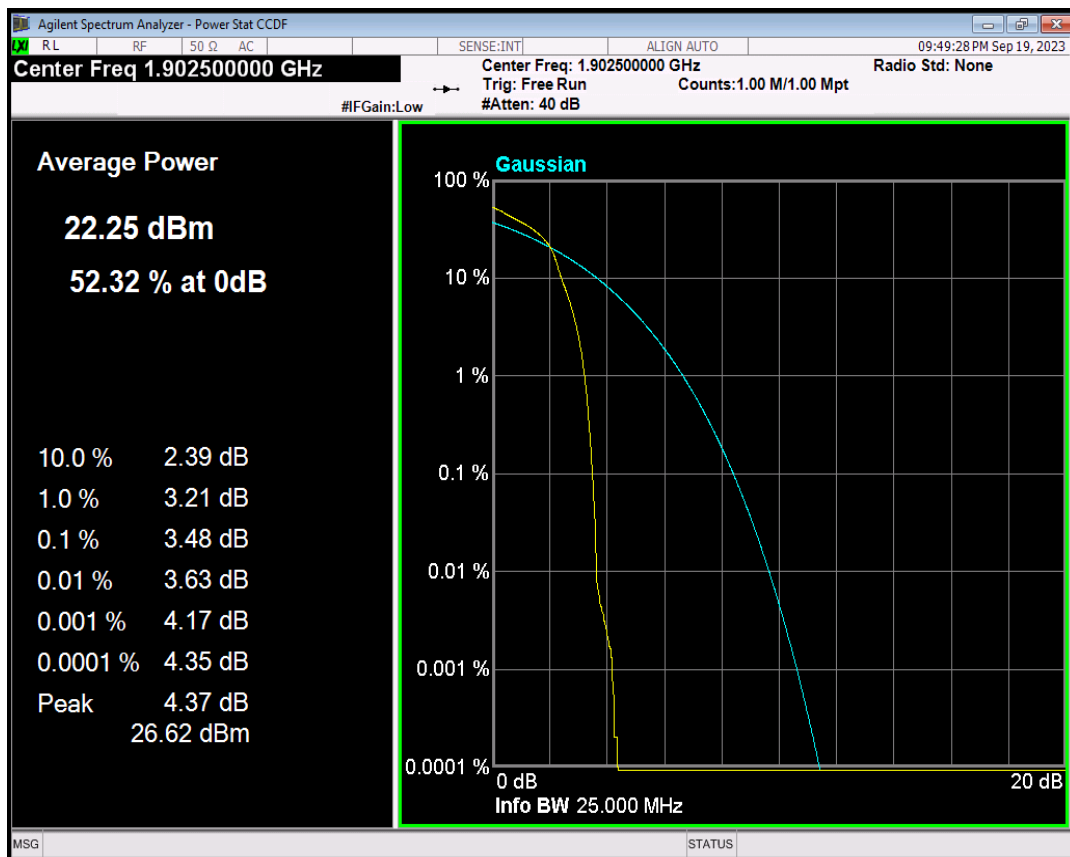




Band2 QPSK BW=15MHz Channel=19125 RB Size=1 Position=#0

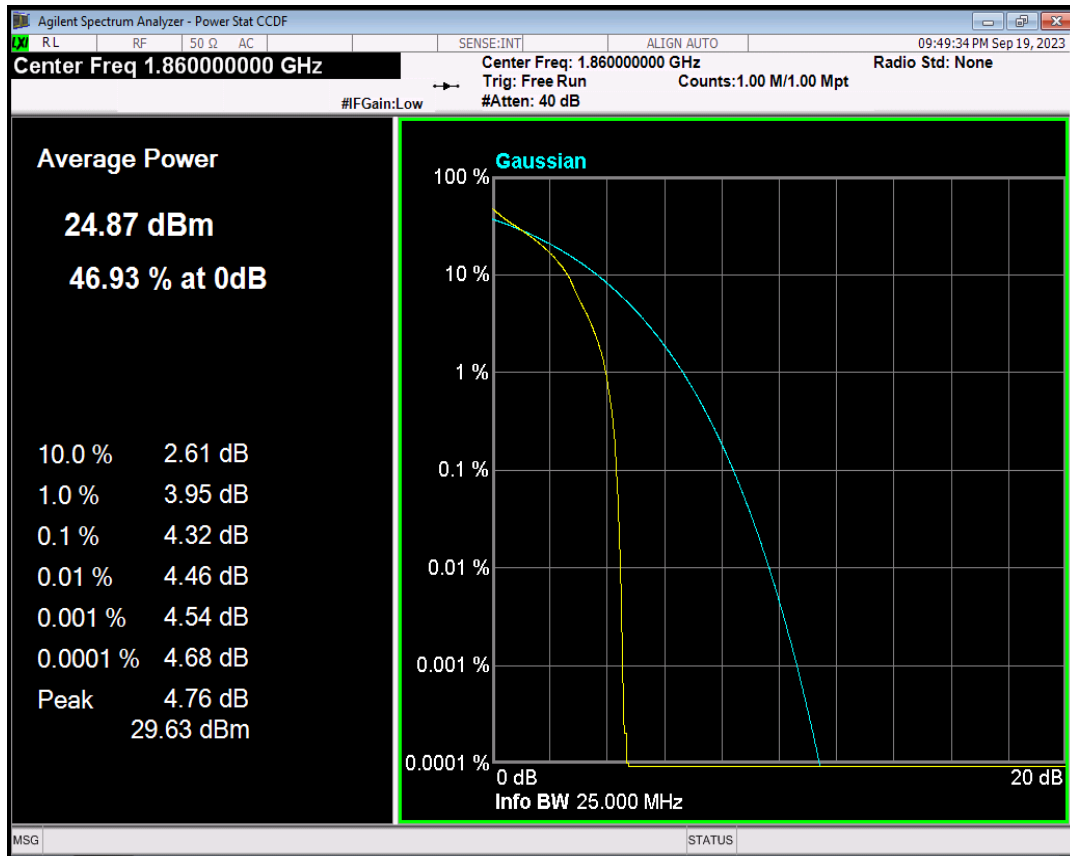


Band2 16QAM BW=15MHz Channel=19125 RB Size=1 Position=#0

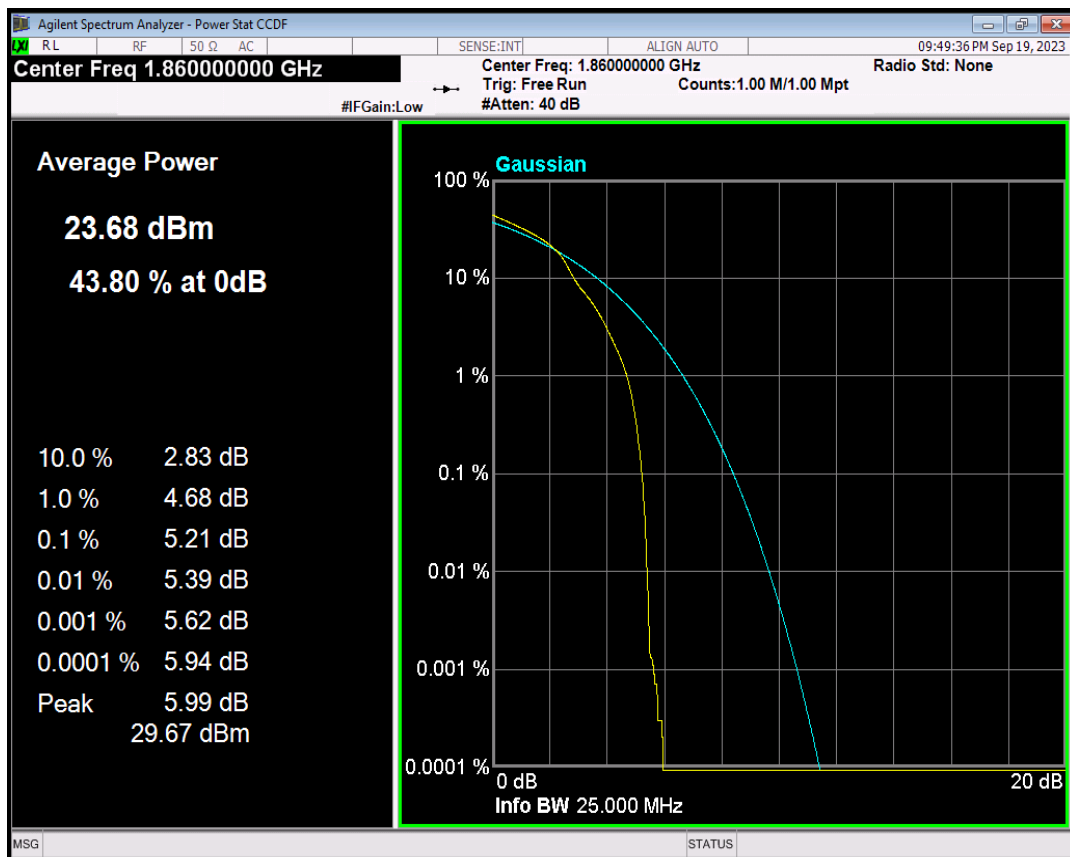




Band2 QPSK BW=20MHz Channel=18700 RB Size=1 Position=#0

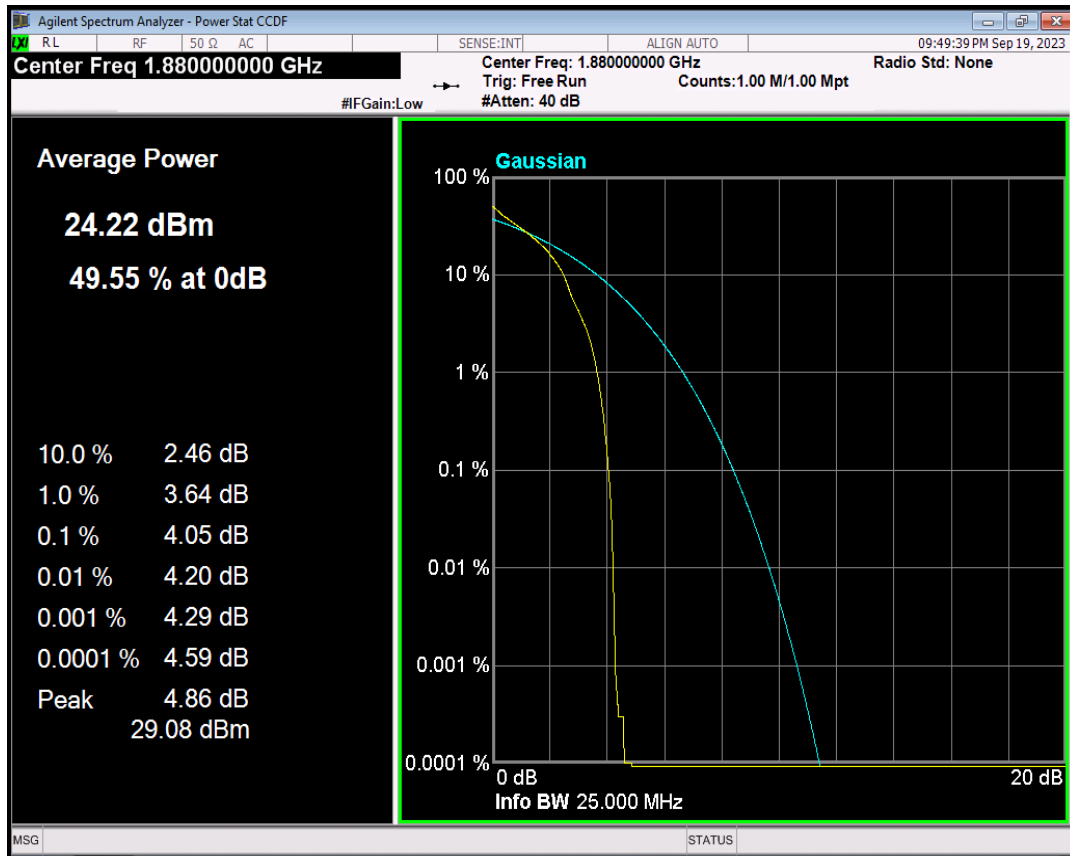


Band2 16QAM BW=20MHz Channel=18700 RB Size=1 Position=#0

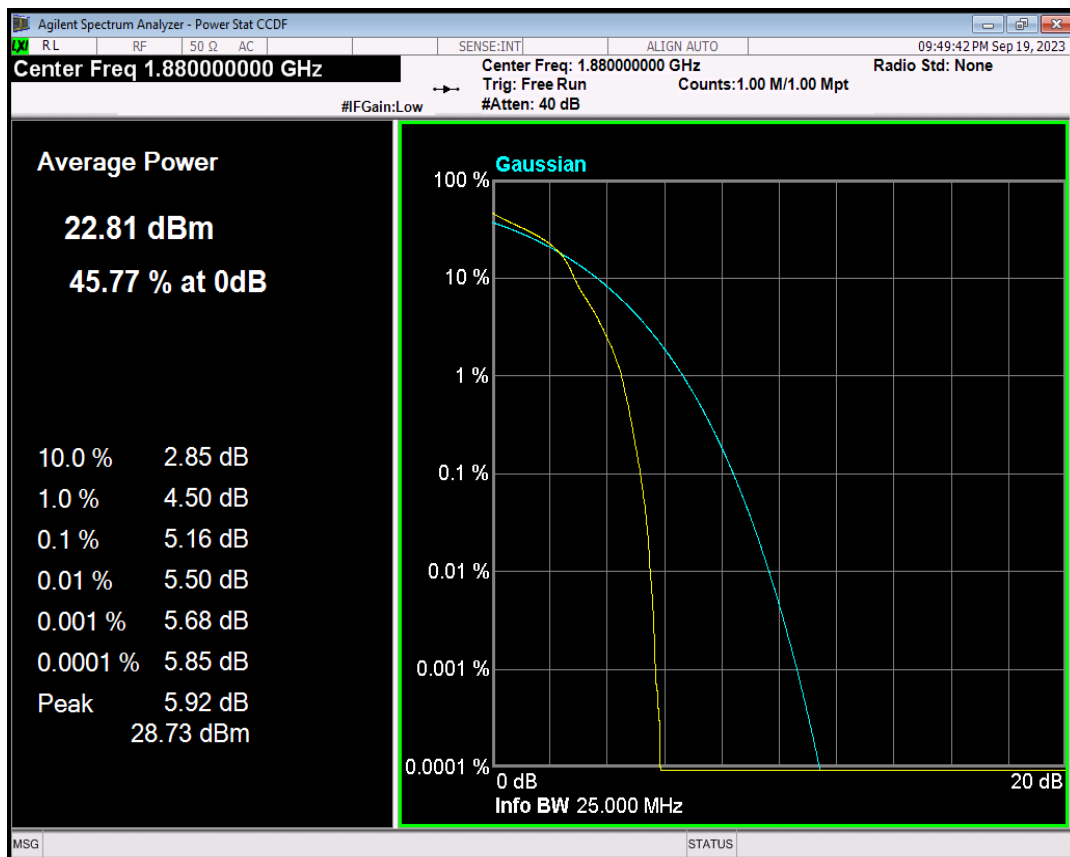




Band2 QPSK BW=20MHz Channel=18900 RB Size=1 Position=#0

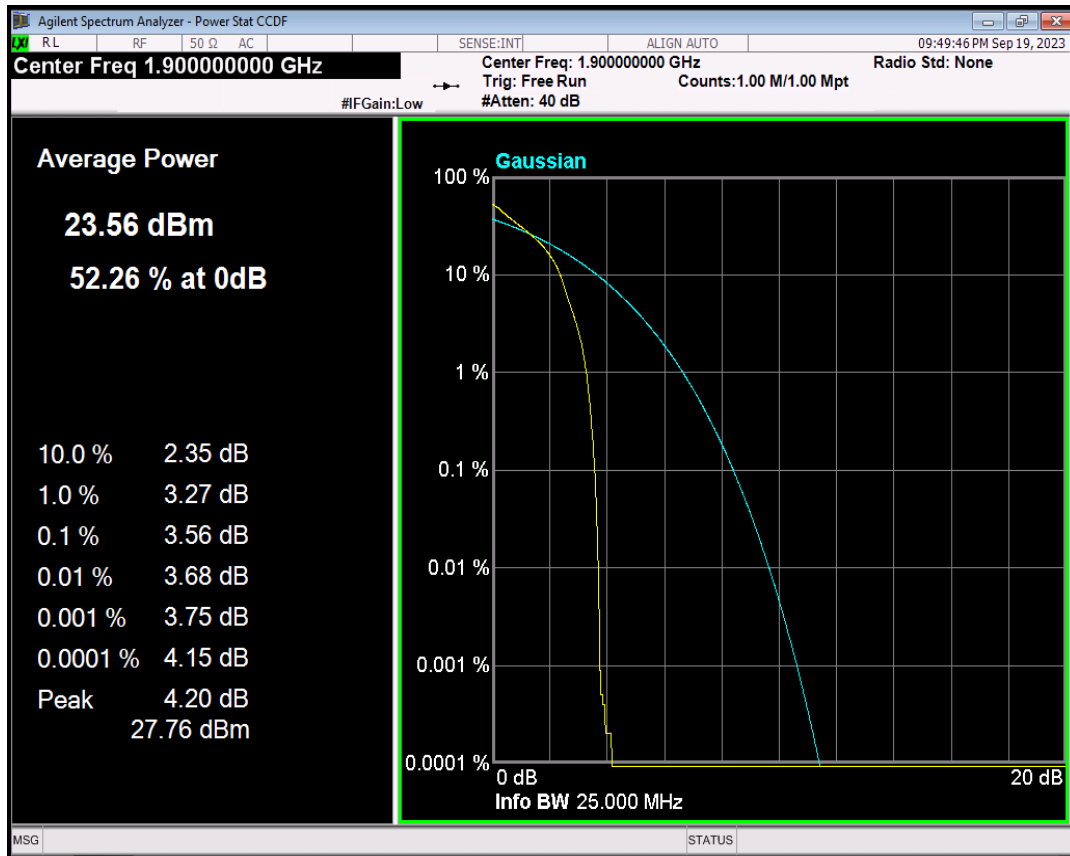


Band2 16QAM BW=20MHz Channel=18900 RB Size=1 Position=#0

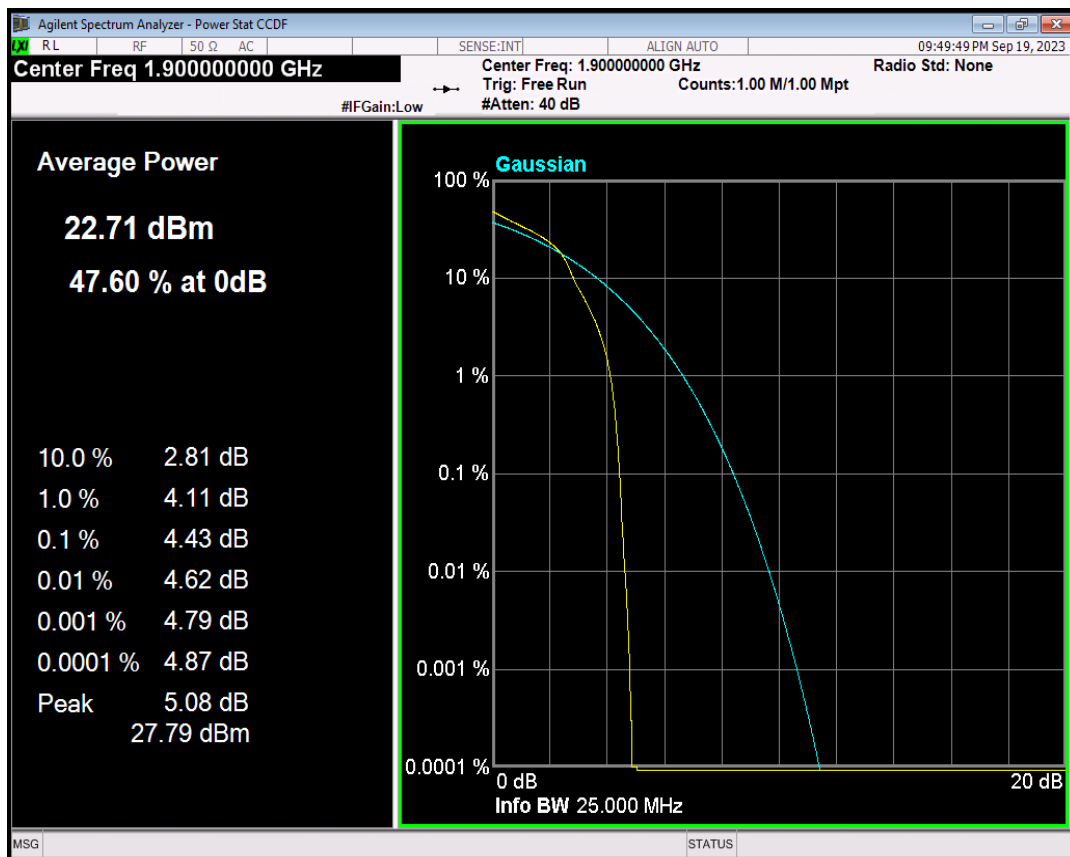




Band2 QPSK BW=20MHz Channel=19100 RB Size=1 Position=#0



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

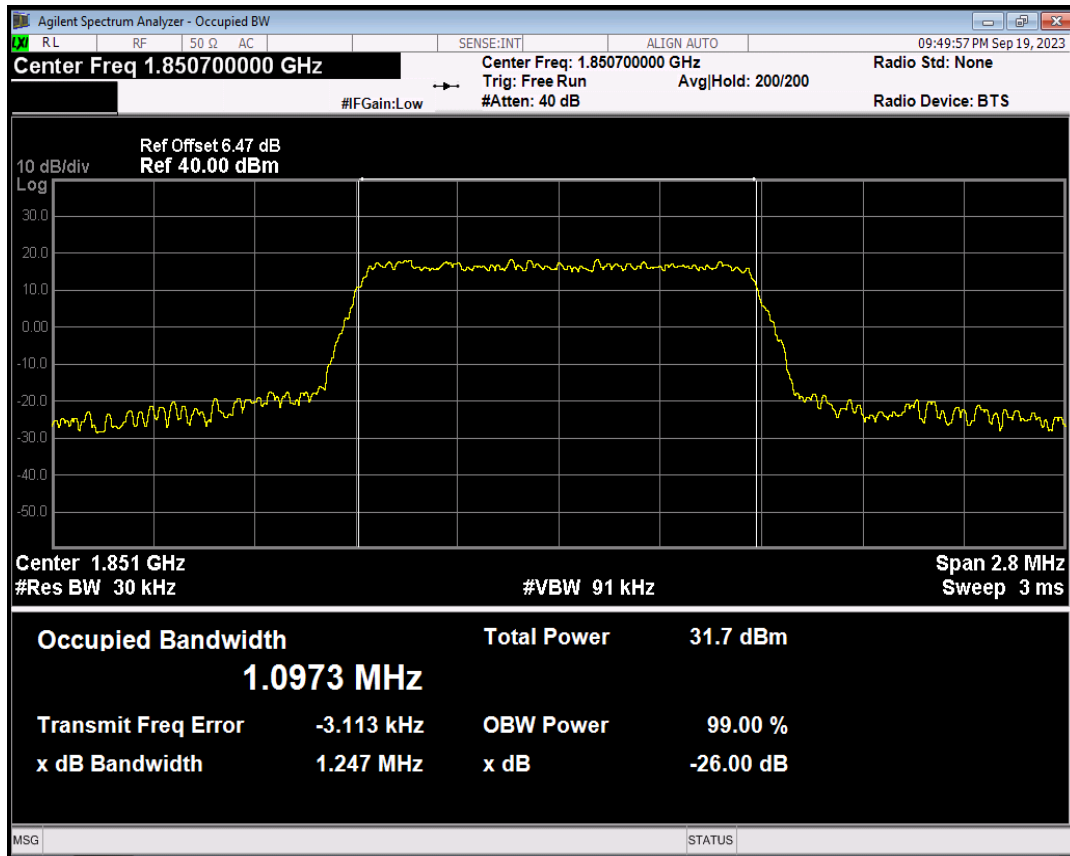


Appendix 4. Occupied bandwidth

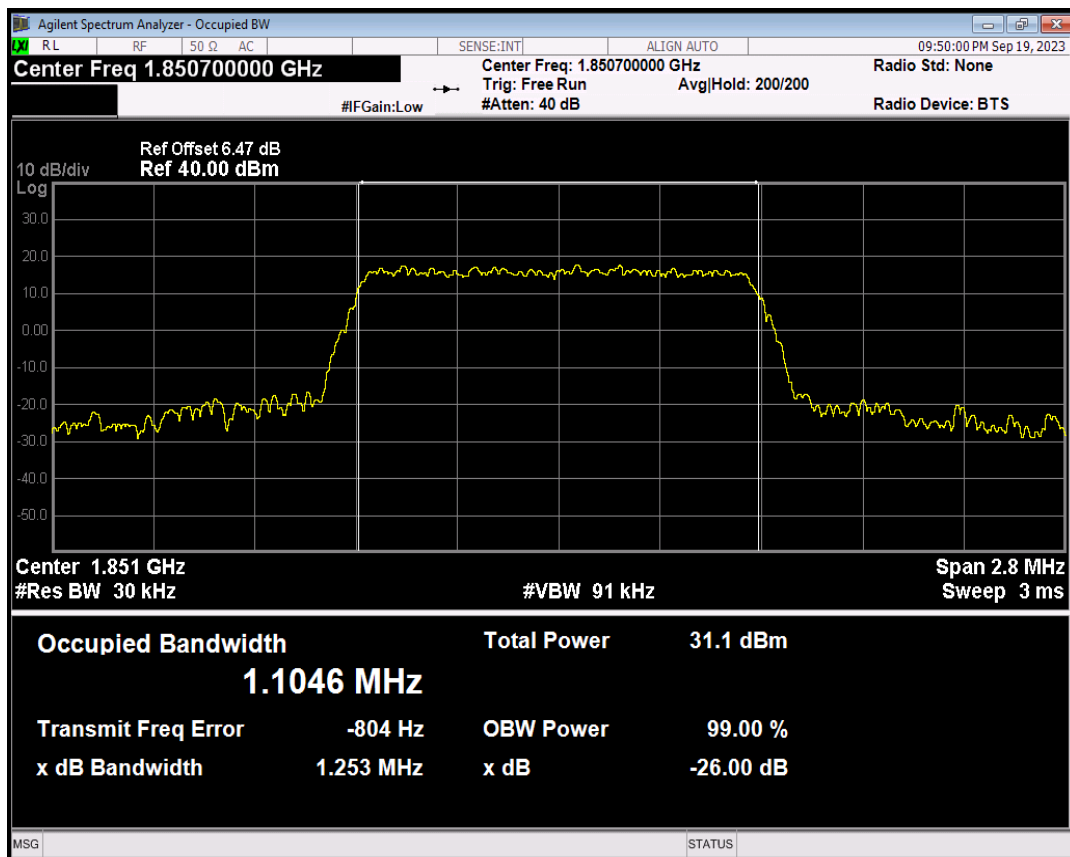
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
Band2	1.4	18607	6	#0	QPSK	1.097	1.247	PASS
Band2	1.4	18607	6	#0	16QAM	1.105	1.253	PASS
Band2	1.4	18900	6	#0	QPSK	1.100	1.264	PASS
Band2	1.4	18900	6	#0	16QAM	1.097	1.247	PASS
Band2	1.4	19193	6	#0	QPSK	1.102	1.253	PASS
Band2	1.4	19193	6	#0	16QAM	1.101	1.246	PASS
Band2	3	18615	15	#0	QPSK	2.718	3.021	PASS
Band2	3	18615	15	#0	16QAM	2.710	3.038	PASS
Band2	3	18900	15	#0	QPSK	2.710	3.041	PASS
Band2	3	18900	15	#0	16QAM	2.701	3.061	PASS
Band2	3	19185	15	#0	QPSK	2.715	3.024	PASS
Band2	3	19185	15	#0	16QAM	2.710	3.036	PASS
Band2	5	18625	25	#0	QPSK	4.508	4.943	PASS
Band2	5	18625	25	#0	16QAM	4.501	4.910	PASS
Band2	5	18900	25	#0	QPSK	4.509	4.933	PASS
Band2	5	18900	25	#0	16QAM	4.521	4.997	PASS
Band2	5	19175	25	#0	QPSK	4.507	4.919	PASS
Band2	5	19175	25	#0	16QAM	4.531	4.953	PASS
Band2	10	18650	50	#0	QPSK	8.992	9.946	PASS
Band2	10	18650	50	#0	16QAM	8.979	9.824	PASS
Band2	10	18900	50	#0	QPSK	8.997	9.766	PASS
Band2	10	18900	50	#0	16QAM	9.001	9.715	PASS
Band2	10	19150	50	#0	QPSK	8.970	9.909	PASS
Band2	10	19150	50	#0	16QAM	8.978	9.870	PASS
Band2	15	18675	75	#0	QPSK	13.541	14.863	PASS
Band2	15	18675	75	#0	16QAM	13.560	15.031	PASS
Band2	15	18900	75	#0	QPSK	13.426	14.830	PASS
Band2	15	18900	75	#0	16QAM	13.438	14.947	PASS
Band2	15	19125	75	#0	QPSK	13.451	14.737	PASS
Band2	15	19125	75	#0	16QAM	13.483	14.668	PASS
Band2	20	18700	100	#0	QPSK	18.052	19.836	PASS
Band2	20	18700	100	#0	16QAM	18.016	19.572	PASS
Band2	20	18900	100	#0	QPSK	17.937	19.463	PASS
Band2	20	18900	100	#0	16QAM	18.001	19.470	PASS
Band2	20	19100	100	#0	QPSK	17.959	19.739	PASS
Band2	20	19100	100	#0	16QAM	18.004	19.648	PASS



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

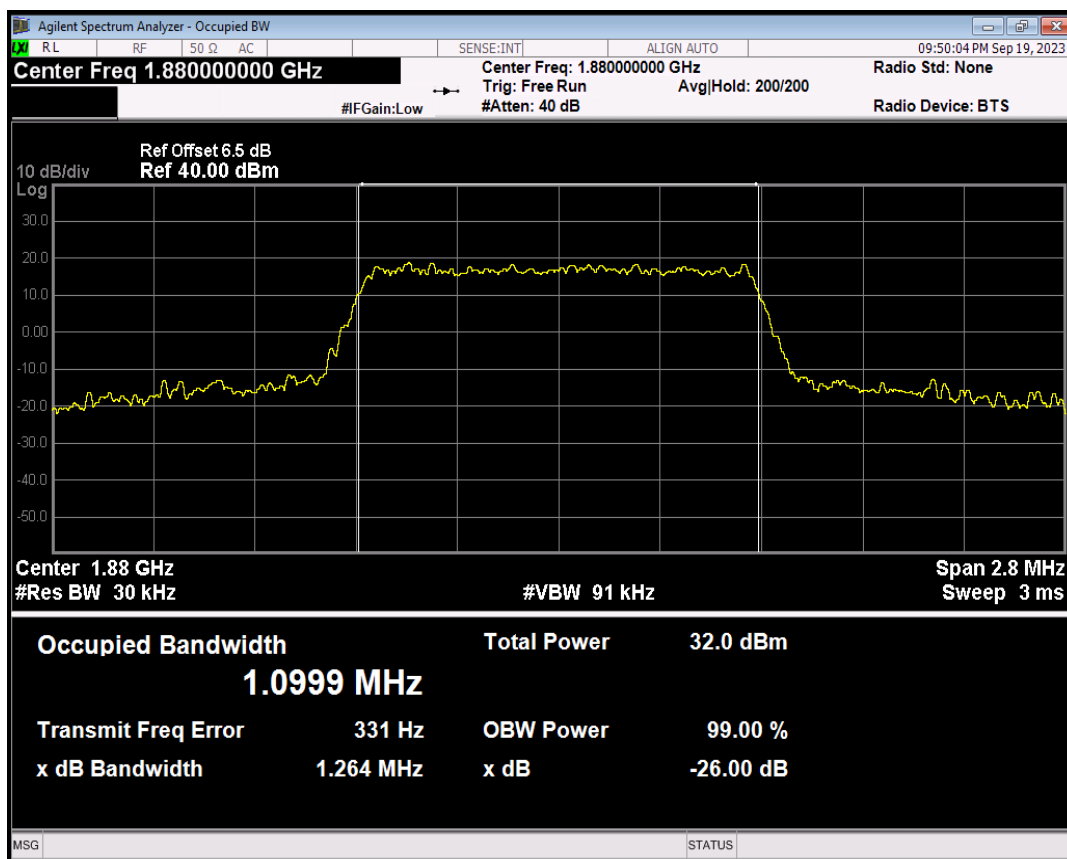


Band2 16QAM BW=1.4MHz Channel=18607 RB Size=6 Position=#0

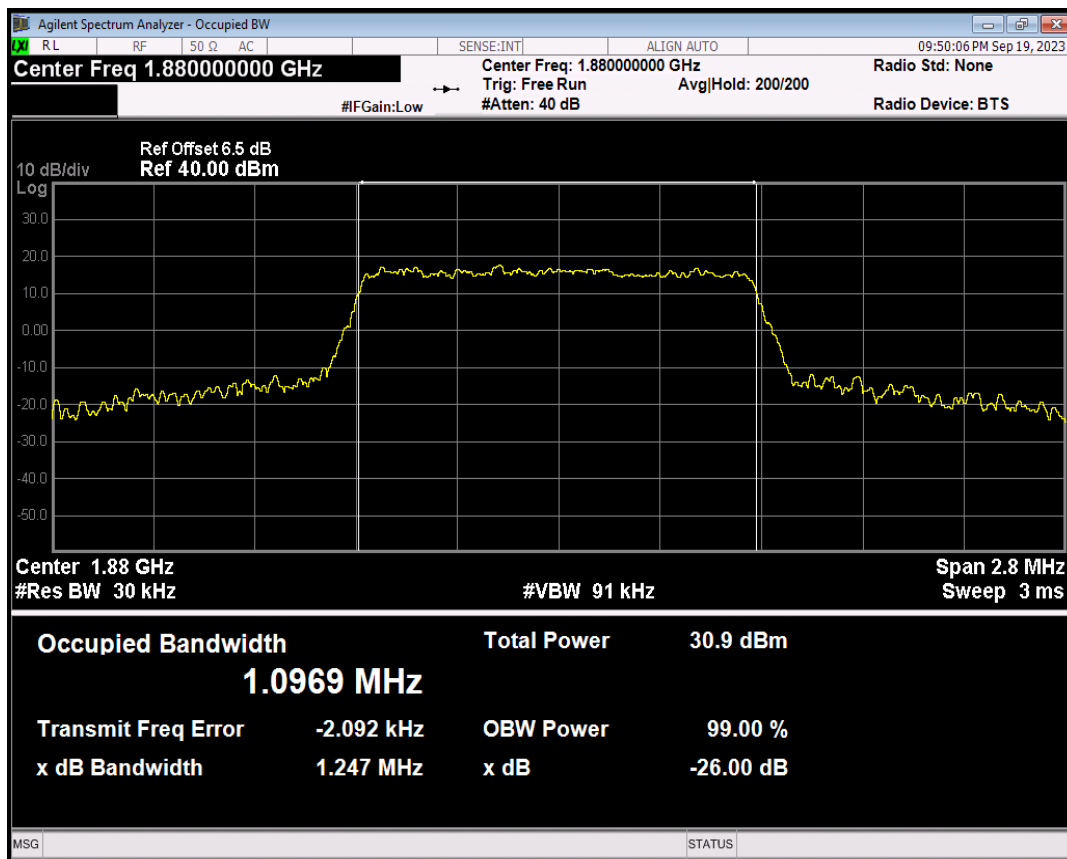




Band2 QPSK BW=1.4MHz Channel=18900 RB Size=6 Position=#0

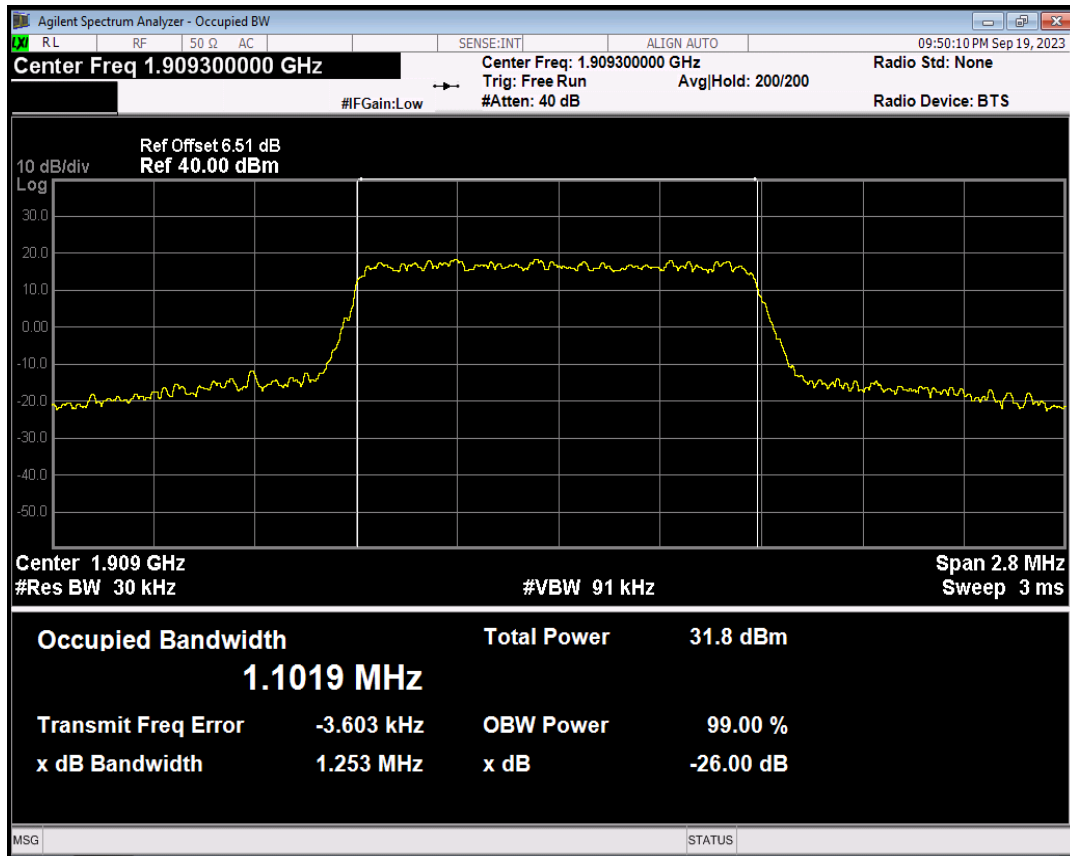


Band2 16QAM BW=1.4MHz Channel=18900 RB Size=6 Position=#0

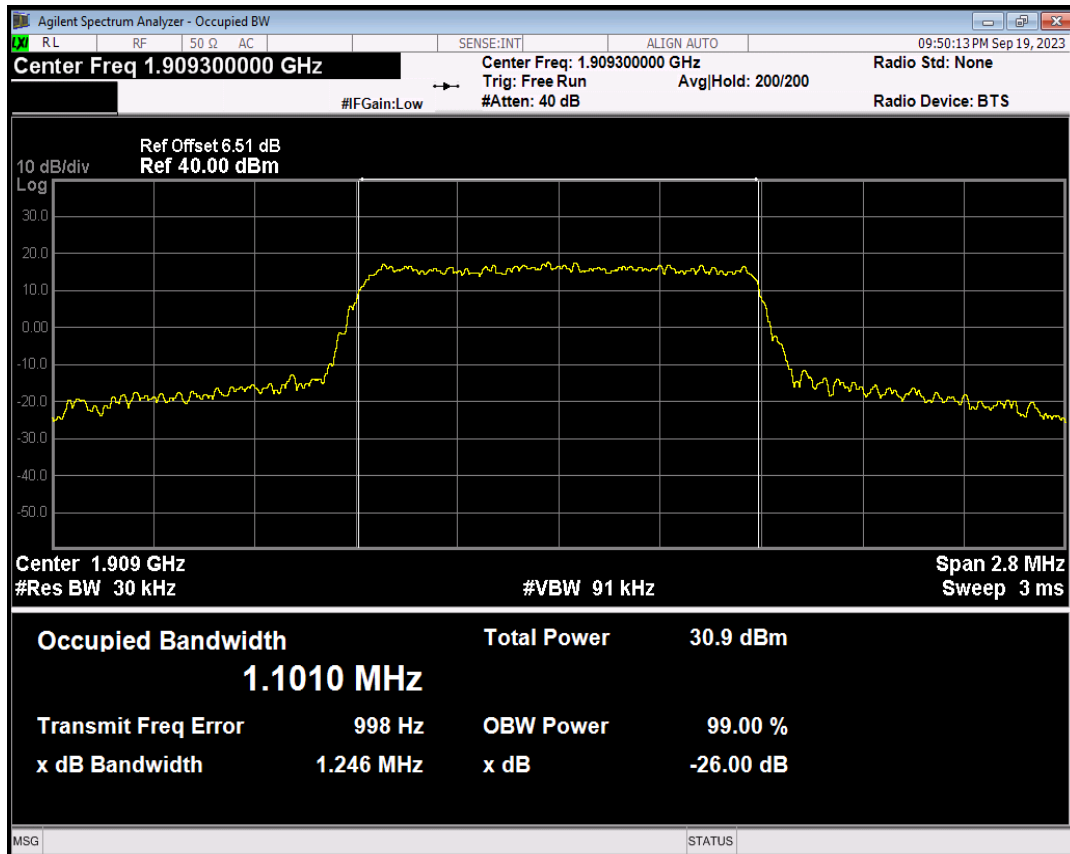




Band2 QPSK BW=1.4MHz Channel=19193 RB Size=6 Position=#0

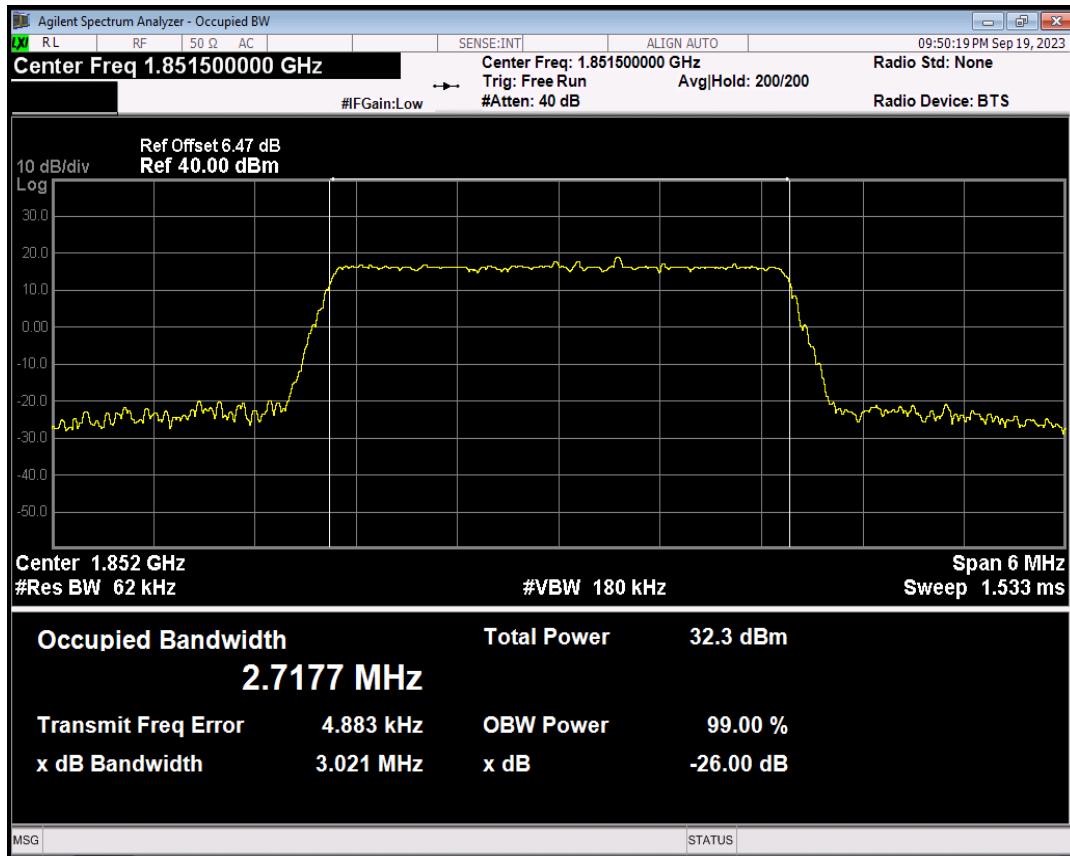


Band2 16QAM BW=1.4MHz Channel=19193 RB Size=6 Position=#0

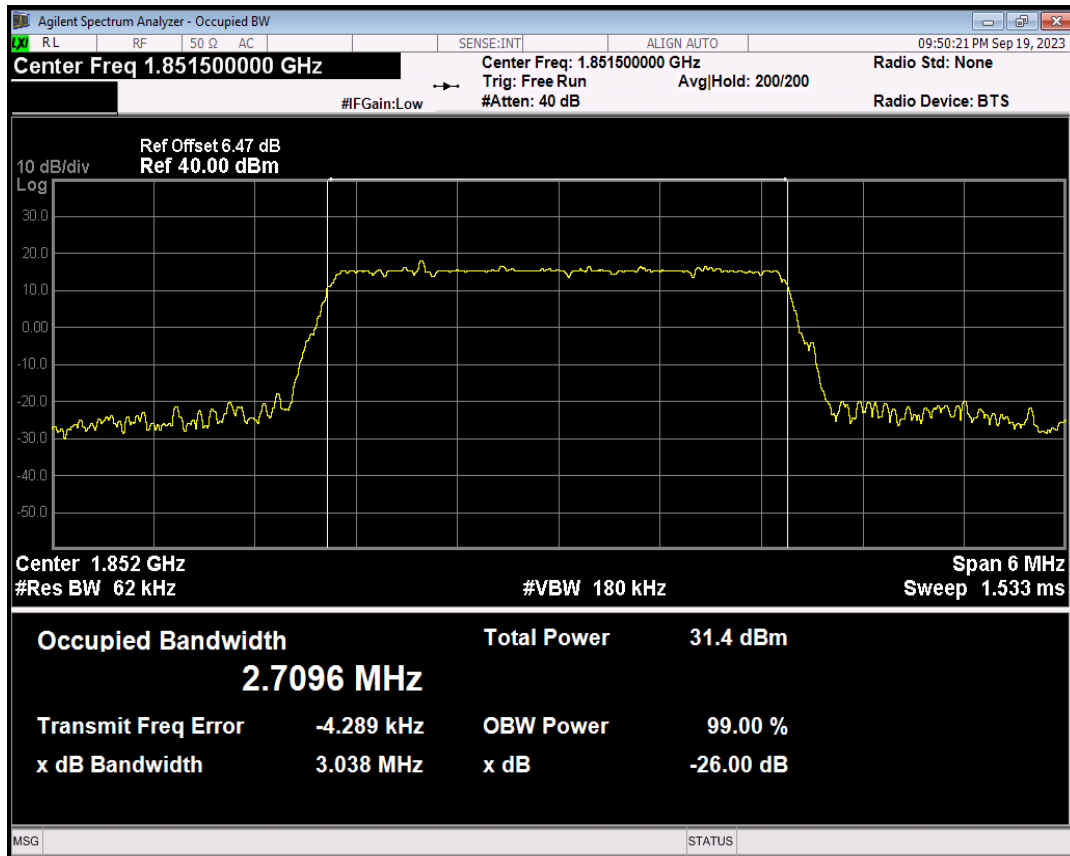




Band2 QPSK BW=3MHz Channel=18615 RB Size=15 Position=#0

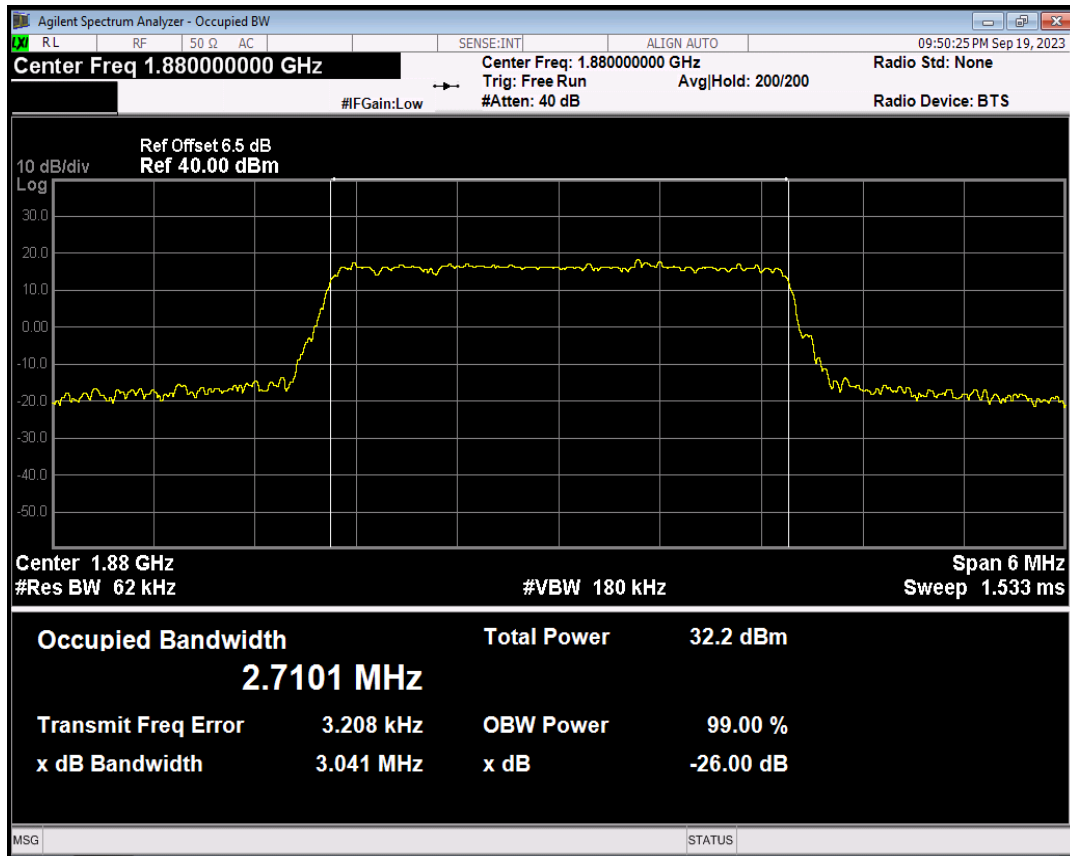


Band2 16QAM BW=3MHz Channel=18615 RB Size=15 Position=#0

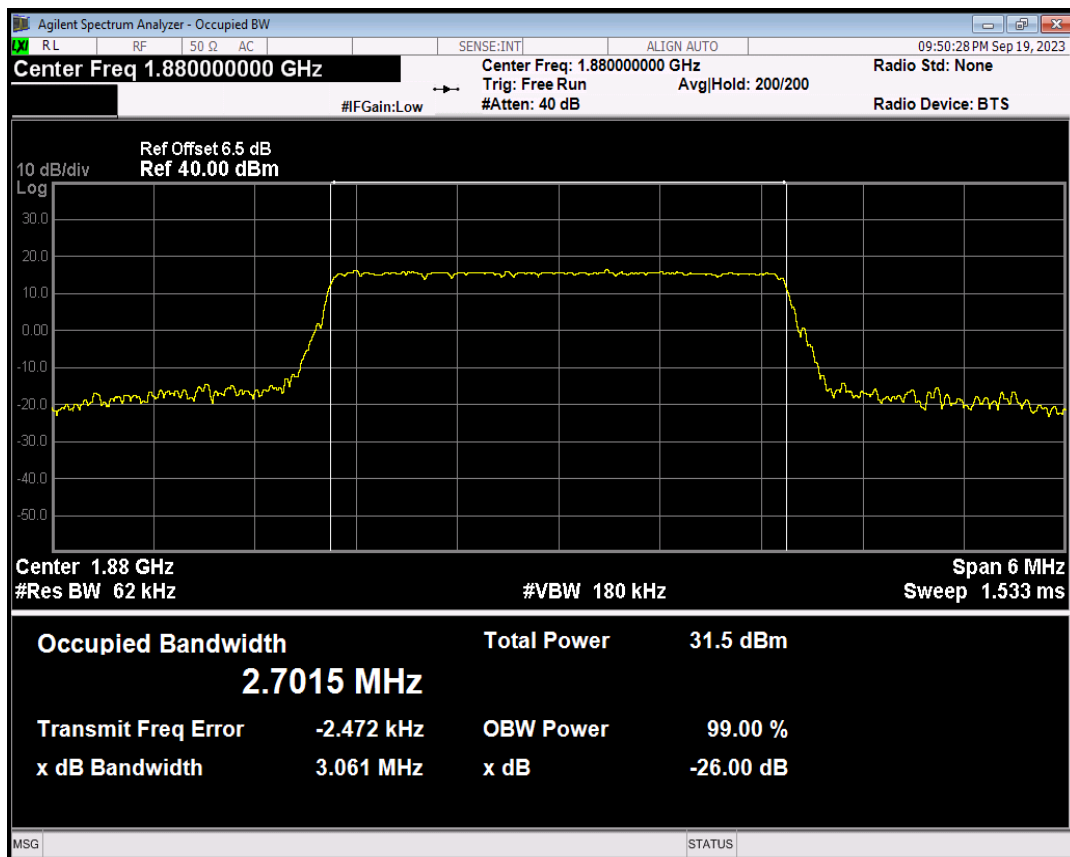




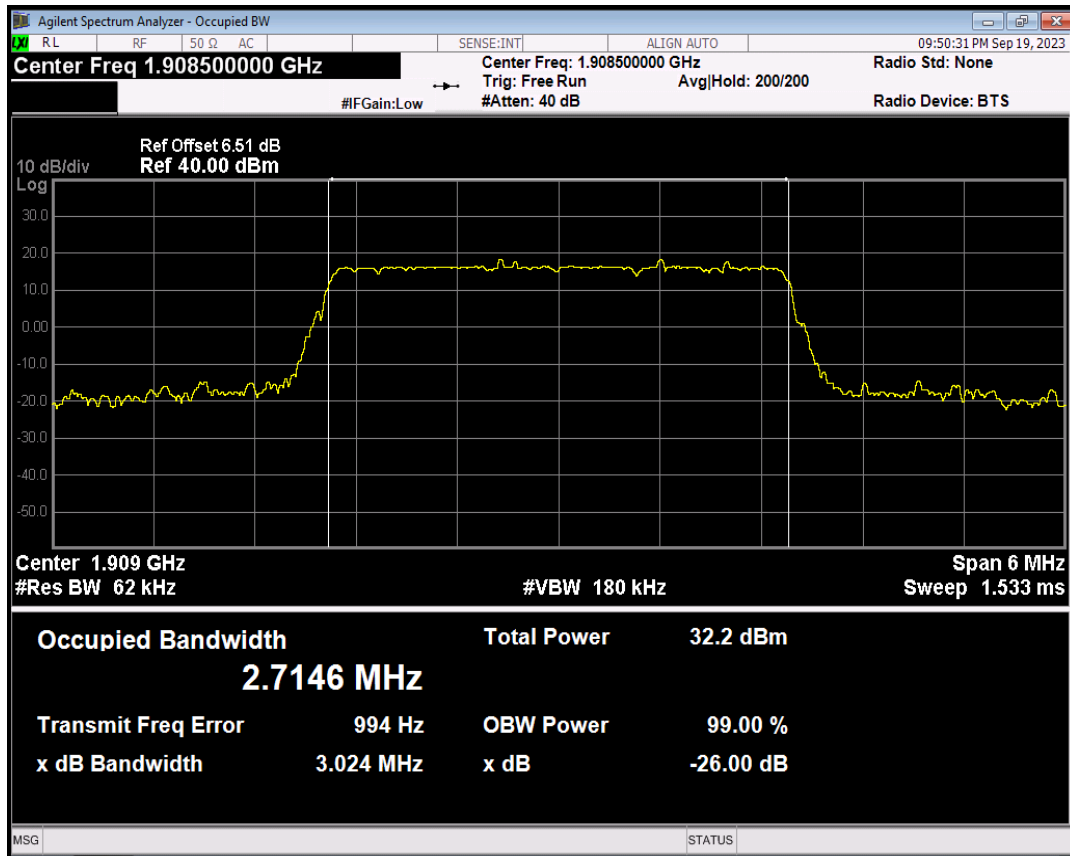
Band2 QPSK BW=3MHz Channel=18900 RB Size=15 Position=#0



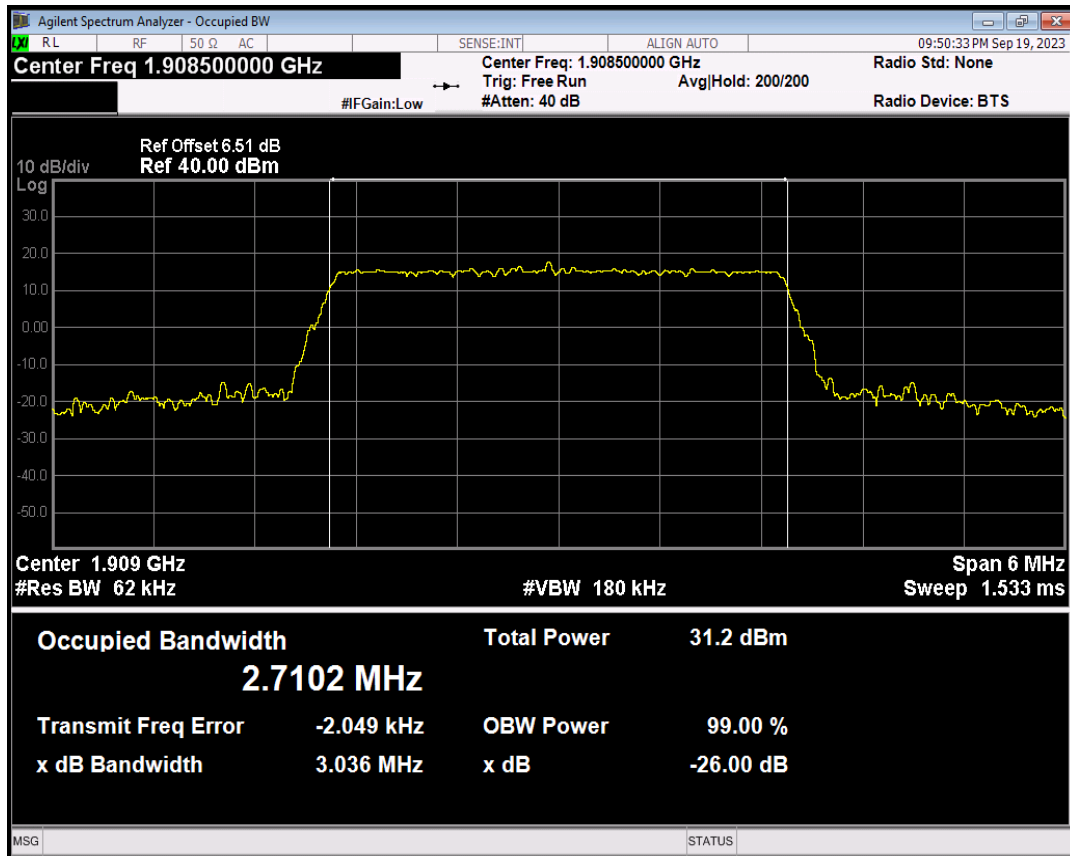
Band2 16QAM BW=3MHz Channel=18900 RB Size=15 Position=#0



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

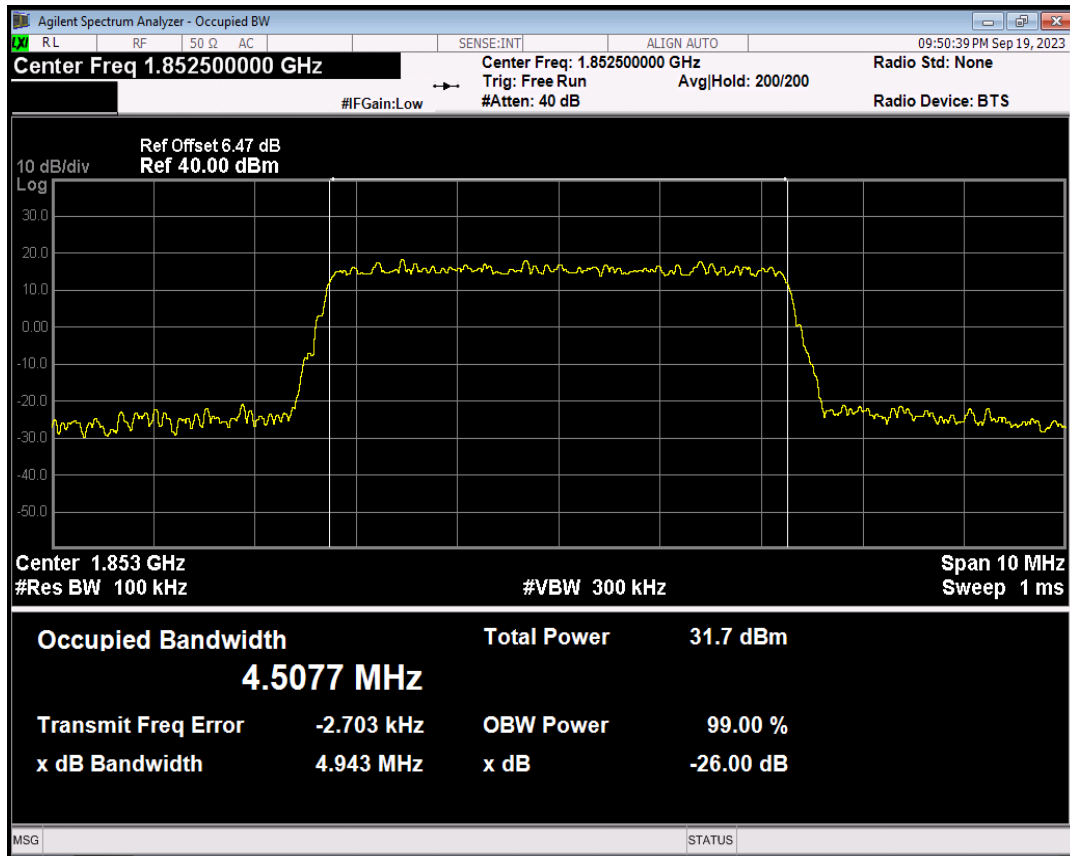


Band2 16QAM BW=3MHz Channel=19185 RB Size=15 Position=#0

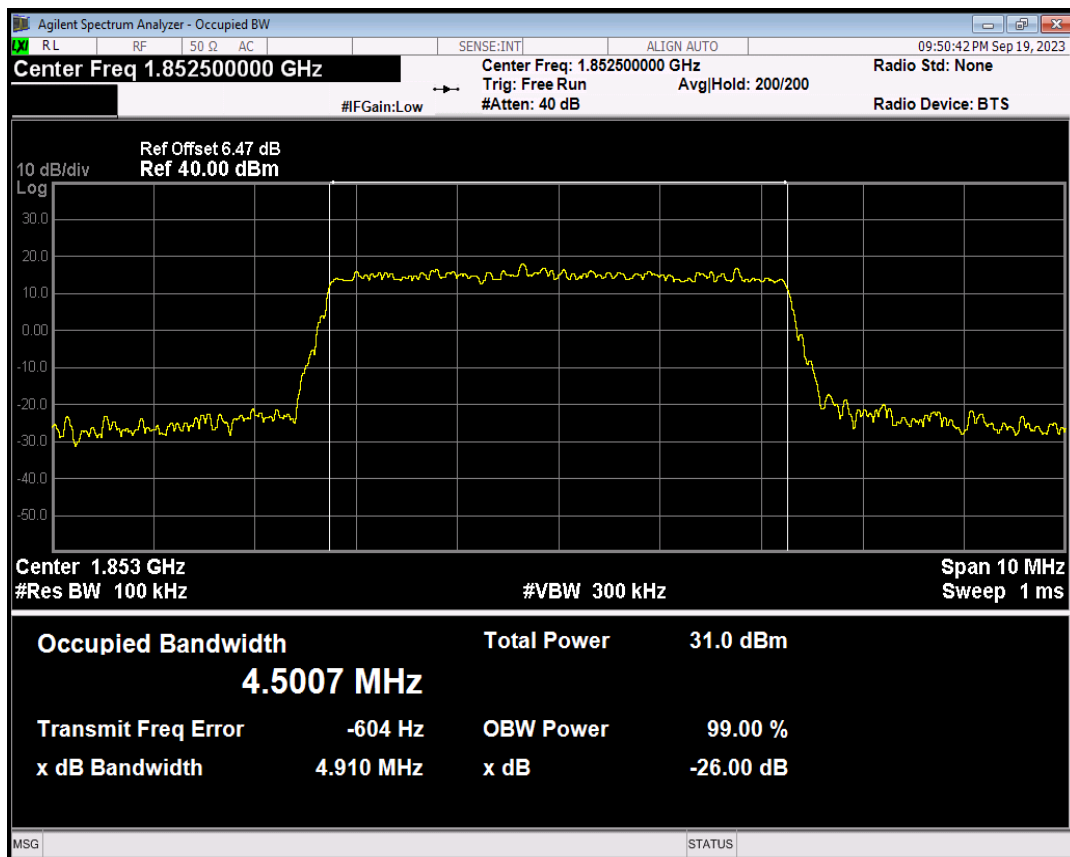




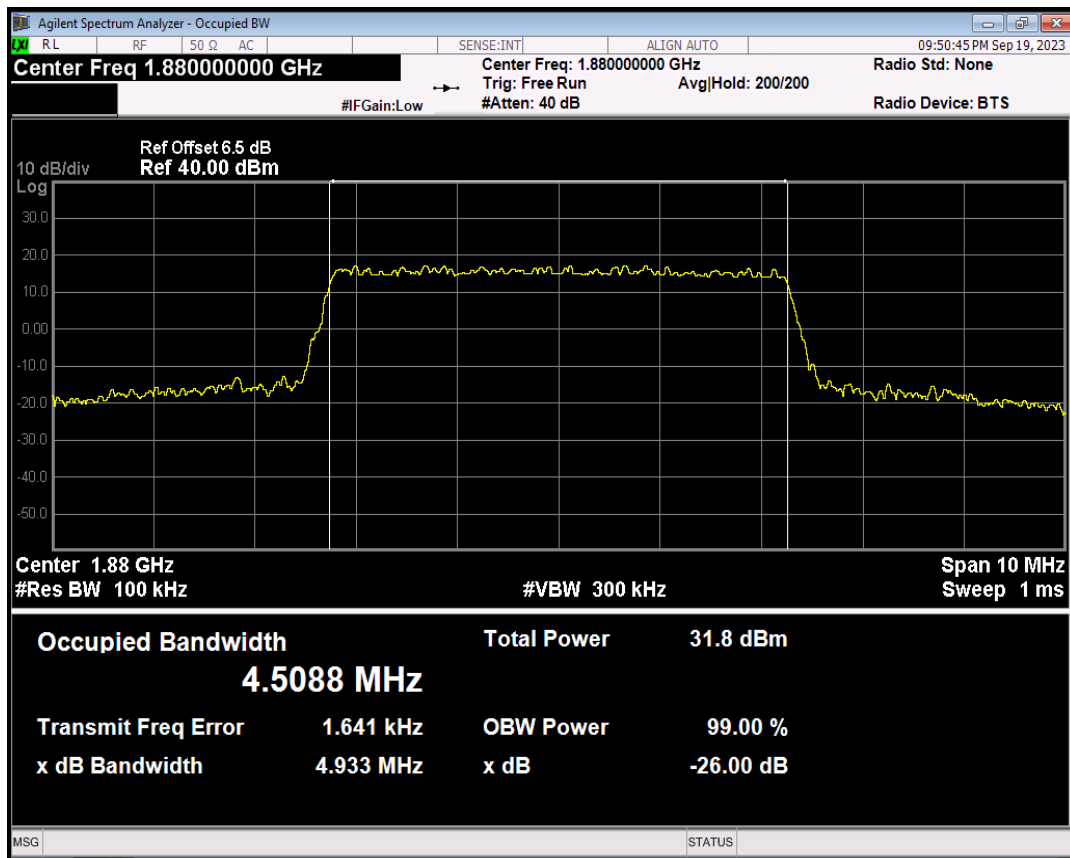
Band2 QPSK BW=5MHz Channel=18625 RB Size=25 Position=#0



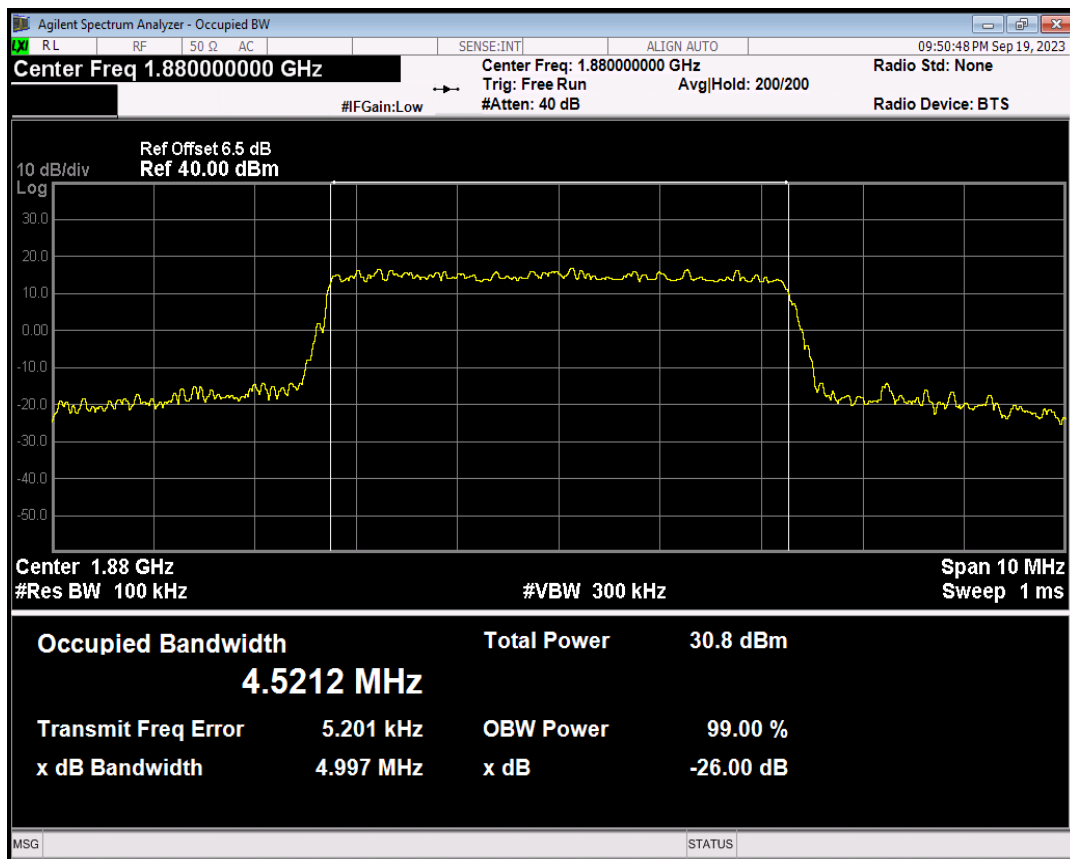
Band2 16QAM BW=5MHz Channel=18625 RB Size=25 Position=#0



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

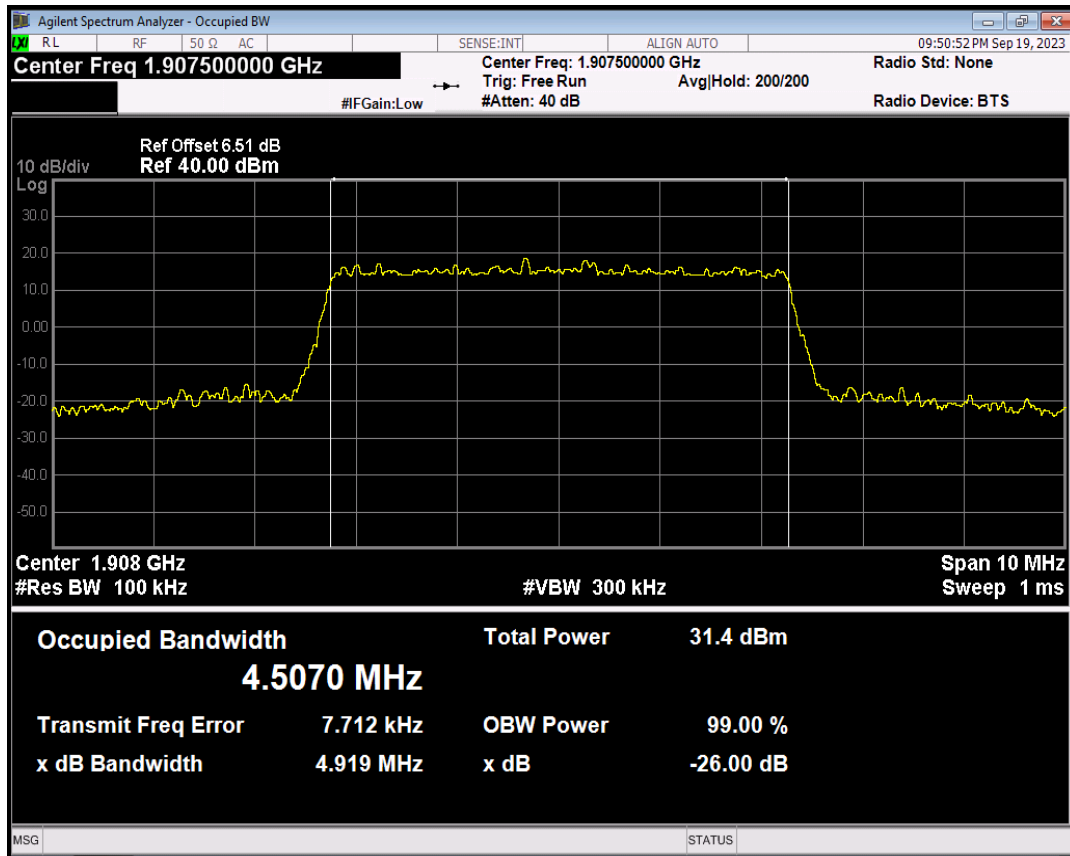


Band2 16QAM BW=5MHz Channel=18900 RB Size=25 Position=#0

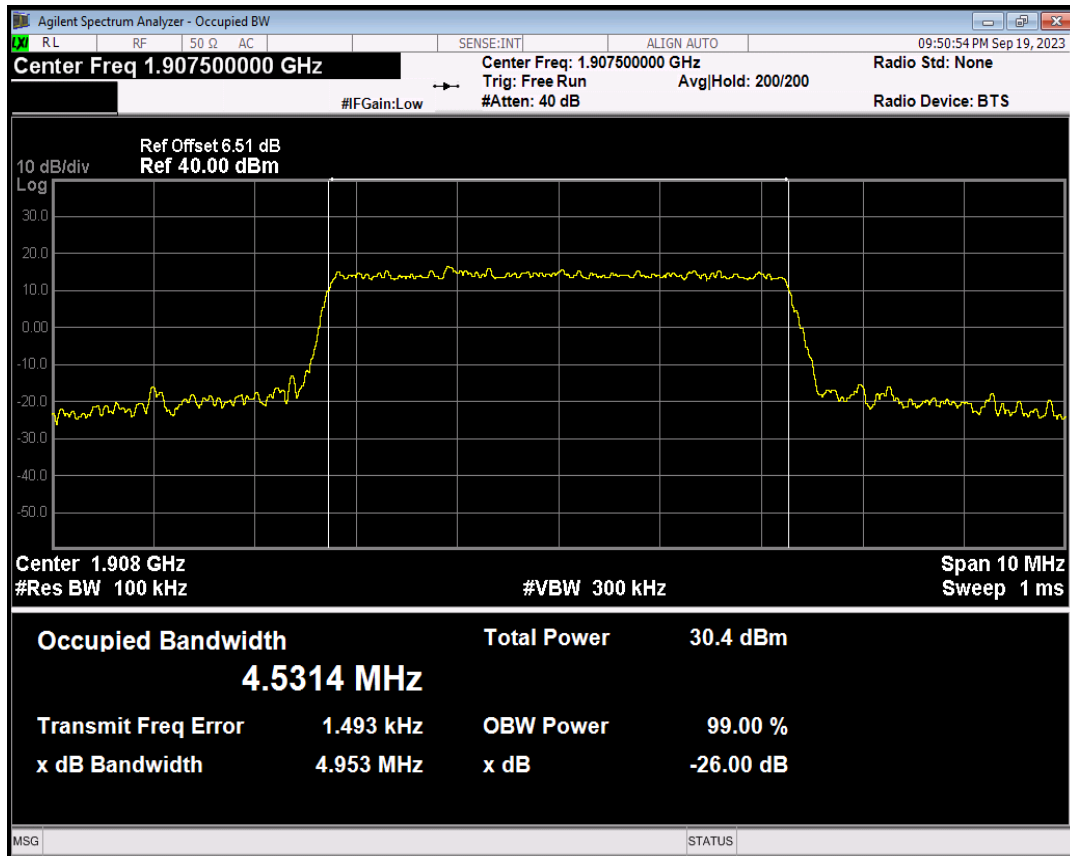




Band2 QPSK BW=5MHz Channel=19175 RB Size=25 Position=#0

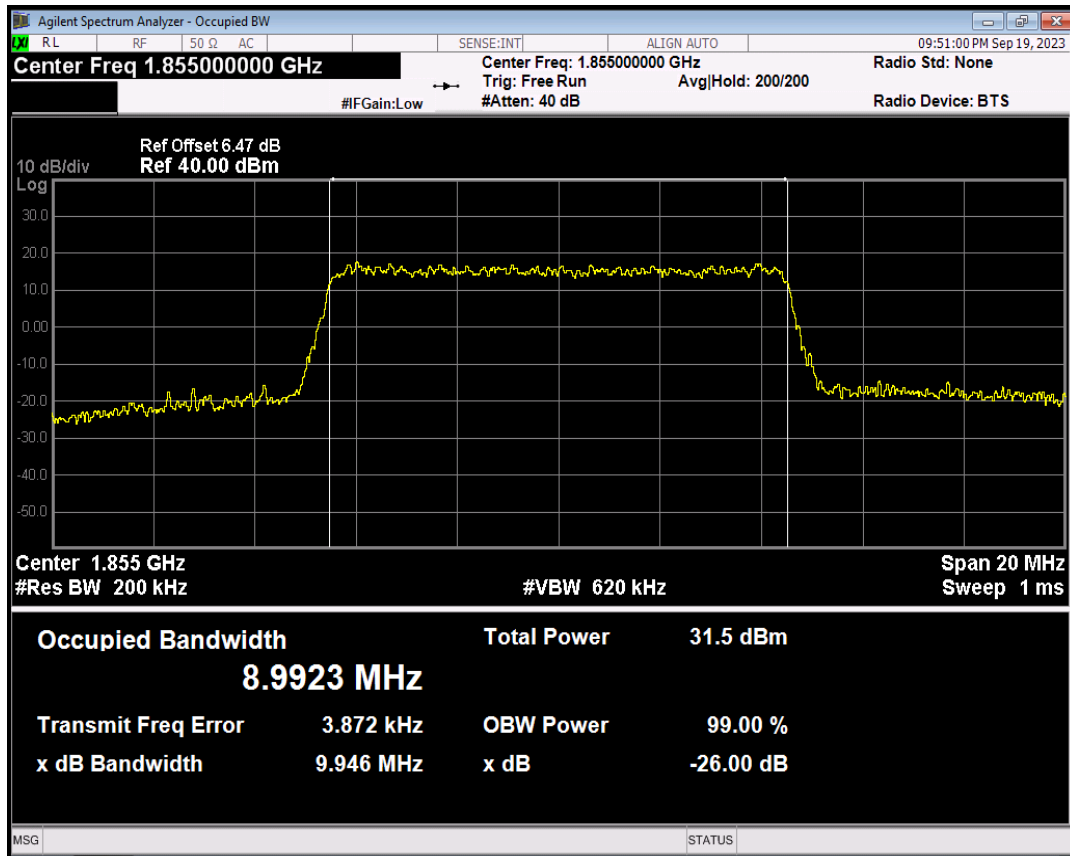


Band2 16QAM BW=5MHz Channel=19175 RB Size=25 Position=#0

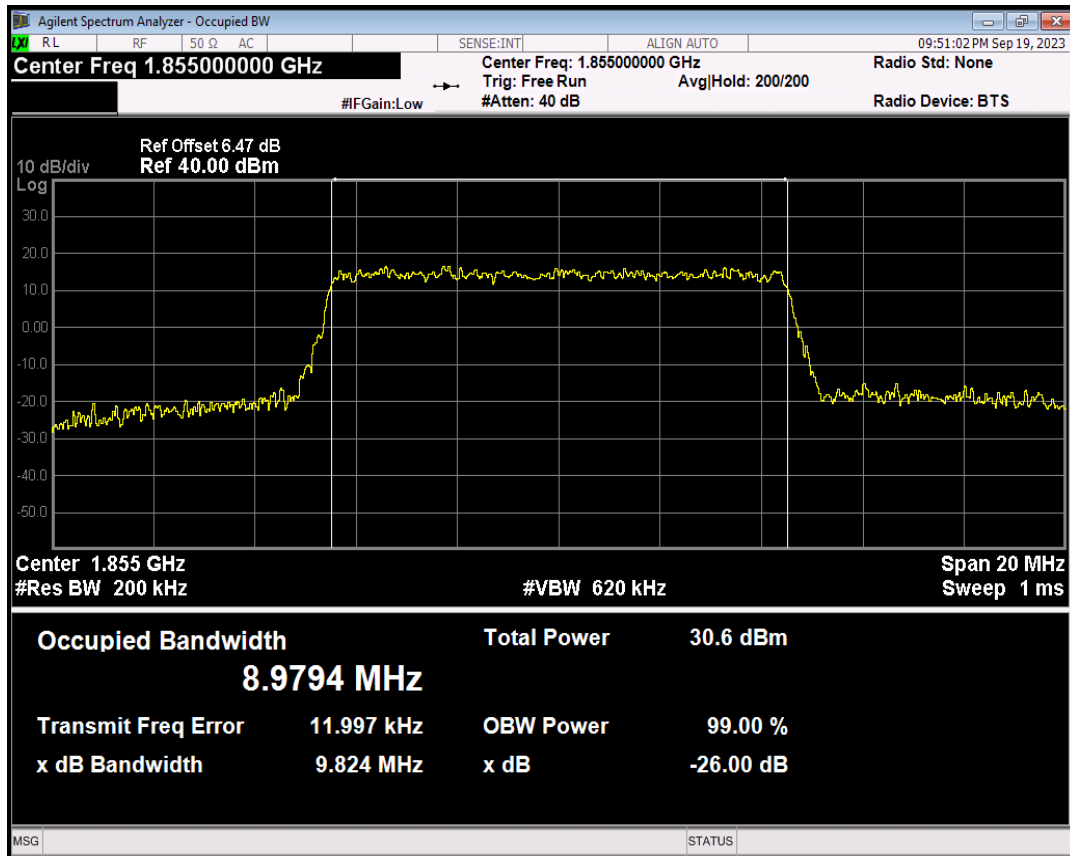




Band2 QPSK BW=10MHz Channel=18650 RB Size=50 Position=#0

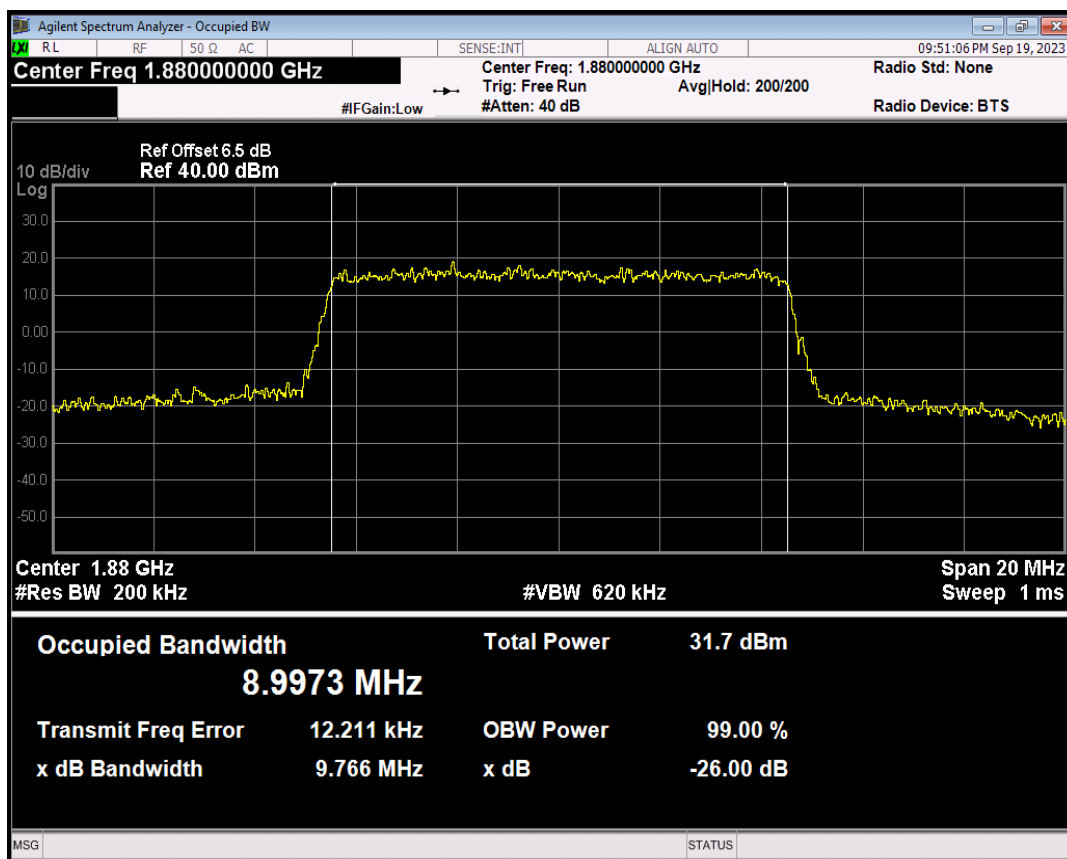


Band2 16QAM BW=10MHz Channel=18650 RB Size=50 Position=#0

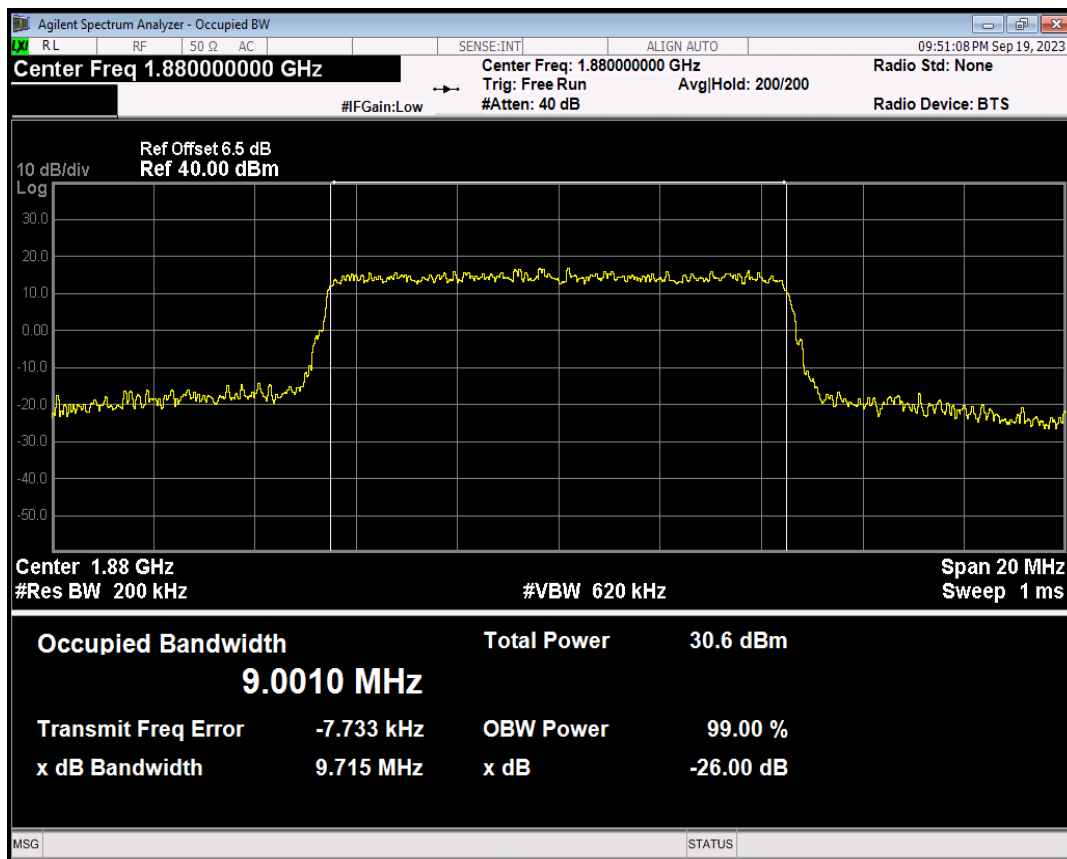




Band2 QPSK BW=10MHz Channel=18900 RB Size=50 Position=#0

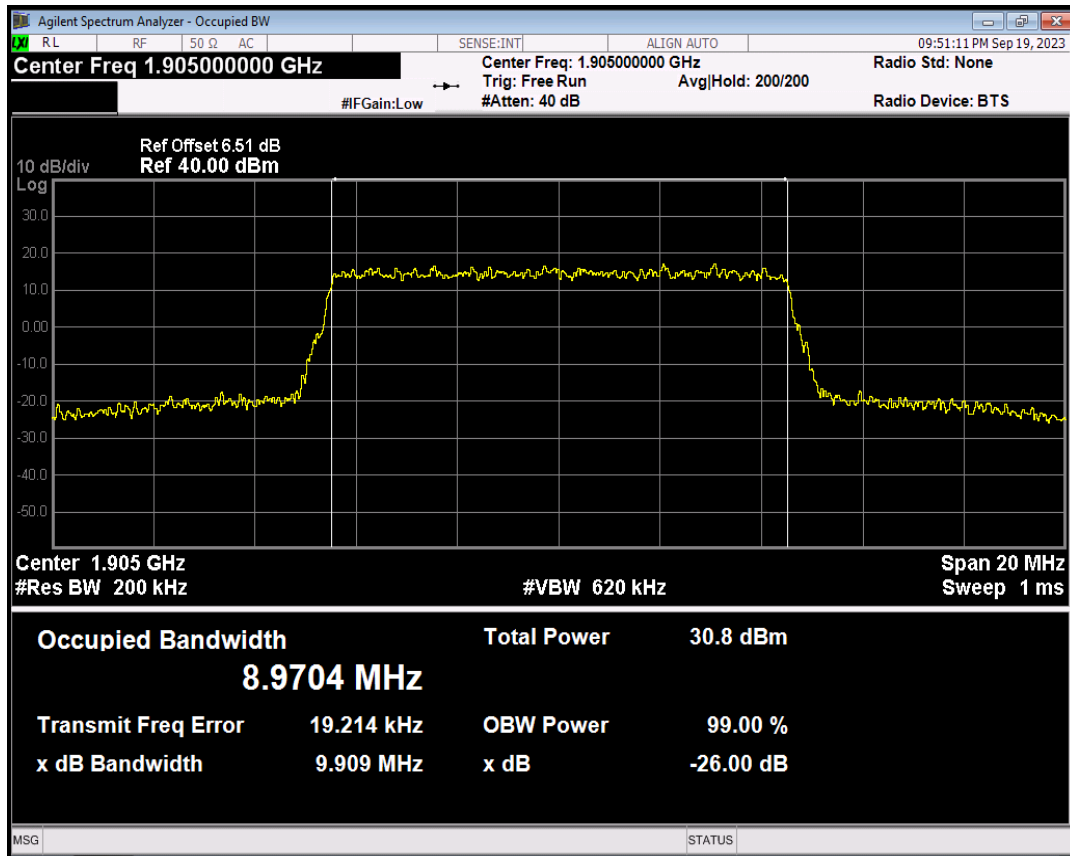


Band2 16QAM BW=10MHz Channel=18900 RB Size=50 Position=#0

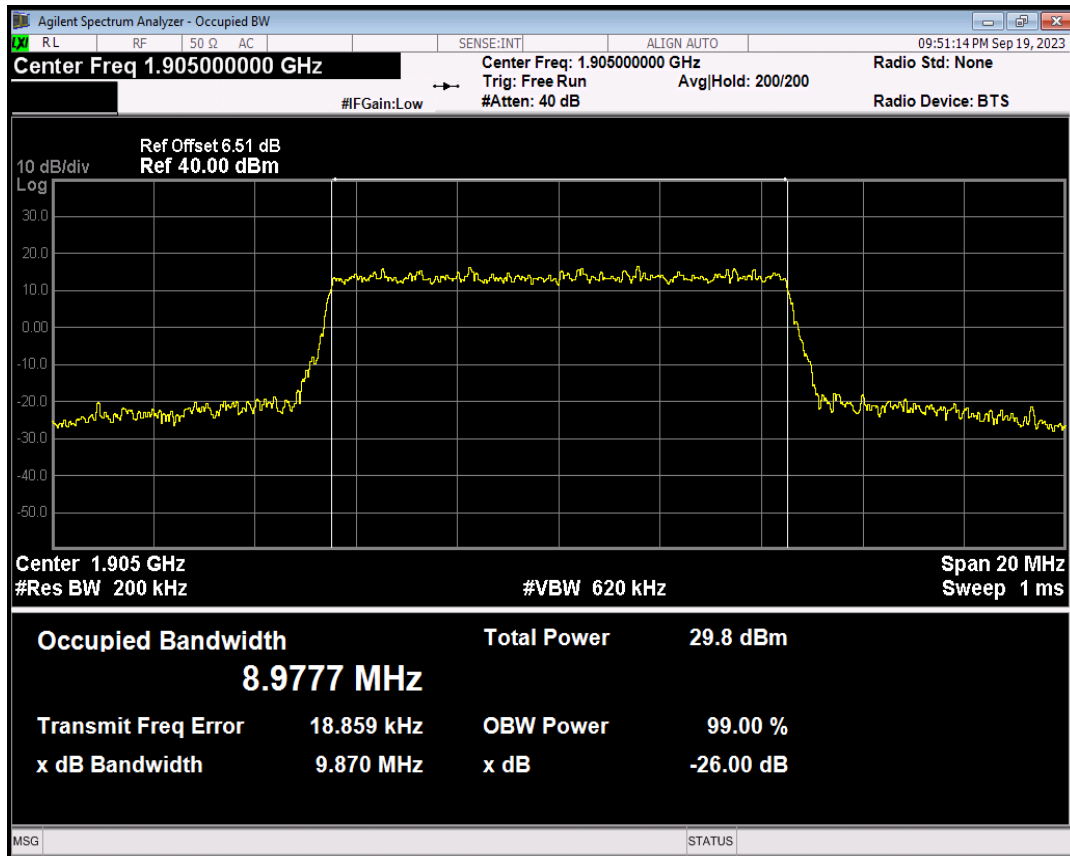




Band2 QPSK BW=10MHz Channel=19150 RB Size=50 Position=#0

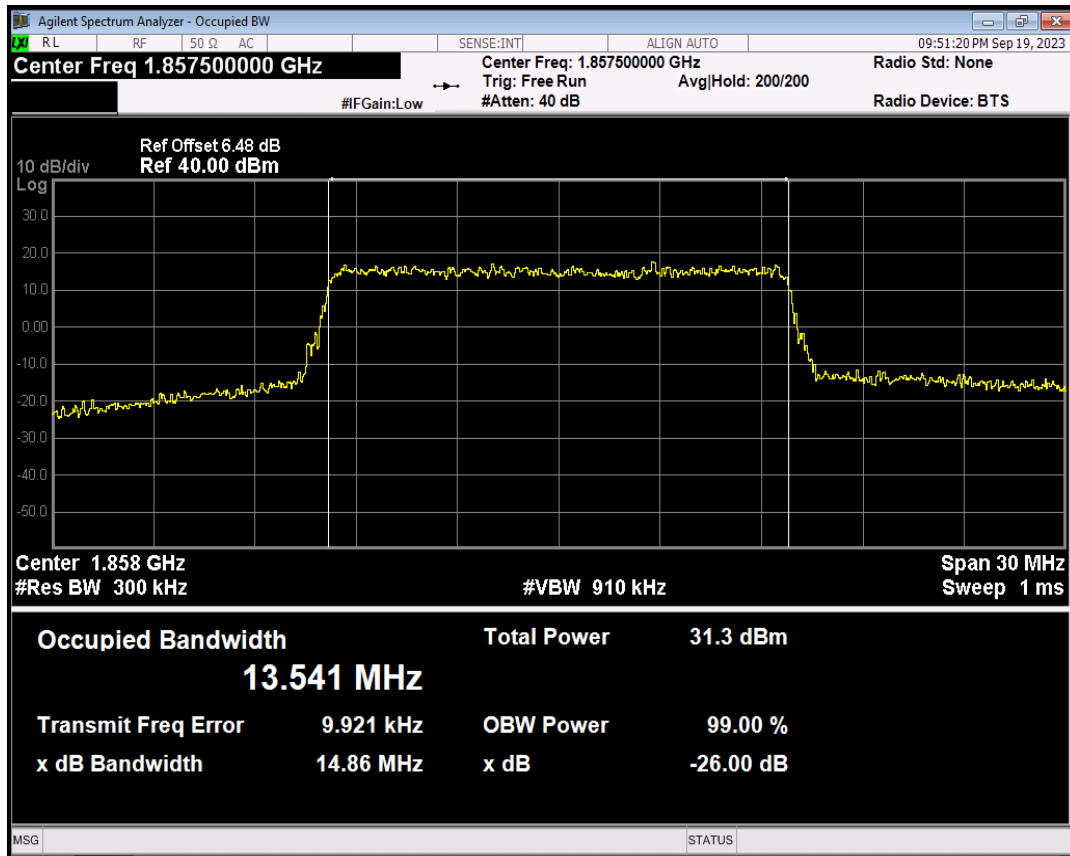


Band2 16QAM BW=10MHz Channel=19150 RB Size=50 Position=#0

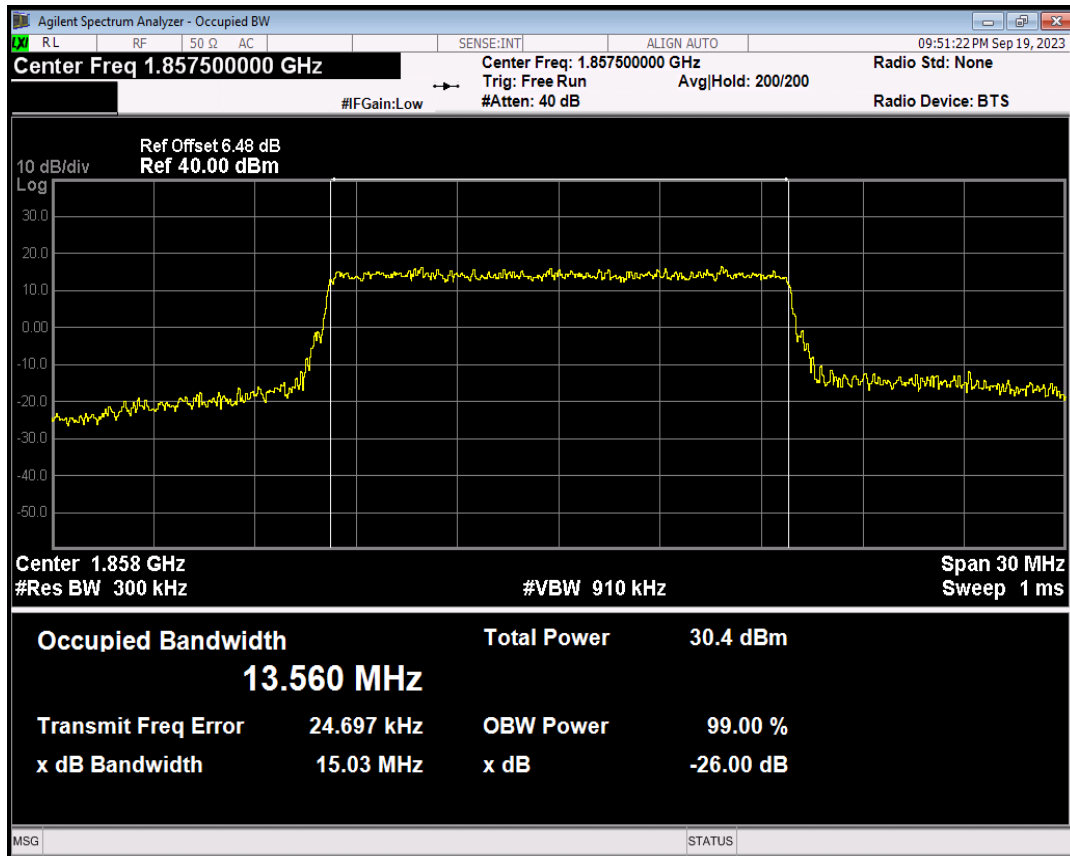




Band2 QPSK BW=15MHz Channel=18675 RB Size=75 Position=#0

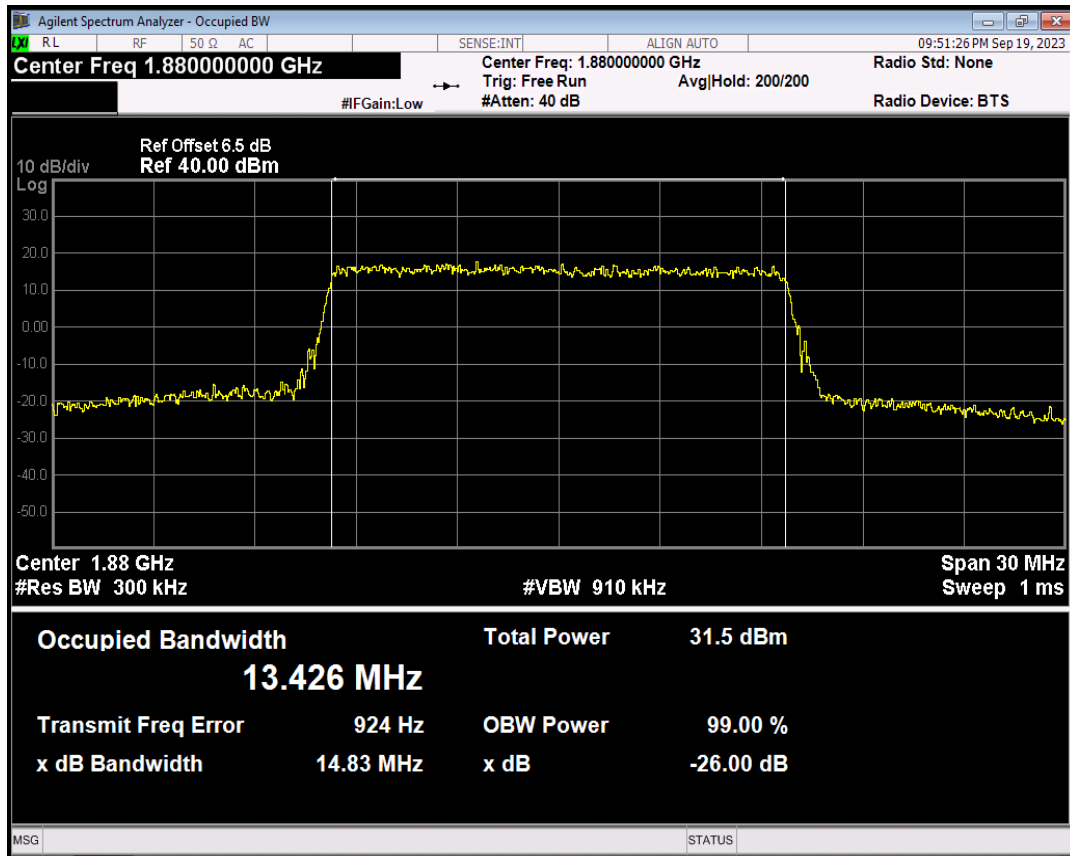


Band2 16QAM BW=15MHz Channel=18675 RB Size=75 Position=#0





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



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

