

Appendix for Band 26

Report No.: BCTC2309367965-2E

Applicant: Arize Corporation

Product Name: Smart Hub

Model/Type
reference: ASH120

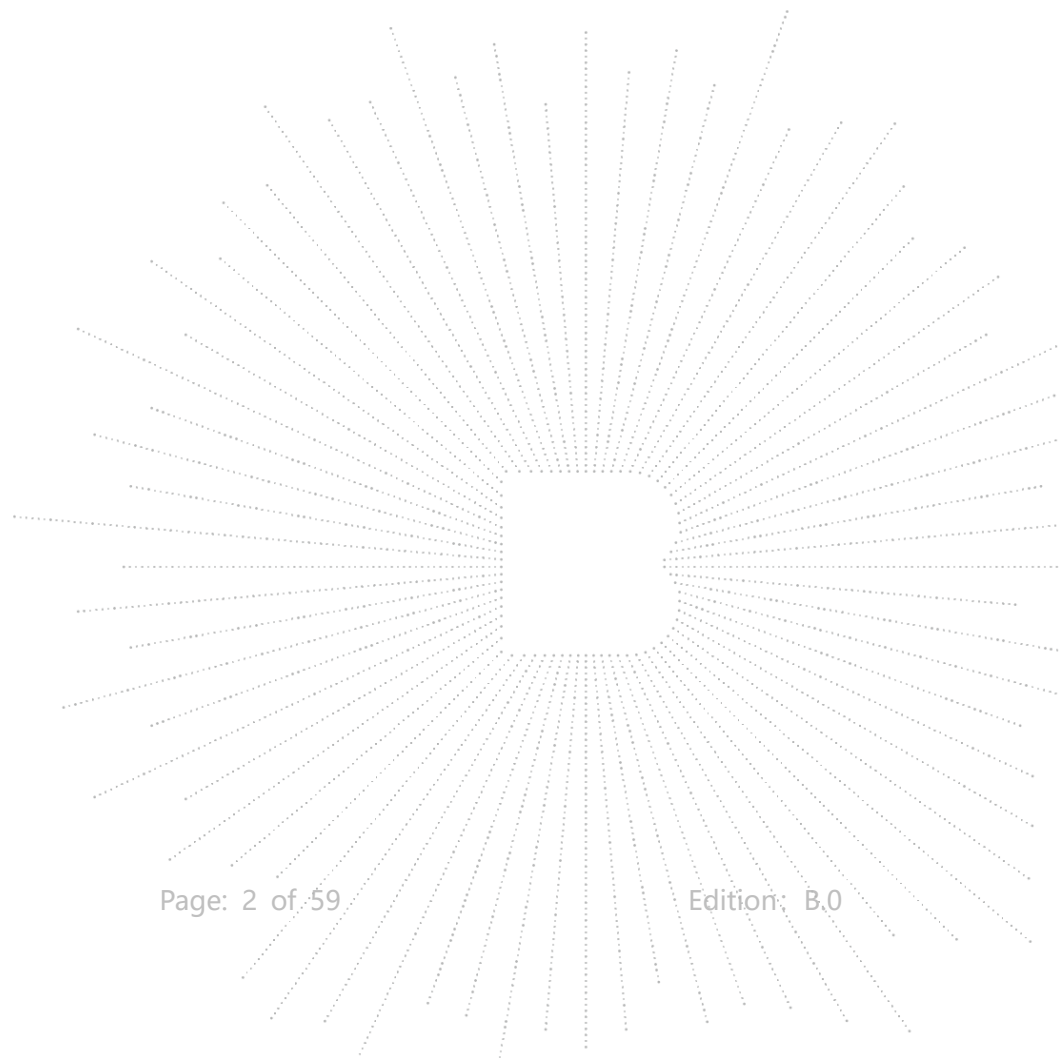
Tested Date: 2023-09-26 to 2023-11-03

Issued Date: 2023-11-03

Shenzhen BCTC Testing Co., Ltd.

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Appendix 1. Conducted output power

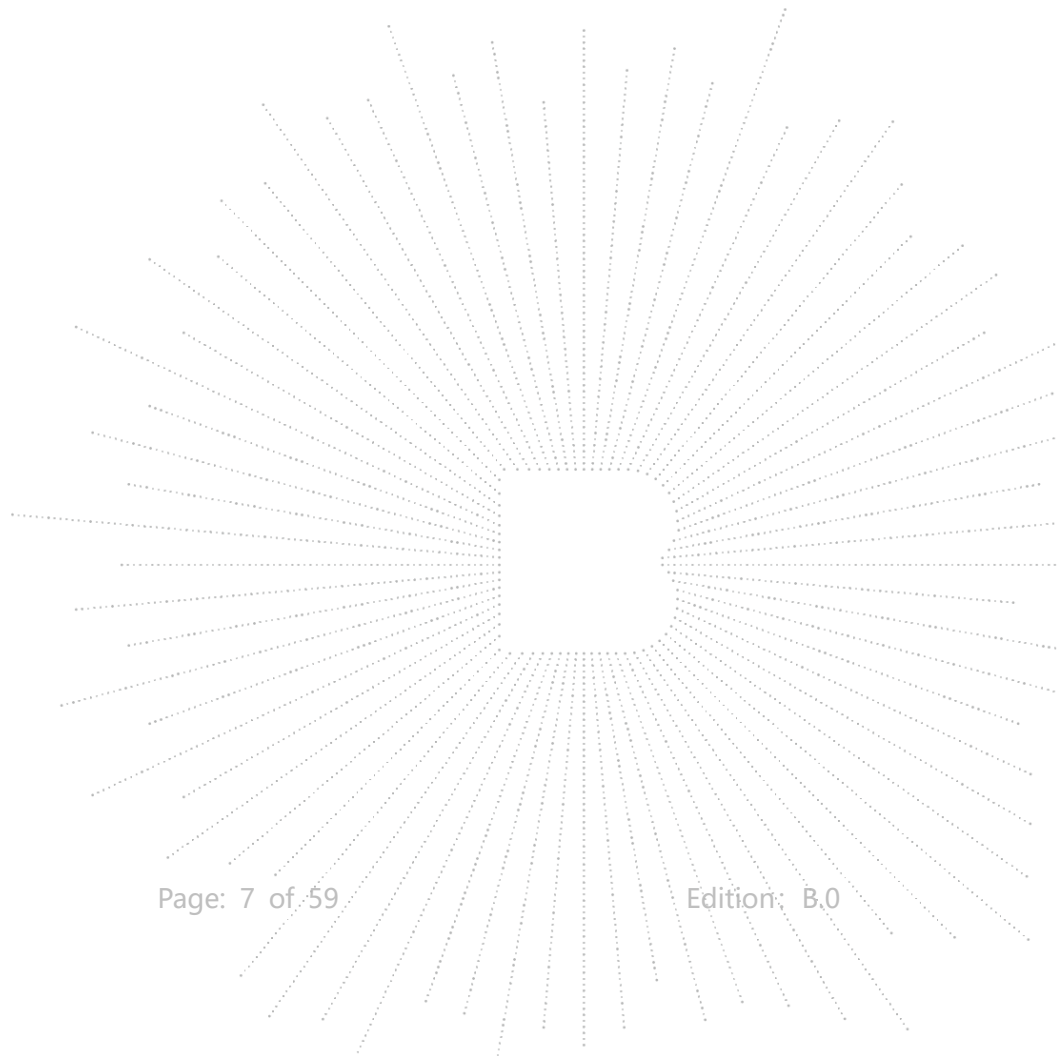
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Gain (dBm)	ERP (dBm)	Verdict
Band26(824-849)	1.4	26797	1	#0	QPSK	22.84	3.61	24.30	PASS
Band26(824-849)	1.4	26797	1	#Mid	QPSK	23.04	3.61	24.50	PASS
Band26(824-849)	1.4	26797	1	#Max	QPSK	22.83	3.61	24.29	PASS
Band26(824-849)	1.4	26797	3	#0	QPSK	22.72	3.61	24.18	PASS
Band26(824-849)	1.4	26797	3	#Mid	QPSK	22.77	3.61	24.23	PASS
Band26(824-849)	1.4	26797	3	#Max	QPSK	22.84	3.61	24.30	PASS
Band26(824-849)	1.4	26797	6	#0	QPSK	21.85	3.61	23.31	PASS
Band26(824-849)	1.4	26797	1	#0	16QAM	22.16	3.61	23.62	PASS
Band26(824-849)	1.4	26797	1	#Mid	16QAM	22.31	3.61	23.77	PASS
Band26(824-849)	1.4	26797	1	#Max	16QAM	21.77	3.61	23.23	PASS
Band26(824-849)	1.4	26797	3	#0	16QAM	22.00	3.61	23.46	PASS
Band26(824-849)	1.4	26797	3	#Mid	16QAM	21.94	3.61	23.40	PASS
Band26(824-849)	1.4	26797	3	#Max	16QAM	21.90	3.61	23.36	PASS
Band26(824-849)	1.4	26797	6	#0	16QAM	20.88	3.61	22.34	PASS
Band26(824-849)	1.4	26915	1	#0	QPSK	22.54	3.61	24.00	PASS
Band26(824-849)	1.4	26915	1	#Mid	QPSK	22.62	3.61	24.08	PASS
Band26(824-849)	1.4	26915	1	#Max	QPSK	22.59	3.61	24.05	PASS
Band26(824-849)	1.4	26915	3	#0	QPSK	22.66	3.61	24.12	PASS
Band26(824-849)	1.4	26915	3	#Mid	QPSK	22.64	3.61	24.10	PASS
Band26(824-849)	1.4	26915	3	#Max	QPSK	22.51	3.61	23.97	PASS
Band26(824-849)	1.4	26915	6	#0	QPSK	21.74	3.61	23.20	PASS
Band26(824-849)	1.4	26915	1	#0	16QAM	21.51	3.61	22.97	PASS
Band26(824-849)	1.4	26915	1	#Mid	16QAM	21.46	3.61	22.92	PASS
Band26(824-849)	1.4	26915	1	#Max	16QAM	21.39	3.61	22.85	PASS
Band26(824-849)	1.4	26915	3	#0	16QAM	21.58	3.61	23.04	PASS
Band26(824-849)	1.4	26915	3	#Mid	16QAM	21.68	3.61	23.14	PASS
Band26(824-849)	1.4	26915	3	#Max	16QAM	21.55	3.61	23.01	PASS
Band26(824-849)	1.4	26915	6	#0	16QAM	20.67	3.61	22.13	PASS
Band26(824-849)	1.4	27033	1	#0	QPSK	22.53	3.61	23.99	PASS
Band26(824-849)	1.4	27033	1	#Mid	QPSK	22.44	3.61	23.90	PASS
Band26(824-849)	1.4	27033	1	#Max	QPSK	22.28	3.61	23.74	PASS
Band26(824-849)	1.4	27033	3	#0	QPSK	22.56	3.61	24.02	PASS
Band26(824-849)	1.4	27033	3	#Mid	QPSK	22.47	3.61	23.93	PASS
Band26(824-849)	1.4	27033	3	#Max	QPSK	22.30	3.61	23.76	PASS
Band26(824-849)	1.4	27033	6	#0	QPSK	21.46	3.61	22.92	PASS
Band26(824-849)	1.4	27033	1	#0	16QAM	21.23	3.61	22.69	PASS
Band26(824-849)	1.4	27033	1	#Mid	16QAM	21.44	3.61	22.90	PASS

Band26(824-849)	1.4	27033	1	#Max	16QAM	21.27	3.61	22.73	PASS
Band26(824-849)	1.4	27033	3	#0	16QAM	21.81	3.61	23.27	PASS
Band26(824-849)	1.4	27033	3	#Mid	16QAM	21.65	3.61	23.11	PASS
Band26(824-849)	1.4	27033	3	#Max	16QAM	21.60	3.61	23.06	PASS
Band26(824-849)	1.4	27033	6	#0	16QAM	20.35	3.61	21.81	PASS
Band26(824-849)	3	26805	1	#0	QPSK	22.82	3.61	24.28	PASS
Band26(824-849)	3	26805	1	#Mid	QPSK	22.60	3.61	24.06	PASS
Band26(824-849)	3	26805	1	#Max	QPSK	22.71	3.61	24.17	PASS
Band26(824-849)	3	26805	8	#0	QPSK	21.71	3.61	23.17	PASS
Band26(824-849)	3	26805	8	#Mid	QPSK	21.87	3.61	23.33	PASS
Band26(824-849)	3	26805	8	#Max	QPSK	21.88	3.61	23.34	PASS
Band26(824-849)	3	26805	15	#0	QPSK	21.84	3.61	23.30	PASS
Band26(824-849)	3	26805	1	#0	16QAM	22.10	3.61	23.56	PASS
Band26(824-849)	3	26805	1	#Mid	16QAM	22.04	3.61	23.50	PASS
Band26(824-849)	3	26805	1	#Max	16QAM	22.15	3.61	23.61	PASS
Band26(824-849)	3	26805	8	#0	16QAM	20.54	3.61	22.00	PASS
Band26(824-849)	3	26805	8	#Mid	16QAM	20.60	3.61	22.06	PASS
Band26(824-849)	3	26805	8	#Max	16QAM	20.60	3.61	22.06	PASS
Band26(824-849)	3	26805	15	#0	16QAM	20.85	3.61	22.31	PASS
Band26(824-849)	3	26915	1	#0	QPSK	22.72	3.61	24.18	PASS
Band26(824-849)	3	26915	1	#Mid	QPSK	22.77	3.61	24.23	PASS
Band26(824-849)	3	26915	1	#Max	QPSK	22.54	3.61	24.00	PASS
Band26(824-849)	3	26915	8	#0	QPSK	21.76	3.61	23.22	PASS
Band26(824-849)	3	26915	8	#Mid	QPSK	21.57	3.61	23.03	PASS
Band26(824-849)	3	26915	8	#Max	QPSK	21.57	3.61	23.03	PASS
Band26(824-849)	3	26915	15	#0	QPSK	21.72	3.61	23.18	PASS
Band26(824-849)	3	26915	1	#0	16QAM	21.45	3.61	22.91	PASS
Band26(824-849)	3	26915	1	#Mid	16QAM	21.64	3.61	23.10	PASS
Band26(824-849)	3	26915	1	#Max	16QAM	21.32	3.61	22.78	PASS
Band26(824-849)	3	26915	8	#0	16QAM	20.73	3.61	22.19	PASS
Band26(824-849)	3	26915	8	#Mid	16QAM	20.76	3.61	22.22	PASS
Band26(824-849)	3	26915	8	#Max	16QAM	20.54	3.61	22.00	PASS
Band26(824-849)	3	26915	15	#0	16QAM	20.55	3.61	22.01	PASS
Band26(824-849)	3	27025	1	#0	QPSK	22.64	3.61	24.10	PASS
Band26(824-849)	3	27025	1	#Mid	QPSK	22.49	3.61	23.95	PASS
Band26(824-849)	3	27025	1	#Max	QPSK	22.40	3.61	23.86	PASS
Band26(824-849)	3	27025	8	#0	QPSK	21.67	3.61	23.13	PASS
Band26(824-849)	3	27025	8	#Mid	QPSK	21.59	3.61	23.05	PASS
Band26(824-849)	3	27025	8	#Max	QPSK	21.47	3.61	22.93	PASS
Band26(824-849)	3	27025	15	#0	QPSK	21.60	3.61	23.06	PASS
Band26(824-849)	3	27025	1	#0	16QAM	21.57	3.61	23.03	PASS
Band26(824-849)	3	27025	1	#Mid	16QAM	21.42	3.61	22.88	PASS

Band26(824-849)	3	27025	1	#Max	16QAM	21.07	3.61	22.53	PASS
Band26(824-849)	3	27025	8	#0	16QAM	20.87	3.61	22.33	PASS
Band26(824-849)	3	27025	8	#Mid	16QAM	20.61	3.61	22.07	PASS
Band26(824-849)	3	27025	8	#Max	16QAM	20.13	3.61	21.59	PASS
Band26(824-849)	3	27025	15	#0	16QAM	20.57	3.61	22.03	PASS
Band26(824-849)	5	26815	1	#0	QPSK	22.54	3.61	24.00	PASS
Band26(824-849)	5	26815	1	#Mid	QPSK	23.01	3.61	24.47	PASS
Band26(824-849)	5	26815	1	#Max	QPSK	22.74	3.61	24.20	PASS
Band26(824-849)	5	26815	12	#0	QPSK	21.72	3.61	23.18	PASS
Band26(824-849)	5	26815	12	#Mid	QPSK	21.86	3.61	23.32	PASS
Band26(824-849)	5	26815	12	#Max	QPSK	21.84	3.61	23.30	PASS
Band26(824-849)	5	26815	25	#0	QPSK	21.84	3.61	23.30	PASS
Band26(824-849)	5	26815	1	#0	16QAM	21.88	3.61	23.34	PASS
Band26(824-849)	5	26815	1	#Mid	16QAM	22.14	3.61	23.60	PASS
Band26(824-849)	5	26815	1	#Max	16QAM	21.97	3.61	23.43	PASS
Band26(824-849)	5	26815	12	#0	16QAM	20.61	3.61	22.07	PASS
Band26(824-849)	5	26815	12	#Mid	16QAM	20.95	3.61	22.41	PASS
Band26(824-849)	5	26815	12	#Max	16QAM	20.93	3.61	22.39	PASS
Band26(824-849)	5	26815	25	#0	16QAM	20.76	3.61	22.22	PASS
Band26(824-849)	5	26915	1	#0	QPSK	22.53	3.61	23.99	PASS
Band26(824-849)	5	26915	1	#Mid	QPSK	22.54	3.61	24.00	PASS
Band26(824-849)	5	26915	1	#Max	QPSK	22.47	3.61	23.93	PASS
Band26(824-849)	5	26915	12	#0	QPSK	21.83	3.61	23.29	PASS
Band26(824-849)	5	26915	12	#Mid	QPSK	21.68	3.61	23.14	PASS
Band26(824-849)	5	26915	12	#Max	QPSK	21.60	3.61	23.06	PASS
Band26(824-849)	5	26915	25	#0	QPSK	21.69	3.61	23.15	PASS
Band26(824-849)	5	26915	1	#0	16QAM	21.60	3.61	23.06	PASS
Band26(824-849)	5	26915	1	#Mid	16QAM	21.16	3.61	22.62	PASS
Band26(824-849)	5	26915	1	#Max	16QAM	21.13	3.61	22.59	PASS
Band26(824-849)	5	26915	12	#0	16QAM	20.67	3.61	22.13	PASS
Band26(824-849)	5	26915	12	#Mid	16QAM	20.43	3.61	21.89	PASS
Band26(824-849)	5	26915	12	#Max	16QAM	20.36	3.61	21.82	PASS
Band26(824-849)	5	26915	25	#0	16QAM	20.58	3.61	22.04	PASS
Band26(824-849)	5	27015	1	#0	QPSK	22.47	3.61	23.93	PASS
Band26(824-849)	5	27015	1	#Mid	QPSK	22.69	3.61	24.15	PASS
Band26(824-849)	5	27015	1	#Max	QPSK	22.13	3.61	23.59	PASS
Band26(824-849)	5	27015	12	#0	QPSK	21.56	3.61	23.02	PASS
Band26(824-849)	5	27015	12	#Mid	QPSK	21.58	3.61	23.04	PASS
Band26(824-849)	5	27015	12	#Max	QPSK	21.43	3.61	22.89	PASS
Band26(824-849)	5	27015	25	#0	QPSK	21.53	3.61	22.99	PASS
Band26(824-849)	5	27015	1	#0	16QAM	21.48	3.61	22.94	PASS
Band26(824-849)	5	27015	1	#Mid	16QAM	21.45	3.61	22.91	PASS

Band26(824-849)	5	27015	1	#Max	16QAM	20.81	3.61	22.27	PASS
Band26(824-849)	5	27015	12	#0	16QAM	20.58	3.61	22.04	PASS
Band26(824-849)	5	27015	12	#Mid	16QAM	20.42	3.61	21.88	PASS
Band26(824-849)	5	27015	12	#Max	16QAM	20.35	3.61	21.81	PASS
Band26(824-849)	5	27015	25	#0	16QAM	20.50	3.61	21.96	PASS
Band26(824-849)	10	26840	1	#0	QPSK	22.69	3.61	24.15	PASS
Band26(824-849)	10	26840	1	#Mid	QPSK	22.90	3.61	24.36	PASS
Band26(824-849)	10	26840	1	#Max	QPSK	22.85	3.61	24.31	PASS
Band26(824-849)	10	26840	25	#0	QPSK	21.74	3.61	23.20	PASS
Band26(824-849)	10	26840	25	#Mid	QPSK	21.95	3.61	23.41	PASS
Band26(824-849)	10	26840	25	#Max	QPSK	21.90	3.61	23.36	PASS
Band26(824-849)	10	26840	50	#0	QPSK	21.84	3.61	23.30	PASS
Band26(824-849)	10	26915	1	#0	QPSK	22.67	3.61	24.13	PASS
Band26(824-849)	10	26915	1	#Mid	QPSK	22.54	3.61	26.15	PASS
Band26(824-849)	10	26915	1	#Max	QPSK	22.37	3.61	23.83	PASS
Band26(824-849)	10	26915	25	#0	QPSK	21.75	3.61	23.21	PASS
Band26(824-849)	10	26915	25	#Mid	QPSK	21.68	3.61	23.14	PASS
Band26(824-849)	10	26915	25	#Max	QPSK	21.44	3.61	22.90	PASS
Band26(824-849)	10	26915	50	#0	QPSK	21.72	3.61	23.18	PASS
Band26(824-849)	10	26990	1	#0	QPSK	22.52	3.61	23.98	PASS
Band26(824-849)	10	26990	1	#Mid	QPSK	22.85	3.61	24.31	PASS
Band26(824-849)	10	26990	1	#Max	QPSK	22.44	3.61	23.90	PASS
Band26(824-849)	10	26990	25	#0	QPSK	21.39	3.61	22.85	PASS
Band26(824-849)	10	26990	25	#Mid	QPSK	21.66	3.61	23.12	PASS
Band26(824-849)	10	26990	25	#Max	QPSK	21.48	3.61	22.94	PASS
Band26(824-849)	10	26990	50	#0	QPSK	21.48	3.61	22.94	PASS
Band26(824-849)	15	26865	1	#0	QPSK	22.82	3.61	24.28	PASS
Band26(824-849)	15	26865	1	#Mid	QPSK	23.12	3.61	24.58	PASS
Band26(824-849)	15	26865	1	#Max	QPSK	22.51	3.61	23.97	PASS
Band26(824-849)	15	26865	36	#0	QPSK	21.81	3.61	23.27	PASS
Band26(824-849)	15	26865	36	#Mid	QPSK	21.85	3.61	23.31	PASS
Band26(824-849)	15	26865	36	#Max	QPSK	21.79	3.61	23.25	PASS
Band26(824-849)	15	26915	1	#0	QPSK	22.78	3.61	24.24	PASS
Band26(824-849)	15	26915	1	#Mid	QPSK	22.75	3.61	24.21	PASS
Band26(824-849)	15	26915	1	#Max	QPSK	22.56	3.61	24.02	PASS
Band26(824-849)	15	26915	36	#0	QPSK	21.88	3.61	23.34	PASS
Band26(824-849)	15	26915	36	#Mid	QPSK	21.66	3.61	23.12	PASS
Band26(824-849)	15	26915	36	#Max	QPSK	21.45	3.61	22.91	PASS
Band26(824-849)	15	26965	1	#0	QPSK	22.78	3.61	24.24	PASS
Band26(824-849)	15	26965	1	#Mid	QPSK	22.28	3.61	23.74	PASS
Band26(824-849)	15	26965	1	#Max	QPSK	22.34	3.61	23.80	PASS
Band26(824-849)	15	26965	36	#0	QPSK	21.56	3.61	23.02	PASS

Band26(824-849)	15	26965	36	#Mid	QPSK	21.55	3.61	23.01	PASS
Band26(824-849)	15	26965	36	#Max	QPSK	21.63	3.61	23.09	PASS



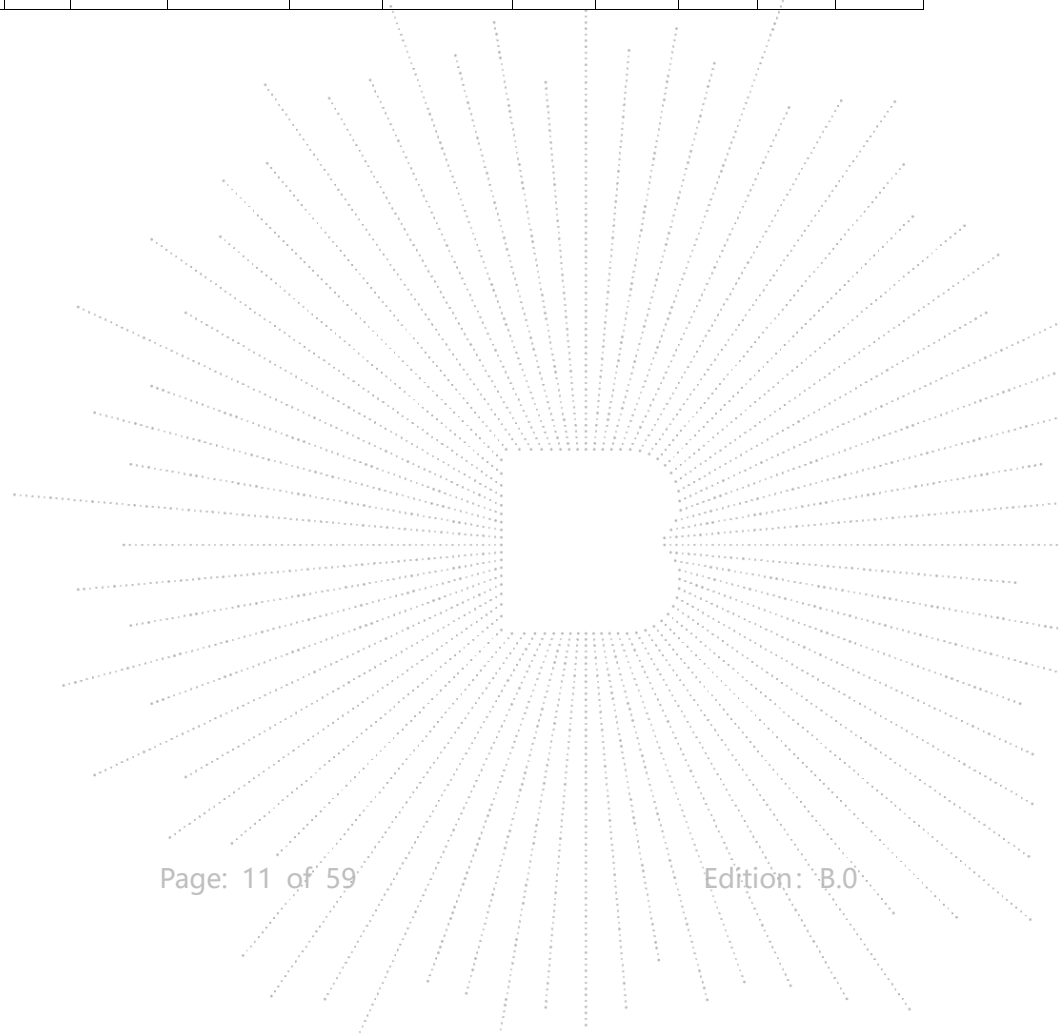
Appendix 2. Frequency stability

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Voltage (Vdc)	Temperature (C)	Residual (Hz)	Residual (ppm)	Low Limit (ppm)	High Limit (ppm)	Verdict
Band26(824-849)	1.4	26797	6	#0	QPSK	LV	NT	-0.53	-0.001	-2.5	2.5	PASS
Band26(824-849)	1.4	26797	6	#0	QPSK	NV	NT	-2.26	-0.003	-2.5	2.5	PASS
Band26(824-849)	1.4	26797	6	#0	QPSK	HV	NT	-1.96	-0.002	-2.5	2.5	PASS
Band26(824-849)	1.4	26797	6	#0	16QAM	LV	NT	-1.59	-0.002	-2.5	2.5	PASS
Band26(824-849)	1.4	26797	6	#0	16QAM	NV	NT	-1.96	-0.002	-2.5	2.5	PASS
Band26(824-849)	1.4	26797	6	#0	16QAM	HV	NT	-1.50	-0.002	-2.5	2.5	PASS
Band26(824-849)	1.4	26915	6	#0	QPSK	LV	NT	-0.74	-0.001	-2.5	2.5	PASS
Band26(824-849)	1.4	26915	6	#0	QPSK	NV	NT	-1.39	-0.002	-2.5	2.5	PASS
Band26(824-849)	1.4	26915	6	#0	QPSK	HV	NT	-1.46	-0.002	-2.5	2.5	PASS
Band26(824-849)	1.4	26915	6	#0	16QAM	LV	NT	-1.12	-0.001	-2.5	2.5	PASS
Band26(824-849)	1.4	26915	6	#0	16QAM	NV	NT	-0.92	-0.001	-2.5	2.5	PASS
Band26(824-849)	1.4	26915	6	#0	16QAM	HV	NT	-1.53	-0.002	-2.5	2.5	PASS
Band26(824-849)	1.4	27033	6	#0	QPSK	LV	NT	-1.23	-0.001	-2.5	2.5	PASS
Band26(824-849)	1.4	27033	6	#0	QPSK	NV	NT	-0.79	-0.001	-2.5	2.5	PASS
Band26(824-849)	1.4	27033	6	#0	QPSK	HV	NT	-0.46	-0.001	-2.5	2.5	PASS
Band26(824-849)	1.4	27033	6	#0	16QAM	LV	NT	-0.96	-0.001	-2.5	2.5	PASS
Band26(824-849)	1.4	27033	6	#0	16QAM	NV	NT	-1.22	-0.001	-2.5	2.5	PASS
Band26(824-849)	1.4	27033	6	#0	16QAM	HV	NT	-0.90	-0.00	-2.5	2.5	PASS

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Band26(824-849)	3	26805	15	#0	QPSK	LV	NT	0.51	0.001	-2.5	2.5	PASS
Band26(824-849)	3	26805	15	#0	QPSK	NV	NT	-0.31	0.000	-2.5	2.5	PASS
Band26(824-849)	3	26805	15	#0	QPSK	HV	NT	-1.33	-0.002	-2.5	2.5	PASS
Band26(824-849)	3	26805	15	#0	16QAM	LV	NT	-0.62	-0.001	-2.5	2.5	PASS
Band26(824-849)	3	26805	15	#0	16QAM	NV	NT	-0.50	-0.001	-2.5	2.5	PASS
Band26(824-849)	3	26805	15	#0	16QAM	HV	NT	-1.29	-0.002	-2.5	2.5	PASS
Band26(824-849)	3	26915	15	#0	QPSK	LV	NT	-0.14	0.000	-2.5	2.5	PASS
Band26(824-849)	3	26915	15	#0	QPSK	NV	NT	-1.47	-0.002	-2.5	2.5	PASS
Band26(824-849)	3	26915	15	#0	QPSK	HV	NT	-1.16	-0.001	-2.5	2.5	PASS
Band26(824-849)	3	26915	15	#0	16QAM	LV	NT	-0.31	0.000	-2.5	2.5	PASS
Band26(824-849)	3	26915	15	#0	16QAM	NV	NT	-1.27	-0.002	-2.5	2.5	PASS
Band26(824-849)	3	26915	15	#0	16QAM	HV	NT	-0.43	-0.001	-2.5	2.5	PASS
Band26(824-849)	3	27025	15	#0	QPSK	LV	NT	-2.25	-0.003	-2.5	2.5	PASS
Band26(824-849)	3	27025	15	#0	QPSK	NV	NT	-1.87	-0.002	-2.5	2.5	PASS
Band26(824-849)	3	27025	15	#0	QPSK	HV	NT	-2.69	-0.003	-2.5	2.5	PASS
Band26(824-849)	3	27025	15	#0	16QAM	LV	NT	-2.26	-0.003	-2.5	2.5	PASS
Band26(824-849)	3	27025	15	#0	16QAM	NV	NT	-2.16	-0.003	-2.5	2.5	PASS
Band26(824-849)	3	27025	15	#0	16QAM	HV	NT	-1.39	-0.002	-2.5	2.5	PASS
Band26(824-849)	5	26815	25	#0	QPSK	LV	NT	-1.40	-0.002	-2.5	2.5	PASS
Band26(824-849)	5	26815	25	#0	QPSK	NV	NT	-1.47	-0.002	-2.5	2.5	PASS
Band26(824-849)	5	26815	25	#0	QPSK	HV	NT	-1.72	-0.002	-2.5	2.5	PASS

Band26(824-849)	5	26815	25	#0	16QAM	LV	NT	-1.50	-0.00 2	-2.5	2.5	PASS
Band26(824-849)	5	26815	25	#0	16QAM	NV	NT	-1.87	-0.00 2	-2.5	2.5	PASS
Band26(824-849)	5	26815	25	#0	16QAM	HV	NT	-1.65	-0.00 2	-2.5	2.5	PASS
Band26(824-849)	5	26915	25	#0	QPSK	LV	NT	-0.17	0.000	-2.5	2.5	PASS
Band26(824-849)	5	26915	25	#0	QPSK	NV	NT	-0.62	-0.00 1	-2.5	2.5	PASS
Band26(824-849)	5	26915	25	#0	QPSK	HV	NT	-0.93	-0.00 1	-2.5	2.5	PASS
Band26(824-849)	5	26915	25	#0	16QAM	LV	NT	-1.67	-0.00 2	-2.5	2.5	PASS
Band26(824-849)	5	26915	25	#0	16QAM	NV	NT	-1.65	-0.00 2	-2.5	2.5	PASS
Band26(824-849)	5	26915	25	#0	16QAM	HV	NT	-0.41	0.000	-2.5	2.5	PASS
Band26(824-849)	5	27015	25	#0	QPSK	LV	NT	0.37	0.000	-2.5	2.5	PASS
Band26(824-849)	5	27015	25	#0	QPSK	NV	NT	1.44	0.002	-2.5	2.5	PASS
Band26(824-849)	5	27015	25	#0	QPSK	HV	NT	0.16	0.000	-2.5	2.5	PASS
Band26(824-849)	5	27015	25	#0	16QAM	LV	NT	0.04	0.000	-2.5	2.5	PASS
Band26(824-849)	5	27015	25	#0	16QAM	NV	NT	-1.02	-0.00 1	-2.5	2.5	PASS
Band26(824-849)	5	27015	25	#0	16QAM	HV	NT	0.53	0.001	-2.5	2.5	PASS
Band26(824-849)	10	26840	50	#0	QPSK	LV	NT	0.17	0.000	-2.5	2.5	PASS
Band26(824-849)	10	26840	50	#0	QPSK	NV	NT	-1.30	-0.00 2	-2.5	2.5	PASS
Band26(824-849)	10	26840	50	#0	QPSK	HV	NT	-0.46	-0.00 1	-2.5	2.5	PASS
Band26(824-849)	10	26915	50	#0	QPSK	LV	NT	-1.63	-0.00 2	-2.5	2.5	PASS
Band26(824-849)	10	26915	50	#0	QPSK	NV	NT	-1.40	-0.00 2	-2.5	2.5	PASS
Band26(824-849)	10	26915	50	#0	QPSK	HV	NT	-1.76	-0.00 2	-2.5	2.5	PASS
Band26(824-849)	10	26990	50	#0	QPSK	LV	NT	-0.82	-0.00	-2.5	2.5	PASS

9)									1			
Band26(824-849)	10	26990	50	#0	QPSK	NV	NT	-1.10	-0.00	-2.5	2.5	PASS
9)									1			
Band26(824-849)	10	26990	50	#0	QPSK	HV	NT	-1.17	-0.00	-2.5	2.5	PASS
9)									1			
Band26(824-849)	15	26865	75	#0	QPSK	LV	NT	-0.74	-0.00	-2.5	2.5	PASS
9)									1			
Band26(824-849)	15	26865	75	#0	QPSK	NV	NT	-1.09	-0.00	-2.5	2.5	PASS
9)									1			
Band26(824-849)	15	26865	75	#0	QPSK	HV	NT	-0.83	-0.00	-2.5	2.5	PASS
9)									1			
Band26(824-849)	15	26915	75	#0	QPSK	LV	NT	-1.54	-0.00	-2.5	2.5	PASS
9)									2			
Band26(824-849)	15	26915	75	#0	QPSK	NV	NT	-1.10	-0.00	-2.5	2.5	PASS
9)									1			
Band26(824-849)	15	26915	75	#0	QPSK	HV	NT	-1.47	-0.00	-2.5	2.5	PASS
9)									2			
Band26(824-849)	15	26965	75	#0	QPSK	LV	NT	-1.57	-0.00	-2.5	2.5	PASS
9)									2			
Band26(824-849)	15	26965	75	#0	QPSK	NV	NT	-1.85	-0.00	-2.5	2.5	PASS
9)									2			
Band26(824-849)	15	26965	75	#0	QPSK	HV	NT	-2.32	-0.00	-2.5	2.5	PASS
9)									3			

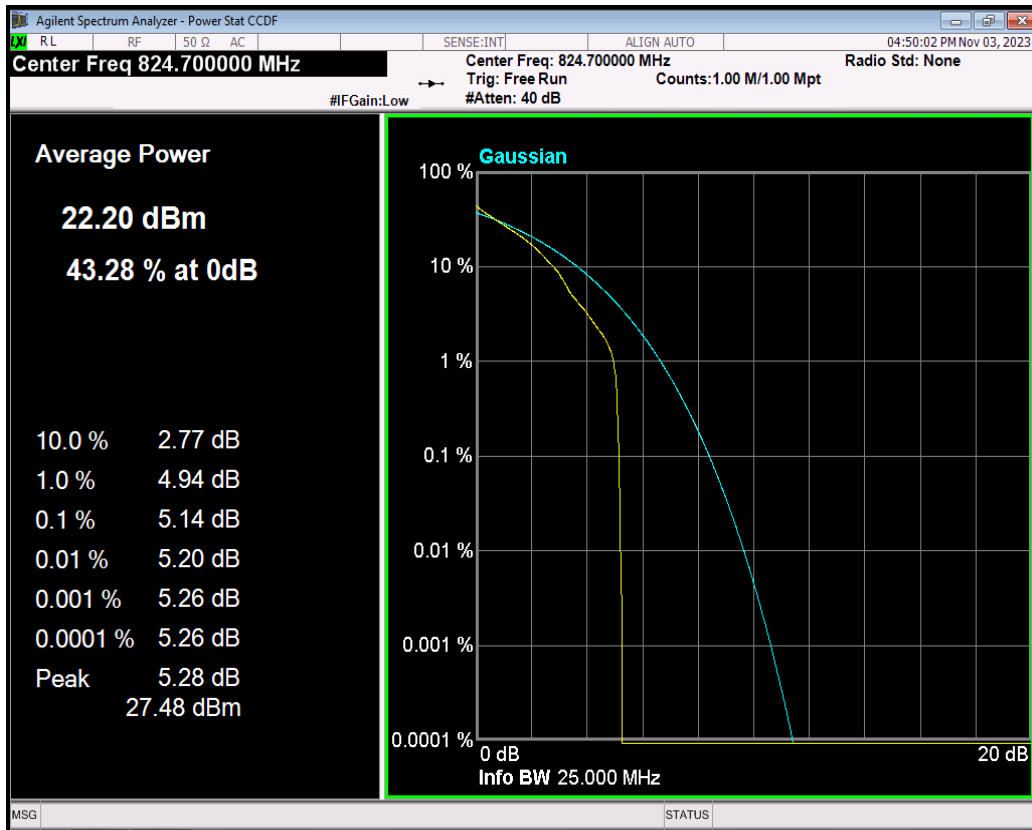


Appendix 3. Peak-to-Average Ratio

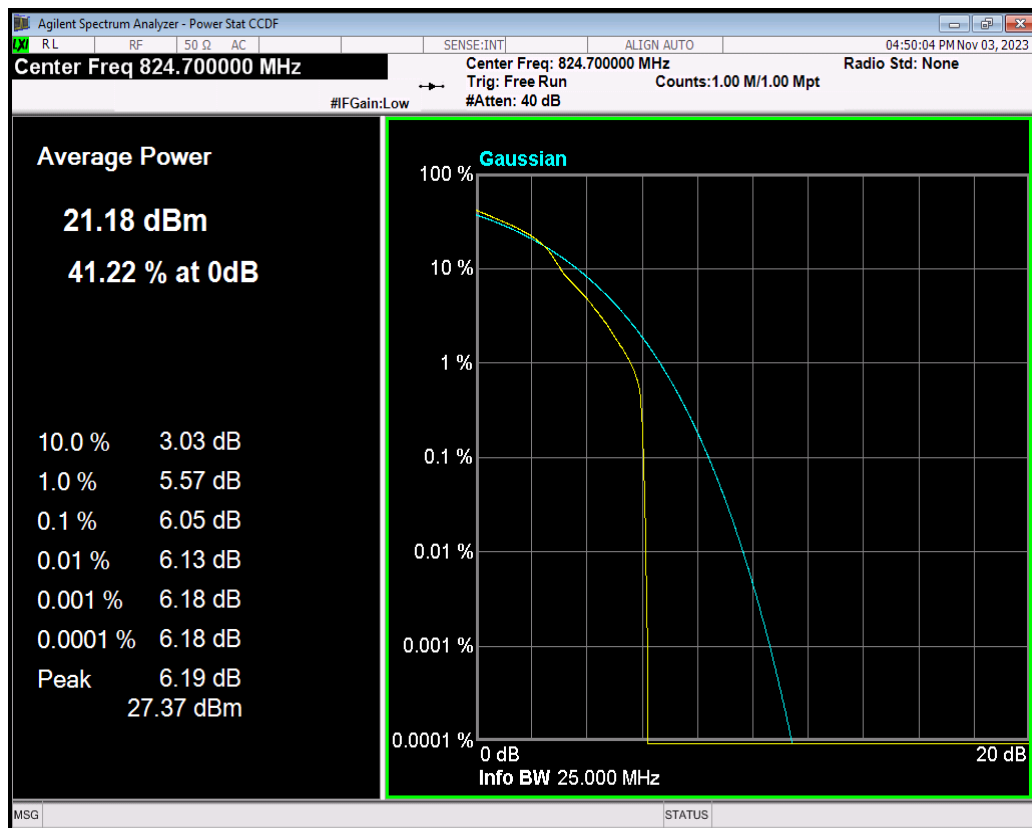
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
Band26(824-849)	1.4	26797	1	#0	QPSK	5.14	13	PASS
Band26(824-849)	1.4	26797	1	#0	16QAM	6.05	13	PASS
Band26(824-849)	1.4	26915	1	#0	QPSK	5.10	13	PASS
Band26(824-849)	1.4	26915	1	#0	16QAM	6.06	13	PASS
Band26(824-849)	1.4	27033	1	#0	QPSK	4.04	13	PASS
Band26(824-849)	1.4	27033	1	#0	16QAM	4.92	13	PASS
Band26(824-849)	3	26805	1	#0	QPSK	5.19	13	PASS
Band26(824-849)	3	26805	1	#0	16QAM	6.01	13	PASS
Band26(824-849)	3	26915	1	#0	QPSK	5.12	13	PASS
Band26(824-849)	3	26915	1	#0	16QAM	6.03	13	PASS
Band26(824-849)	3	27025	1	#0	QPSK	4.26	13	PASS
Band26(824-849)	3	27025	1	#0	16QAM	5.13	13	PASS
Band26(824-849)	5	26815	1	#0	QPSK	5.11	13	PASS
Band26(824-849)	5	26815	1	#0	16QAM	6.03	13	PASS
Band26(824-849)	5	26915	1	#0	QPSK	4.98	13	PASS
Band26(824-849)	5	26915	1	#0	16QAM	5.76	13	PASS
Band26(824-849)	5	27015	1	#0	QPSK	4.71	13	PASS
Band26(824-849)	5	27015	1	#0	16QAM	5.53	13	PASS
Band26(824-849)	10	26840	1	#0	QPSK	5.10	13	PASS
Band26(824-849)	10	26915	1	#0	QPSK	4.73	13	PASS
Band26(824-849)	10	26990	1	#0	QPSK	4.78	13	PASS
Band26(824-849)	15	26865	1	#0	QPSK	5.09	13	PASS
Band26(824-849)	15	26915	1	#0	QPSK	4.58	13	PASS
Band26(824-849)	15	26965	1	#0	QPSK	4.96	13	PASS



Band26(824-849) QPSK BW=1.4MHz Channel=26797 RB Size=1 Position=#0

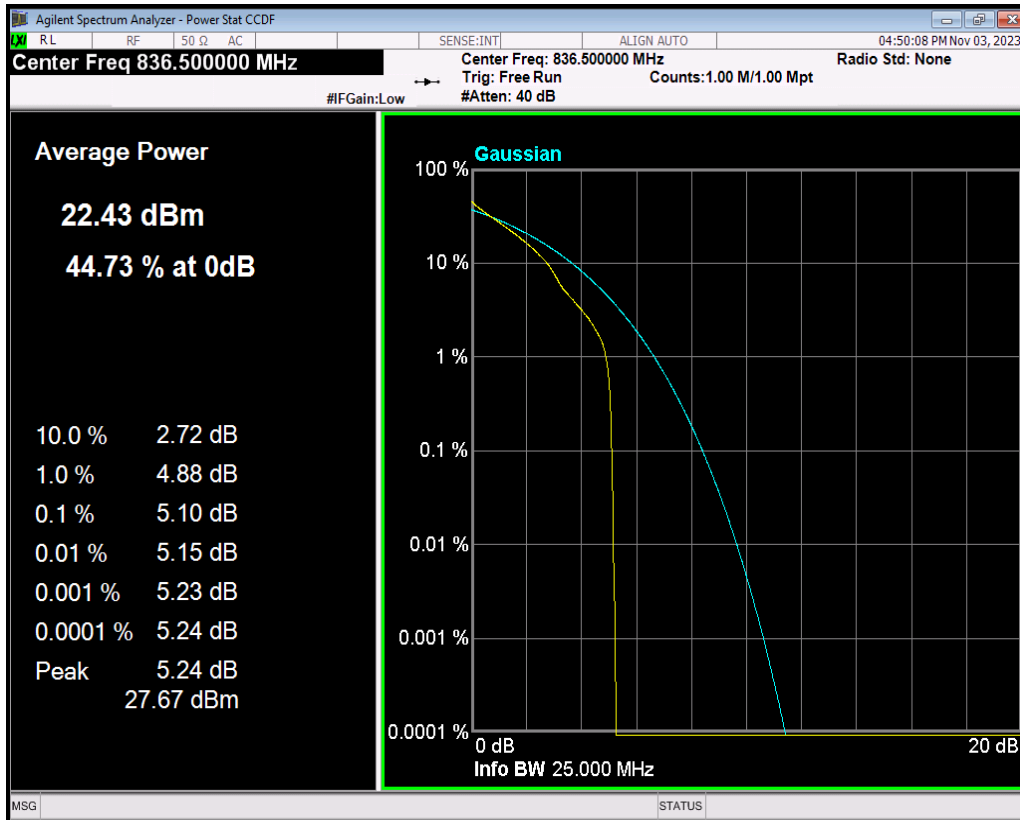


Band26(824-849) 16QAM BW=1.4MHz Channel=26797 RB Size=1 Position=#0

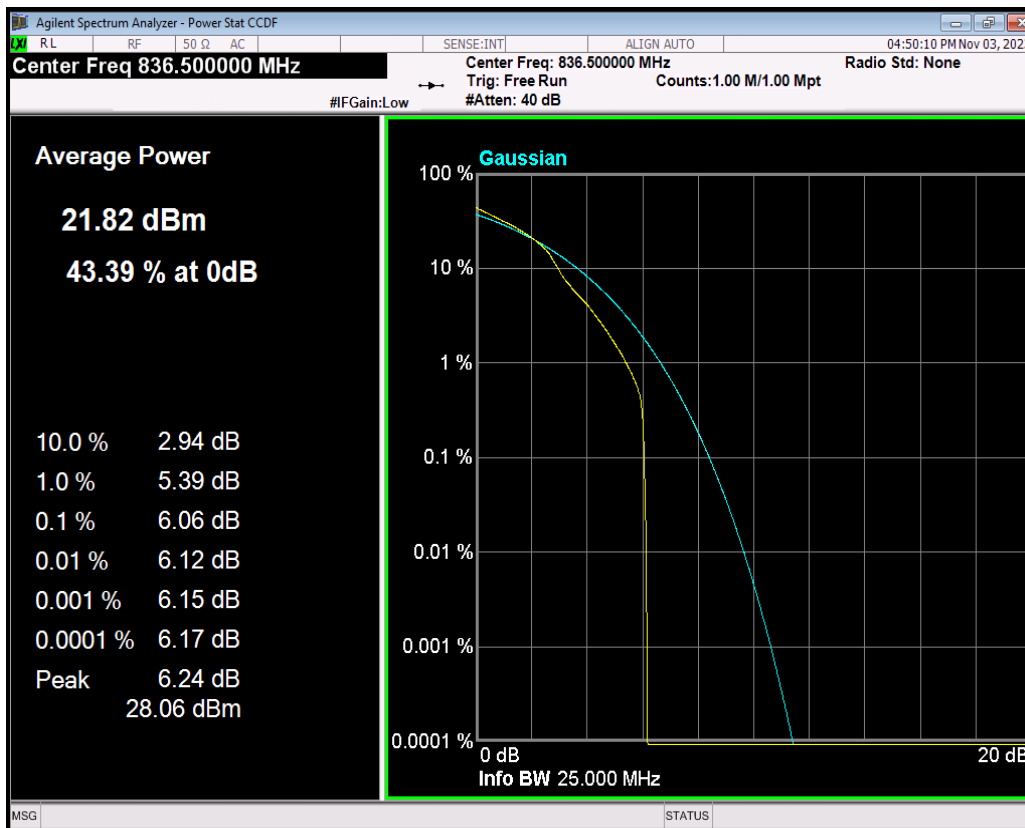




Band26(824-849) QPSK BW=1.4MHz Channel=26915 RB Size=1 Position=#0

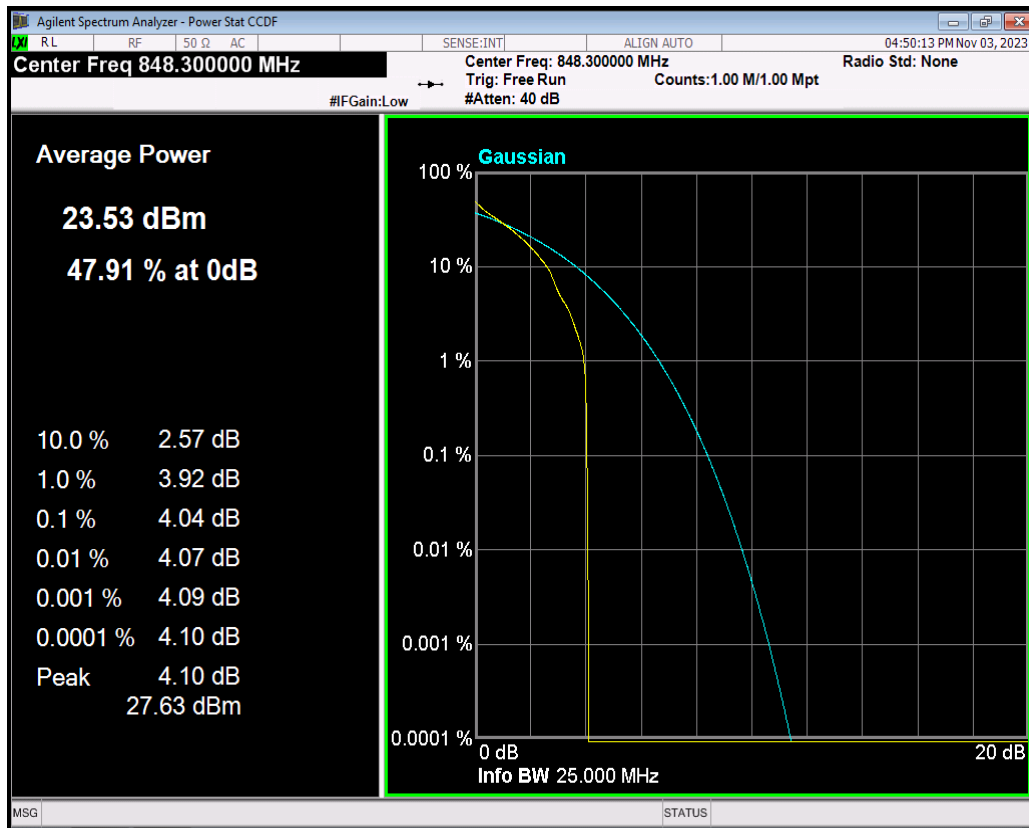


Band26(824-849) 16QAM BW=1.4MHz Channel=26915 RB Size=1 Position=#0

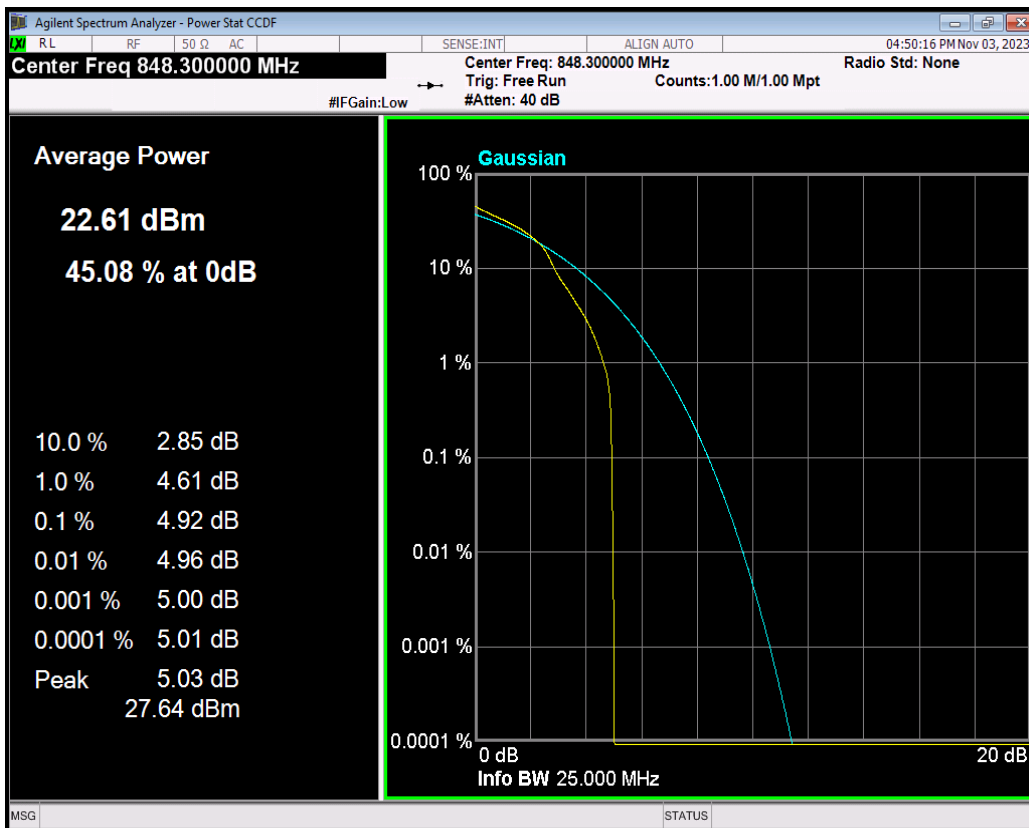




Band26(824-849) QPSK BW=1.4MHz Channel=27033 RB Size=1 Position=#0

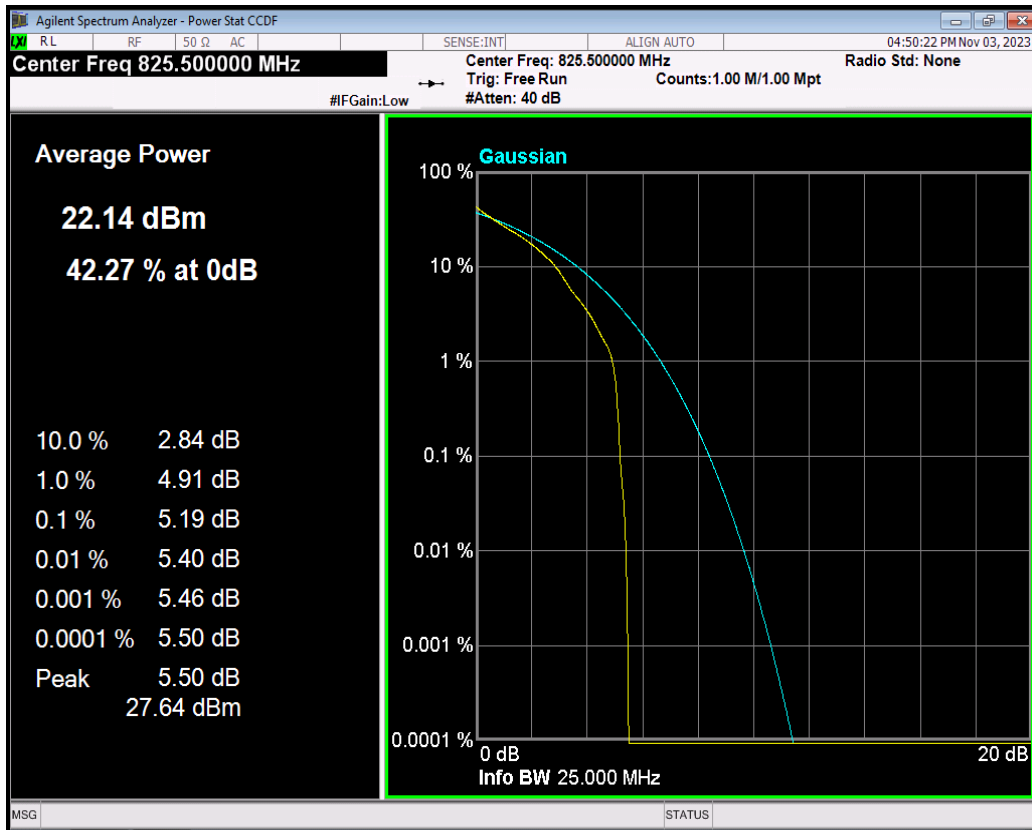


Band26(824-849) 16QAM BW=1.4MHz Channel=27033 RB Size=1 Position=#0

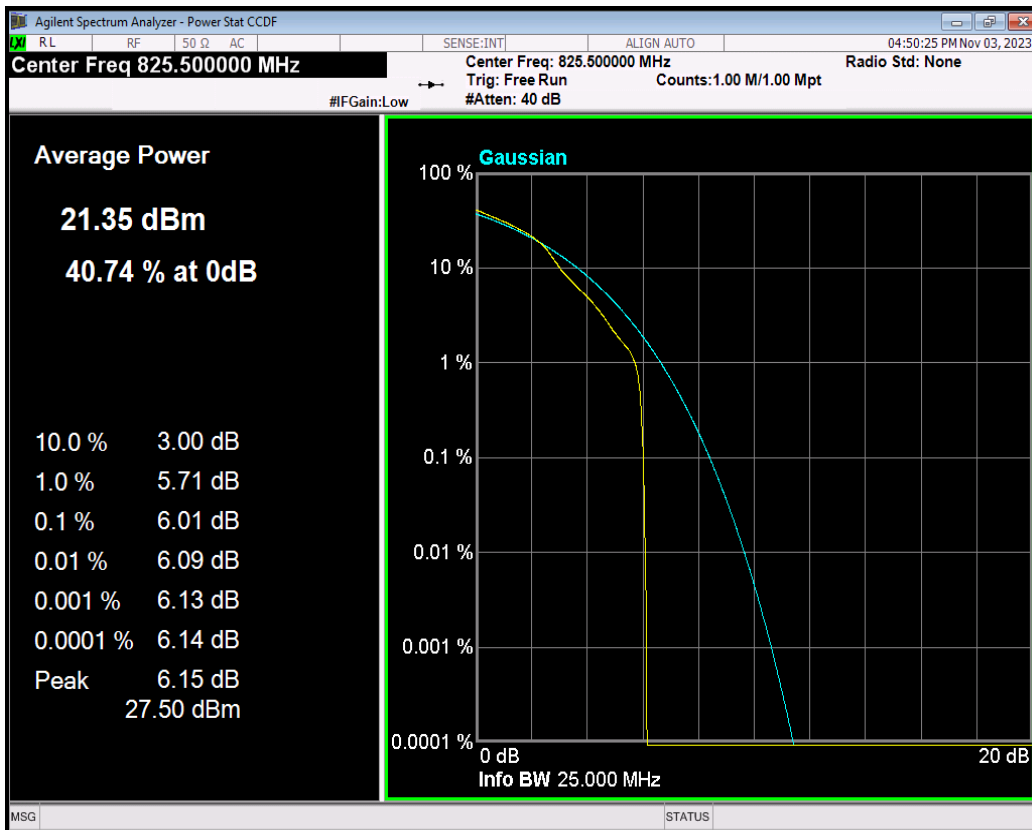




Band26(824-849) QPSK BW=3MHz Channel=26805 RB Size=1 Position=#0

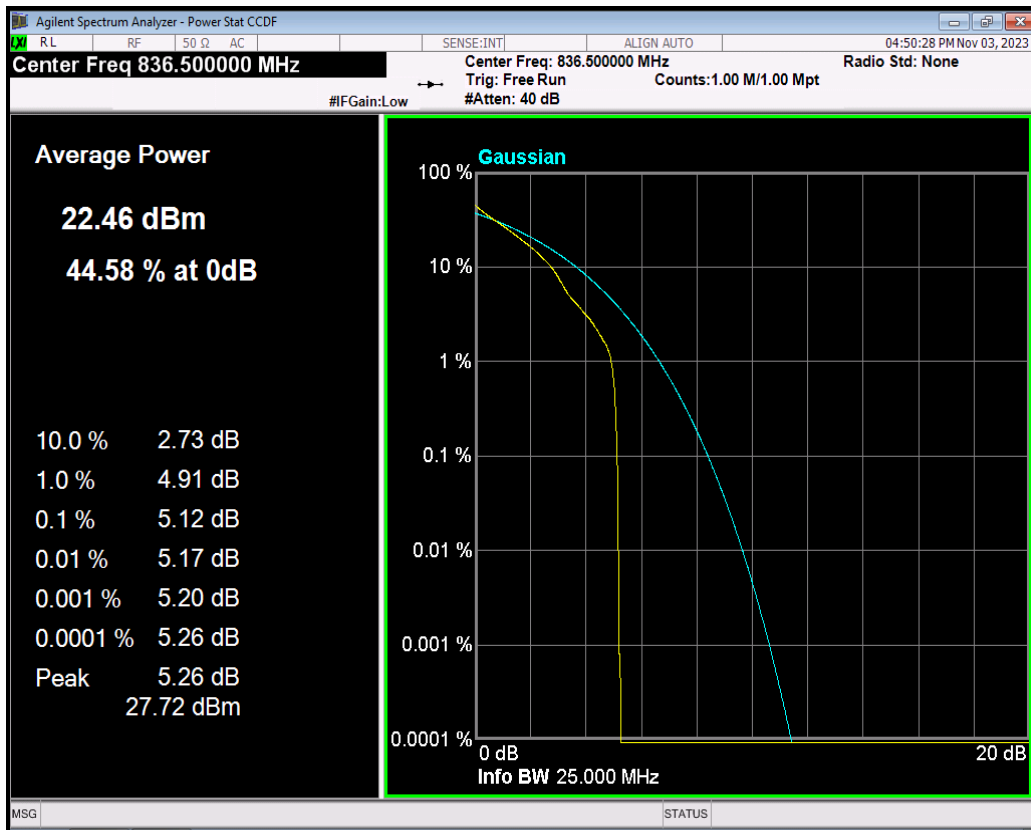


Band26(824-849) 16QAM BW=3MHz Channel=26805 RB Size=1 Position=#0

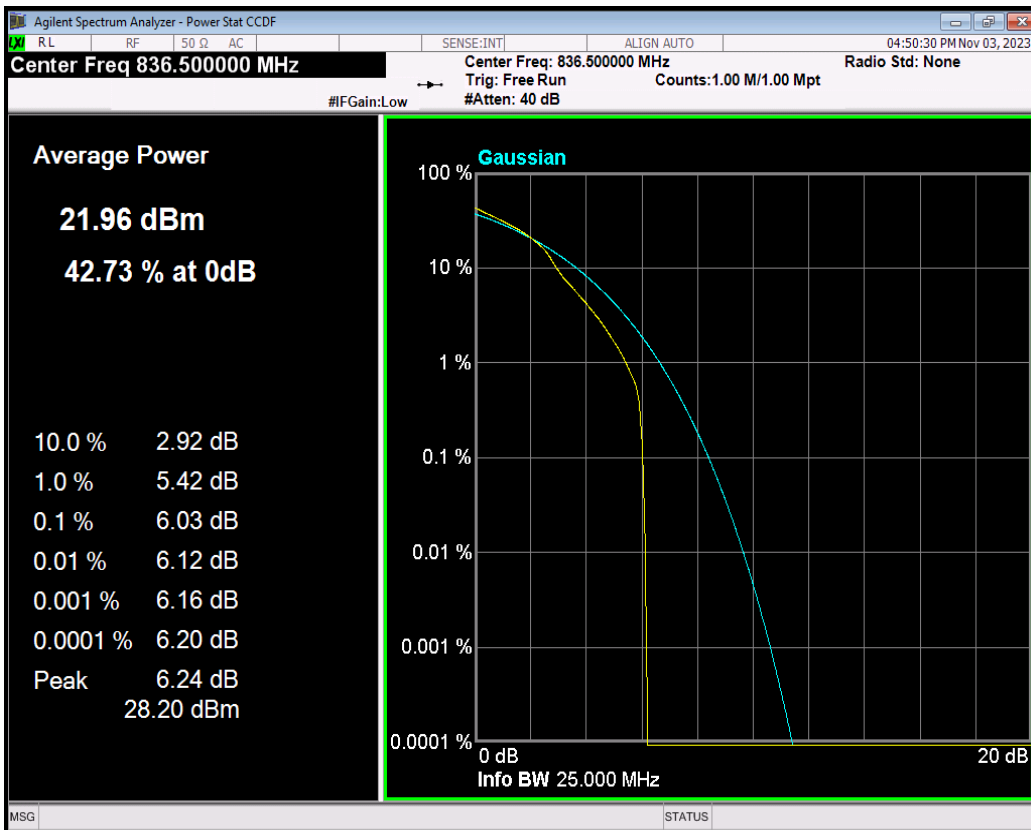




Band26(824-849) QPSK BW=3MHz Channel=26915 RB Size=1 Position=#0

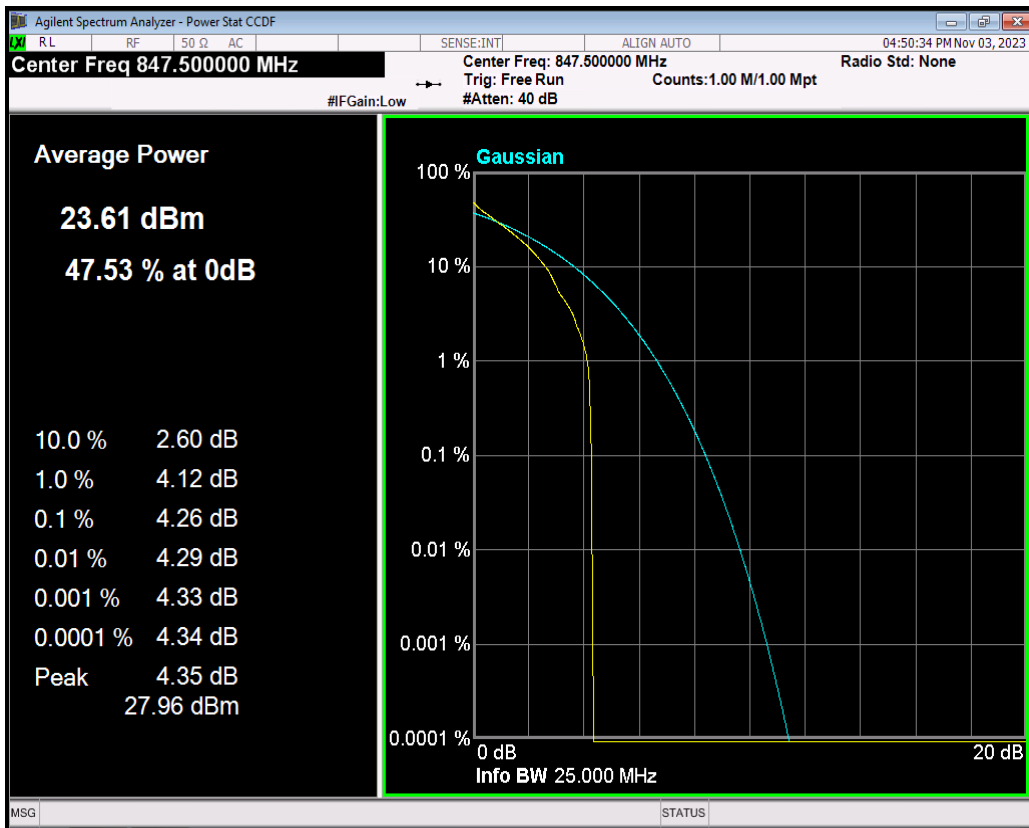


Band26(824-849) 16QAM BW=3MHz Channel=26915 RB Size=1 Position=#0

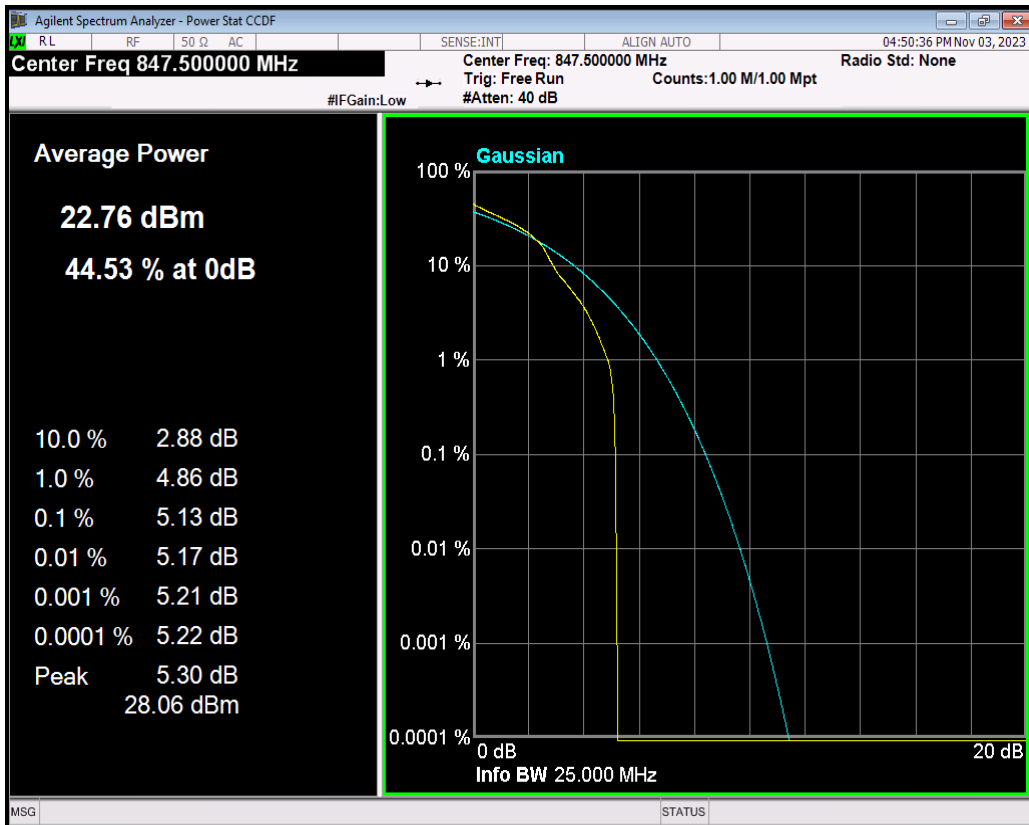




Band26(824-849) QPSK BW=3MHz Channel=27025 RB Size=1 Position=#0

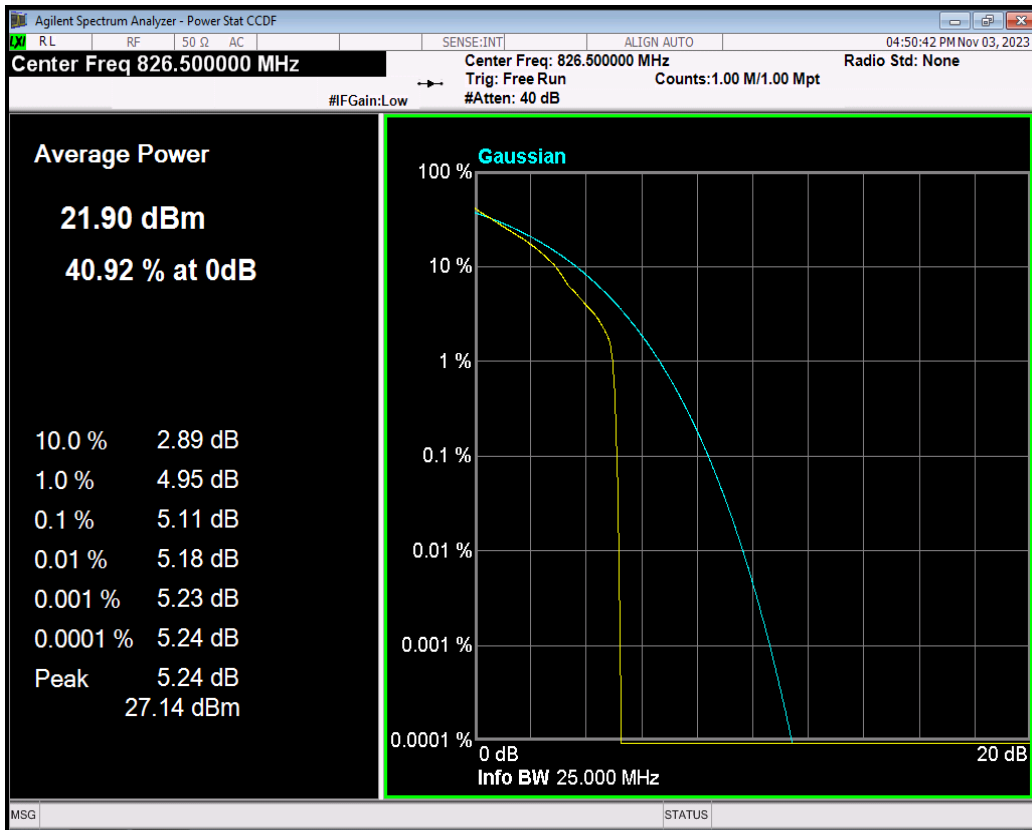


Band26(824-849) 16QAM BW=3MHz Channel=27025 RB Size=1 Position=#0

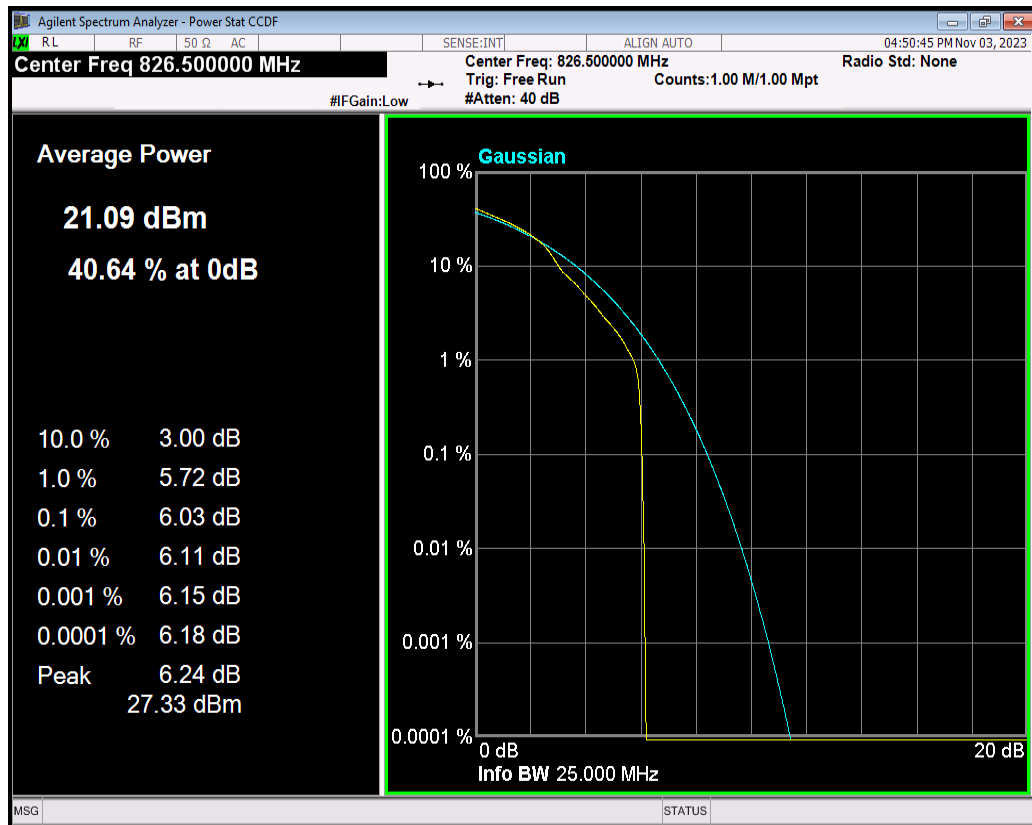




Band26(824-849) QPSK BW=5MHz Channel=26815 RB Size=1 Position=#0

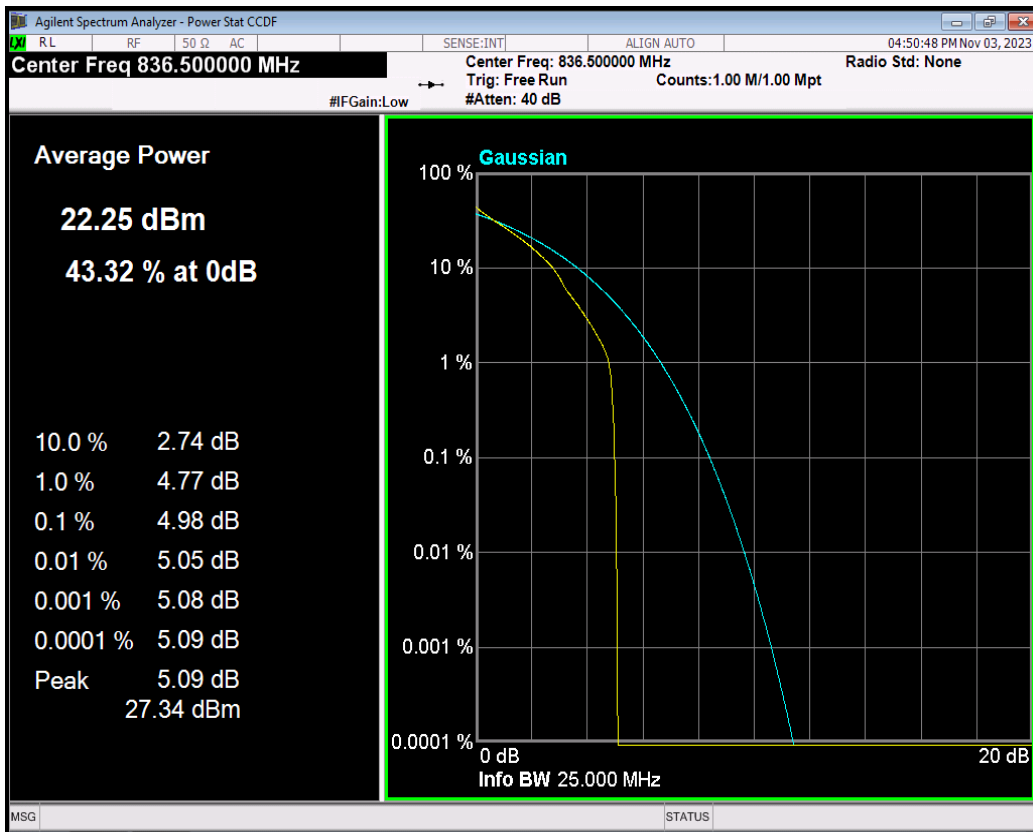


Band26(824-849) 16QAM BW=5MHz Channel=26815 RB Size=1 Position=#0

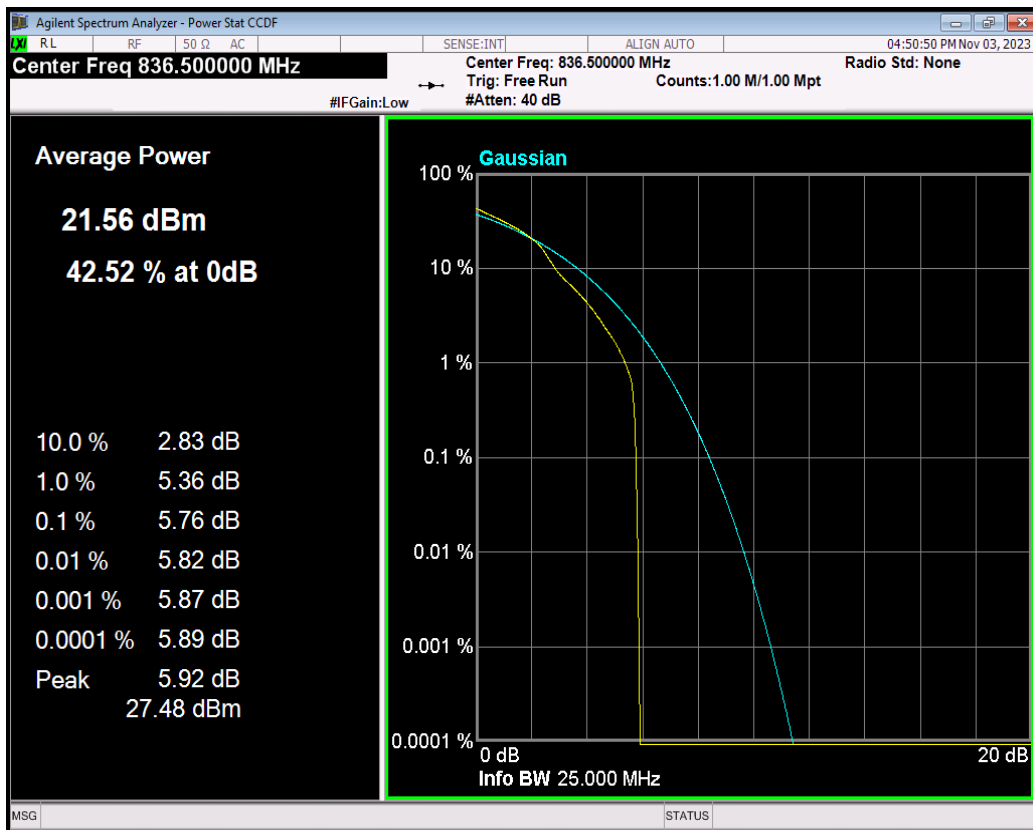




Band26(824-849) QPSK BW=5MHz Channel=26915 RB Size=1 Position=#0

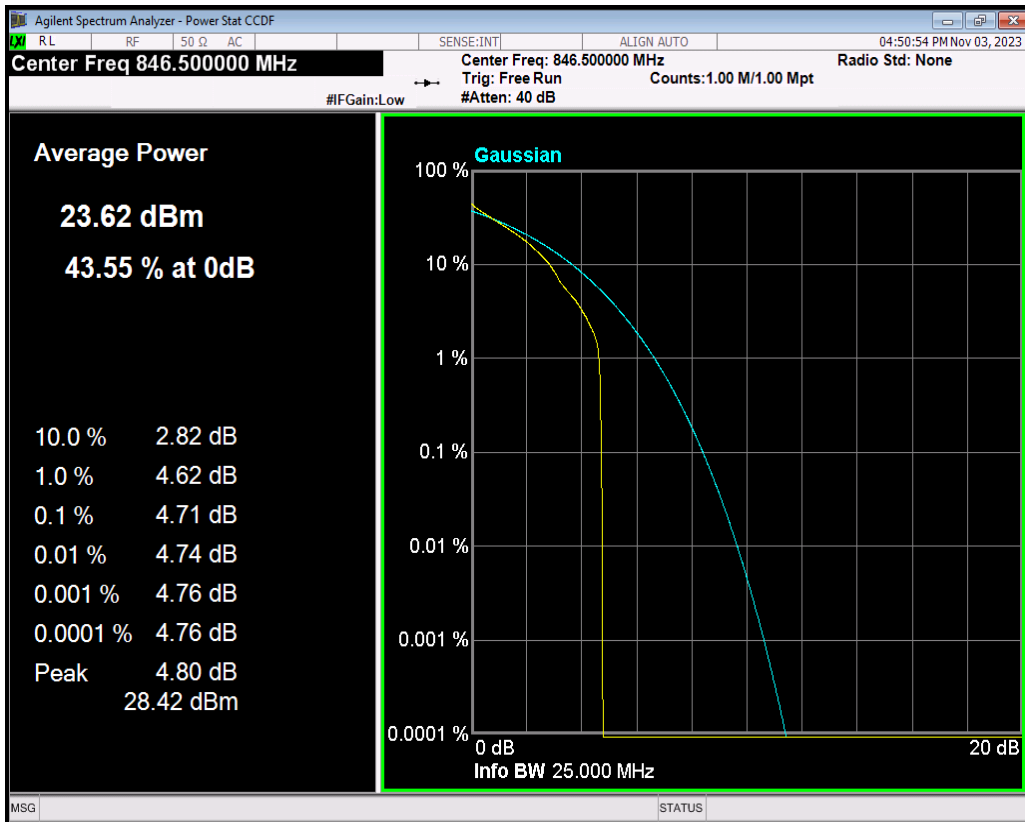


Band26(824-849) 16QAM BW=5MHz Channel=26915 RB Size=1 Position=#0

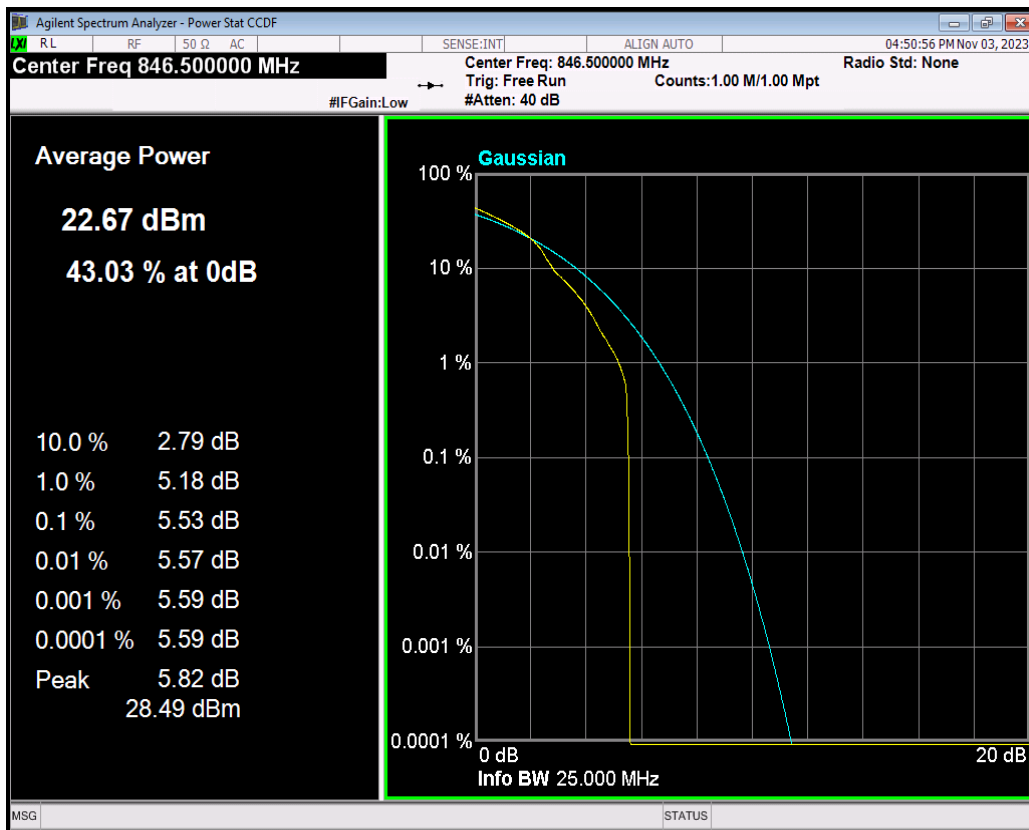




Band26(824-849) QPSK BW=5MHz Channel=27015 RB Size=1 Position=#0

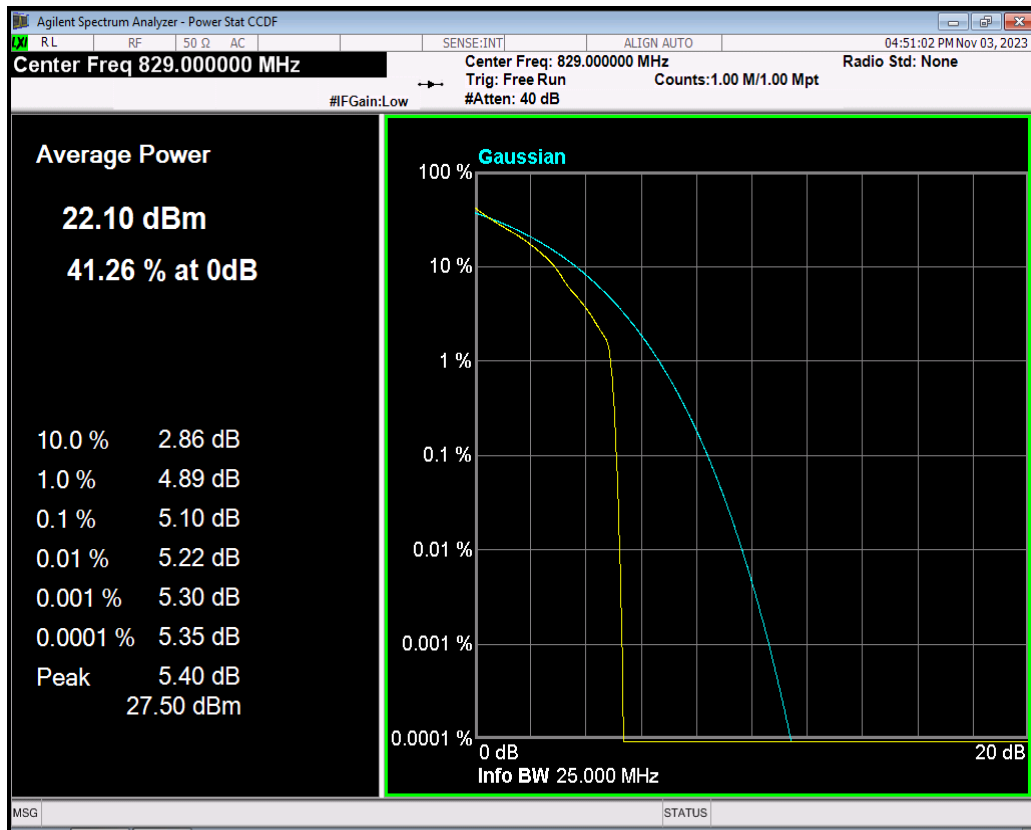


Band26(824-849) 16QAM BW=5MHz Channel=27015 RB Size=1 Position=#0

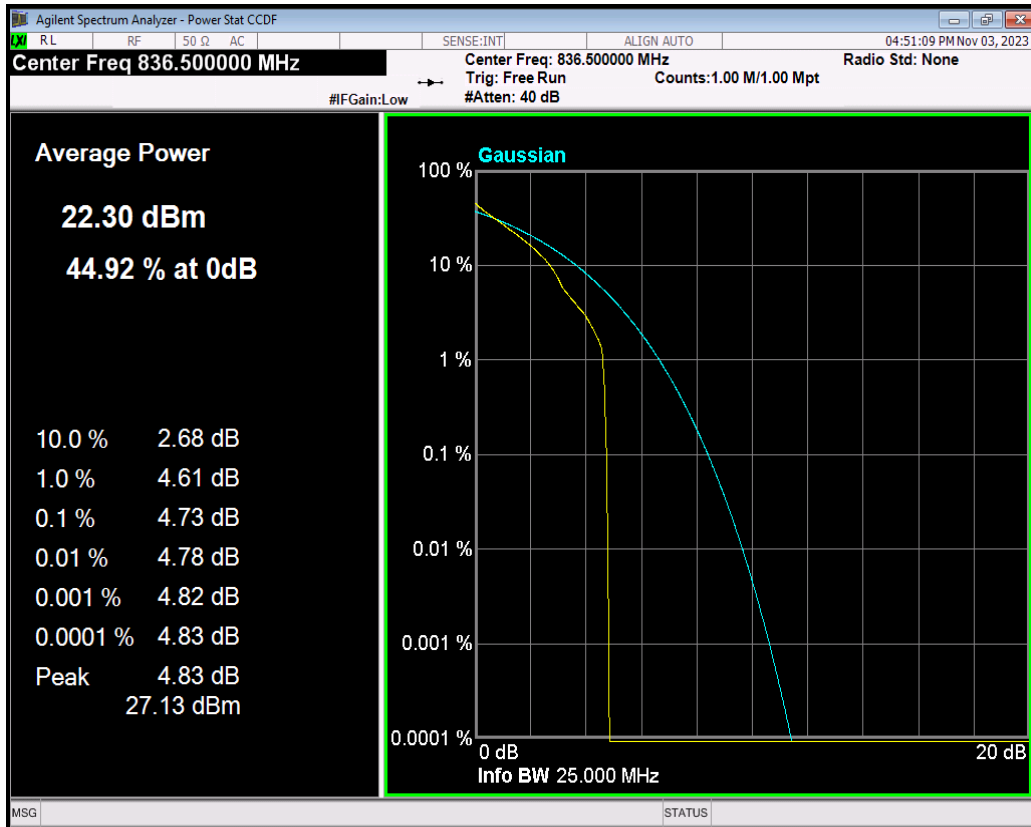




Band26(824-849) QPSK BW=10MHz Channel=26840 RB Size=1 Position=#0

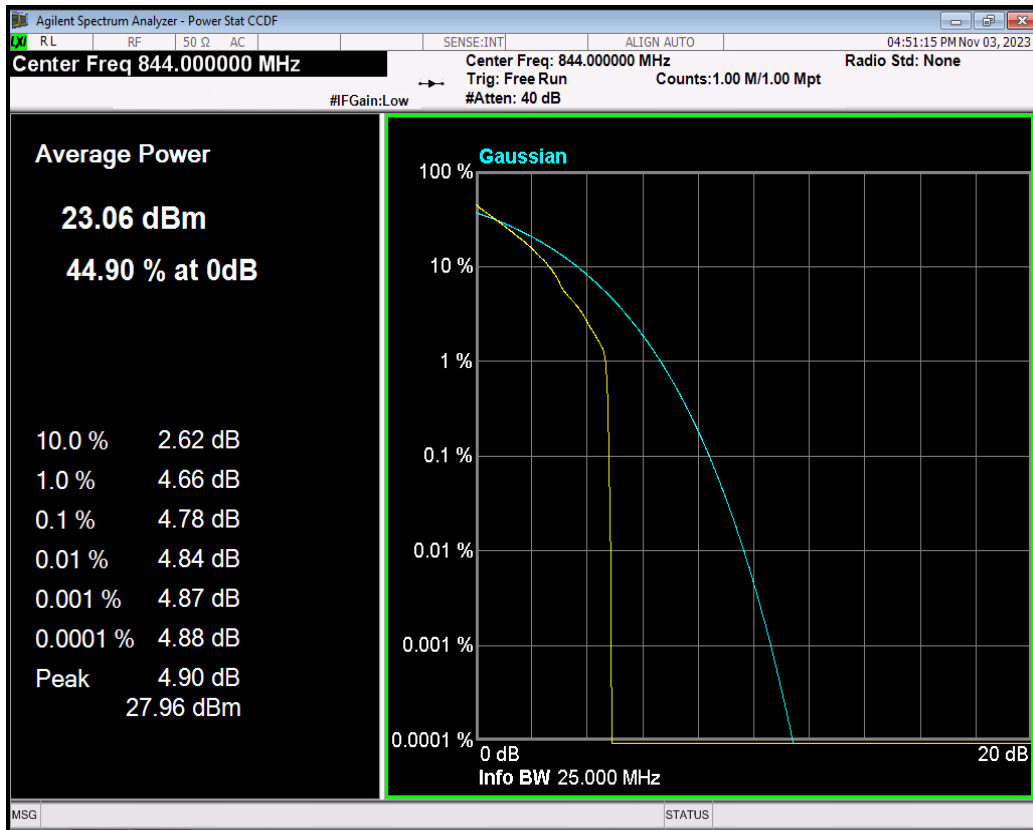


Band26(824-849) QPSK BW=10MHz Channel=26915 RB Size=1 Position=#0

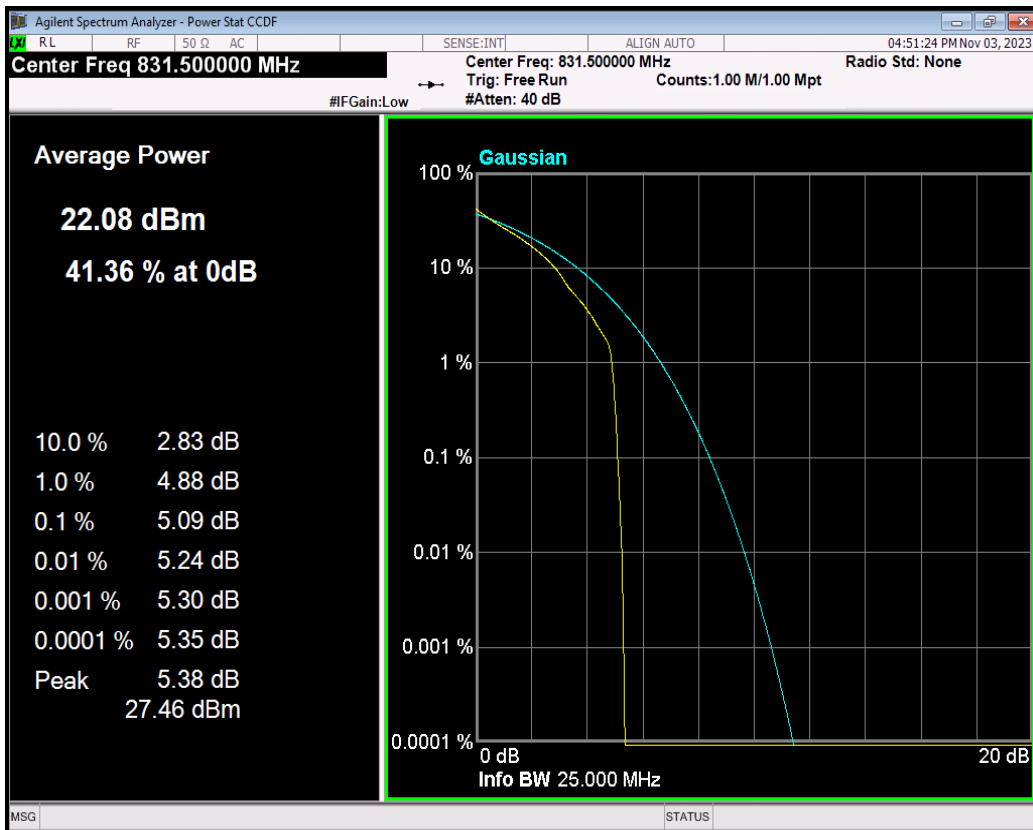




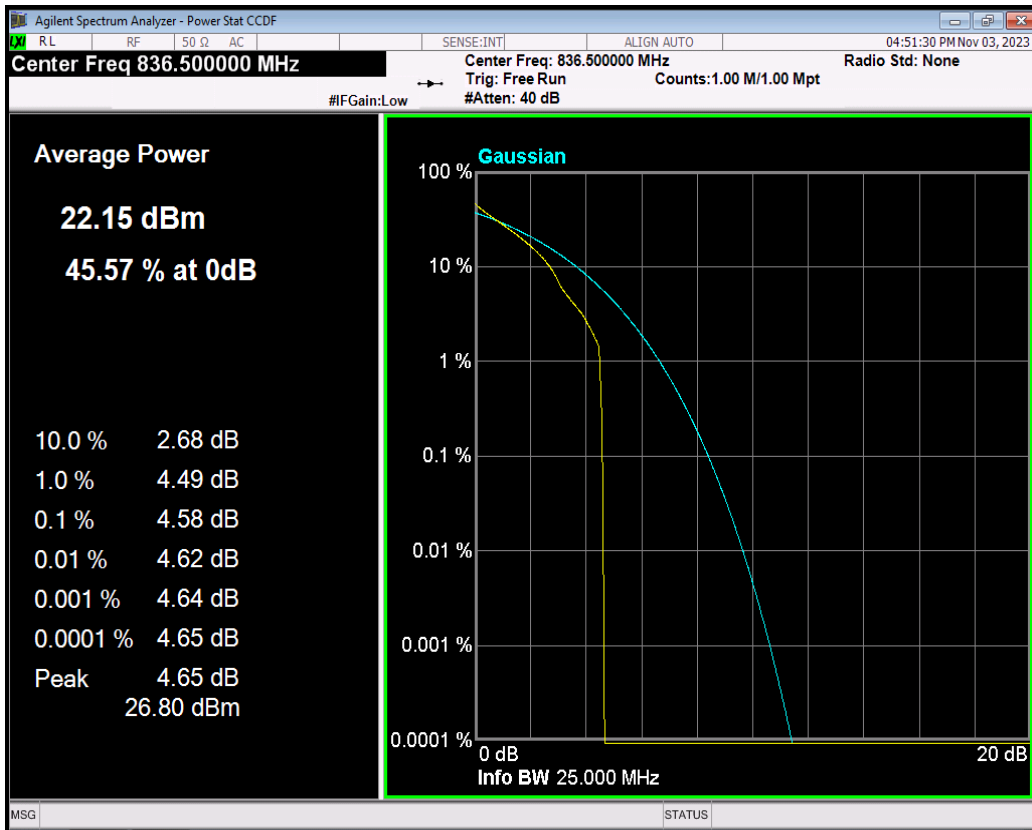
Band26(824-849) QPSK BW=10MHz Channel=26990 RB Size=1 Position=#0



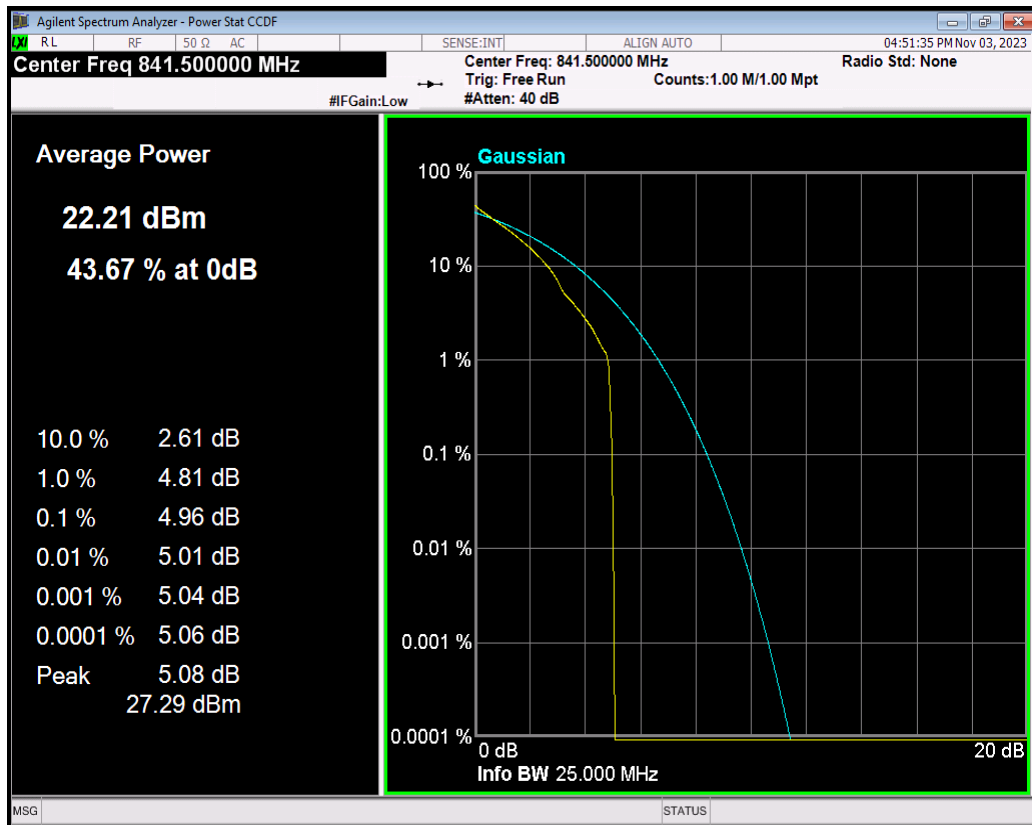
Band26(824-849) QPSK BW=15MHz Channel=26865 RB Size=1 Position=#0



Band26(824-849) QPSK BW=15MHz Channel=26915 RB Size=1 Position=#0



Band26(824-849) QPSK BW=15MHz Channel=26965 RB Size=1 Position=#0

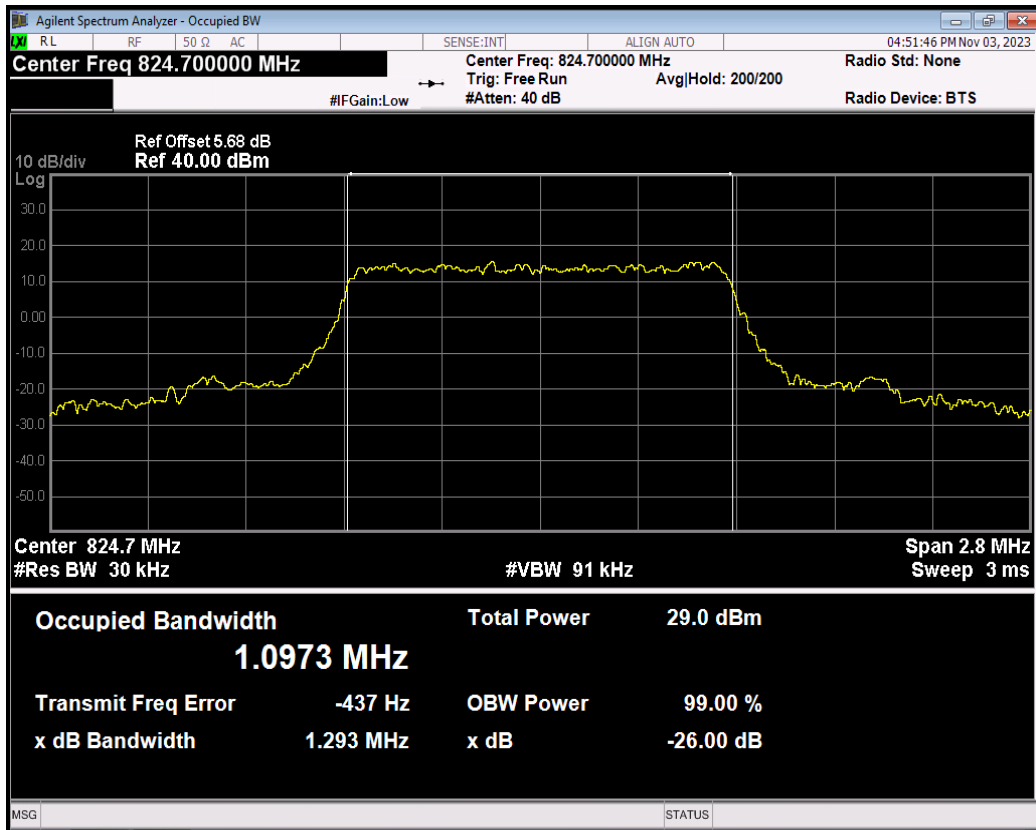


Appendix 4. Occupied bandwidth

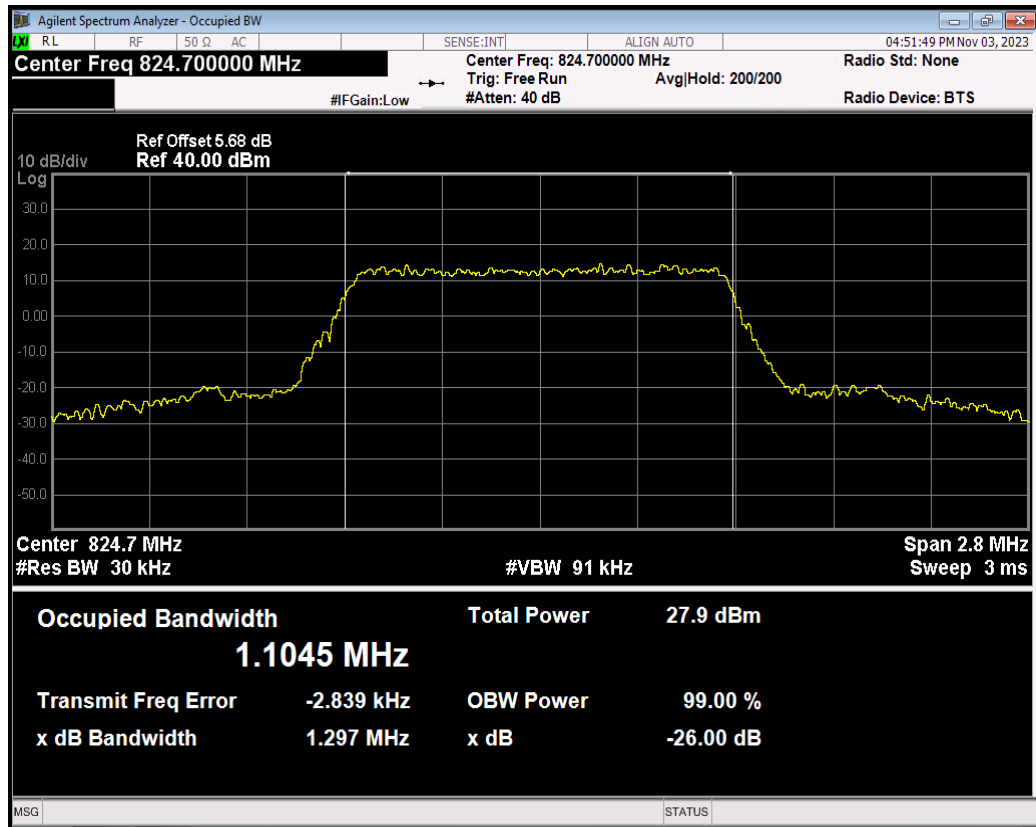
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
Band26(824-849)	1.4	26797	6	#0	QPSK	1.097	1.293	PASS
Band26(824-849)	1.4	26797	6	#0	16QAM	1.105	1.297	PASS
Band26(824-849)	1.4	26915	6	#0	QPSK	1.093	1.297	PASS
Band26(824-849)	1.4	26915	6	#0	16QAM	1.099	1.272	PASS
Band26(824-849)	1.4	27033	6	#0	QPSK	1.110	1.281	PASS
Band26(824-849)	1.4	27033	6	#0	16QAM	1.103	1.295	PASS
Band26(824-849)	3	26805	15	#0	QPSK	2.708	3.013	PASS
Band26(824-849)	3	26805	15	#0	16QAM	2.709	2.967	PASS
Band26(824-849)	3	26915	15	#0	QPSK	2.696	2.969	PASS
Band26(824-849)	3	26915	15	#0	16QAM	2.709	3.006	PASS
Band26(824-849)	3	27025	15	#0	QPSK	2.704	2.959	PASS
Band26(824-849)	3	27025	15	#0	16QAM	2.694	2.985	PASS
Band26(824-849)	5	26815	25	#0	QPSK	4.513	4.987	PASS
Band26(824-849)	5	26815	25	#0	16QAM	4.500	4.966	PASS
Band26(824-849)	5	26915	25	#0	QPSK	4.513	4.954	PASS
Band26(824-849)	5	26915	25	#0	16QAM	4.542	4.929	PASS
Band26(824-849)	5	27015	25	#0	QPSK	4.492	4.956	PASS
Band26(824-849)	5	27015	25	#0	16QAM	4.502	4.917	PASS
Band26(824-849)	10	26840	50	#0	QPSK	8.920	9.758	PASS
Band26(824-849)	10	26915	50	#0	QPSK	8.969	9.772	PASS
Band26(824-849)	10	26990	50	#0	QPSK	8.925	9.741	PASS
Band26(824-849)	15	26865	75	#0	QPSK	13.408	14.617	PASS
Band26(824-849)	15	26915	75	#0	QPSK	13.440	14.655	PASS
Band26(824-849)	15	26965	75	#0	QPSK	13.375	14.572	PASS



Band26(824-849) QPSK BW=1.4MHz Channel=26797 RB Size=6 Position=#0

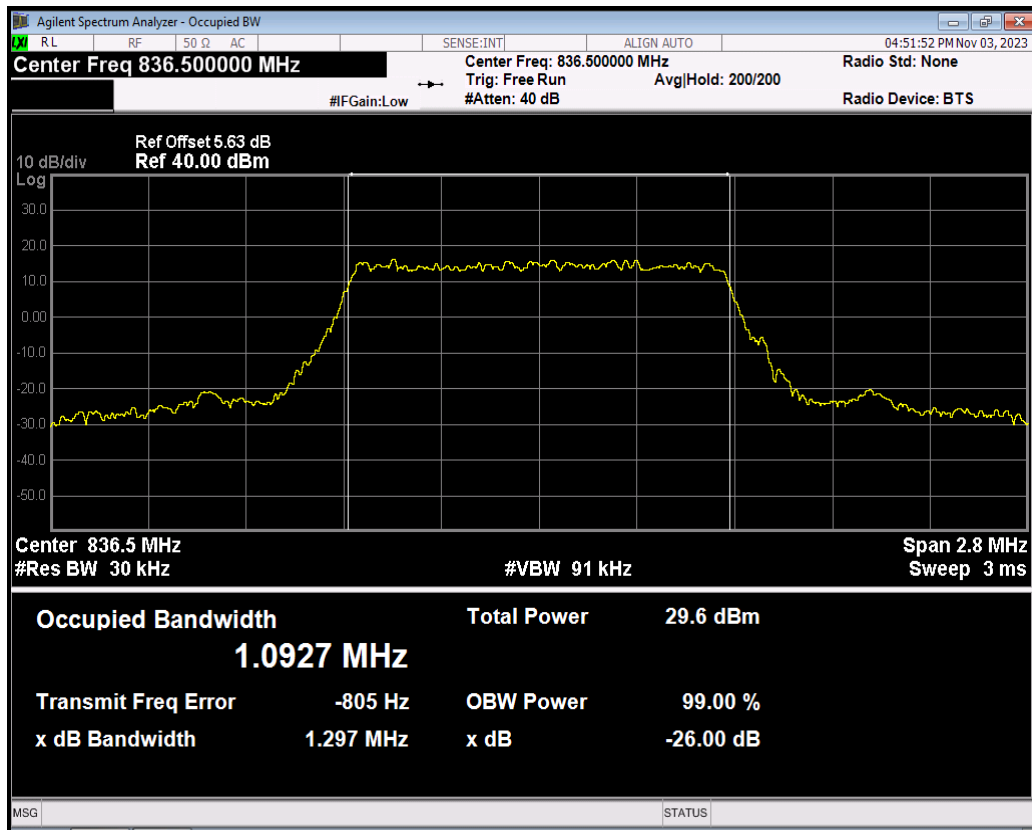


Band26(824-849) 16QAM BW=1.4MHz Channel=26797 RB Size=6 Position=#0

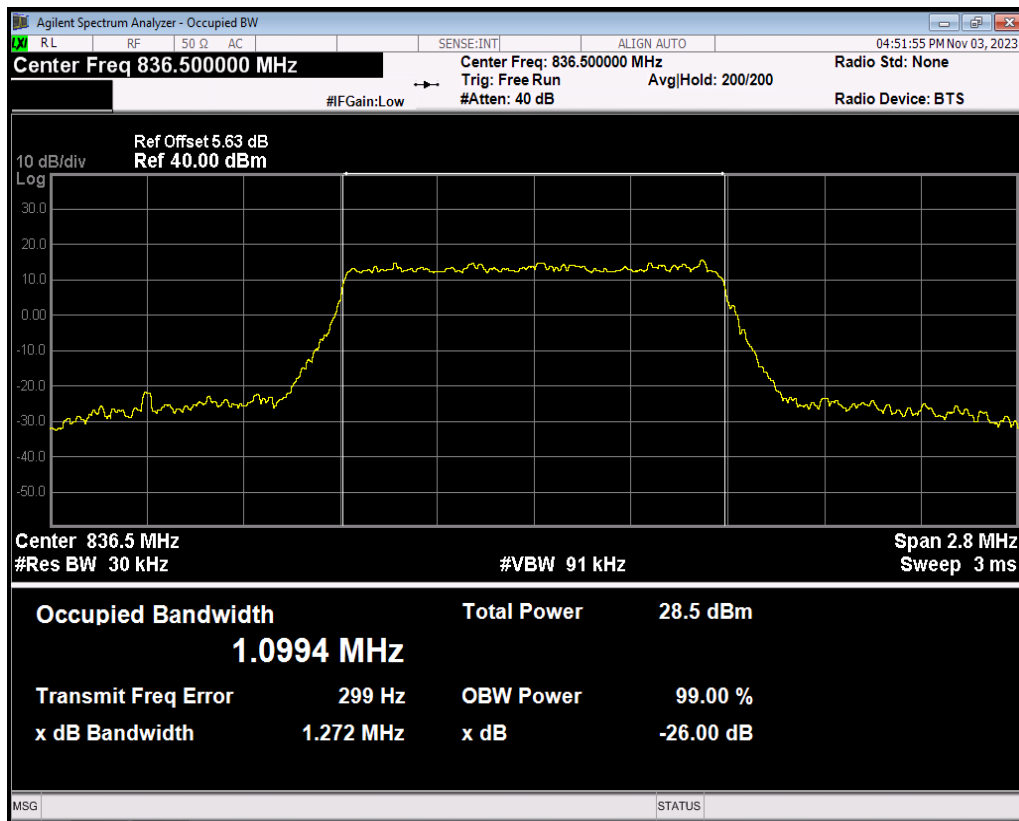




Band26(824-849) QPSK BW=1.4MHz Channel=26915 RB Size=6 Position=#0

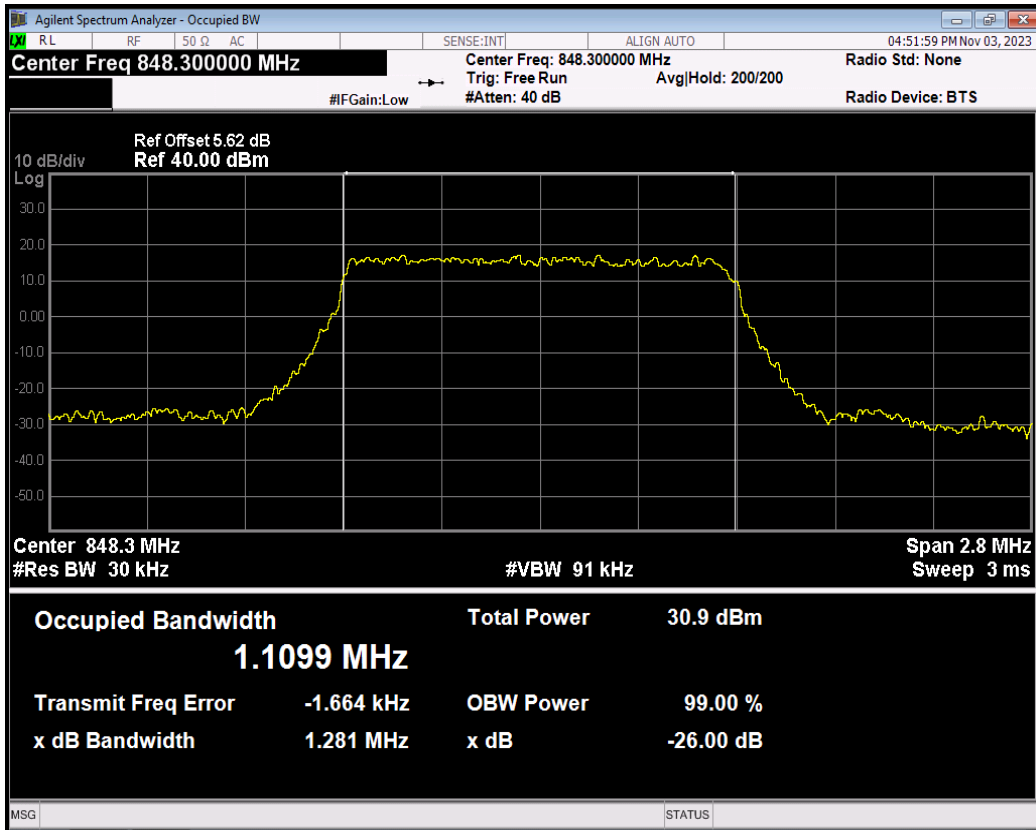


Band26(824-849) 16QAM BW=1.4MHz Channel=26915 RB Size=6 Position=#0

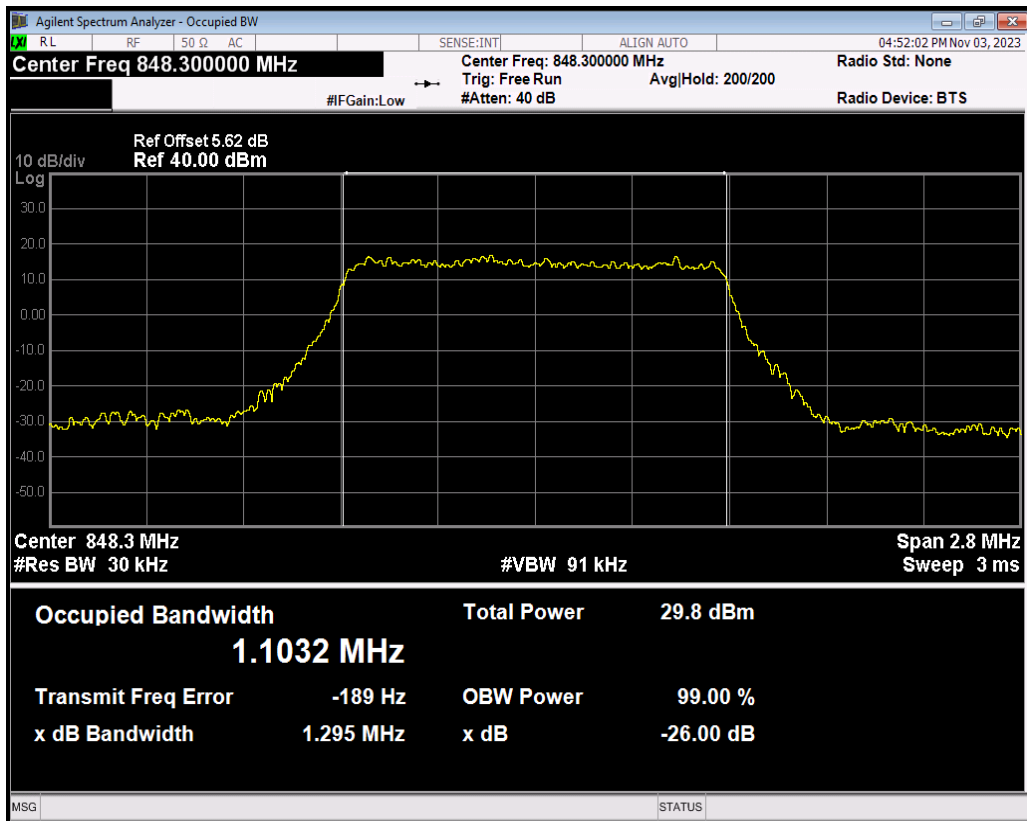




Band26(824-849) QPSK BW=1.4MHz Channel=27033 RB Size=6 Position=#0

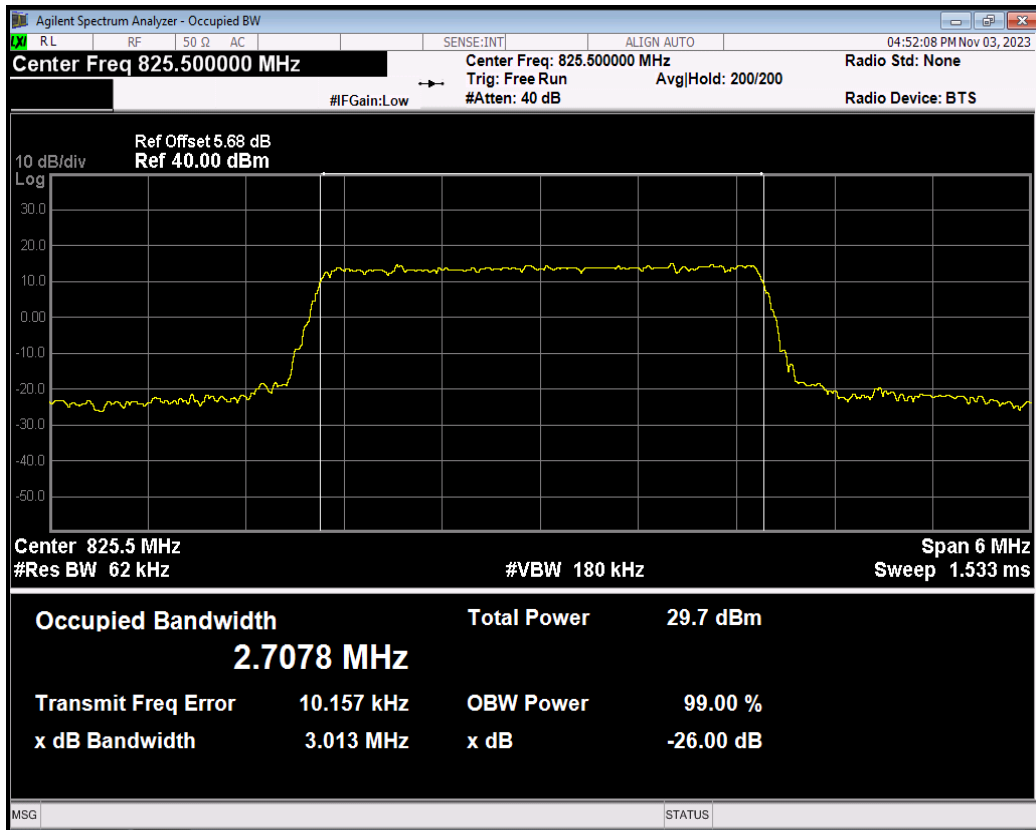


Band26(824-849) 16QAM BW=1.4MHz Channel=27033 RB Size=6 Position=#0

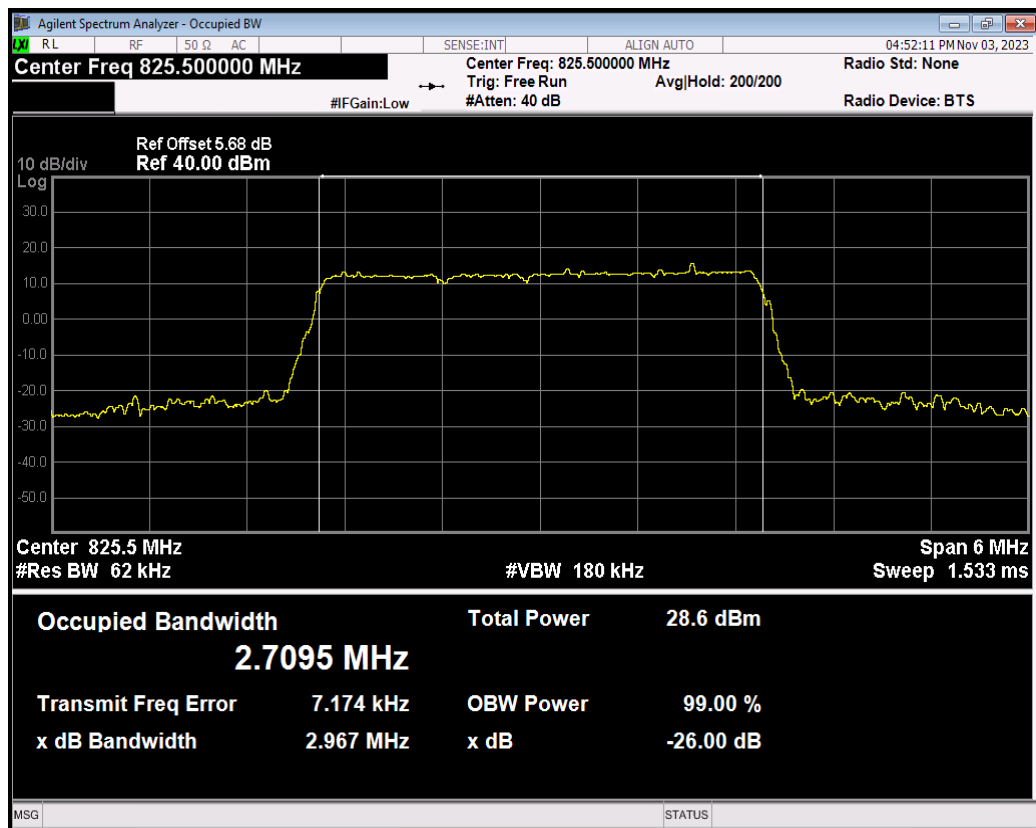




Band26(824-849) QPSK BW=3MHz Channel=26805 RB Size=15 Position=#0

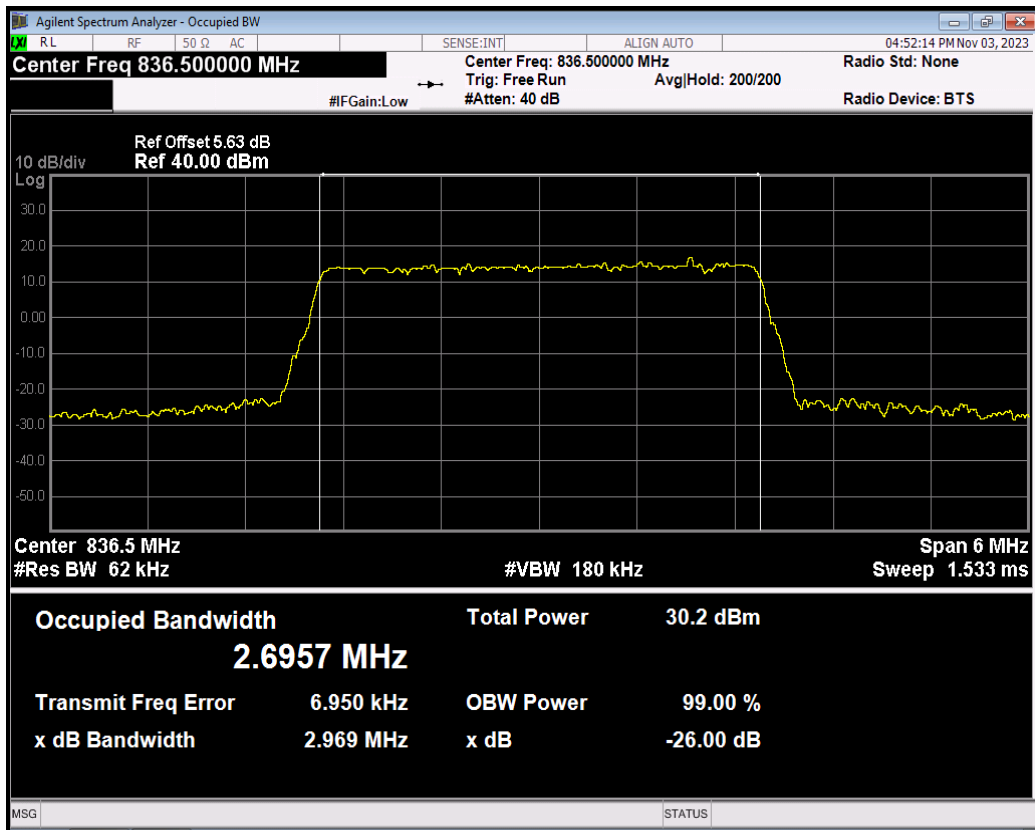


Band26(824-849) 16QAM BW=3MHz Channel=26805 RB Size=15 Position=#0

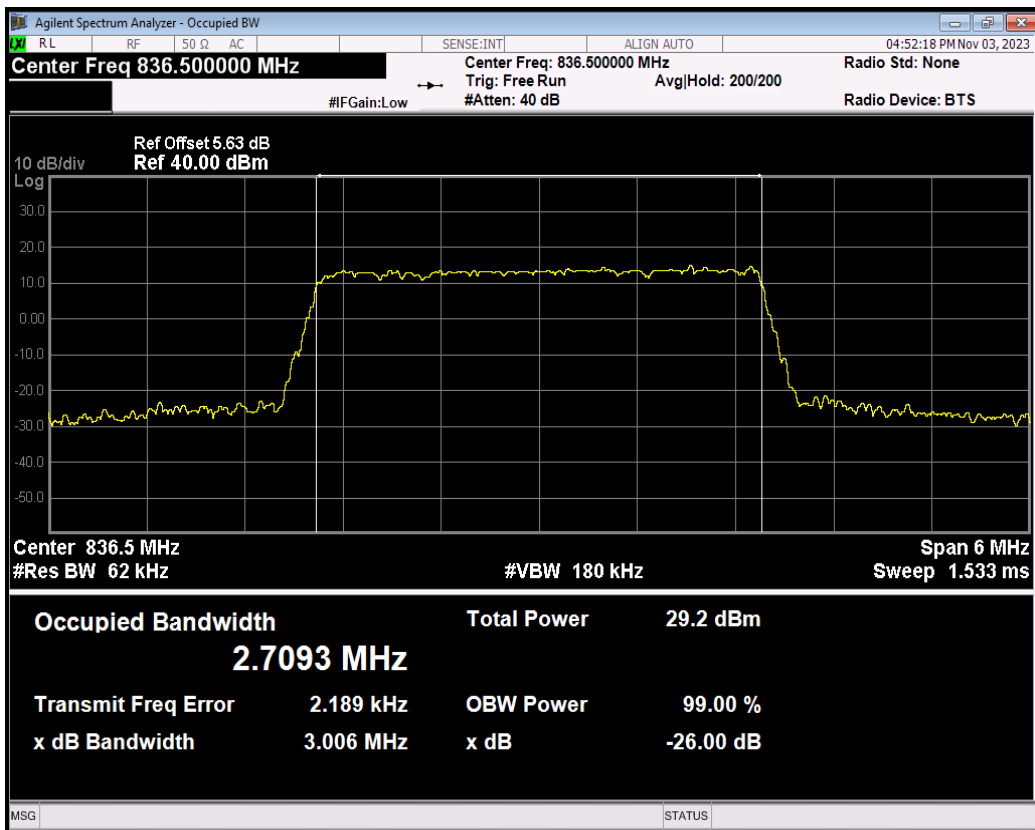




Band26(824-849) QPSK BW=3MHz Channel=26915 RB Size=15 Position=#0

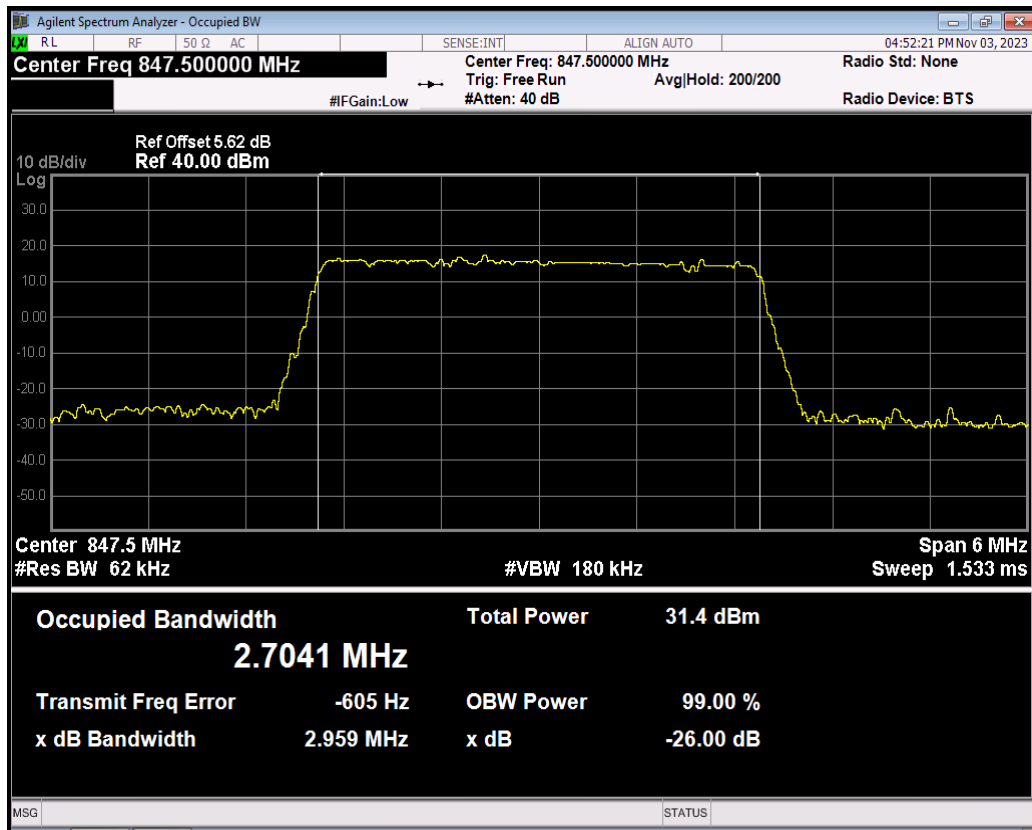


Band26(824-849) 16QAM BW=3MHz Channel=26915 RB Size=15 Position=#0

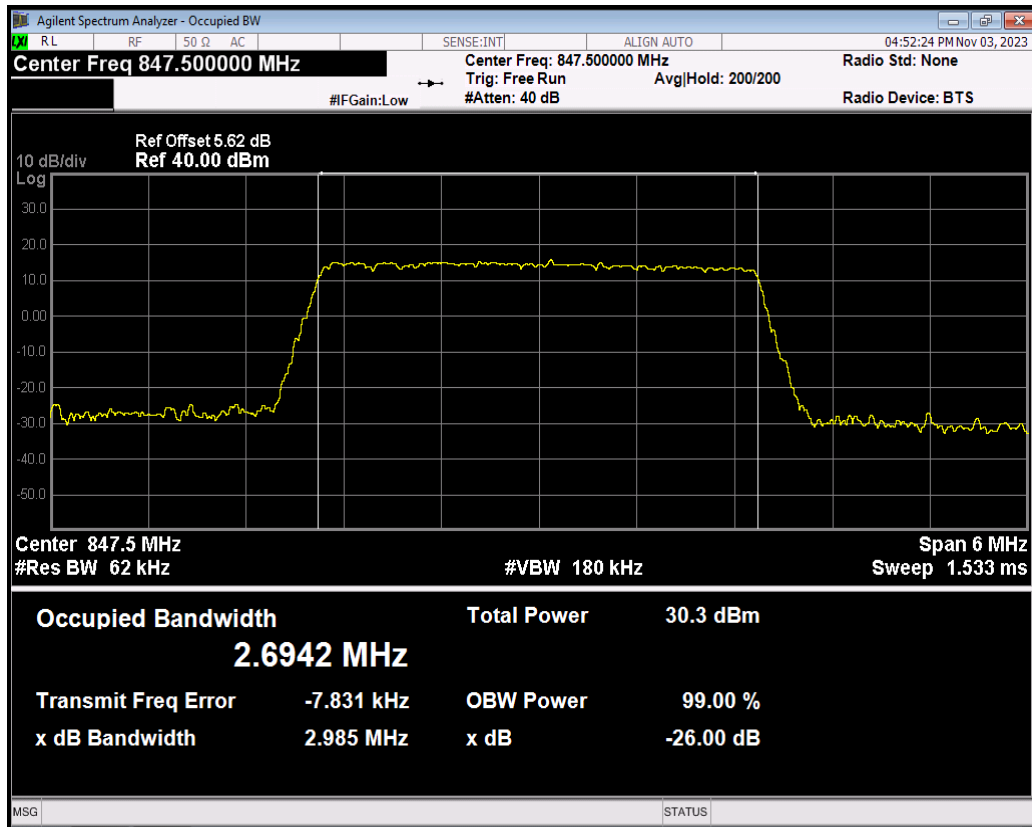




Band26(824-849) QPSK BW=3MHz Channel=27025 RB Size=15 Position=#0

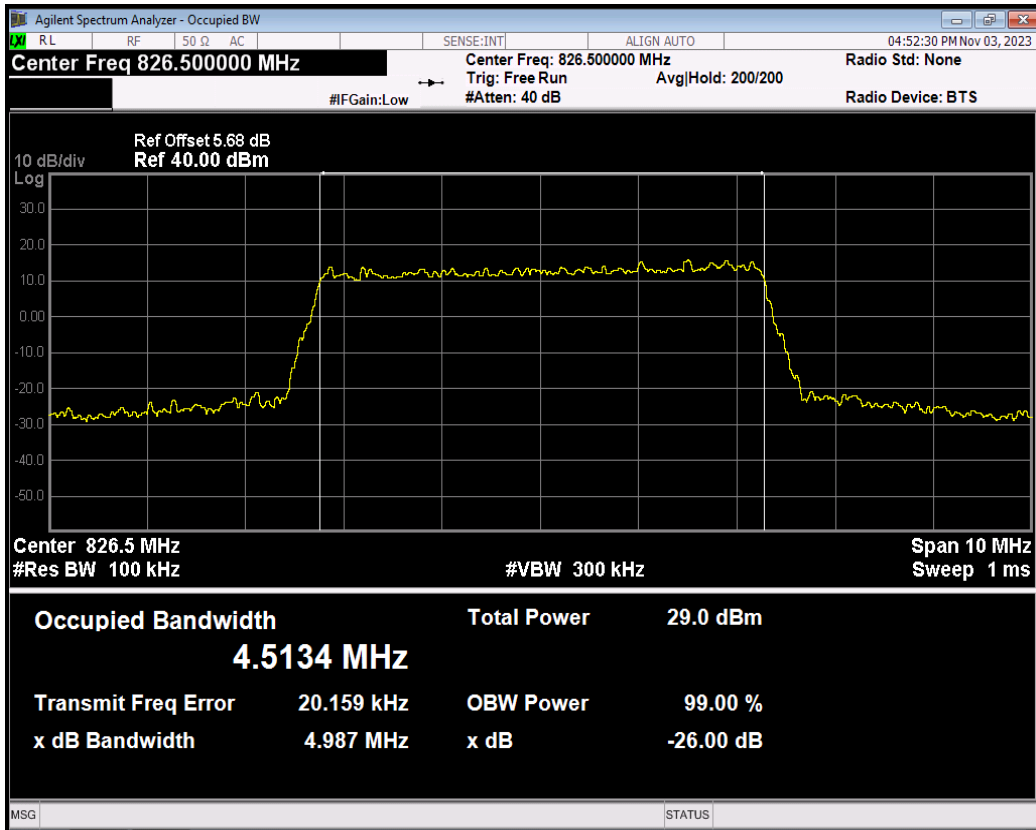


Band26(824-849) 16QAM BW=3MHz Channel=27025 RB Size=15 Position=#0

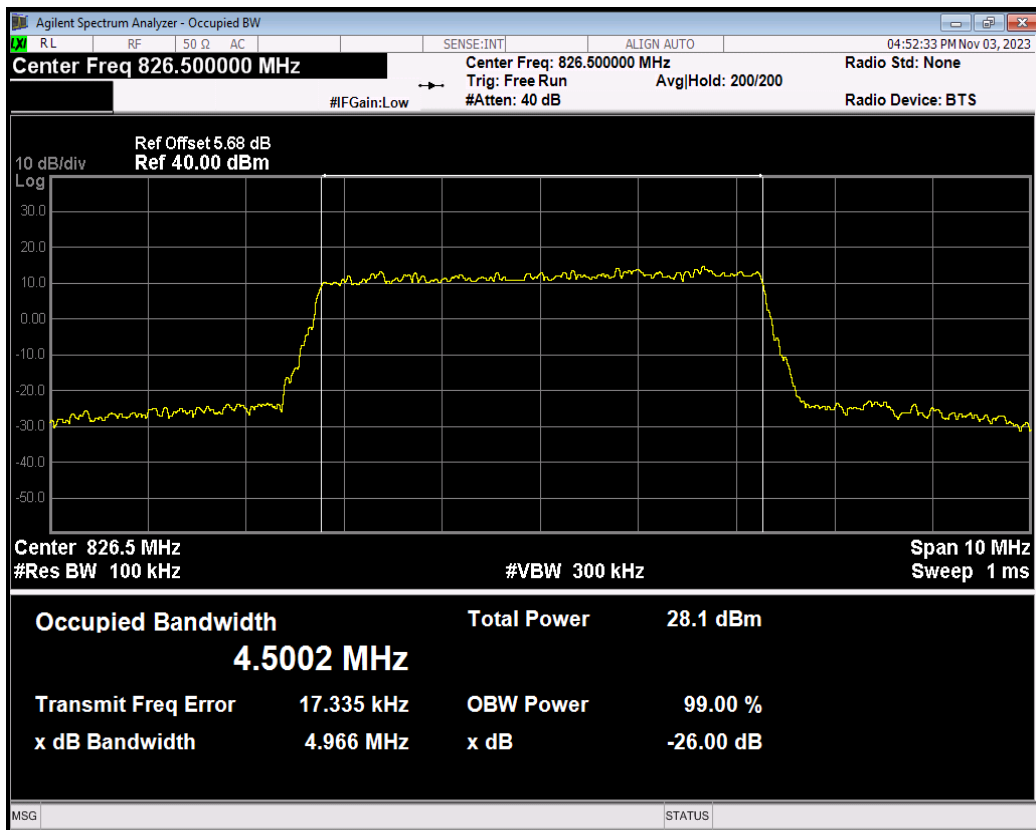




Band26(824-849) QPSK BW=5MHz Channel=26815 RB Size=25 Position=#0

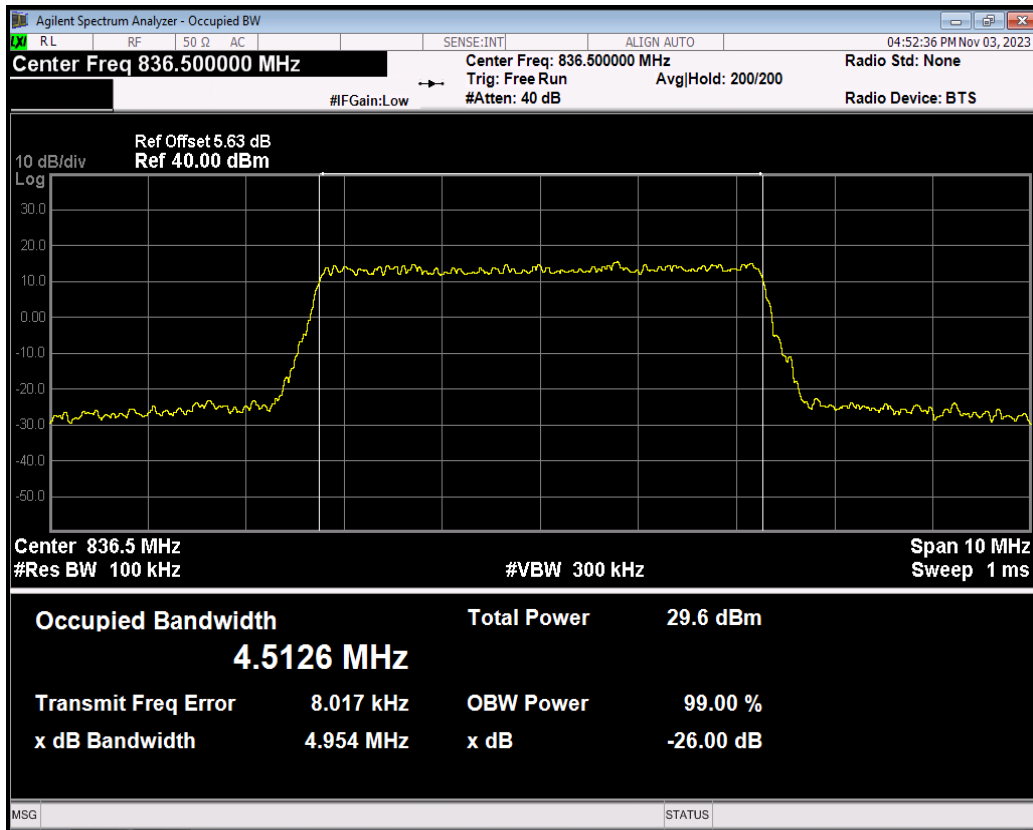


Band26(824-849) 16QAM BW=5MHz Channel=26815 RB Size=25 Position=#0

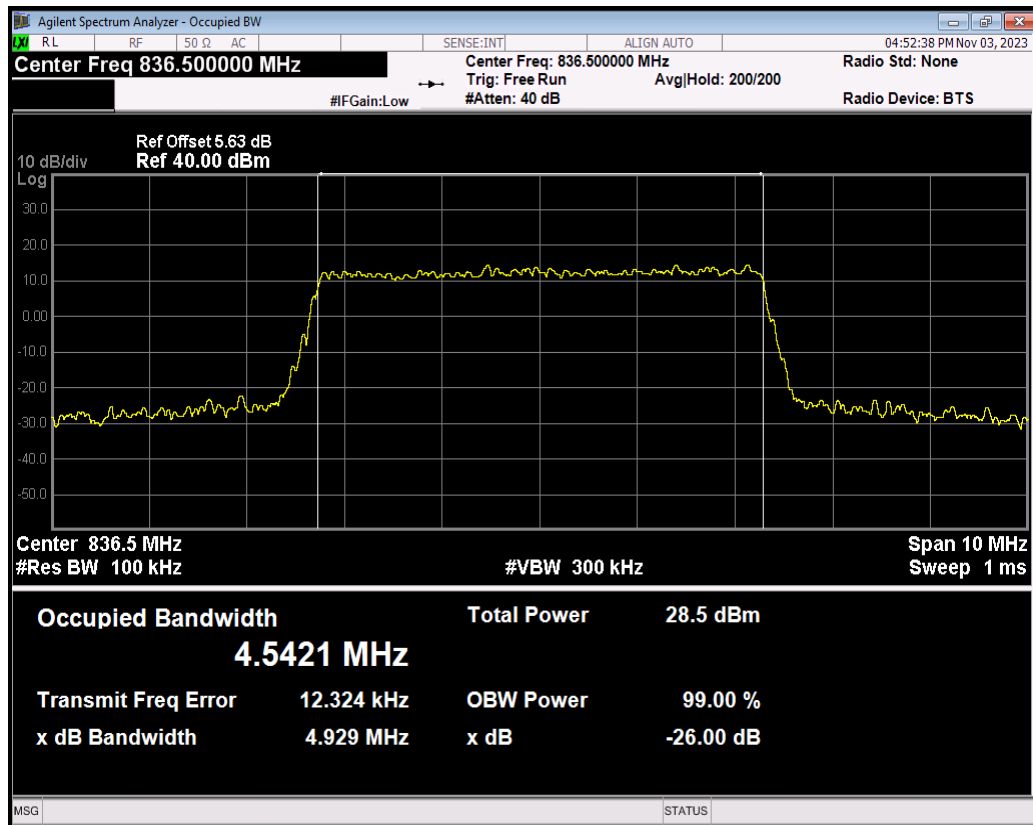




Band26(824-849) QPSK BW=5MHz Channel=26915 RB Size=25 Position=#0

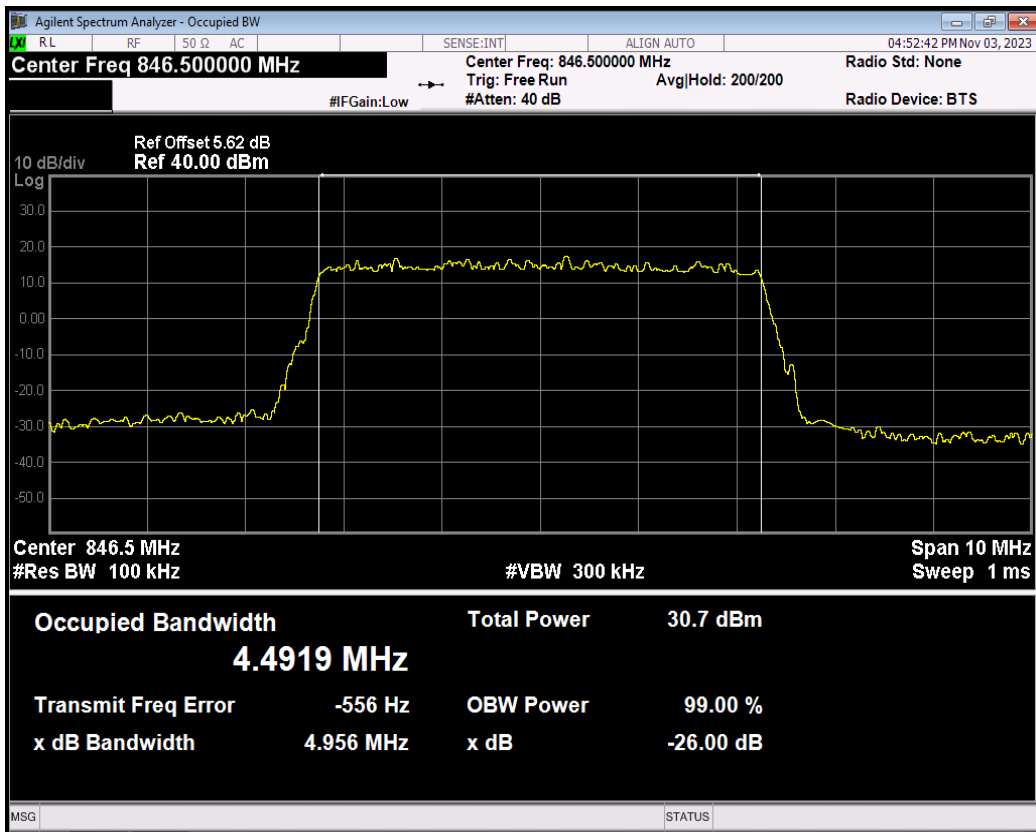


Band26(824-849) 16QAM BW=5MHz Channel=26915 RB Size=25 Position=#0

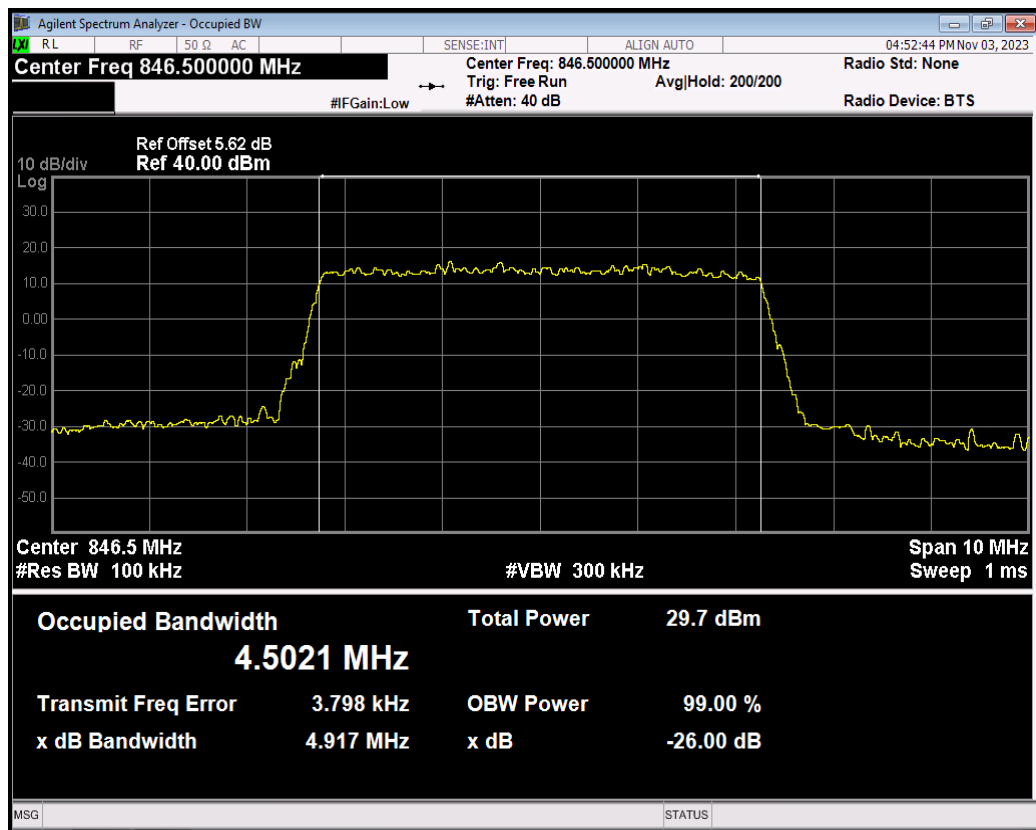




Band26(824-849) QPSK BW=5MHz Channel=27015 RB Size=25 Position=#0

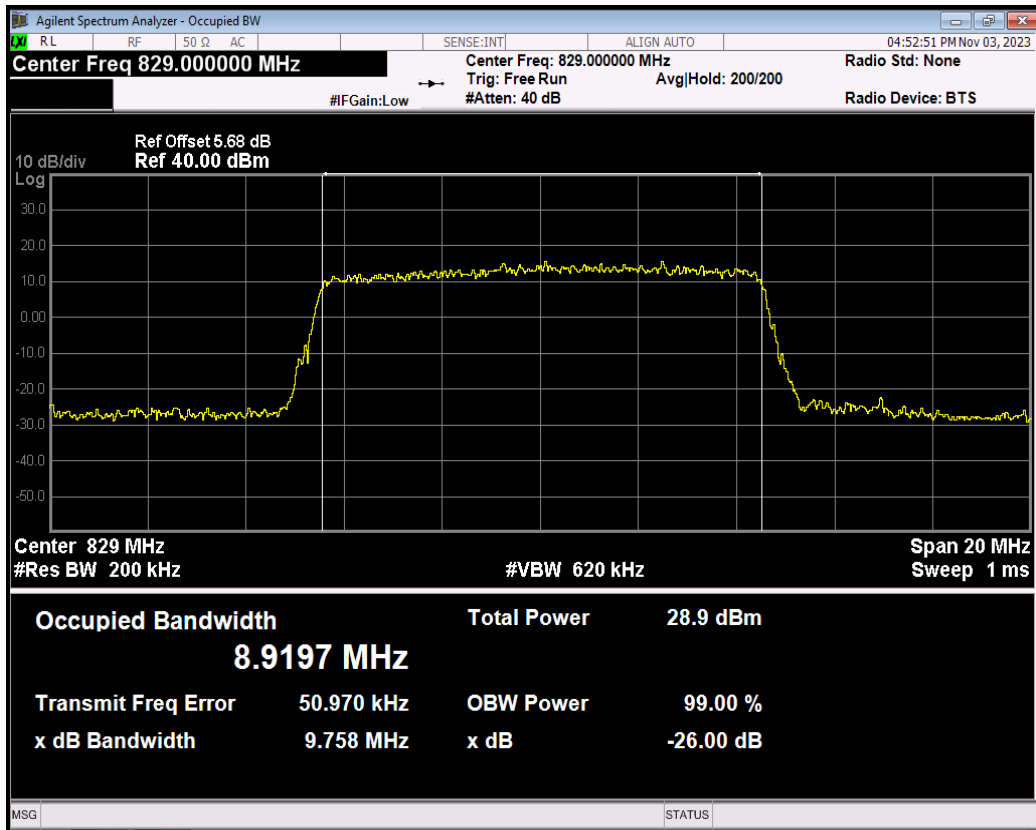


Band26(824-849) 16QAM BW=5MHz Channel=27015 RB Size=25 Position=#0

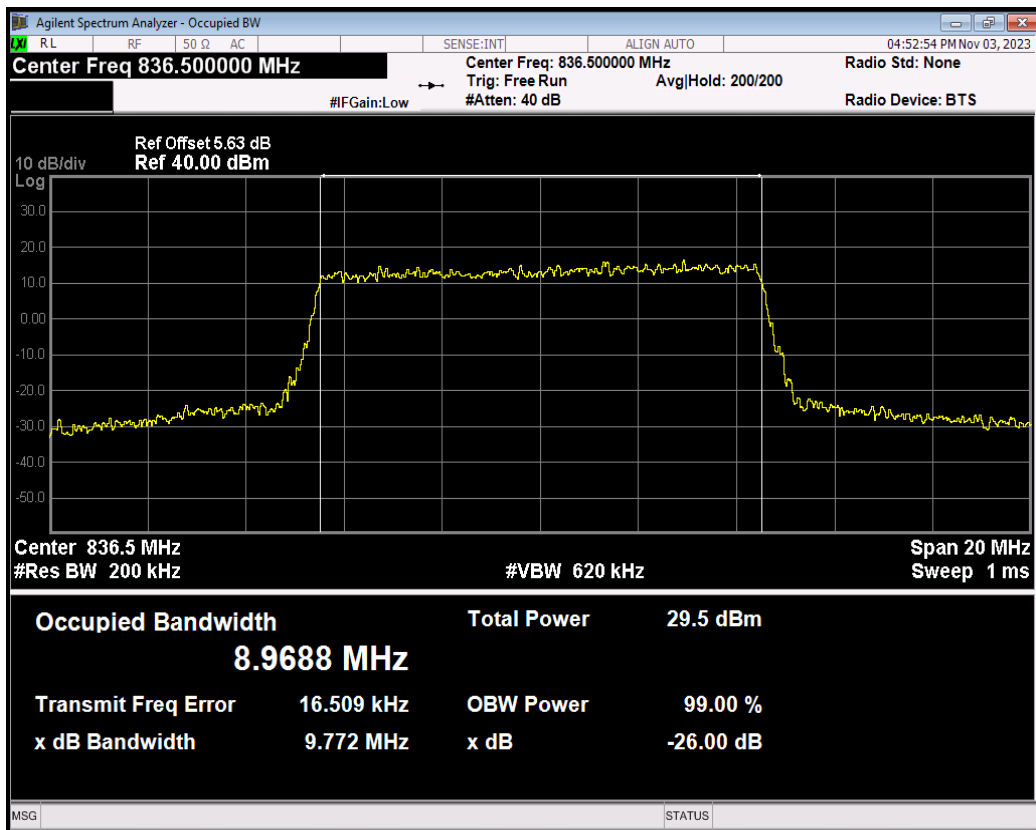




Band26(824-849) QPSK BW=10MHz Channel=26840 RB Size=50 Position=#0

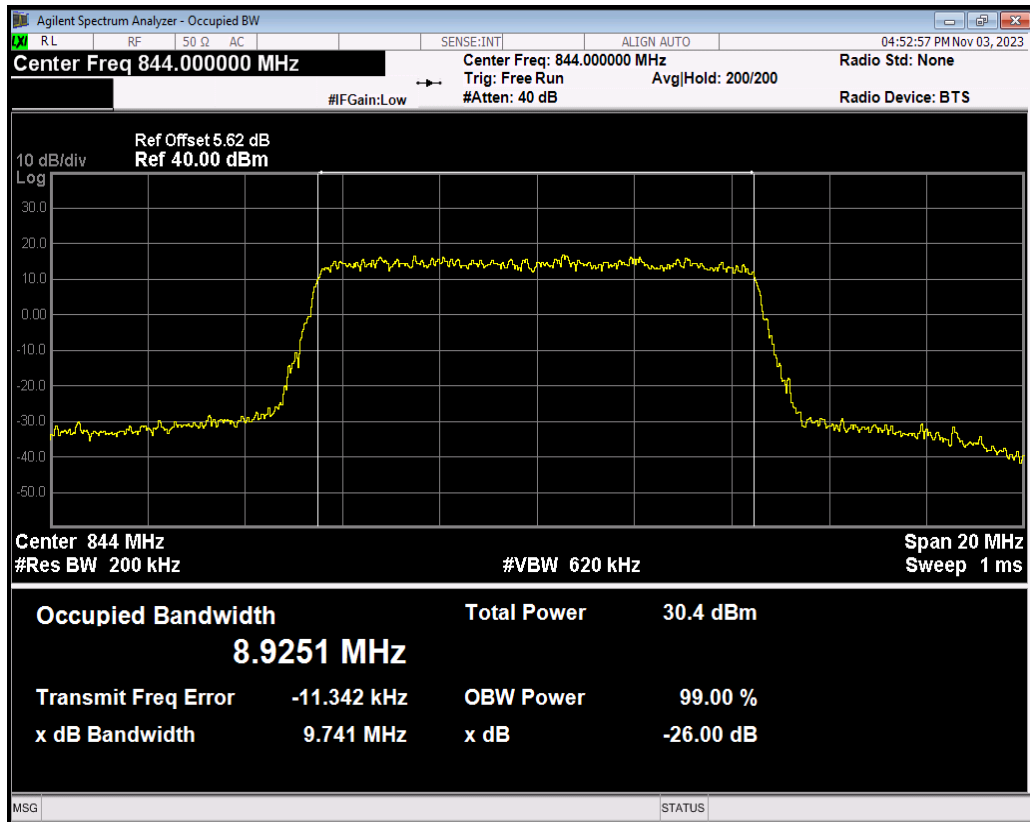


Band26(824-849) QPSK BW=10MHz Channel=26915 RB Size=50 Position=#0

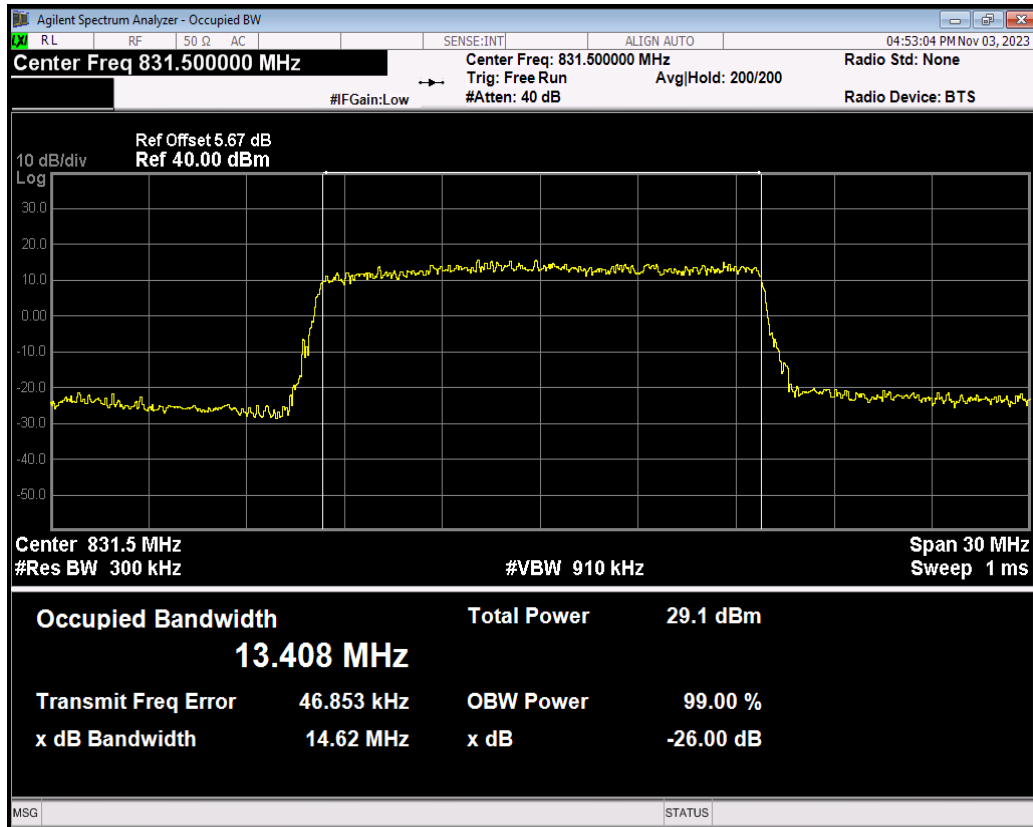




Band26(824-849) QPSK BW=10MHz Channel=26990 RB Size=50 Position=#0

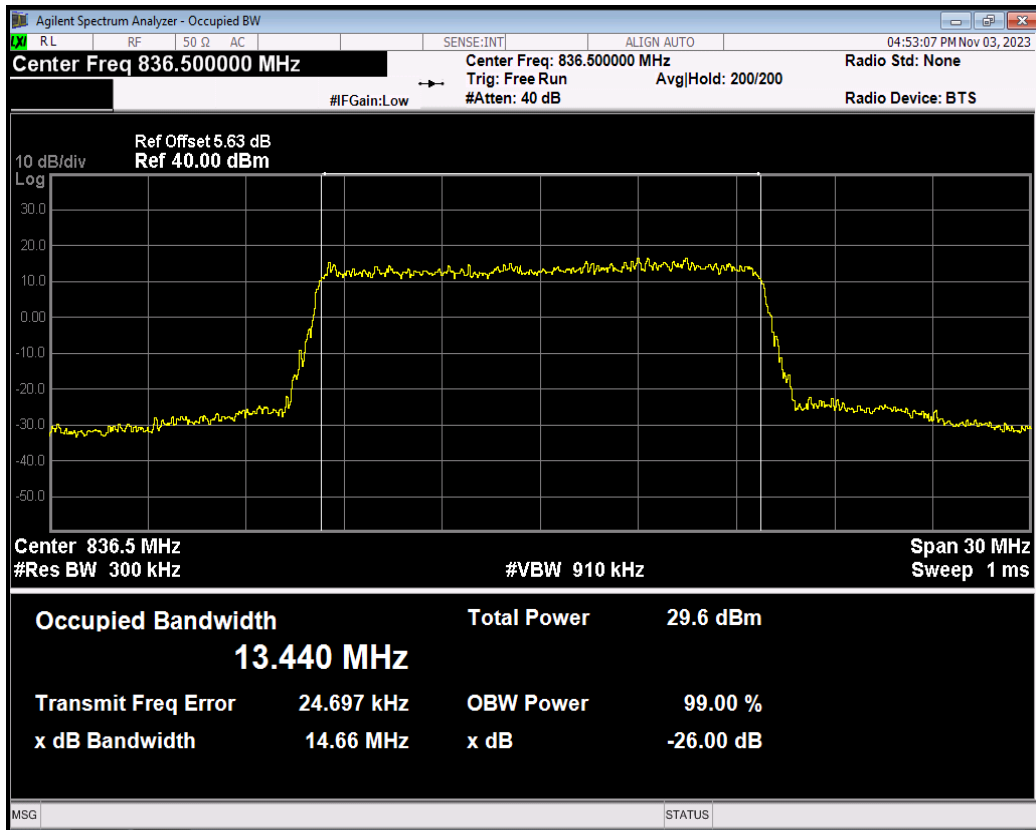


Band26(824-849) QPSK BW=15MHz Channel=26865 RB Size=75 Position=#0

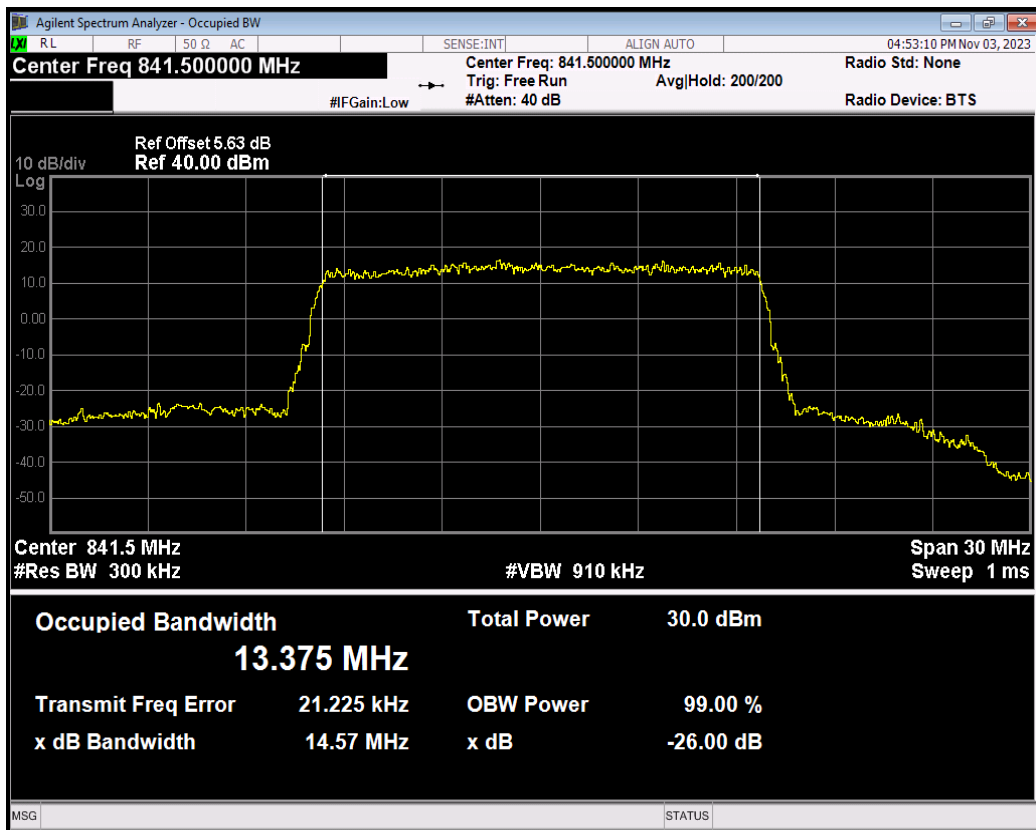




Band26(824-849) QPSK BW=15MHz Channel=26915 RB Size=75 Position=#0



Band26(824-849) QPSK BW=15MHz Channel=26965 RB Size=75 Position=#0



Appendix 5. Band edge

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band26(824-849)	1.4	26797	6	#0	QPSK	824.00	-29.30	-13	PASS
Band26(824-849)	1.4	26797	6	#0	16QAM	824.00	-30.95	-13	PASS
Band26(824-849)	1.4	27033	6	#0	QPSK	849.01	-31.83	-13	PASS
Band26(824-849)	1.4	27033	6	#0	16QAM	849.01	-33.45	-13	PASS
Band26(824-849)	3	26805	15	#0	QPSK	824.00	-28.51	-13	PASS
Band26(824-849)	3	26805	15	#0	16QAM	824.00	-30.55	-13	PASS
Band26(824-849)	3	27025	15	#0	QPSK	849.00	-29.55	-13	PASS
Band26(824-849)	3	27025	15	#0	16QAM	849.00	-29.78	-13	PASS
Band26(824-849)	5	26815	25	#0	QPSK	823.99	-31.71	-13	PASS
Band26(824-849)	5	26815	25	#0	16QAM	824.00	-31.91	-13	PASS
Band26(824-849)	5	27015	25	#0	QPSK	849.00	-31.59	-13	PASS
Band26(824-849)	5	27015	25	#0	16QAM	849.00	-31.32	-13	PASS
Band26(824-849)	10	26840	50	#0	QPSK	824.00	-34.67	-13	PASS
Band26(824-849)	10	26990	50	#0	QPSK	849.00	-35.92	-13	PASS
Band26(824-849)	15	26865	75	#0	QPSK	817.55	-32.62	-13	PASS
Band26(824-849)	15	26965	75	#0	QPSK	849.87	-34.77	-13	PASS

