

Appendix for Band 25

Report No.: BCTC2410177766-3E

Applicant: GEM ONE NV

Product Name: Onyx V4

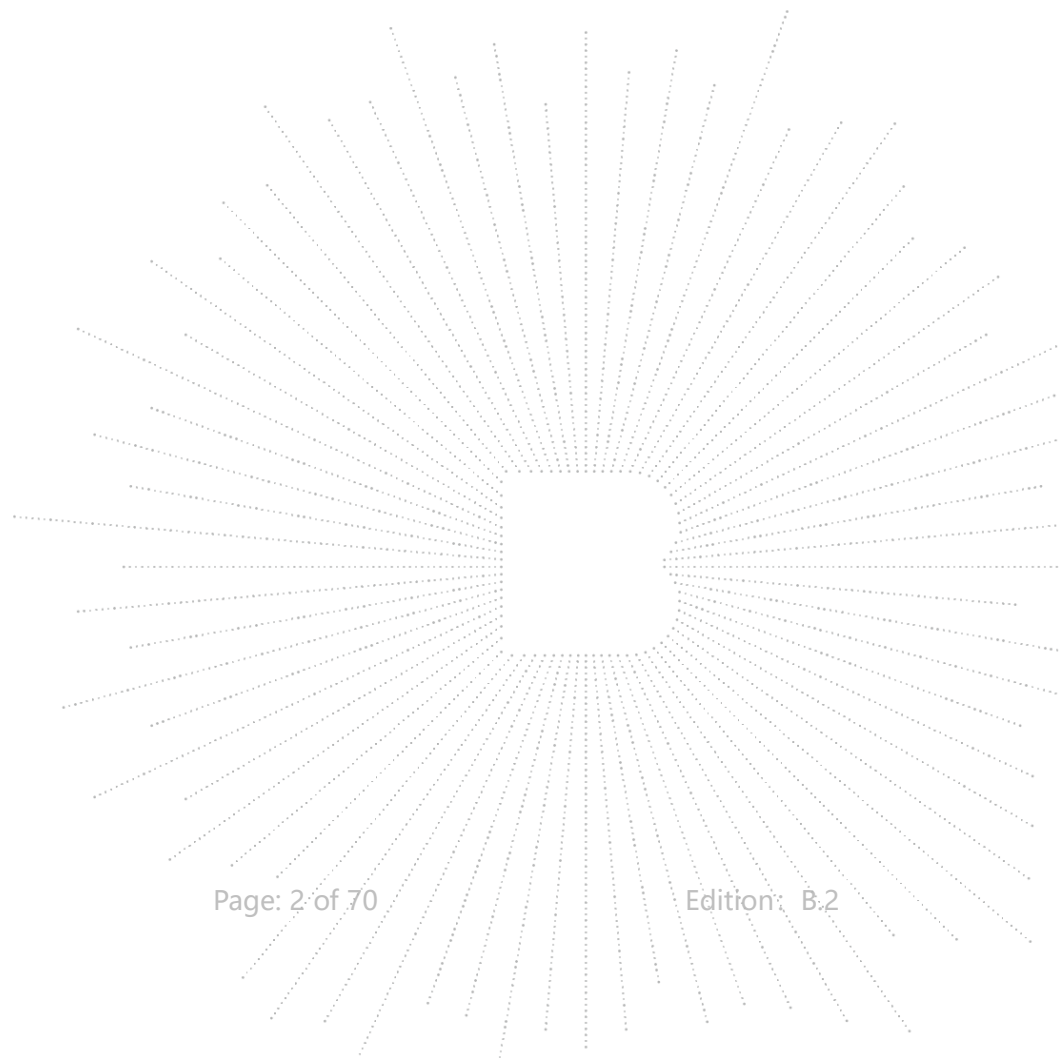
Test Model: Onyx V4

Tested Date: 2024-10-28 to 2024-11-11

Shenzhen BCTC Testing Co., Ltd.

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Appendix 1. Effective Radiated Power and Effective Isotropic Radiated Power Measurement

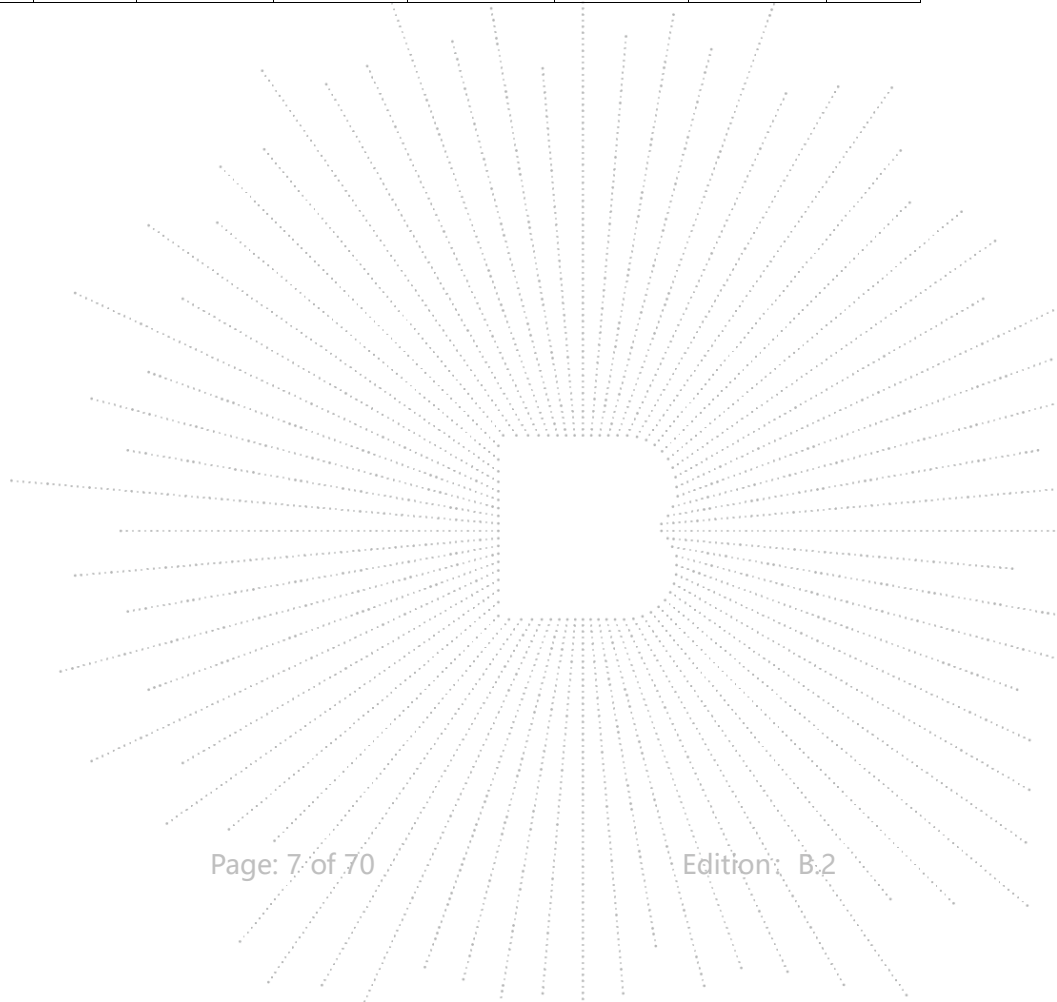
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Gain (dBm)	EIRP (dBm)	Verdict
Band25	1.4	26047	1	#0	QPSK	22.62	3.61	26.23	PASS
Band25	1.4	26047	1	#Mid	QPSK	23.04	3.61	26.65	PASS
Band25	1.4	26047	1	#Max	QPSK	22.35	3.61	25.96	PASS
Band25	1.4	26047	3	#0	QPSK	22.79	3.61	26.40	PASS
Band25	1.4	26047	3	#Mid	QPSK	22.99	3.61	26.60	PASS
Band25	1.4	26047	3	#Max	QPSK	22.46	3.61	26.07	PASS
Band25	1.4	26047	6	#0	QPSK	21.67	3.61	25.28	PASS
Band25	1.4	26047	1	#0	16QAM	21.76	3.61	25.37	PASS
Band25	1.4	26047	1	#Mid	16QAM	22.24	3.61	25.85	PASS
Band25	1.4	26047	1	#Max	16QAM	21.56	3.61	25.17	PASS
Band25	1.4	26047	3	#0	16QAM	22.04	3.61	25.65	PASS
Band25	1.4	26047	3	#Mid	16QAM	22.26	3.61	25.87	PASS
Band25	1.4	26047	3	#Max	16QAM	21.74	3.61	25.35	PASS
Band25	1.4	26047	6	#0	16QAM	20.87	3.61	24.48	PASS
Band25	1.4	26365	1	#0	QPSK	22.93	3.61	26.54	PASS
Band25	1.4	26365	1	#Mid	QPSK	23.55	3.61	27.16	PASS
Band25	1.4	26365	1	#Max	QPSK	22.68	3.61	26.29	PASS
Band25	1.4	26365	3	#0	QPSK	23.33	3.61	26.94	PASS
Band25	1.4	26365	3	#Mid	QPSK	23.50	3.61	27.11	PASS
Band25	1.4	26365	3	#Max	QPSK	23.20	3.61	26.81	PASS
Band25	1.4	26365	6	#0	QPSK	22.27	3.61	25.88	PASS
Band25	1.4	26365	1	#0	16QAM	22.08	3.61	25.69	PASS
Band25	1.4	26365	1	#Mid	16QAM	22.75	3.61	26.36	PASS
Band25	1.4	26365	1	#Max	16QAM	21.95	3.61	25.56	PASS
Band25	1.4	26365	3	#0	16QAM	22.58	3.61	26.19	PASS
Band25	1.4	26365	3	#Mid	16QAM	22.78	3.61	26.39	PASS
Band25	1.4	26365	3	#Max	16QAM	22.48	3.61	26.09	PASS
Band25	1.4	26365	6	#0	16QAM	21.49	3.61	25.10	PASS
Band25	1.4	26683	1	#0	QPSK	23.02	3.61	26.63	PASS
Band25	1.4	26683	1	#Mid	QPSK	23.06	3.61	26.67	PASS
Band25	1.4	26683	1	#Max	QPSK	22.31	3.61	25.92	PASS
Band25	1.4	26683	3	#0	QPSK	23.20	3.61	26.81	PASS
Band25	1.4	26683	3	#Mid	QPSK	23.25	3.61	26.86	PASS
Band25	1.4	26683	3	#Max	QPSK	22.37	3.61	25.98	PASS
Band25	1.4	26683	6	#0	QPSK	21.71	3.61	25.32	PASS
Band25	1.4	26683	1	#0	16QAM	22.05	3.61	25.66	PASS

Band25	1.4	26683	1	#Mid	16QAM	22.09	3.61	25.70	PASS
Band25	1.4	26683	1	#Max	16QAM	21.30	3.61	24.91	PASS
Band25	1.4	26683	3	#0	16QAM	22.57	3.61	26.18	PASS
Band25	1.4	26683	3	#Mid	16QAM	22.65	3.61	26.26	PASS
Band25	1.4	26683	3	#Max	16QAM	21.73	3.61	25.34	PASS
Band25	1.4	26683	6	#0	16QAM	21.00	3.61	24.61	PASS
Band25	3	26055	1	#0	QPSK	22.65	3.61	26.26	PASS
Band25	3	26055	1	#Mid	QPSK	23.18	3.61	26.79	PASS
Band25	3	26055	1	#Max	QPSK	22.11	3.61	25.72	PASS
Band25	3	26055	8	#0	QPSK	21.77	3.61	25.38	PASS
Band25	3	26055	8	#Mid	QPSK	21.99	3.61	25.60	PASS
Band25	3	26055	8	#Max	QPSK	21.67	3.61	25.28	PASS
Band25	3	26055	15	#0	QPSK	21.68	3.61	25.29	PASS
Band25	3	26055	1	#0	16QAM	22.19	3.61	25.80	PASS
Band25	3	26055	1	#Mid	16QAM	22.77	3.61	26.38	PASS
Band25	3	26055	1	#Max	16QAM	21.71	3.61	25.32	PASS
Band25	3	26055	8	#0	16QAM	20.85	3.61	24.46	PASS
Band25	3	26055	8	#Mid	16QAM	21.05	3.61	24.66	PASS
Band25	3	26055	8	#Max	16QAM	20.71	3.61	24.32	PASS
Band25	3	26055	15	#0	16QAM	20.77	3.61	24.38	PASS
Band25	3	26365	1	#0	QPSK	23.22	3.61	26.83	PASS
Band25	3	26365	1	#Mid	QPSK	24.03	3.61	27.64	PASS
Band25	3	26365	1	#Max	QPSK	22.60	3.61	26.21	PASS
Band25	3	26365	8	#0	QPSK	22.52	3.61	26.13	PASS
Band25	3	26365	8	#Mid	QPSK	22.69	3.61	26.30	PASS
Band25	3	26365	8	#Max	QPSK	22.33	3.61	25.94	PASS
Band25	3	26365	15	#0	QPSK	22.40	3.61	26.01	PASS
Band25	3	26365	1	#0	16QAM	22.36	3.61	25.97	PASS
Band25	3	26365	1	#Mid	16QAM	23.27	3.61	26.88	PASS
Band25	3	26365	1	#Max	16QAM	21.84	3.61	25.45	PASS
Band25	3	26365	8	#0	16QAM	21.60	3.61	25.21	PASS
Band25	3	26365	8	#Mid	16QAM	21.76	3.61	25.37	PASS
Band25	3	26365	8	#Max	16QAM	21.35	3.61	24.96	PASS
Band25	3	26365	15	#0	16QAM	21.44	3.61	25.05	PASS
Band25	3	26675	1	#0	QPSK	23.16	3.61	26.77	PASS
Band25	3	26675	1	#Mid	QPSK	23.62	3.61	27.23	PASS
Band25	3	26675	1	#Max	QPSK	22.06	3.61	25.67	PASS
Band25	3	26675	8	#0	QPSK	22.24	3.61	25.85	PASS
Band25	3	26675	8	#Mid	QPSK	22.36	3.61	25.97	PASS
Band25	3	26675	8	#Max	QPSK	21.81	3.61	25.42	PASS
Band25	3	26675	15	#0	QPSK	22.00	3.61	25.61	PASS
Band25	3	26675	1	#0	16QAM	22.08	3.61	25.69	PASS
Band25	3	26675	1	#Mid	16QAM	22.57	3.61	26.18	PASS

Band25	3	26675	1	#Max	16QAM	20.98	3.61	24.59	PASS
Band25	3	26675	8	#0	16QAM	21.29	3.61	24.90	PASS
Band25	3	26675	8	#Mid	16QAM	21.45	3.61	25.06	PASS
Band25	3	26675	8	#Max	16QAM	20.95	3.61	24.56	PASS
Band25	3	26675	15	#0	16QAM	21.19	3.61	24.80	PASS
Band25	5	26065	1	#0	QPSK	22.77	3.61	26.38	PASS
Band25	5	26065	1	#Mid	QPSK	22.54	3.61	26.15	PASS
Band25	5	26065	1	#Max	QPSK	22.13	3.61	25.74	PASS
Band25	5	26065	12	#0	QPSK	21.61	3.61	25.22	PASS
Band25	5	26065	12	#Mid	QPSK	21.54	3.61	25.15	PASS
Band25	5	26065	12	#Max	QPSK	21.30	3.61	24.91	PASS
Band25	5	26065	25	#0	QPSK	21.64	3.61	25.25	PASS
Band25	5	26065	1	#0	16QAM	22.28	3.61	25.89	PASS
Band25	5	26065	1	#Mid	16QAM	22.10	3.61	25.71	PASS
Band25	5	26065	1	#Max	16QAM	21.64	3.61	25.25	PASS
Band25	5	26065	12	#0	16QAM	20.66	3.61	24.27	PASS
Band25	5	26065	12	#Mid	16QAM	20.62	3.61	24.23	PASS
Band25	5	26065	12	#Max	16QAM	20.37	3.61	23.98	PASS
Band25	5	26065	25	#0	16QAM	20.68	3.61	24.29	PASS
Band25	5	26365	1	#0	QPSK	23.25	3.61	26.86	PASS
Band25	5	26365	1	#Mid	QPSK	23.26	3.61	26.87	PASS
Band25	5	26365	1	#Max	QPSK	22.66	3.61	26.27	PASS
Band25	5	26365	12	#0	QPSK	22.32	3.61	25.93	PASS
Band25	5	26365	12	#Mid	QPSK	22.17	3.61	25.78	PASS
Band25	5	26365	12	#Max	QPSK	22.19	3.61	25.80	PASS
Band25	5	26365	25	#0	QPSK	22.38	3.61	25.99	PASS
Band25	5	26365	1	#0	16QAM	22.55	3.61	26.16	PASS
Band25	5	26365	1	#Mid	16QAM	22.69	3.61	26.30	PASS
Band25	5	26365	1	#Max	16QAM	22.08	3.61	25.69	PASS
Band25	5	26365	12	#0	16QAM	21.33	3.61	24.94	PASS
Band25	5	26365	12	#Mid	16QAM	21.22	3.61	24.83	PASS
Band25	5	26365	12	#Max	16QAM	21.22	3.61	24.83	PASS
Band25	5	26365	25	#0	16QAM	21.47	3.61	25.08	PASS
Band25	5	26665	1	#0	QPSK	22.74	3.61	26.35	PASS
Band25	5	26665	1	#Mid	QPSK	23.00	3.61	26.61	PASS
Band25	5	26665	1	#Max	QPSK	22.51	3.61	26.12	PASS
Band25	5	26665	12	#0	QPSK	22.15	3.61	25.76	PASS
Band25	5	26665	12	#Mid	QPSK	22.27	3.61	25.88	PASS
Band25	5	26665	12	#Max	QPSK	22.39	3.61	26.00	PASS
Band25	5	26665	25	#0	QPSK	21.99	3.61	25.60	PASS
Band25	5	26665	1	#0	16QAM	22.12	3.61	25.73	PASS
Band25	5	26665	1	#Mid	16QAM	22.43	3.61	26.04	PASS
Band25	5	26665	1	#Max	16QAM	21.95	3.61	25.56	PASS

Band25	5	26665	12	#0	16QAM	21.25	3.61	24.86	PASS
Band25	5	26665	12	#Mid	16QAM	21.40	3.61	25.01	PASS
Band25	5	26665	12	#Max	16QAM	21.50	3.61	25.11	PASS
Band25	5	26665	25	#0	16QAM	21.04	3.61	24.65	PASS
Band25	10	26090	1	#0	QPSK	22.57	3.61	26.18	PASS
Band25	10	26090	1	#Mid	QPSK	22.79	3.61	26.40	PASS
Band25	10	26090	1	#Max	QPSK	22.95	3.61	26.56	PASS
Band25	10	26090	25	#0	QPSK	21.68	3.61	25.29	PASS
Band25	10	26090	25	#Mid	QPSK	21.62	3.61	25.23	PASS
Band25	10	26090	25	#Max	QPSK	21.55	3.61	25.16	PASS
Band25	10	26090	50	#0	QPSK	21.74	3.61	25.35	PASS
Band25	10	26365	1	#0	QPSK	23.54	3.61	27.15	PASS
Band25	10	26365	1	#Mid	QPSK	23.59	3.61	27.20	PASS
Band25	10	26365	1	#Max	QPSK	22.63	3.61	26.24	PASS
Band25	10	26365	25	#0	QPSK	22.81	3.61	26.42	PASS
Band25	10	26365	25	#Mid	QPSK	22.50	3.61	26.11	PASS
Band25	10	26365	25	#Max	QPSK	22.10	3.61	25.71	PASS
Band25	10	26365	50	#0	QPSK	22.47	3.61	26.08	PASS
Band25	10	26640	1	#0	QPSK	23.23	3.61	26.84	PASS
Band25	10	26640	1	#Mid	QPSK	23.15	3.61	26.76	PASS
Band25	10	26640	1	#Max	QPSK	22.82	3.61	26.43	PASS
Band25	10	26640	25	#0	QPSK	22.29	3.61	25.90	PASS
Band25	10	26640	25	#Mid	QPSK	22.46	3.61	26.07	PASS
Band25	10	26640	25	#Max	QPSK	22.69	3.61	26.30	PASS
Band25	10	26640	50	#0	QPSK	22.23	3.61	25.84	PASS
Band25	20	26140	1	#0	QPSK	22.81	3.61	26.42	PASS
Band25	20	26140	1	#Mid	QPSK	23.29	3.61	26.90	PASS
Band25	20	26140	1	#Max	QPSK	24.54	3.61	28.15	PASS
Band25	20	26140	50	#0	QPSK	21.97	3.61	25.58	PASS
Band25	20	26140	50	#Mid	QPSK	22.42	3.61	26.03	PASS
Band25	20	26140	50	#Max	QPSK	23.36	3.61	26.97	PASS
Band25	20	26140	100	#0	QPSK	22.31	3.61	25.92	PASS
Band25	20	26365	1	#0	QPSK	24.72	3.61	28.33	PASS
Band25	20	26365	1	#Mid	QPSK	23.73	3.61	27.34	PASS
Band25	20	26365	1	#Max	QPSK	22.93	3.61	26.54	PASS
Band25	20	26365	50	#0	QPSK	23.38	3.61	26.99	PASS
Band25	20	26365	50	#Mid	QPSK	22.88	3.61	26.49	PASS
Band25	20	26365	50	#Max	QPSK	22.28	3.61	25.89	PASS
Band25	20	26365	100	#0	QPSK	22.58	3.61	26.19	PASS
Band25	20	26590	1	#0	QPSK	24.03	3.61	27.64	PASS
Band25	20	26590	1	#Mid	QPSK	23.51	3.61	27.12	PASS
Band25	20	26590	1	#Max	QPSK	23.56	3.61	27.17	PASS
Band25	20	26590	50	#0	QPSK	23.05	3.61	26.66	PASS

Band25	20	26590	50	#Mid	QPSK	22.28	3.61	25.89	PASS
Band25	20	26590	50	#Max	QPSK	22.52	3.61	26.13	PASS
Band25	20	26590	100	#0	QPSK	22.72	3.61	26.33	PASS
Band25	15	26115	1	#0	QPSK	23.27	3.61	26.88	PASS
Band25	15	26115	1	#Mid	QPSK	23.53	3.61	27.14	PASS
Band25	15	26115	1	#Max	QPSK	23.64	3.61	27.25	PASS
Band25	15	26115	36	#0	QPSK	22.46	3.61	26.07	PASS
Band25	15	26115	36	#Mid	QPSK	22.44	3.61	26.05	PASS
Band25	15	26115	36	#Max	QPSK	22.57	3.61	26.18	PASS
Band25	15	26115	75	#0	QPSK	22.46	3.61	26.07	PASS
Band25	15	26365	1	#0	QPSK	23.38	3.61	26.99	PASS
Band25	15	26365	1	#Mid	QPSK	23.53	3.61	27.14	PASS
Band25	15	26365	1	#Max	QPSK	23.60	3.61	27.21	PASS
Band25	15	26365	36	#0	QPSK	22.54	3.61	26.15	PASS
Band25	15	26365	36	#Mid	QPSK	22.60	3.61	26.21	PASS
Band25	15	26365	36	#Max	QPSK	22.47	3.61	26.08	PASS
Band25	15	26365	75	#0	QPSK	22.46	3.61	26.07	PASS
Band25	15	26615	1	#0	QPSK	23.30	3.61	26.91	PASS
Band25	15	26615	1	#Mid	QPSK	23.74	3.61	27.35	PASS
Band25	15	26615	1	#Max	QPSK	23.96	3.61	27.57	PASS
Band25	15	26615	36	#0	QPSK	22.73	3.61	26.34	PASS
Band25	15	26615	36	#Mid	QPSK	22.80	3.61	26.41	PASS
Band25	15	26615	36	#Max	QPSK	23.02	3.61	26.63	PASS
Band25	15	26615	75	#0	QPSK	22.74	3.61	26.35	PASS



Appendix 2. Frequency stability

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Voltage (Vdc)	Temperatue (C)	Result (Hz)	Result (ppm)	Verdict
Band25	1.4	26047	6	#0	QPSK	LV	NT	-7.22	-0.004	PASS
Band25	1.4	26047	6	#0	QPSK	NV	NT	-2.82	-0.002	PASS
Band25	1.4	26047	6	#0	QPSK	HV	NT	7.82	0.004	PASS
Band25	1.4	26047	6	#0	16QAM	LV	NT	2.19	0.001	PASS
Band25	1.4	26047	6	#0	16QAM	NV	NT	2.39	0.001	PASS
Band25	1.4	26047	6	#0	16QAM	HV	NT	3.55	0.002	PASS
Band25	1.4	26365	6	#0	QPSK	LV	NT	-5.12	-0.003	PASS
Band25	1.4	26365	6	#0	QPSK	NV	NT	-0.80	0.000	PASS
Band25	1.4	26365	6	#0	QPSK	HV	NT	0.96	0.001	PASS
Band25	1.4	26365	6	#0	16QAM	LV	NT	5.11	0.003	PASS
Band25	1.4	26365	6	#0	16QAM	NV	NT	5.97	0.003	PASS
Band25	1.4	26365	6	#0	16QAM	HV	NT	1.80	0.001	PASS
Band25	1.4	26683	6	#0	QPSK	LV	NT	-8.64	-0.005	PASS
Band25	1.4	26683	6	#0	QPSK	NV	NT	-7.74	-0.004	PASS
Band25	1.4	26683	6	#0	QPSK	HV	NT	-3.56	-0.002	PASS
Band25	1.4	26683	6	#0	16QAM	LV	NT	-0.27	0.000	PASS
Band25	1.4	26683	6	#0	16QAM	NV	NT	3.50	0.002	PASS
Band25	1.4	26683	6	#0	16QAM	HV	NT	3.81	0.002	PASS
Band25	3	26055	15	#0	QPSK	LV	NT	-7.08	-0.004	PASS
Band25	3	26055	15	#0	QPSK	NV	NT	-6.14	-0.003	PASS
Band25	3	26055	15	#0	QPSK	HV	NT	5.45	0.003	PASS
Band25	3	26055	15	#0	16QAM	LV	NT	7.37	0.004	PASS
Band25	3	26055	15	#0	16QAM	NV	NT	4.31	0.002	PASS
Band25	3	26055	15	#0	16QAM	HV	NT	7.40	0.004	PASS
Band25	3	26365	15	#0	QPSK	LV	NT	-4.88	-0.003	PASS
Band25	3	26365	15	#0	QPSK	NV	NT	-4.33	-0.002	PASS
Band25	3	26365	15	#0	QPSK	HV	NT	5.68	0.003	PASS
Band25	3	26365	15	#0	16QAM	LV	NT	1.77	0.001	PASS
Band25	3	26365	15	#0	16QAM	NV	NT	5.95	0.003	PASS
Band25	3	26365	15	#0	16QAM	HV	NT	5.59	0.003	PASS
Band25	3	26675	15	#0	QPSK	LV	NT	-6.98	-0.004	PASS
Band25	3	26675	15	#0	QPSK	NV	NT	-7.93	-0.004	PASS
Band25	3	26675	15	#0	QPSK	HV	NT	4.12	0.002	PASS
Band25	3	26675	15	#0	16QAM	LV	NT	6.90	0.004	PASS
Band25	3	26675	15	#0	16QAM	NV	NT	7.58	0.004	PASS
Band25	3	26675	15	#0	16QAM	HV	NT	11.01	0.006	PASS
Band25	5	26065	25	#0	QPSK	LV	NT	-11.92	-0.006	PASS
Band25	5	26065	25	#0	QPSK	NV	NT	-6.74	-0.004	PASS

Band25	5	26065	25	#0	QPSK	HV	NT	4.96	0.003	PASS
Band25	5	26065	25	#0	16QAM	LV	NT	6.97	0.004	PASS
Band25	5	26065	25	#0	16QAM	NV	NT	6.71	0.004	PASS
Band25	5	26065	25	#0	16QAM	HV	NT	2.80	0.002	PASS
Band25	5	26365	25	#0	QPSK	LV	NT	-10.23	-0.005	PASS
Band25	5	26365	25	#0	QPSK	NV	NT	-4.59	-0.002	PASS
Band25	5	26365	25	#0	QPSK	HV	NT	2.62	0.001	PASS
Band25	5	26365	25	#0	16QAM	LV	NT	3.72	0.002	PASS
Band25	5	26365	25	#0	16QAM	NV	NT	7.74	0.004	PASS
Band25	5	26365	25	#0	16QAM	HV	NT	5.26	0.003	PASS
Band25	5	26665	25	#0	QPSK	LV	NT	-3.91	-0.002	PASS
Band25	5	26665	25	#0	QPSK	NV	NT	-6.38	-0.003	PASS
Band25	5	26665	25	#0	QPSK	HV	NT	3.43	0.002	PASS
Band25	5	26665	25	#0	16QAM	LV	NT	3.65	0.002	PASS
Band25	5	26665	25	#0	16QAM	NV	NT	4.84	0.003	PASS
Band25	5	26665	25	#0	16QAM	HV	NT	4.53	0.002	PASS
Band25	10	26090	50	#0	QPSK	LV	NT	-7.94	-0.004	PASS
Band25	10	26090	50	#0	QPSK	NV	NT	4.32	0.002	PASS
Band25	10	26090	50	#0	QPSK	HV	NT	7.08	0.004	PASS
Band25	10	26365	50	#0	QPSK	LV	NT	5.12	0.003	PASS
Band25	10	26365	50	#0	QPSK	NV	NT	3.89	0.002	PASS
Band25	10	26365	50	#0	QPSK	HV	NT	3.28	0.002	PASS
Band25	10	26640	50	#0	QPSK	LV	NT	-4.59	-0.002	PASS
Band25	10	26640	50	#0	QPSK	NV	NT	0.24	0.000	PASS
Band25	10	26640	50	#0	QPSK	HV	NT	3.10	0.002	PASS
Band25	15	26115	75	#0	QPSK	LV	NT	-9.76	-0.005	PASS
Band25	15	26115	75	#0	QPSK	NV	NT	4.25	0.002	PASS
Band25	15	26115	75	#0	QPSK	HV	NT	6.37	0.003	PASS
Band25	15	26365	75	#0	QPSK	LV	NT	2.03	0.001	PASS
Band25	15	26365	75	#0	QPSK	NV	NT	6.57	0.003	PASS
Band25	15	26365	75	#0	QPSK	HV	NT	6.18	0.003	PASS
Band25	15	26615	75	#0	QPSK	LV	NT	-5.15	-0.003	PASS
Band25	15	26615	75	#0	QPSK	NV	NT	5.42	0.003	PASS
Band25	15	26615	75	#0	QPSK	HV	NT	6.31	0.003	PASS
Band25	20	26140	100	#0	QPSK	LV	NT	-9.20	-0.005	PASS
Band25	20	26140	100	#0	QPSK	NV	NT	5.41	0.003	PASS
Band25	20	26140	100	#0	QPSK	HV	NT	3.92	0.002	PASS
Band25	20	26365	100	#0	QPSK	LV	NT	-3.79	-0.002	PASS
Band25	20	26365	100	#0	QPSK	NV	NT	4.38	0.002	PASS
Band25	20	26365	100	#0	QPSK	HV	NT	6.91	0.004	PASS
Band25	20	26590	100	#0	QPSK	LV	NT	-5.92	-0.003	PASS
Band25	20	26590	100	#0	QPSK	NV	NT	6.31	0.003	PASS
Band25	20	26590	100	#0	QPSK	HV	NT	5.71	0.003	PASS

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Voltage (Vdc)	Temperature (C)	Result (Hz)	Result (ppm)	Verdict
Band25	1.4	26047	6	#0	QPSK	NV	-30	-7.34	-0.004	PASS
Band25	1.4	26047	6	#0	QPSK	NV	-20	-5.28	-0.003	PASS
Band25	1.4	26047	6	#0	QPSK	NV	-10	4.78	0.003	PASS
Band25	1.4	26047	6	#0	QPSK	NV	0	7.72	0.004	PASS
Band25	1.4	26047	6	#0	QPSK	NV	10	5.52	0.003	PASS
Band25	1.4	26047	6	#0	QPSK	NV	20	5.61	0.003	PASS
Band25	1.4	26047	6	#0	QPSK	NV	30	7.30	0.004	PASS
Band25	1.4	26047	6	#0	QPSK	NV	40	4.76	0.003	PASS
Band25	1.4	26047	6	#0	QPSK	NV	50	4.76	0.003	PASS
Band25	1.4	26047	6	#0	16QAM	NV	-30	5.61	0.003	PASS
Band25	1.4	26047	6	#0	16QAM	NV	-20	6.25	0.003	PASS
Band25	1.4	26047	6	#0	16QAM	NV	-10	6.39	0.003	PASS
Band25	1.4	26047	6	#0	16QAM	NV	0	2.00	0.001	PASS
Band25	1.4	26047	6	#0	16QAM	NV	10	2.52	0.001	PASS
Band25	1.4	26047	6	#0	16QAM	NV	20	2.75	0.001	PASS
Band25	1.4	26047	6	#0	16QAM	NV	30	2.60	0.001	PASS
Band25	1.4	26047	6	#0	16QAM	NV	40	2.73	0.001	PASS
Band25	1.4	26047	6	#0	16QAM	NV	50	3.20	0.002	PASS
Band25	1.4	26365	6	#0	QPSK	NV	-30	-3.78	-0.002	PASS
Band25	1.4	26365	6	#0	QPSK	NV	-20	-4.32	-0.002	PASS
Band25	1.4	26365	6	#0	QPSK	NV	-10	-5.69	-0.003	PASS
Band25	1.4	26365	6	#0	QPSK	NV	0	0.93	0.000	PASS
Band25	1.4	26365	6	#0	QPSK	NV	10	0.84	0.000	PASS
Band25	1.4	26365	6	#0	QPSK	NV	20	1.24	0.001	PASS
Band25	1.4	26365	6	#0	QPSK	NV	30	-0.77	0.000	PASS
Band25	1.4	26365	6	#0	QPSK	NV	40	-2.40	-0.001	PASS
Band25	1.4	26365	6	#0	QPSK	NV	50	-3.93	-0.002	PASS
Band25	1.4	26365	6	#0	16QAM	NV	-30	-6.35	-0.003	PASS
Band25	1.4	26365	6	#0	16QAM	NV	-20	0.41	0.000	PASS
Band25	1.4	26365	6	#0	16QAM	NV	-10	-0.19	0.000	PASS
Band25	1.4	26365	6	#0	16QAM	NV	0	-3.30	-0.002	PASS
Band25	1.4	26365	6	#0	16QAM	NV	10	-1.85	-0.001	PASS
Band25	1.4	26365	6	#0	16QAM	NV	20	-1.79	-0.001	PASS
Band25	1.4	26365	6	#0	16QAM	NV	30	-5.34	-0.003	PASS
Band25	1.4	26365	6	#0	16QAM	NV	40	-0.49	0.000	PASS
Band25	1.4	26365	6	#0	16QAM	NV	50	-4.86	-0.003	PASS
Band25	1.4	26683	6	#0	QPSK	NV	-30	-5.88	-0.003	PASS
Band25	1.4	26683	6	#0	QPSK	NV	-20	-3.69	-0.002	PASS
Band25	1.4	26683	6	#0	QPSK	NV	-10	0.77	0.000	PASS
Band25	1.4	26683	6	#0	QPSK	NV	0	-0.07	0.000	PASS

Band25	1.4	26683	6	#0	QPSK	NV	10	-3.40	-0.002	PASS
Band25	1.4	26683	6	#0	QPSK	NV	20	-3.91	-0.002	PASS
Band25	1.4	26683	6	#0	QPSK	NV	30	-5.35	-0.003	PASS
Band25	1.4	26683	6	#0	QPSK	NV	40	-5.44	-0.003	PASS
Band25	1.4	26683	6	#0	QPSK	NV	50	-6.07	-0.003	PASS
Band25	1.4	26683	6	#0	16QAM	NV	-30	-1.57	-0.001	PASS
Band25	1.4	26683	6	#0	16QAM	NV	-20	-6.72	-0.004	PASS
Band25	1.4	26683	6	#0	16QAM	NV	-10	-4.56	-0.002	PASS
Band25	1.4	26683	6	#0	16QAM	NV	0	-1.80	-0.001	PASS
Band25	1.4	26683	6	#0	16QAM	NV	10	0.93	0.000	PASS
Band25	1.4	26683	6	#0	16QAM	NV	20	-5.91	-0.003	PASS
Band25	1.4	26683	6	#0	16QAM	NV	30	-3.65	-0.002	PASS
Band25	1.4	26683	6	#0	16QAM	NV	40	-0.53	0.000	PASS
Band25	1.4	26683	6	#0	16QAM	NV	50	-2.88	-0.002	PASS
Band25	3	26055	15	#0	QPSK	NV	-30	-9.26	-0.005	PASS
Band25	3	26055	15	#0	QPSK	NV	-20	-4.59	-0.002	PASS
Band25	3	26055	15	#0	QPSK	NV	-10	4.92	0.003	PASS
Band25	3	26055	15	#0	QPSK	NV	0	6.38	0.003	PASS
Band25	3	26055	15	#0	QPSK	NV	10	7.24	0.004	PASS
Band25	3	26055	15	#0	QPSK	NV	20	3.95	0.002	PASS
Band25	3	26055	15	#0	QPSK	NV	30	6.49	0.004	PASS
Band25	3	26055	15	#0	QPSK	NV	40	5.61	0.003	PASS
Band25	3	26055	15	#0	QPSK	NV	50	3.83	0.002	PASS
Band25	3	26055	15	#0	16QAM	NV	-30	4.46	0.002	PASS
Band25	3	26055	15	#0	16QAM	NV	-20	5.09	0.003	PASS
Band25	3	26055	15	#0	16QAM	NV	-10	4.06	0.002	PASS
Band25	3	26055	15	#0	16QAM	NV	0	3.68	0.002	PASS
Band25	3	26055	15	#0	16QAM	NV	10	1.86	0.001	PASS
Band25	3	26055	15	#0	16QAM	NV	20	0.03	0.000	PASS
Band25	3	26055	15	#0	16QAM	NV	30	-1.10	-0.001	PASS
Band25	3	26055	15	#0	16QAM	NV	40	-4.25	-0.002	PASS
Band25	3	26055	15	#0	16QAM	NV	50	-8.74	-0.005	PASS
Band25	3	26365	15	#0	QPSK	NV	-30	-7.52	-0.004	PASS
Band25	3	26365	15	#0	QPSK	NV	-20	-4.82	-0.003	PASS
Band25	3	26365	15	#0	QPSK	NV	-10	-5.88	-0.003	PASS
Band25	3	26365	15	#0	QPSK	NV	0	-3.03	-0.002	PASS
Band25	3	26365	15	#0	QPSK	NV	10	-4.39	-0.002	PASS
Band25	3	26365	15	#0	QPSK	NV	20	-3.12	-0.002	PASS
Band25	3	26365	15	#0	QPSK	NV	30	-6.14	-0.003	PASS
Band25	3	26365	15	#0	QPSK	NV	40	-3.43	-0.002	PASS
Band25	3	26365	15	#0	QPSK	NV	50	-3.93	-0.002	PASS
Band25	3	26365	15	#0	16QAM	NV	-30	-2.80	-0.001	PASS
Band25	3	26365	15	#0	16QAM	NV	-20	-3.50	-0.002	PASS

Band25	3	26365	15	#0	16QAM	NV	-10	-0.37	0.000	PASS
Band25	3	26365	15	#0	16QAM	NV	0	-0.66	0.000	PASS
Band25	3	26365	15	#0	16QAM	NV	10	1.17	0.001	PASS
Band25	3	26365	15	#0	16QAM	NV	20	-3.92	-0.002	PASS
Band25	3	26365	15	#0	16QAM	NV	30	1.03	0.001	PASS
Band25	3	26365	15	#0	16QAM	NV	40	-3.12	-0.002	PASS
Band25	3	26365	15	#0	16QAM	NV	50	-4.02	-0.002	PASS
Band25	3	26675	15	#0	QPSK	NV	-30	-3.91	-0.002	PASS
Band25	3	26675	15	#0	QPSK	NV	-20	-0.30	0.000	PASS
Band25	3	26675	15	#0	QPSK	NV	-10	-1.19	-0.001	PASS
Band25	3	26675	15	#0	QPSK	NV	0	1.13	0.001	PASS
Band25	3	26675	15	#0	QPSK	NV	10	-2.15	-0.001	PASS
Band25	3	26675	15	#0	QPSK	NV	20	-4.59	-0.002	PASS
Band25	3	26675	15	#0	QPSK	NV	30	-1.72	-0.001	PASS
Band25	3	26675	15	#0	QPSK	NV	40	-4.25	-0.002	PASS
Band25	3	26675	15	#0	QPSK	NV	50	-6.08	-0.003	PASS
Band25	3	26675	15	#0	16QAM	NV	-30	-0.76	0.000	PASS
Band25	3	26675	15	#0	16QAM	NV	-20	0.67	0.000	PASS
Band25	3	26675	15	#0	16QAM	NV	-10	-3.85	-0.002	PASS
Band25	3	26675	15	#0	16QAM	NV	0	-5.48	-0.003	PASS
Band25	3	26675	15	#0	16QAM	NV	10	-2.32	-0.001	PASS
Band25	3	26675	15	#0	16QAM	NV	20	0.04	0.000	PASS
Band25	3	26675	15	#0	16QAM	NV	30	-3.78	-0.002	PASS
Band25	3	26675	15	#0	16QAM	NV	40	-0.29	0.000	PASS
Band25	3	26675	15	#0	16QAM	NV	50	-4.84	-0.003	PASS
Band25	5	26065	25	#0	QPSK	NV	-30	-11.01	-0.006	PASS
Band25	5	26065	25	#0	QPSK	NV	-20	-7.55	-0.004	PASS
Band25	5	26065	25	#0	QPSK	NV	-10	4.46	0.002	PASS
Band25	5	26065	25	#0	QPSK	NV	0	4.01	0.002	PASS
Band25	5	26065	25	#0	QPSK	NV	10	5.02	0.003	PASS
Band25	5	26065	25	#0	QPSK	NV	20	3.59	0.002	PASS
Band25	5	26065	25	#0	QPSK	NV	30	4.61	0.002	PASS
Band25	5	26065	25	#0	QPSK	NV	40	5.02	0.003	PASS
Band25	5	26065	25	#0	QPSK	NV	50	1.02	0.001	PASS
Band25	5	26065	25	#0	16QAM	NV	-30	3.59	0.002	PASS
Band25	5	26065	25	#0	16QAM	NV	-20	4.61	0.002	PASS
Band25	5	26065	25	#0	16QAM	NV	-10	4.86	0.003	PASS
Band25	5	26065	25	#0	16QAM	NV	0	4.13	0.002	PASS
Band25	5	26065	25	#0	16QAM	NV	10	2.16	0.001	PASS
Band25	5	26065	25	#0	16QAM	NV	20	2.90	0.002	PASS
Band25	5	26065	25	#0	16QAM	NV	30	3.89	0.002	PASS
Band25	5	26065	25	#0	16QAM	NV	40	4.03	0.002	PASS
Band25	5	26065	25	#0	16QAM	NV	50	4.55	0.002	PASS

Band25	5	26365	25	#0	QPSK	NV	-30	-6.44	-0.003	PASS
Band25	5	26365	25	#0	QPSK	NV	-20	-5.29	-0.003	PASS
Band25	5	26365	25	#0	QPSK	NV	-10	-0.97	-0.001	PASS
Band25	5	26365	25	#0	QPSK	NV	0	3.50	0.002	PASS
Band25	5	26365	25	#0	QPSK	NV	10	4.92	0.003	PASS
Band25	5	26365	25	#0	QPSK	NV	20	3.32	0.002	PASS
Band25	5	26365	25	#0	QPSK	NV	30	3.03	0.002	PASS
Band25	5	26365	25	#0	QPSK	NV	40	-2.06	-0.001	PASS
Band25	5	26365	25	#0	QPSK	NV	50	-6.04	-0.003	PASS
Band25	5	26365	25	#0	16QAM	NV	-30	-4.69	-0.002	PASS
Band25	5	26365	25	#0	16QAM	NV	-20	-7.31	-0.004	PASS
Band25	5	26365	25	#0	16QAM	NV	-10	-6.95	-0.004	PASS
Band25	5	26365	25	#0	16QAM	NV	0	-4.45	-0.002	PASS
Band25	5	26365	25	#0	16QAM	NV	10	-5.16	-0.003	PASS
Band25	5	26365	25	#0	16QAM	NV	20	-2.65	-0.001	PASS
Band25	5	26365	25	#0	16QAM	NV	30	-5.76	-0.003	PASS
Band25	5	26365	25	#0	16QAM	NV	40	-2.37	-0.001	PASS
Band25	5	26365	25	#0	16QAM	NV	50	-5.99	-0.003	PASS
Band25	5	26665	25	#0	QPSK	NV	-30	-6.44	-0.003	PASS
Band25	5	26665	25	#0	QPSK	NV	-20	-2.85	-0.001	PASS
Band25	5	26665	25	#0	QPSK	NV	-10	3.96	0.002	PASS
Band25	5	26665	25	#0	QPSK	NV	0	4.18	0.002	PASS
Band25	5	26665	25	#0	QPSK	NV	10	7.01	0.004	PASS
Band25	5	26665	25	#0	QPSK	NV	20	3.20	0.002	PASS
Band25	5	26665	25	#0	QPSK	NV	30	-4.11	-0.002	PASS
Band25	5	26665	25	#0	QPSK	NV	40	-6.59	-0.003	PASS
Band25	5	26665	25	#0	QPSK	NV	50	-6.45	-0.003	PASS
Band25	5	26665	25	#0	16QAM	NV	-30	-4.75	-0.002	PASS
Band25	5	26665	25	#0	16QAM	NV	-20	-1.80	-0.001	PASS
Band25	5	26665	25	#0	16QAM	NV	-10	-4.52	-0.002	PASS
Band25	5	26665	25	#0	16QAM	NV	0	-2.43	-0.001	PASS
Band25	5	26665	25	#0	16QAM	NV	10	-5.08	-0.003	PASS
Band25	5	26665	25	#0	16QAM	NV	20	-4.31	-0.002	PASS
Band25	5	26665	25	#0	16QAM	NV	30	-1.76	-0.001	PASS
Band25	5	26665	25	#0	16QAM	NV	40	-3.55	-0.002	PASS
Band25	5	26665	25	#0	16QAM	NV	50	-5.22	-0.003	PASS
Band25	10	26090	50	#0	QPSK	NV	-30	-8.58	-0.005	PASS
Band25	10	26090	50	#0	QPSK	NV	-20	-0.03	0.000	PASS
Band25	10	26090	50	#0	QPSK	NV	-10	4.63	0.002	PASS
Band25	10	26090	50	#0	QPSK	NV	0	3.99	0.002	PASS
Band25	10	26090	50	#0	QPSK	NV	10	7.68	0.004	PASS
Band25	10	26090	50	#0	QPSK	NV	20	7.37	0.004	PASS
Band25	10	26090	50	#0	QPSK	NV	30	5.62	0.003	PASS

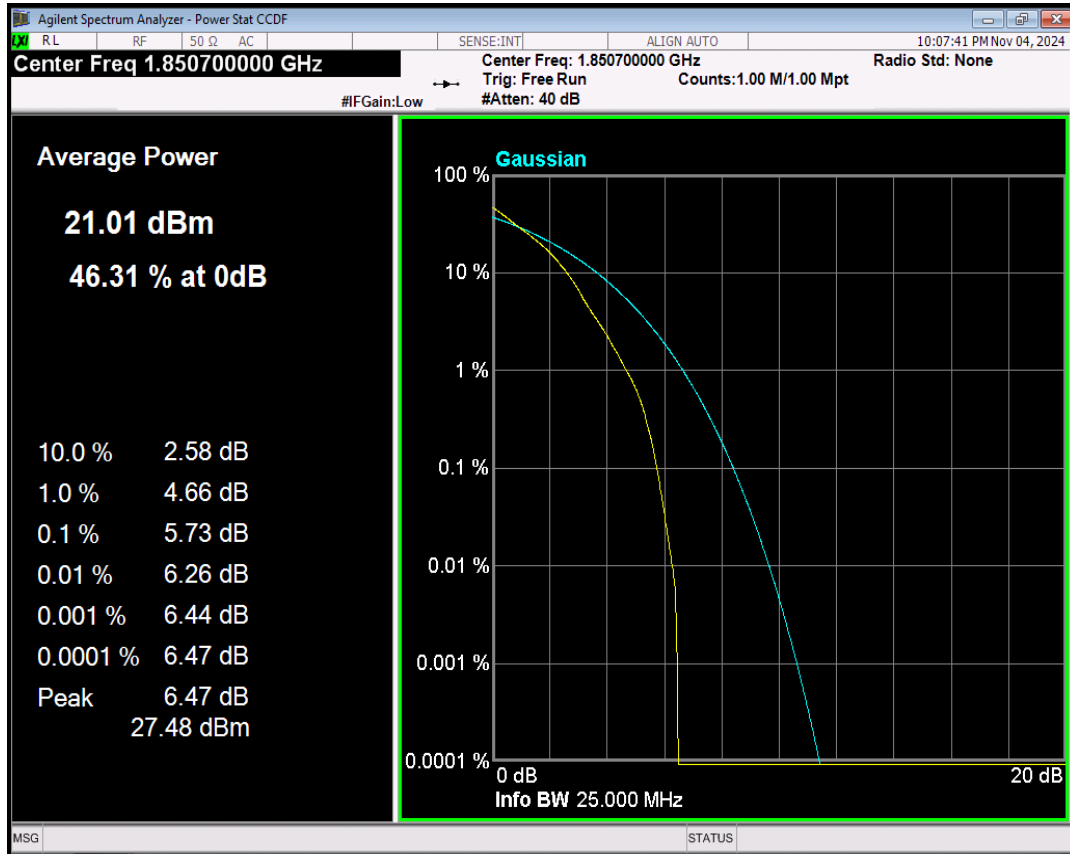
Band25	10	26090	50	#0	QPSK	NV	40	5.82	0.003	PASS
Band25	10	26090	50	#0	QPSK	NV	50	4.38	0.002	PASS
Band25	10	26365	50	#0	QPSK	NV	-30	-1.23	-0.001	PASS
Band25	10	26365	50	#0	QPSK	NV	-20	-1.59	-0.001	PASS
Band25	10	26365	50	#0	QPSK	NV	-10	4.68	0.002	PASS
Band25	10	26365	50	#0	QPSK	NV	0	-0.16	0.000	PASS
Band25	10	26365	50	#0	QPSK	NV	10	-6.58	-0.003	PASS
Band25	10	26365	50	#0	QPSK	NV	20	-4.35	-0.002	PASS
Band25	10	26365	50	#0	QPSK	NV	30	-4.61	-0.002	PASS
Band25	10	26365	50	#0	QPSK	NV	40	-3.86	-0.002	PASS
Band25	10	26365	50	#0	QPSK	NV	50	-5.15	-0.003	PASS
Band25	10	26640	50	#0	QPSK	NV	-30	-7.55	-0.004	PASS
Band25	10	26640	50	#0	QPSK	NV	-20	-5.52	-0.003	PASS
Band25	10	26640	50	#0	QPSK	NV	-10	-0.64	0.000	PASS
Band25	10	26640	50	#0	QPSK	NV	0	-5.89	-0.003	PASS
Band25	10	26640	50	#0	QPSK	NV	10	-2.05	-0.001	PASS
Band25	10	26640	50	#0	QPSK	NV	20	-2.33	-0.001	PASS
Band25	10	26640	50	#0	QPSK	NV	30	-6.45	-0.003	PASS
Band25	10	26640	50	#0	QPSK	NV	40	-3.48	-0.002	PASS
Band25	10	26640	50	#0	QPSK	NV	50	-6.41	-0.003	PASS
Band25	15	26115	75	#0	QPSK	NV	-30	-8.90	-0.005	PASS
Band25	15	26115	75	#0	QPSK	NV	-20	5.02	0.003	PASS
Band25	15	26115	75	#0	QPSK	NV	-10	5.95	0.003	PASS
Band25	15	26115	75	#0	QPSK	NV	0	5.42	0.003	PASS
Band25	15	26115	75	#0	QPSK	NV	10	6.24	0.003	PASS
Band25	15	26115	75	#0	QPSK	NV	20	5.59	0.003	PASS
Band25	15	26115	75	#0	QPSK	NV	30	4.26	0.002	PASS
Band25	15	26115	75	#0	QPSK	NV	40	5.29	0.003	PASS
Band25	15	26115	75	#0	QPSK	NV	50	5.94	0.003	PASS
Band25	15	26365	75	#0	QPSK	NV	-30	-3.83	-0.002	PASS
Band25	15	26365	75	#0	QPSK	NV	-20	4.68	0.002	PASS
Band25	15	26365	75	#0	QPSK	NV	-10	5.82	0.003	PASS
Band25	15	26365	75	#0	QPSK	NV	0	5.41	0.003	PASS
Band25	15	26365	75	#0	QPSK	NV	10	4.98	0.003	PASS
Band25	15	26365	75	#0	QPSK	NV	20	4.59	0.002	PASS
Band25	15	26365	75	#0	QPSK	NV	30	3.03	0.002	PASS
Band25	15	26365	75	#0	QPSK	NV	40	-1.60	-0.001	PASS
Band25	15	26365	75	#0	QPSK	NV	50	-3.43	-0.002	PASS
Band25	15	26615	75	#0	QPSK	NV	-30	-5.14	-0.003	PASS
Band25	15	26615	75	#0	QPSK	NV	-20	-2.43	-0.001	PASS
Band25	15	26615	75	#0	QPSK	NV	-10	-6.07	-0.003	PASS
Band25	15	26615	75	#0	QPSK	NV	0	-6.81	-0.004	PASS
Band25	15	26615	75	#0	QPSK	NV	10	-3.76	-0.002	PASS

Band25	15	26615	75	#0	QPSK	NV	20	-3.38	-0.002	PASS
Band25	15	26615	75	#0	QPSK	NV	30	-4.36	-0.002	PASS
Band25	15	26615	75	#0	QPSK	NV	40	-5.36	-0.003	PASS
Band25	15	26615	75	#0	QPSK	NV	50	-1.53	-0.001	PASS
Band25	20	26140	100	#0	QPSK	NV	-30	-7.05	-0.004	PASS
Band25	20	26140	100	#0	QPSK	NV	-20	5.41	0.003	PASS
Band25	20	26140	100	#0	QPSK	NV	-10	5.12	0.003	PASS
Band25	20	26140	100	#0	QPSK	NV	0	5.01	0.003	PASS
Band25	20	26140	100	#0	QPSK	NV	10	5.54	0.003	PASS
Band25	20	26140	100	#0	QPSK	NV	20	5.58	0.003	PASS
Band25	20	26140	100	#0	QPSK	NV	30	5.35	0.003	PASS
Band25	20	26140	100	#0	QPSK	NV	40	1.79	0.001	PASS
Band25	20	26140	100	#0	QPSK	NV	50	5.48	0.003	PASS
Band25	20	26365	100	#0	QPSK	NV	-30	-1.83	-0.001	PASS
Band25	20	26365	100	#0	QPSK	NV	-20	3.71	0.002	PASS
Band25	20	26365	100	#0	QPSK	NV	-10	4.33	0.002	PASS
Band25	20	26365	100	#0	QPSK	NV	0	5.82	0.003	PASS
Band25	20	26365	100	#0	QPSK	NV	10	5.02	0.003	PASS
Band25	20	26365	100	#0	QPSK	NV	20	3.60	0.002	PASS
Band25	20	26365	100	#0	QPSK	NV	30	5.11	0.003	PASS
Band25	20	26365	100	#0	QPSK	NV	40	5.22	0.003	PASS
Band25	20	26365	100	#0	QPSK	NV	50	5.36	0.003	PASS
Band25	20	26590	100	#0	QPSK	NV	-30	-6.29	-0.003	PASS
Band25	20	26590	100	#0	QPSK	NV	-20	2.59	0.001	PASS
Band25	20	26590	100	#0	QPSK	NV	-10	6.55	0.003	PASS
Band25	20	26590	100	#0	QPSK	NV	0	-0.44	0.000	PASS
Band25	20	26590	100	#0	QPSK	NV	10	-4.25	-0.002	PASS
Band25	20	26590	100	#0	QPSK	NV	20	-3.98	-0.002	PASS
Band25	20	26590	100	#0	QPSK	NV	30	-5.09	-0.003	PASS
Band25	20	26590	100	#0	QPSK	NV	40	-3.65	-0.002	PASS
Band25	20	26590	100	#0	QPSK	NV	50	-5.89	-0.003	PASS

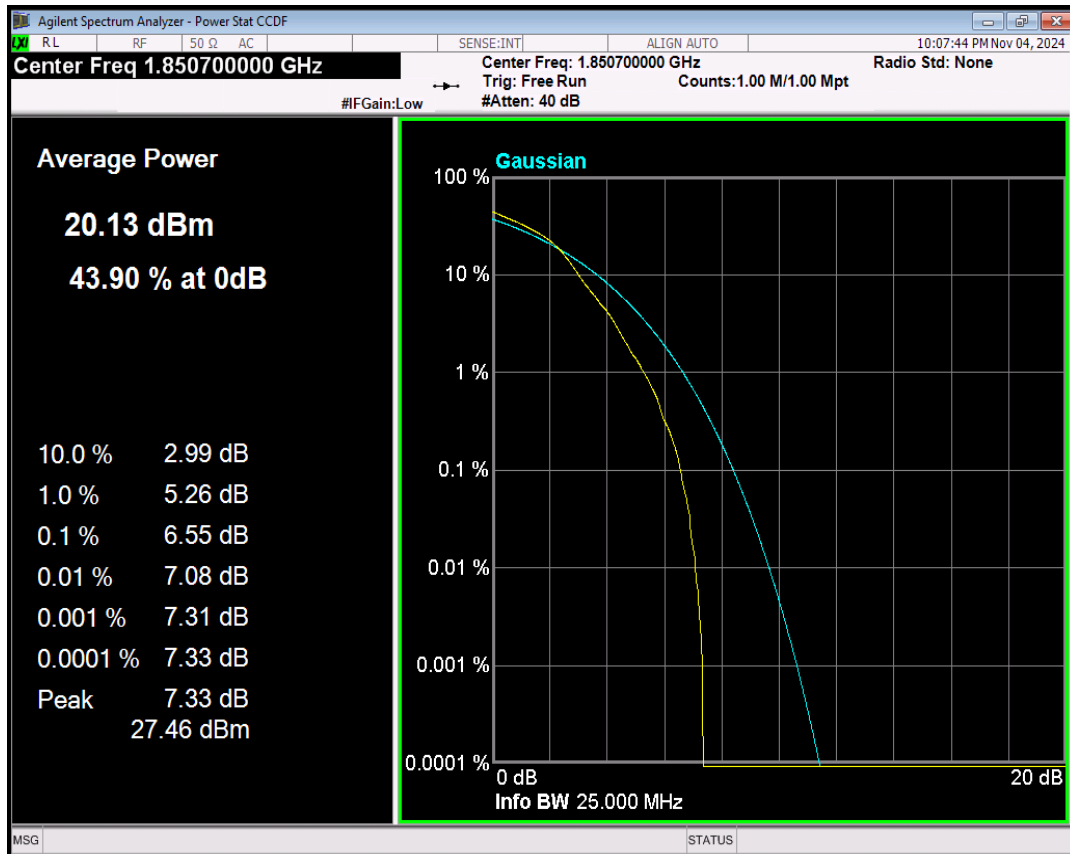
Appendix 3. Peak-to-Average Ratio

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
Band25	1.4	26047	1	#0	QPSK	5.73	13	PASS
Band25	1.4	26047	1	#0	16QAM	6.55	13	PASS
Band25	1.4	26365	1	#0	QPSK	5.66	13	PASS
Band25	1.4	26365	1	#0	16QAM	6.46	13	PASS
Band25	1.4	26683	1	#0	QPSK	4.40	13	PASS
Band25	1.4	26683	1	#0	16QAM	5.11	13	PASS
Band25	3	26055	1	#0	QPSK	5.61	13	PASS
Band25	3	26055	1	#0	16QAM	6.67	13	PASS
Band25	3	26365	1	#0	QPSK	5.41	13	PASS
Band25	3	26365	1	#0	16QAM	6.27	13	PASS
Band25	3	26675	1	#0	QPSK	5.27	13	PASS
Band25	3	26675	1	#0	16QAM	5.92	13	PASS
Band25	5	26065	1	#0	QPSK	5.95	13	PASS
Band25	5	26065	1	#0	16QAM	6.39	13	PASS
Band25	5	26365	1	#0	QPSK	5.29	13	PASS
Band25	5	26365	1	#0	16QAM	5.82	13	PASS
Band25	5	26665	1	#0	QPSK	6.00	13	PASS
Band25	5	26665	1	#0	16QAM	6.24	13	PASS
Band25	10	26090	1	#0	QPSK	5.74	13	PASS
Band25	10	26365	1	#0	QPSK	4.84	13	PASS
Band25	10	26640	1	#0	QPSK	4.96	13	PASS
Band25	15	26115	1	#0	QPSK	5.74	13	PASS
Band25	15	26365	1	#0	QPSK	4.38	13	PASS
Band25	15	26615	1	#0	QPSK	5.06	13	PASS
Band25	20	26140	1	#0	QPSK	5.48	13	PASS
Band25	20	26365	1	#0	QPSK	4.34	13	PASS
Band25	20	26590	1	#0	QPSK	5.76	13	PASS

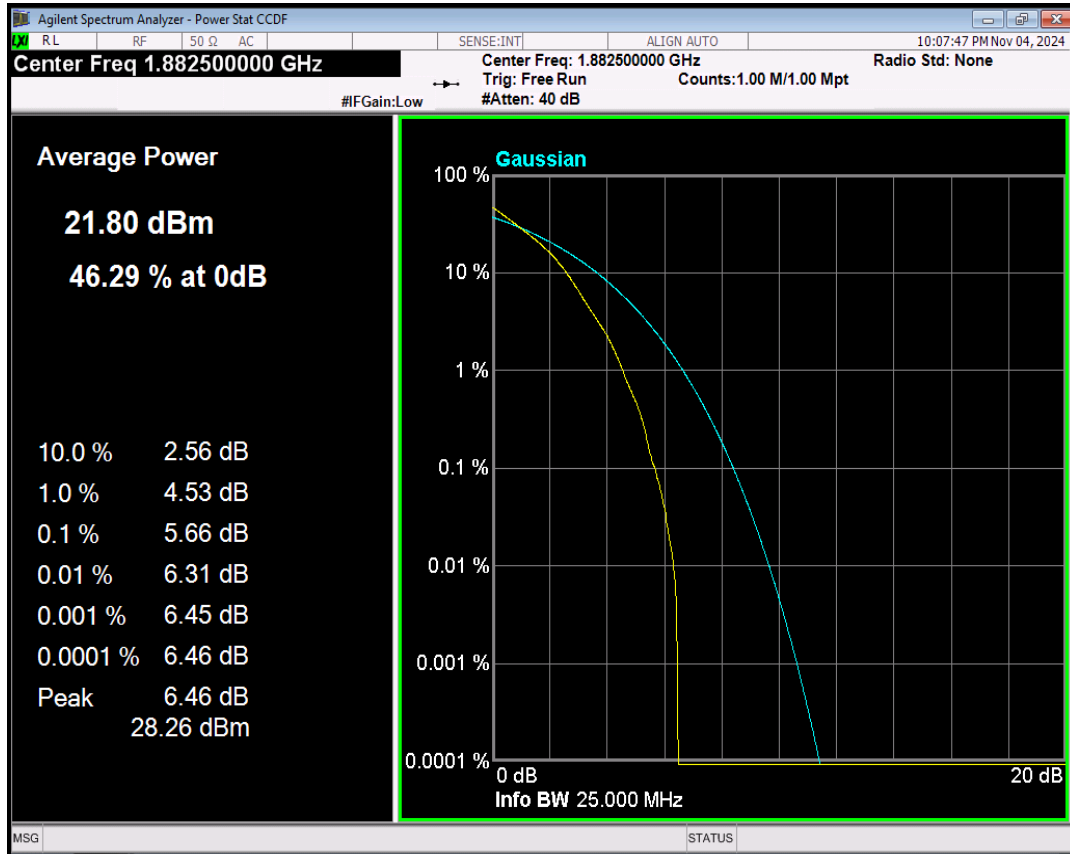
Band25 QPSK BW=1.4MHz Channel=26047 RB Size=1 Position=#0



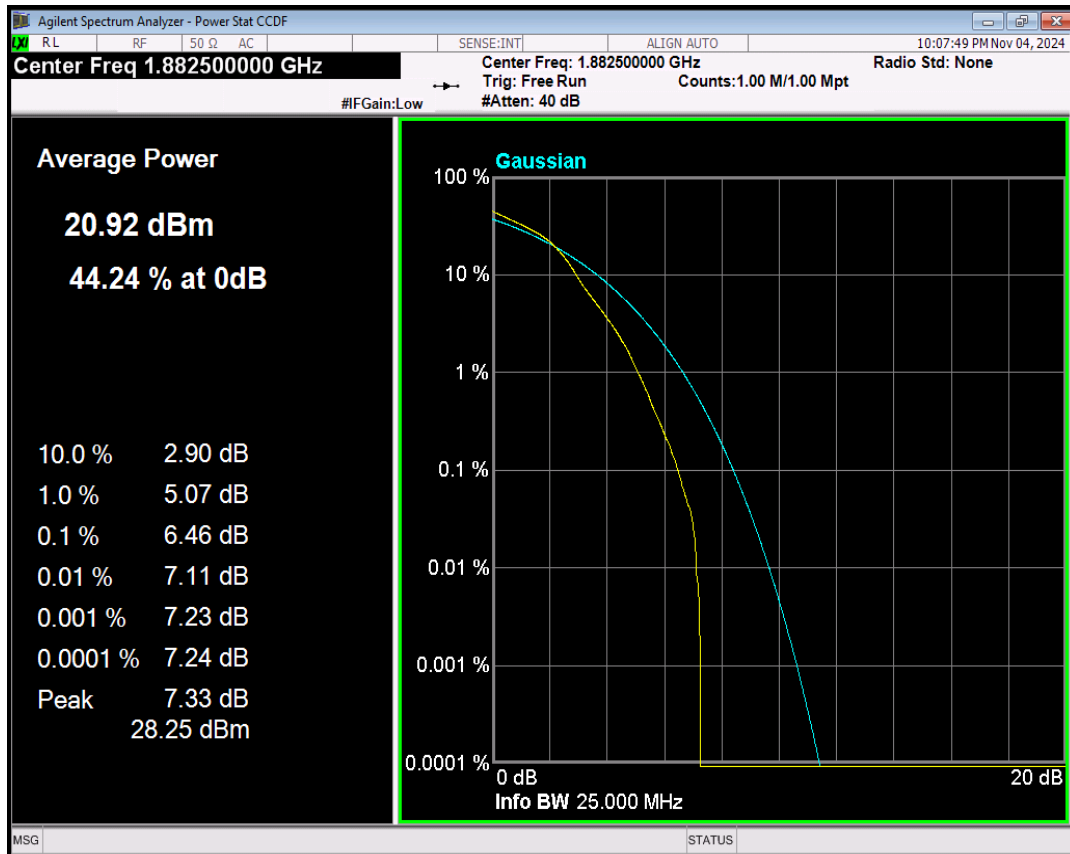
Band25 16QAM BW=1.4MHz Channel=26047 RB Size=1 Position=#0



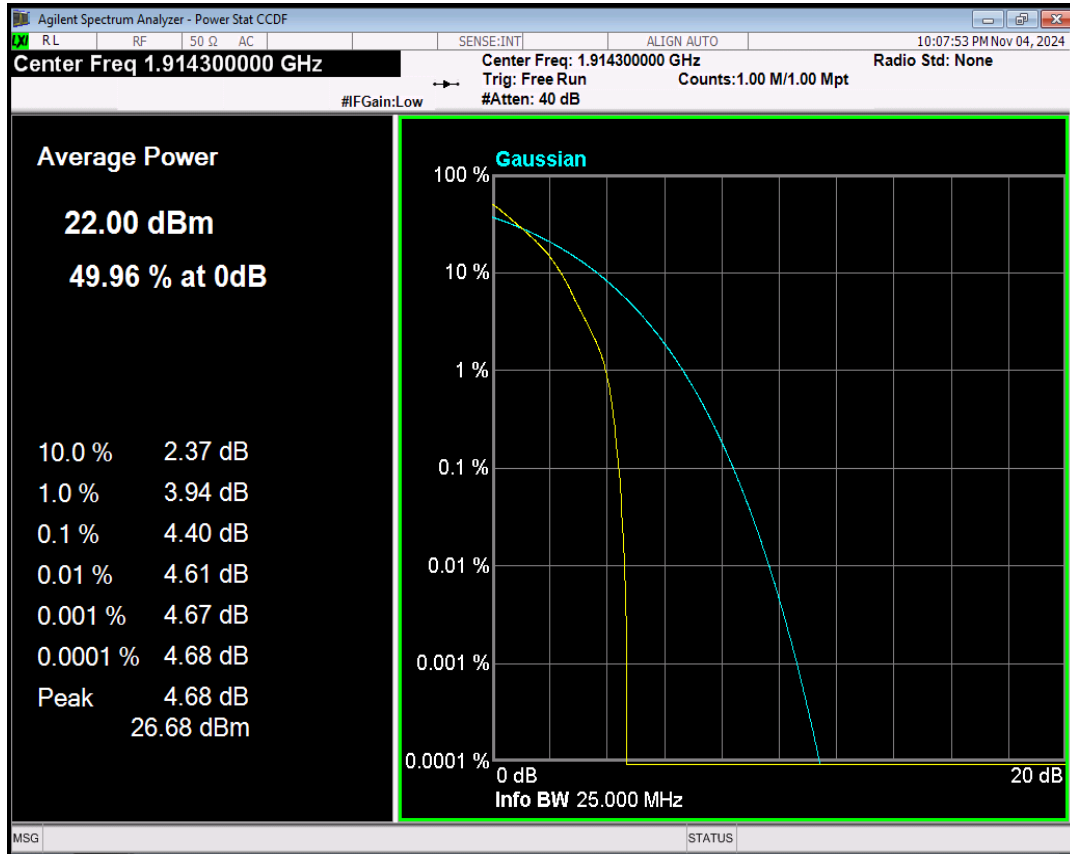
Band25 QPSK BW=1.4MHz Channel=26365 RB Size=1 Position=#0



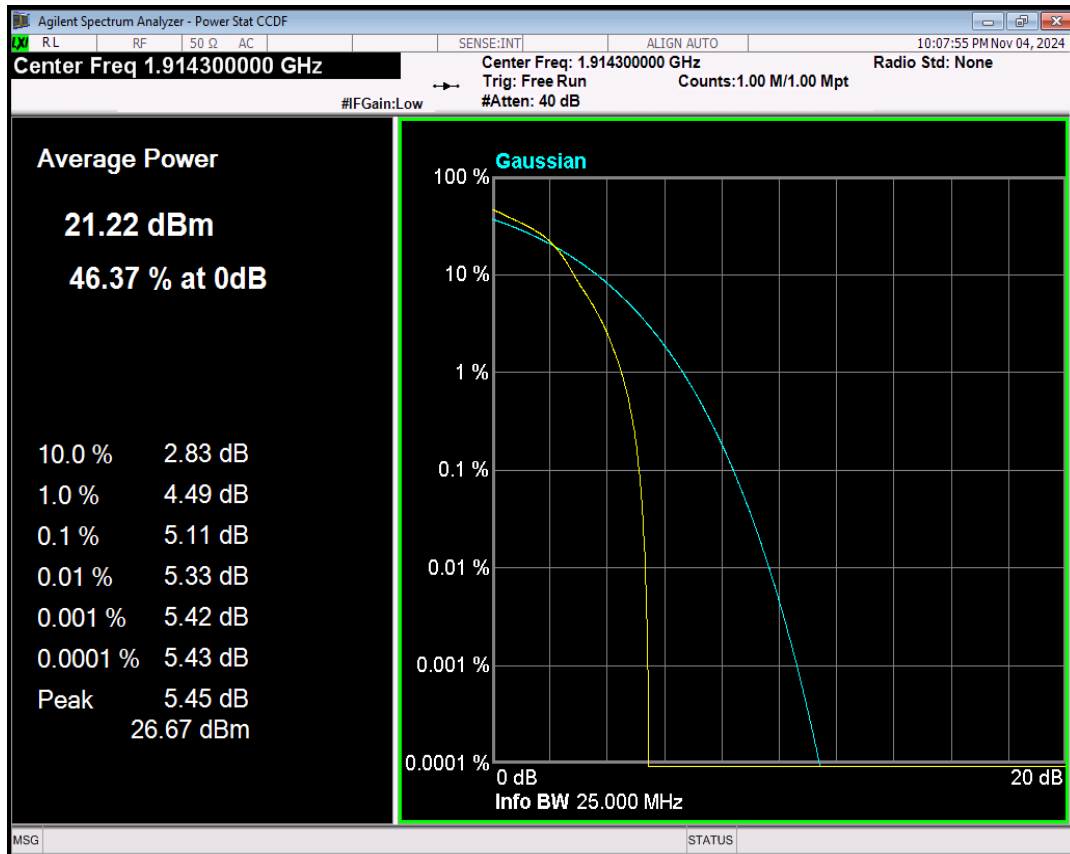
Band25 16QAM BW=1.4MHz Channel=26365 RB Size=1 Position=#0



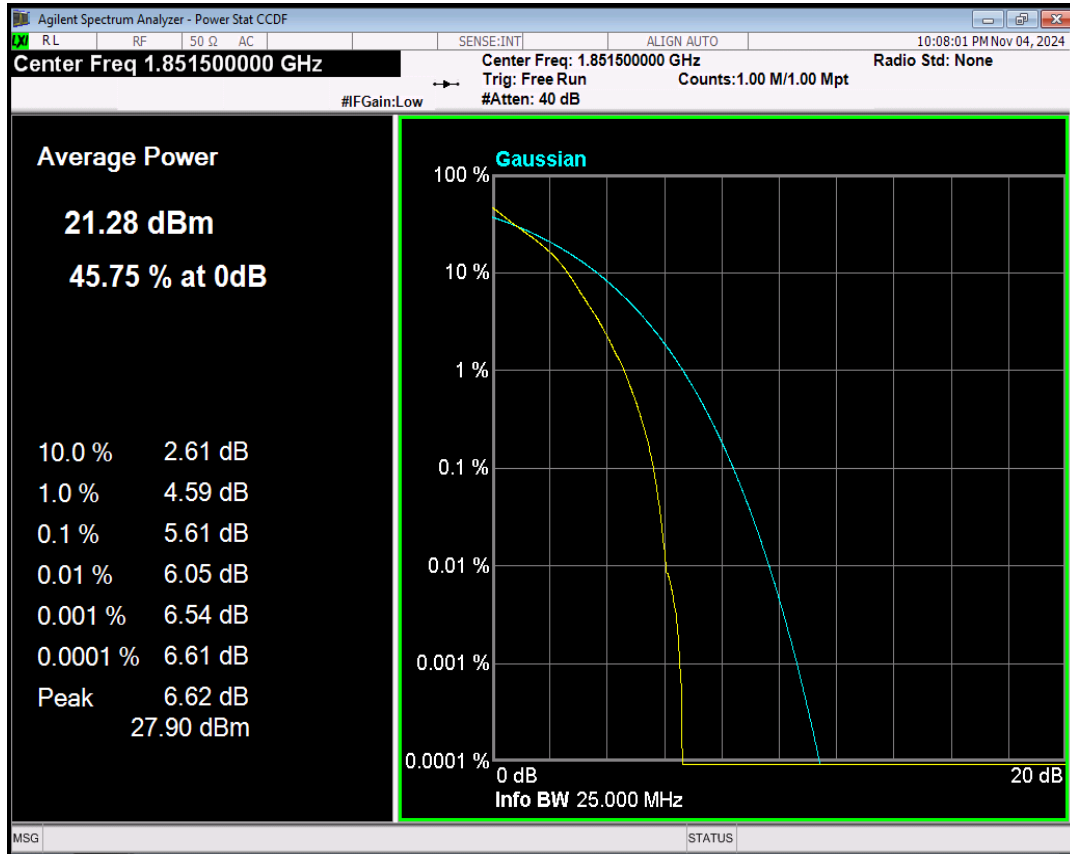
Band25 QPSK BW=1.4MHz Channel=26683 RB Size=1 Position=#0



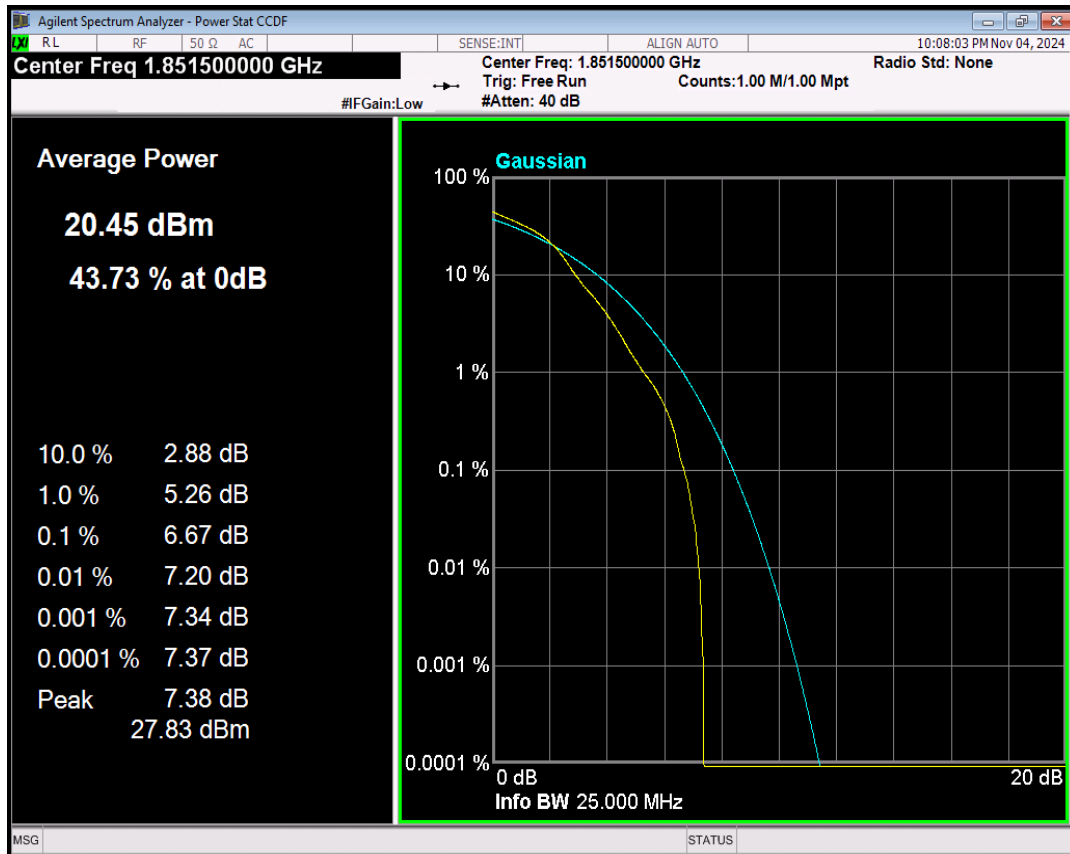
Band25 16QAM BW=1.4MHz Channel=26683 RB Size=1 Position=#0



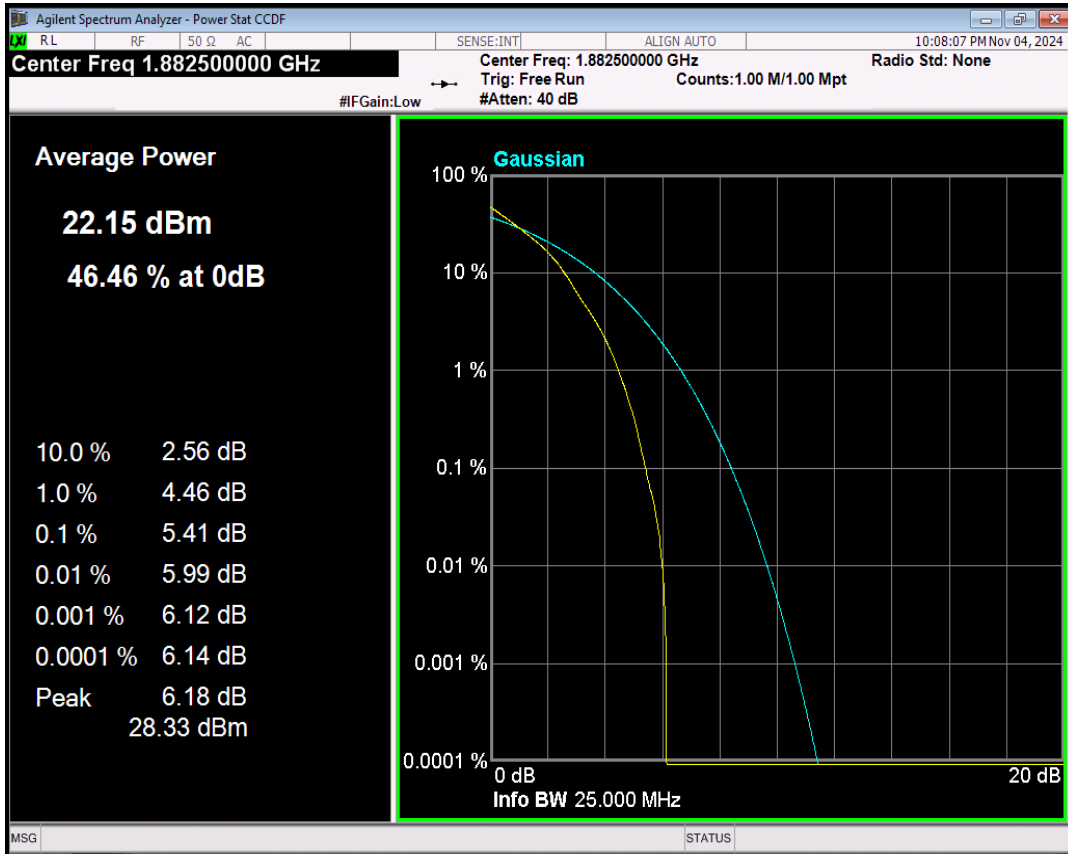
Band25 QPSK BW=3MHz Channel=26055 RB Size=1 Position=#0



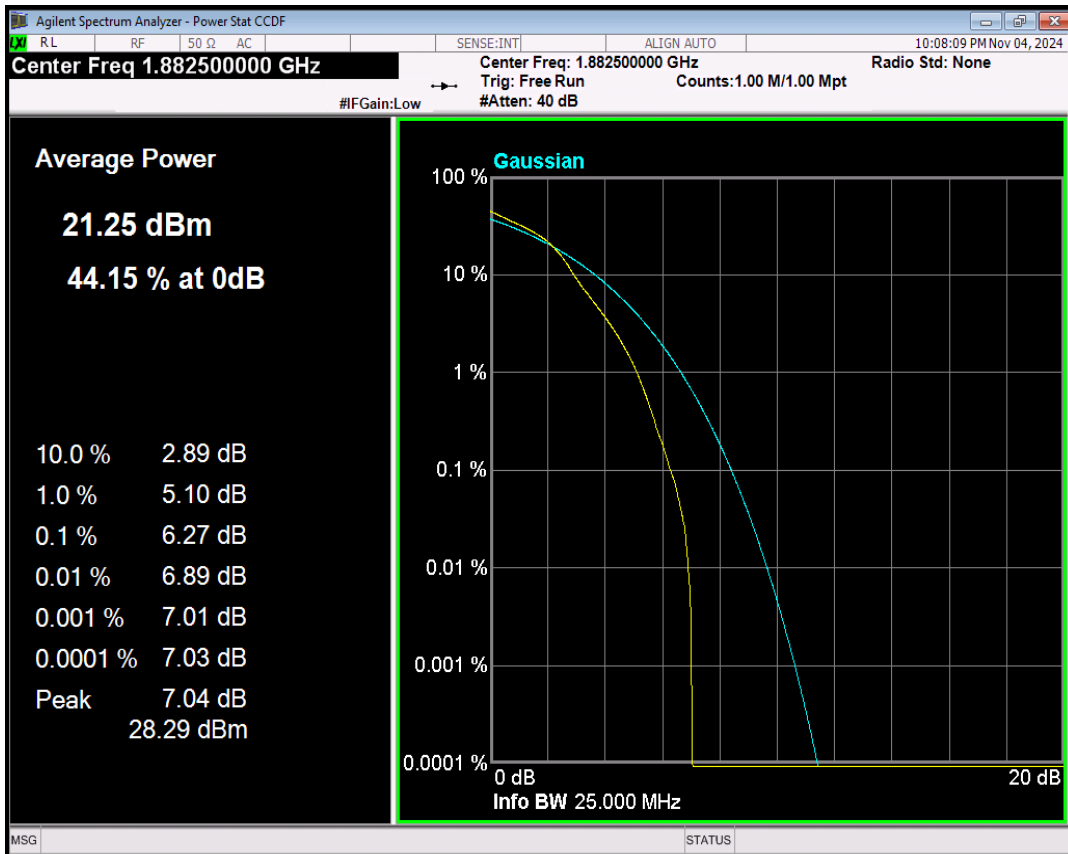
Band25 16QAM BW=3MHz Channel=26055 RB Size=1 Position=#0



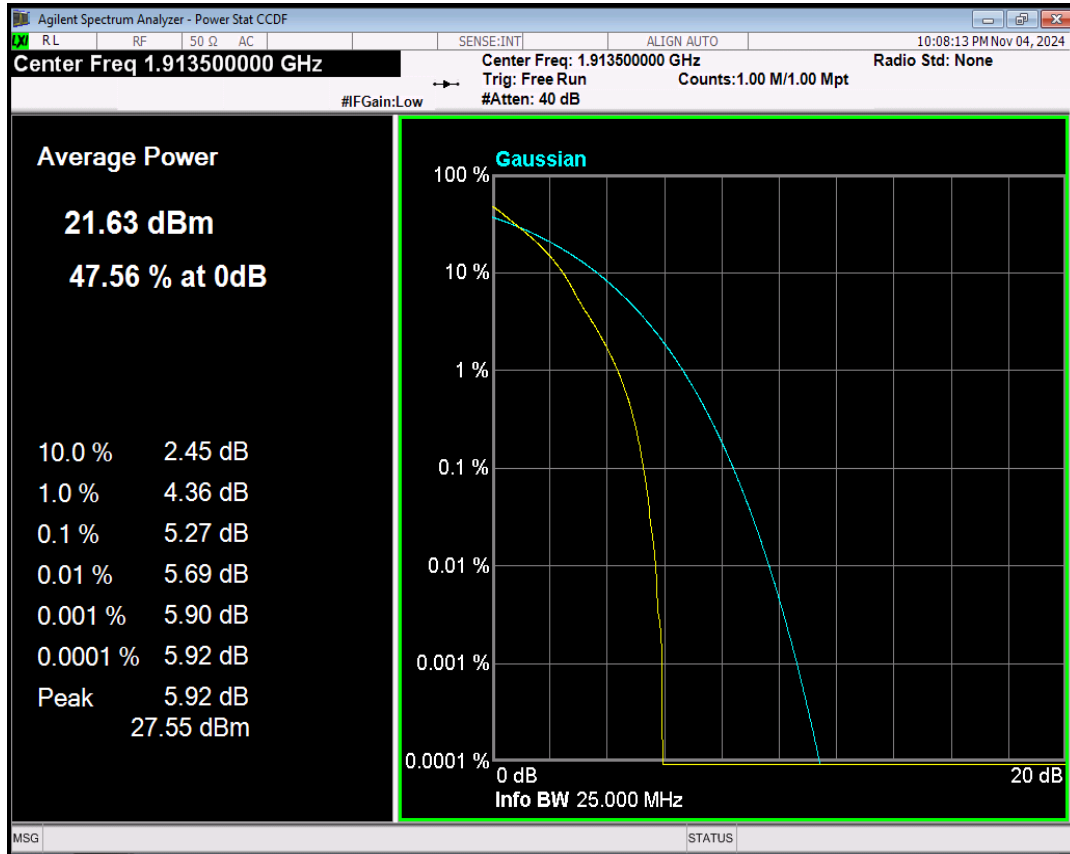
Band25 QPSK BW=3MHz Channel=26365 RB Size=1 Position=#0



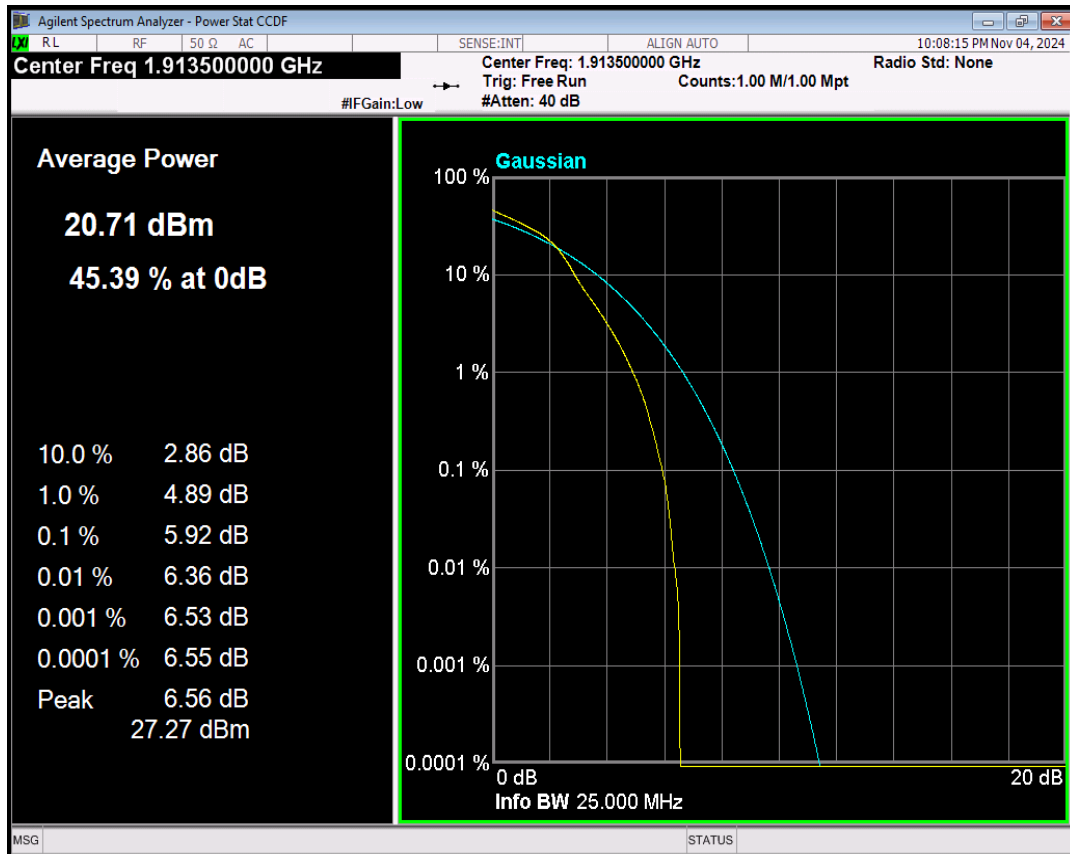
Band25 16QAM BW=3MHz Channel=26365 RB Size=1 Position=#0



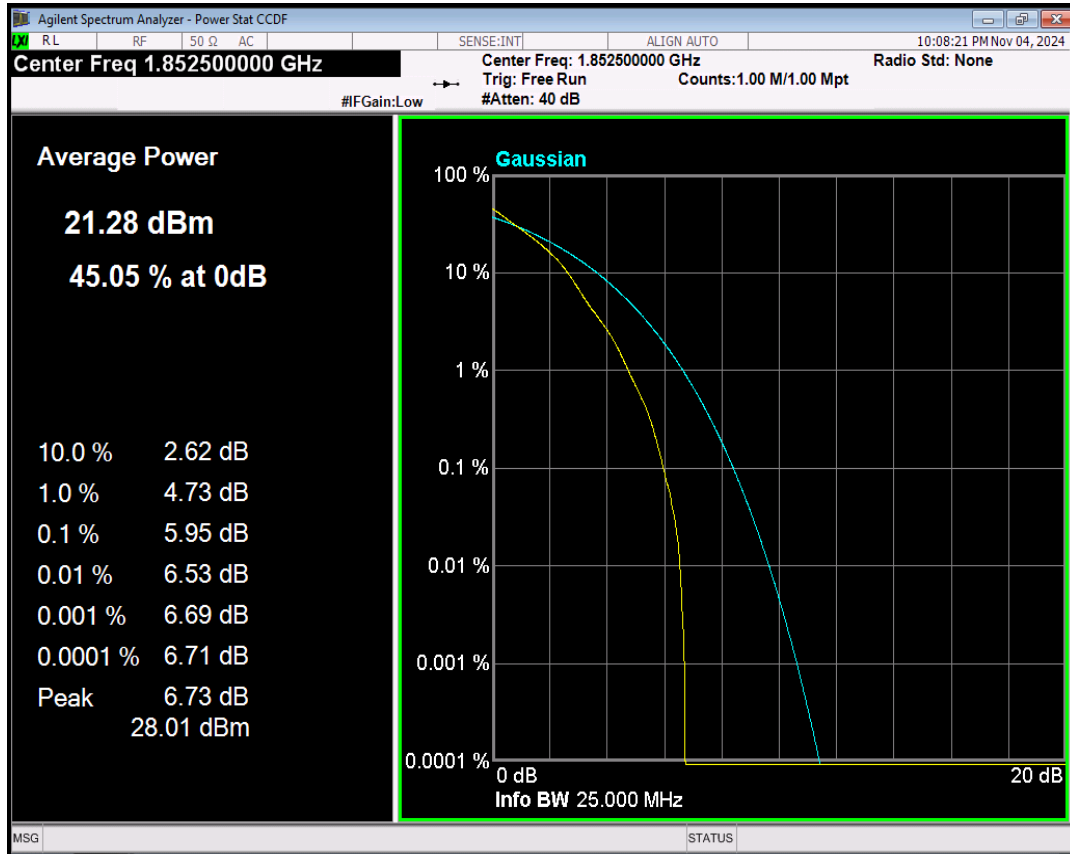
Band25 QPSK BW=3MHz Channel=26675 RB Size=1 Position=#0



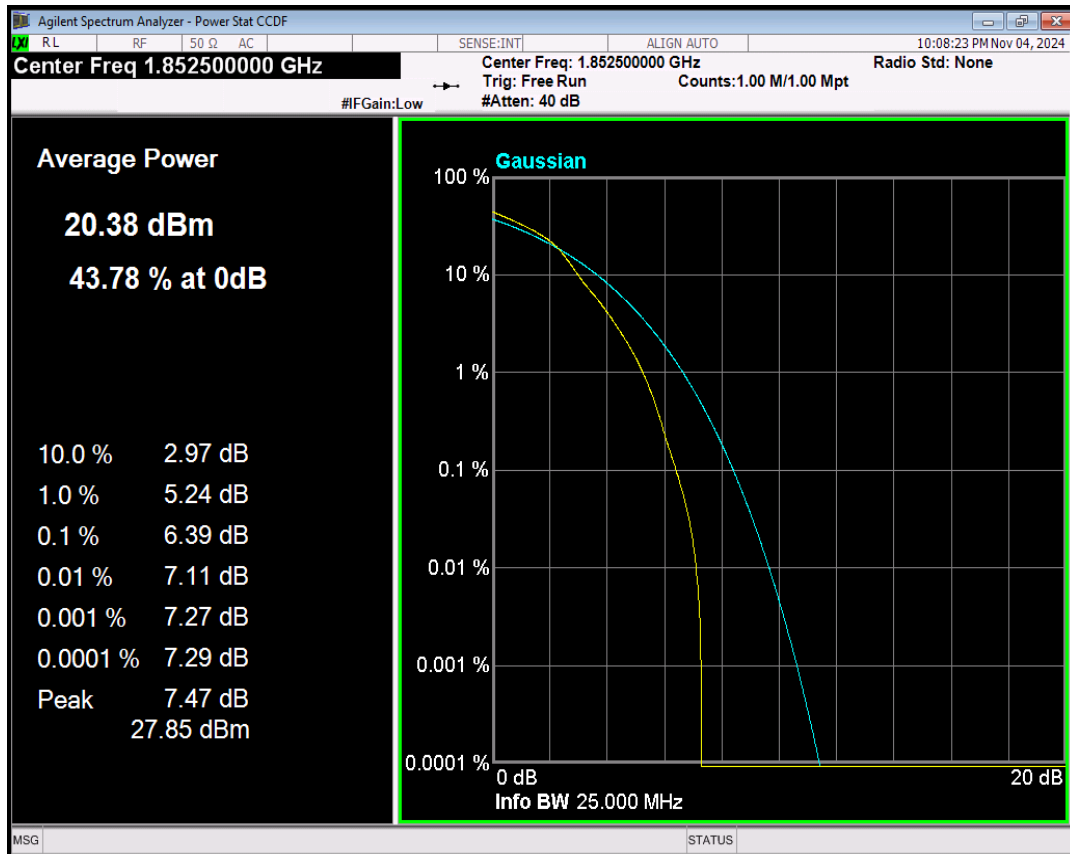
Band25 16QAM BW=3MHz Channel=26675 RB Size=1 Position=#0



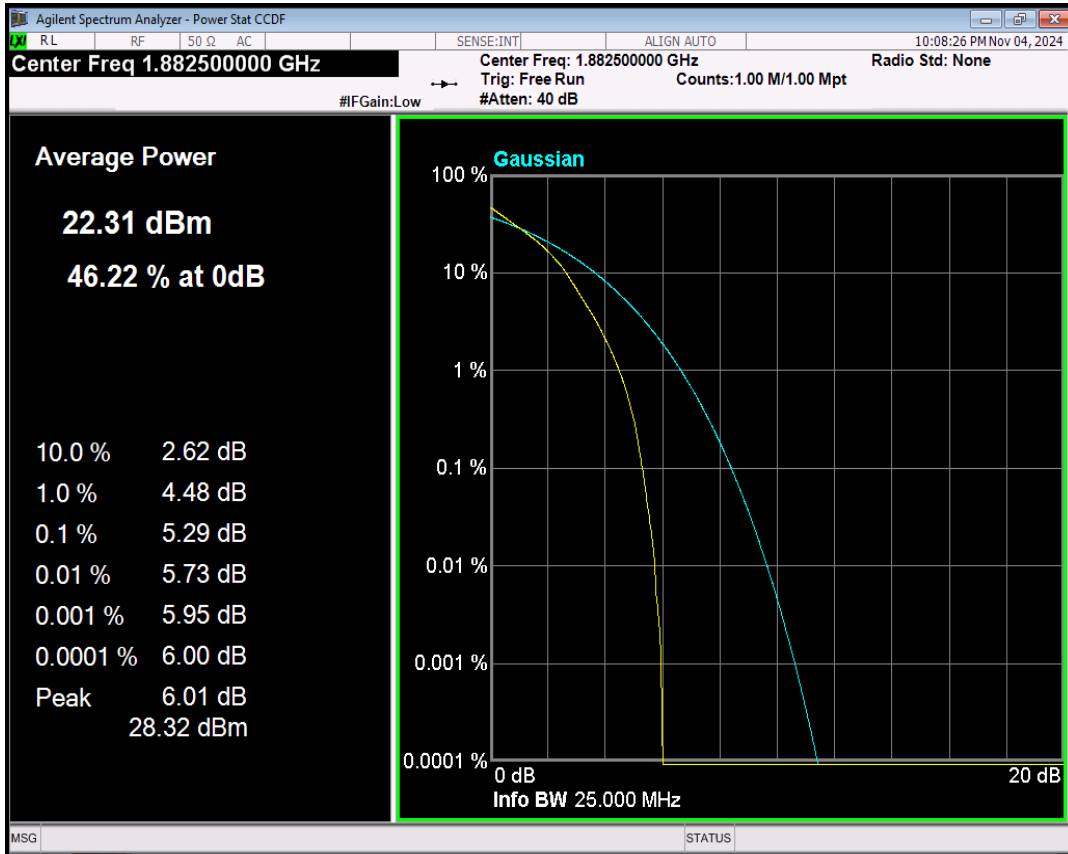
Band25 QPSK BW=5MHz Channel=26065 RB Size=1 Position=#0



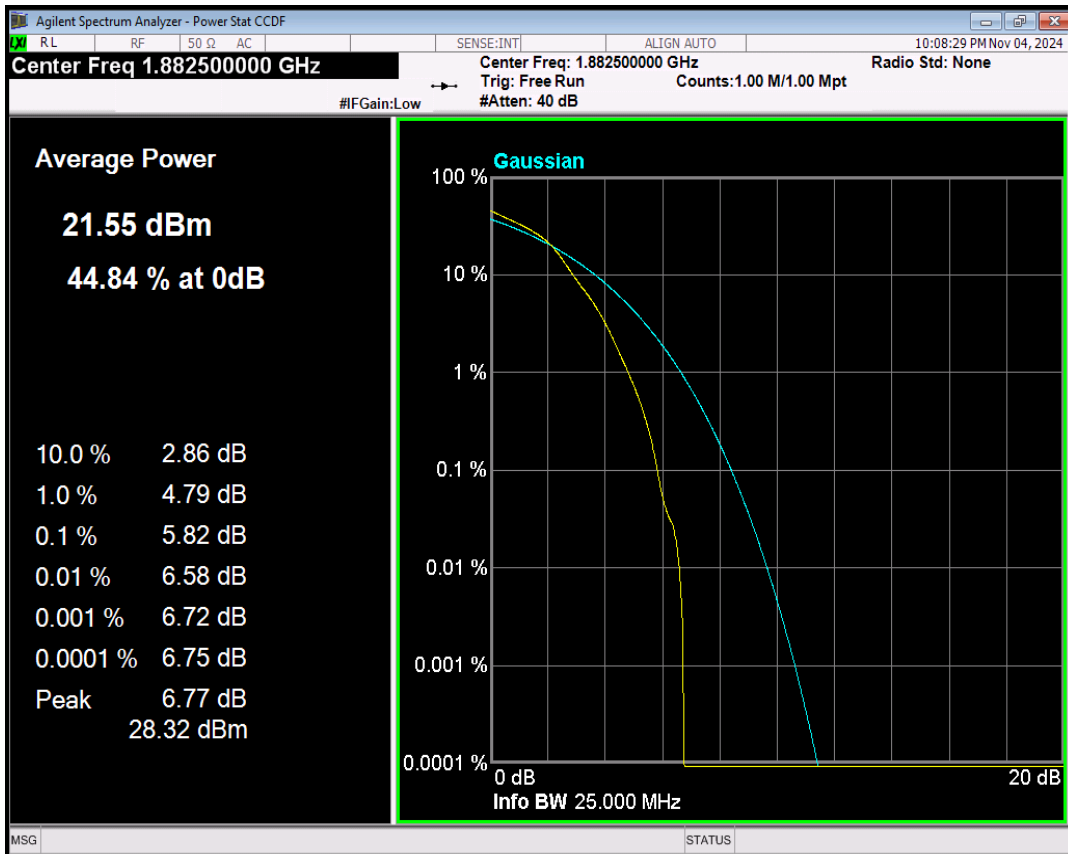
Band25 16QAM BW=5MHz Channel=26065 RB Size=1 Position=#0



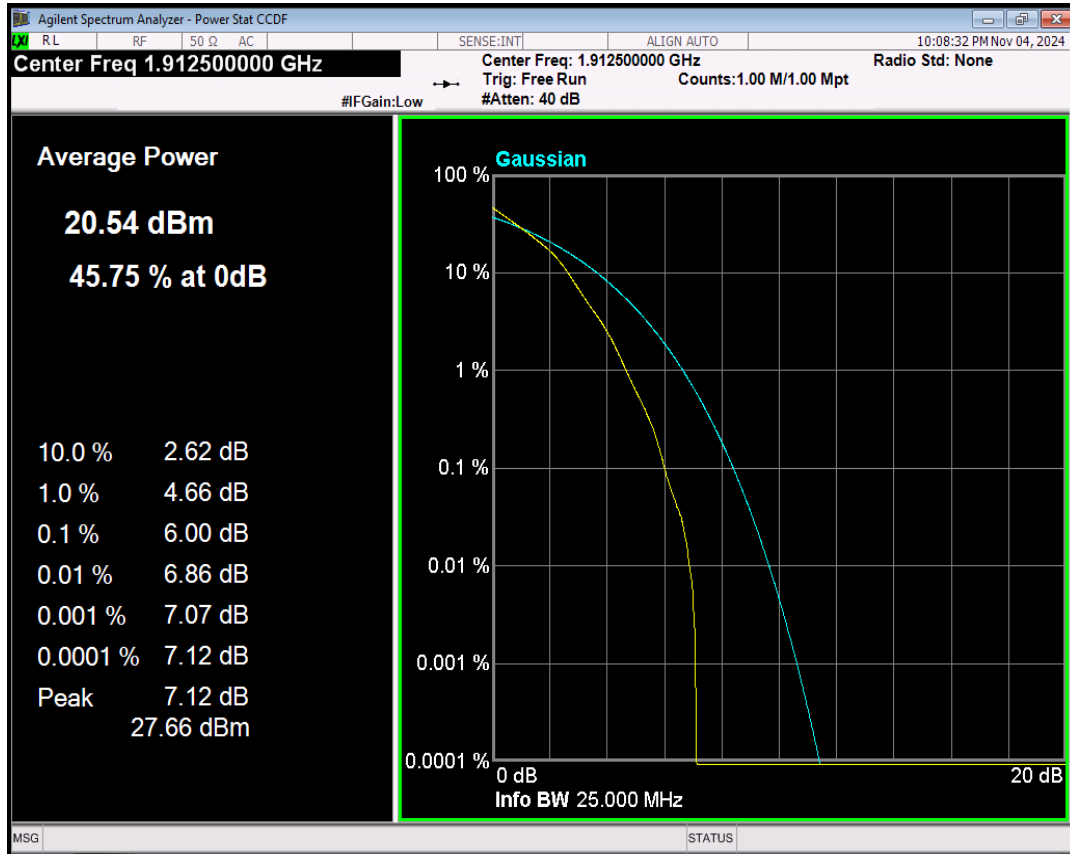
Band25 QPSK BW=5MHz Channel=26365 RB Size=1 Position=#0



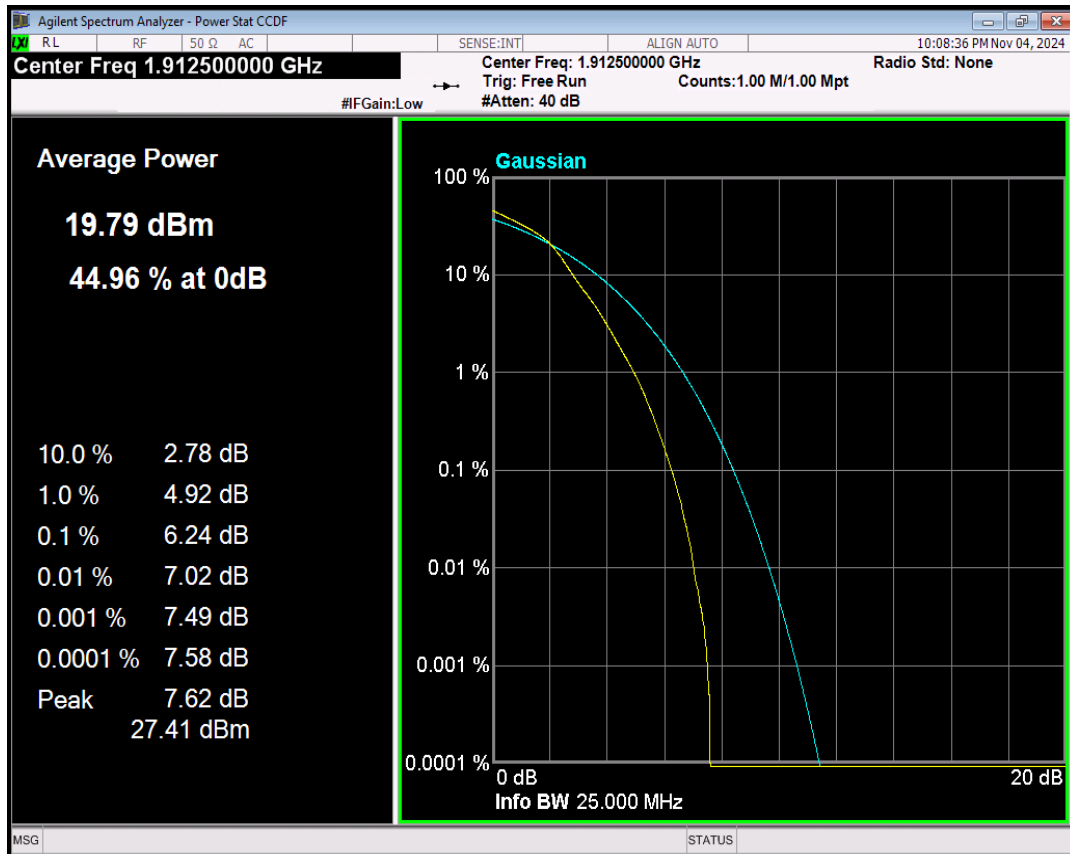
Band25 16QAM BW=5MHz Channel=26365 RB Size=1 Position=#0



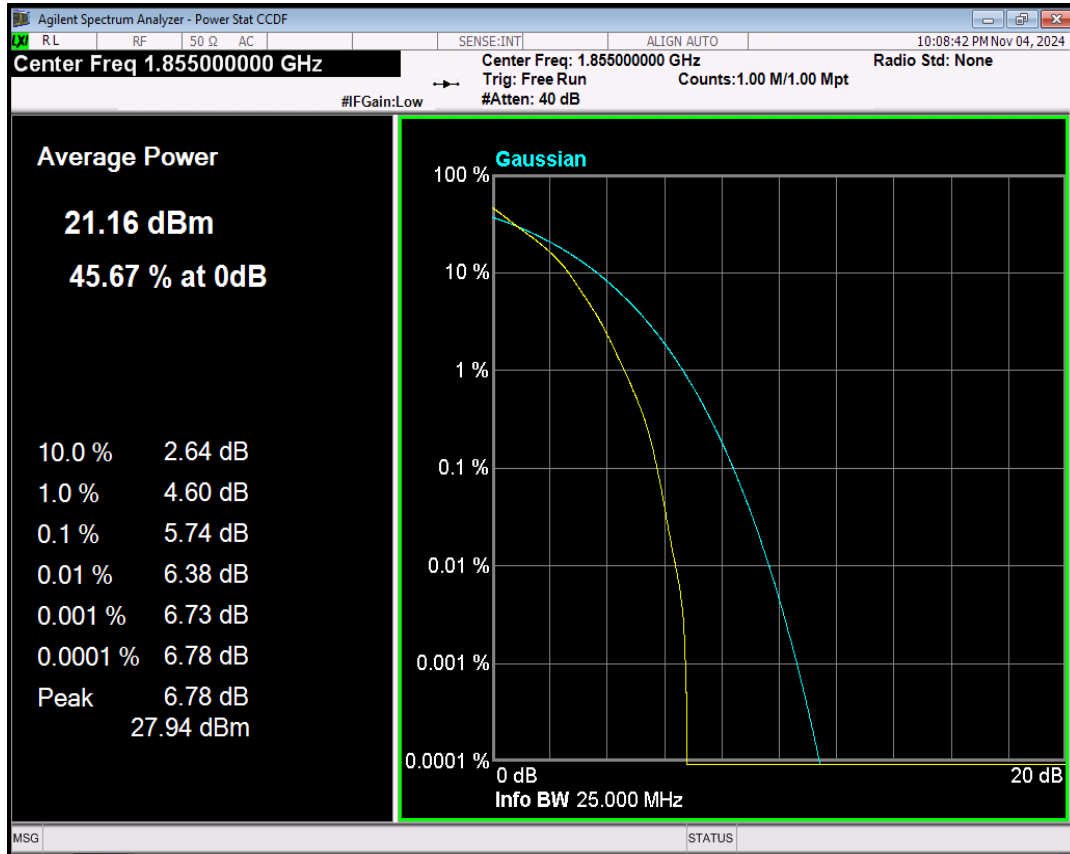
Band25 QPSK BW=5MHz Channel=26665 RB Size=1 Position=#0



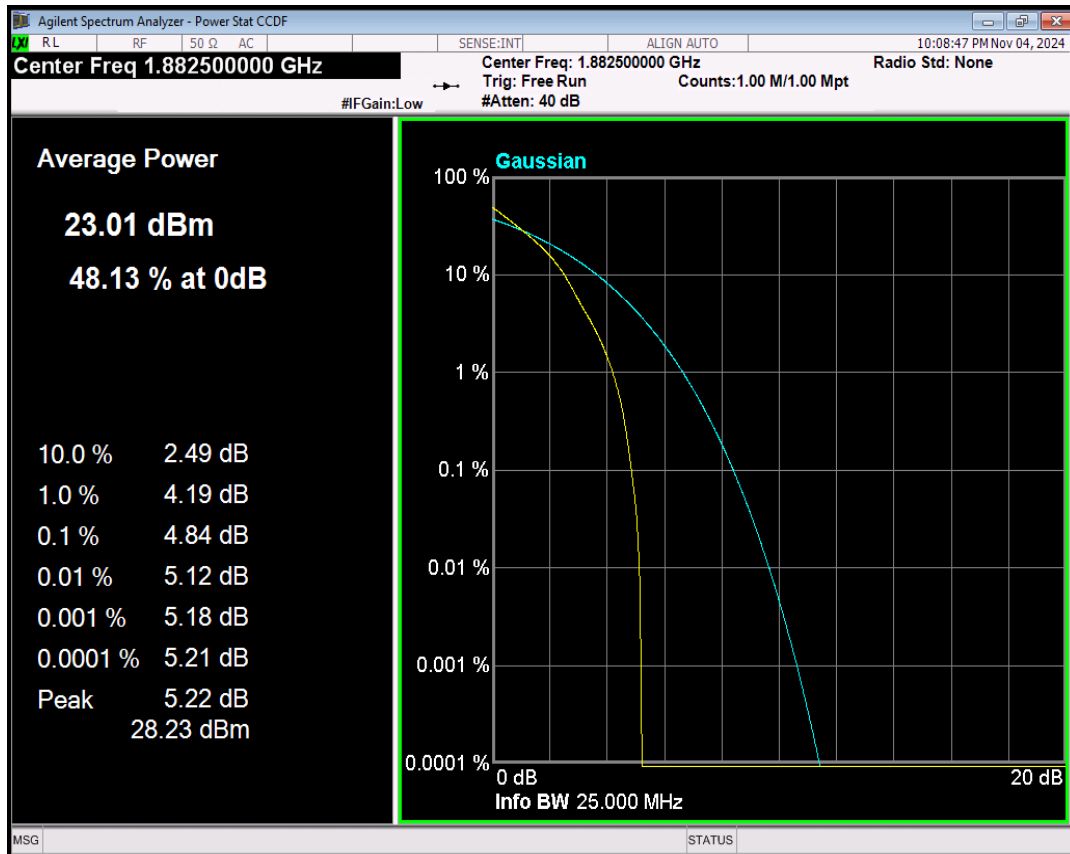
Band25 16QAM BW=5MHz Channel=26665 RB Size=1 Position=#0



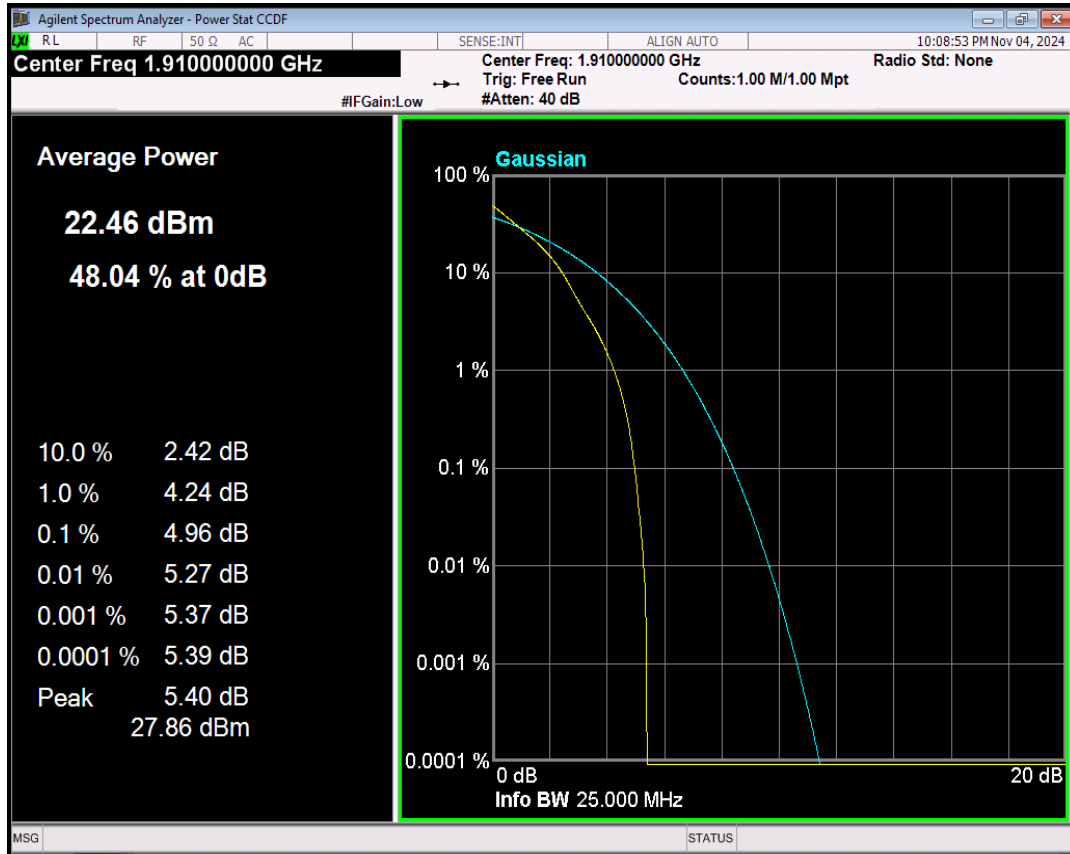
Band25 QPSK BW=10MHz Channel=26090 RB Size=1 Position=#0



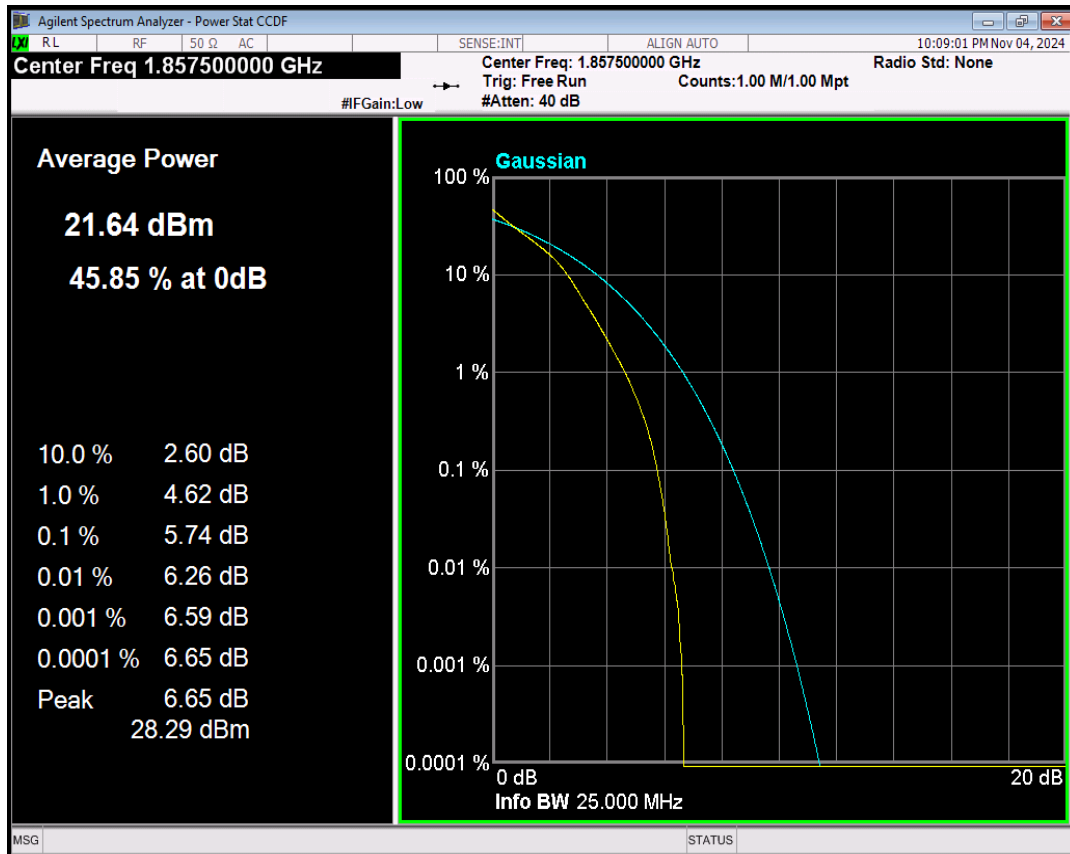
Band25 QPSK BW=10MHz Channel=26365 RB Size=1 Position=#0



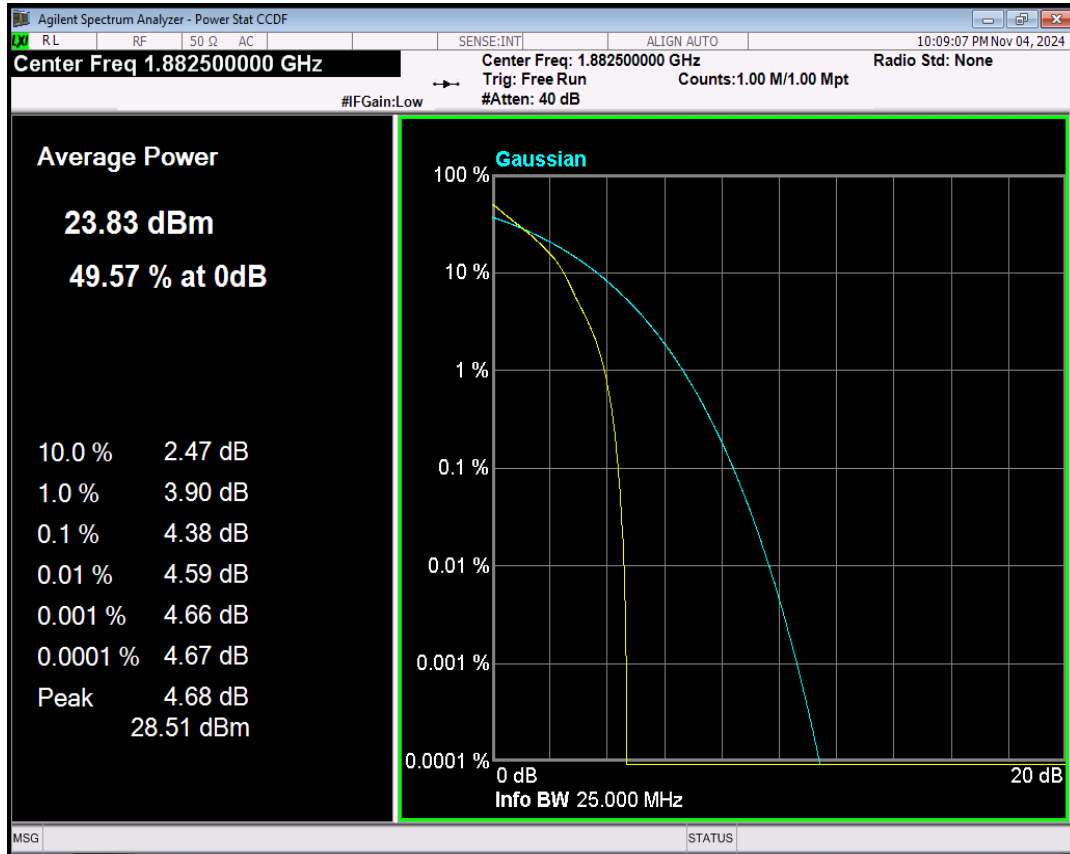
Band25 QPSK BW=10MHz Channel=26640 RB Size=1 Position=#0



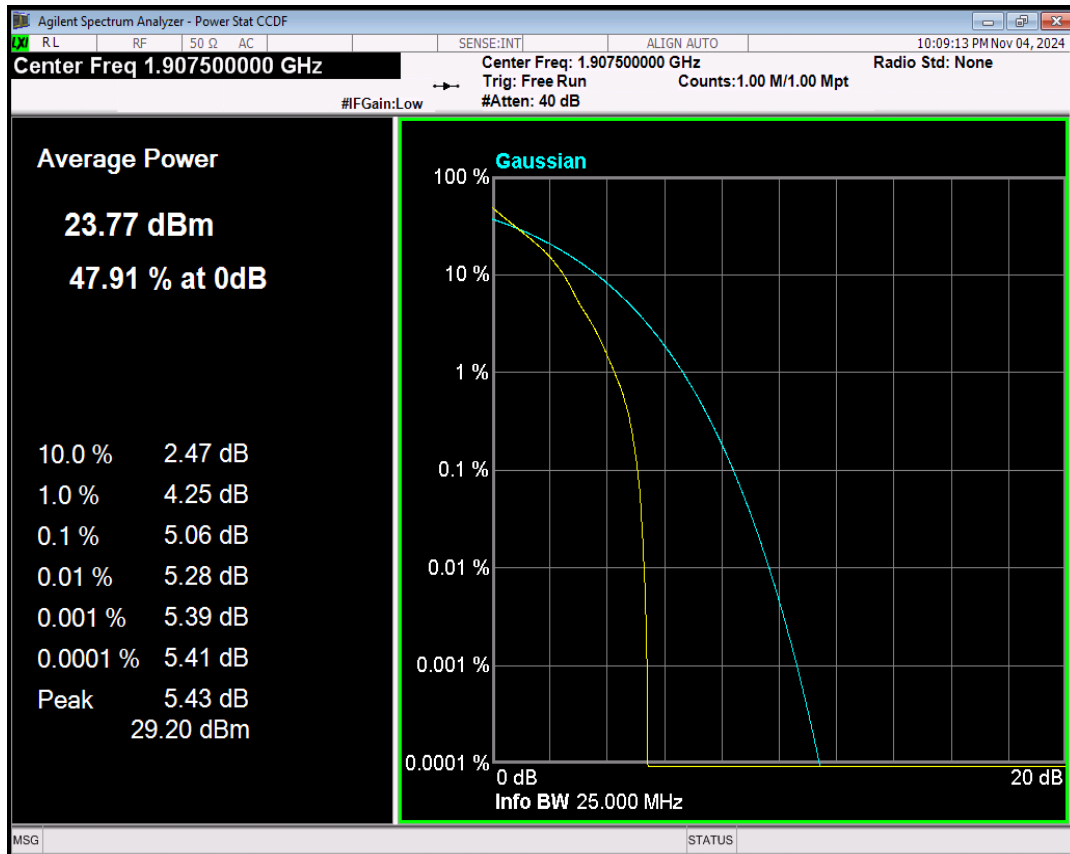
Band25 QPSK BW=15MHz Channel=26115 RB Size=1 Position=#0



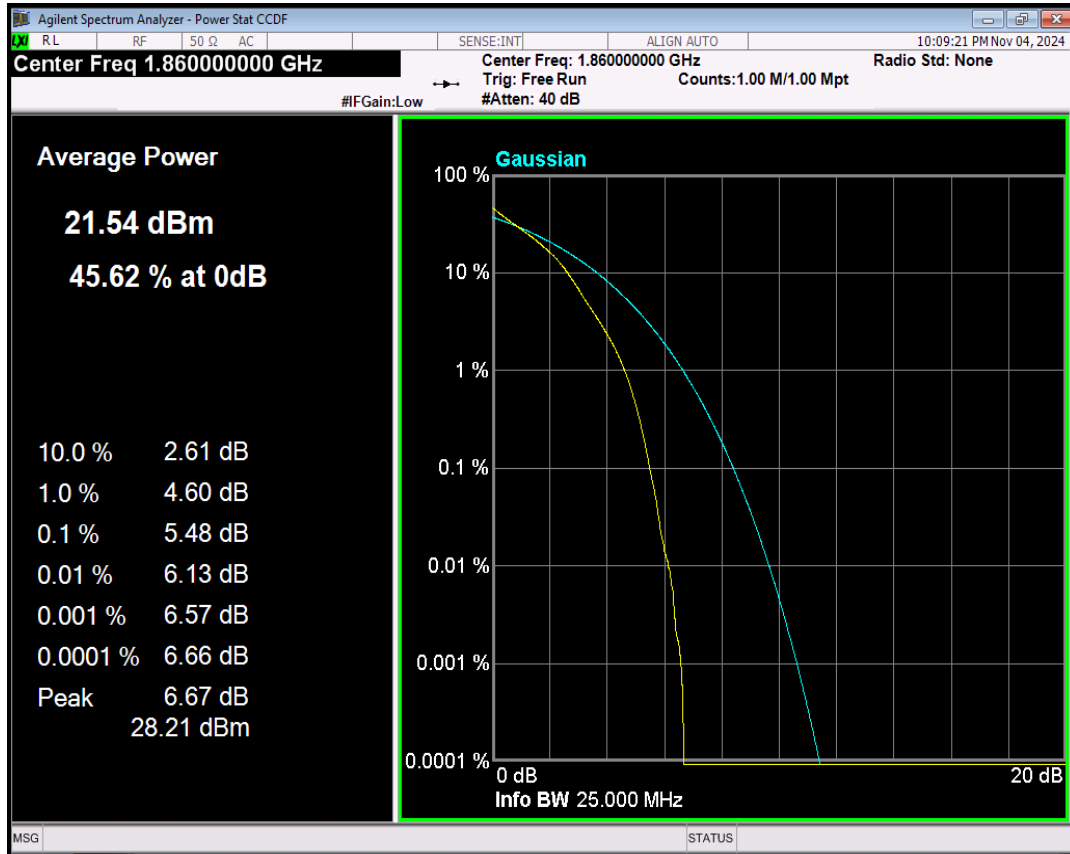
Band25 QPSK BW=15MHz Channel=26365 RB Size=1 Position=#0



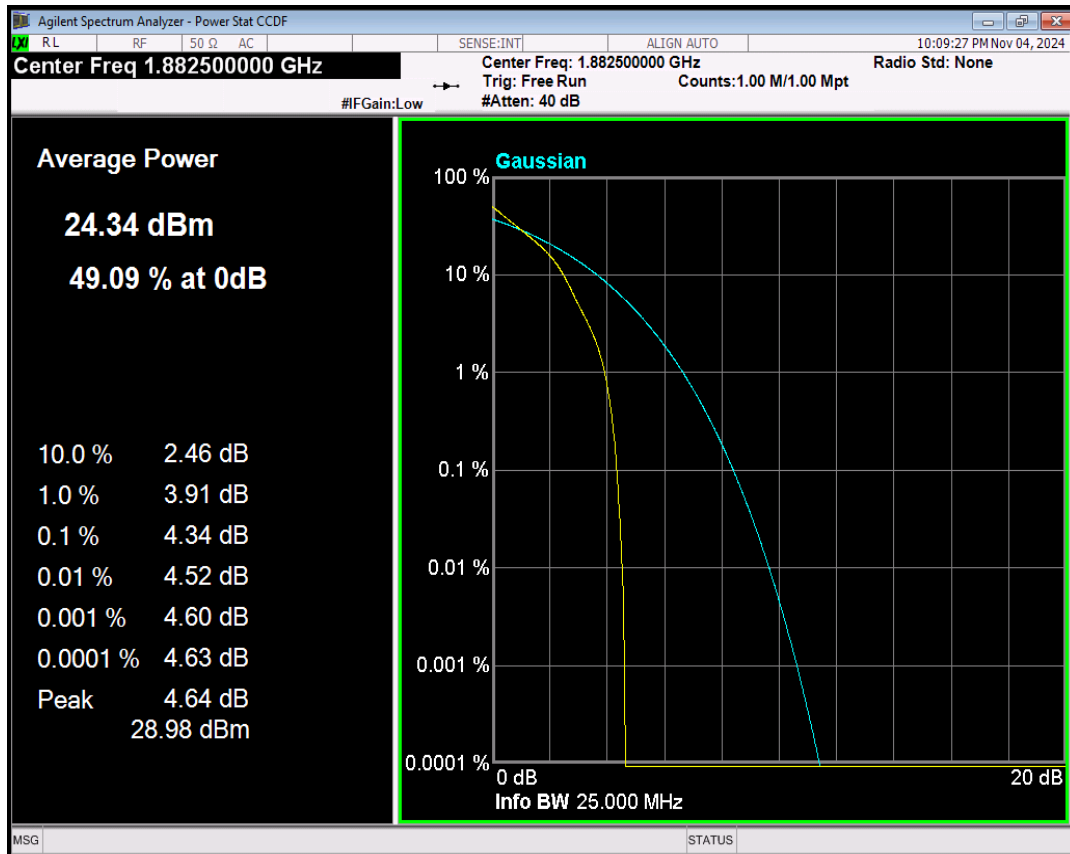
Band25 QPSK BW=15MHz Channel=26615 RB Size=1 Position=#0



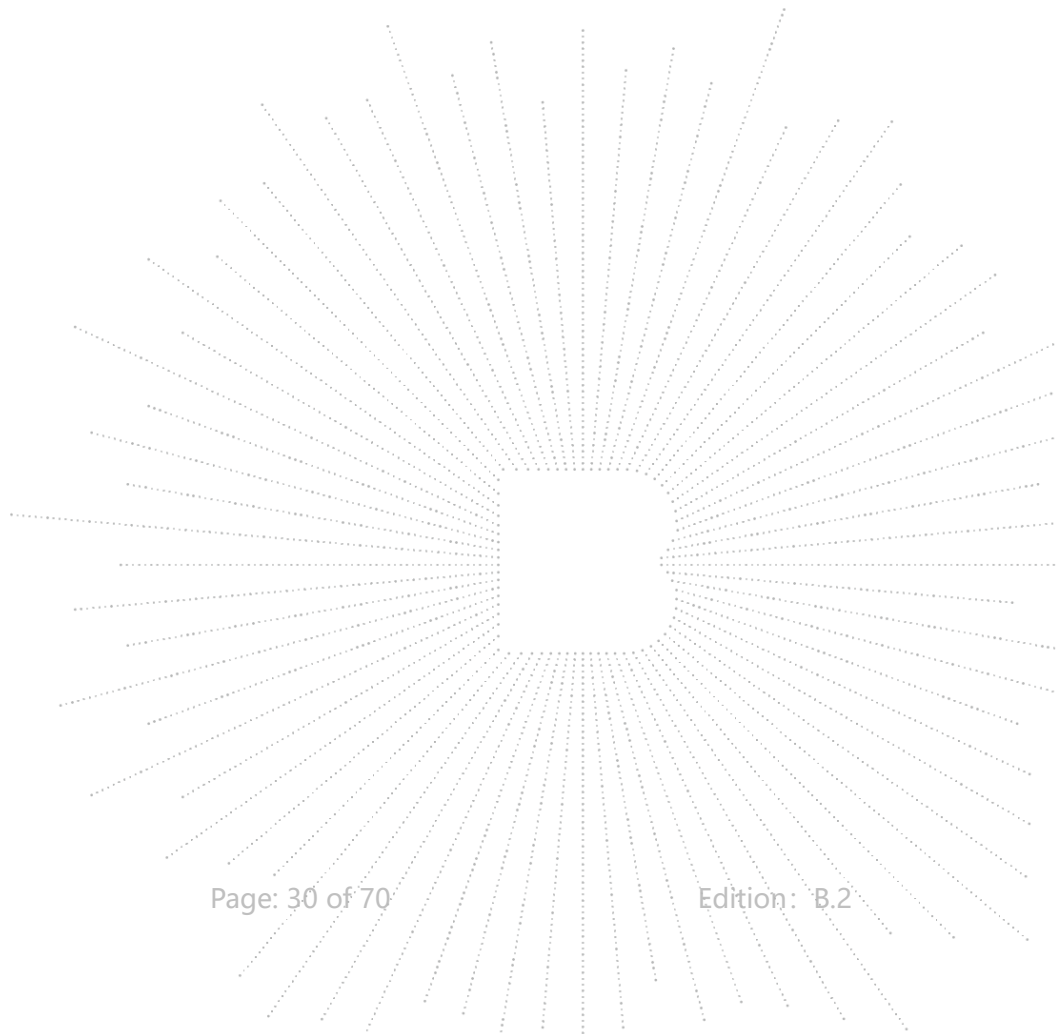
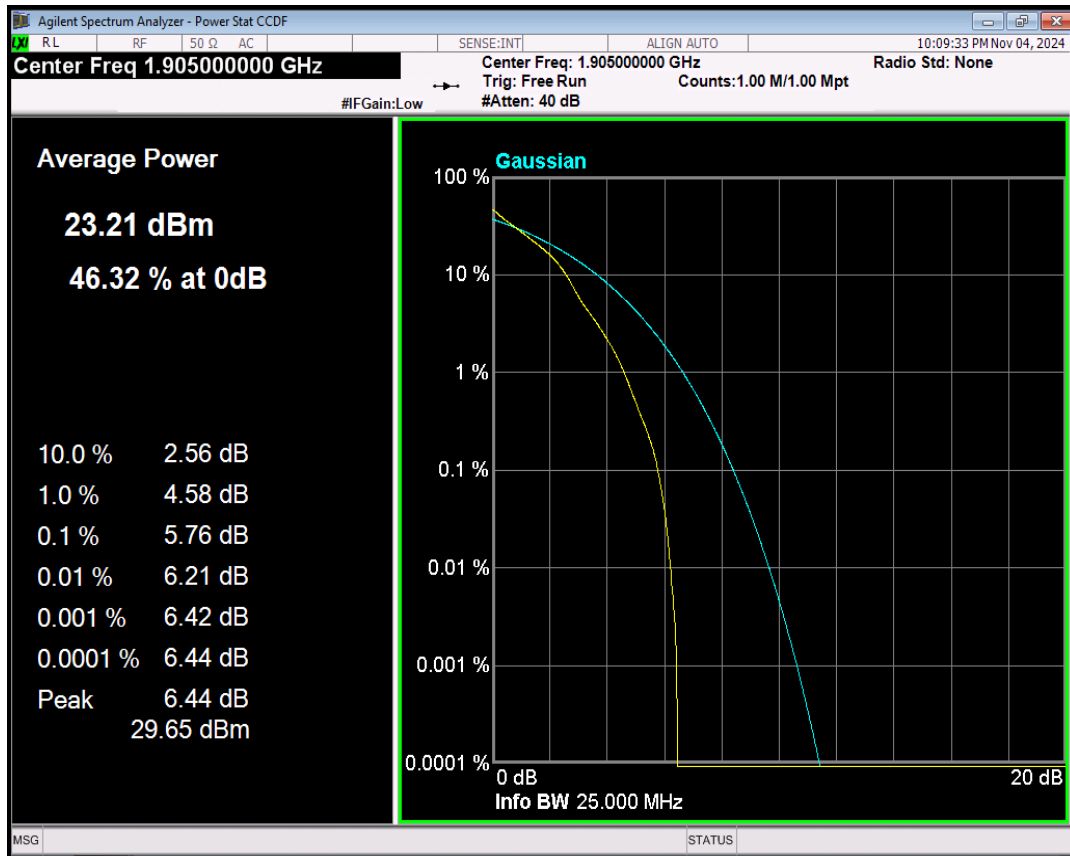
Band25 QPSK BW=20MHz Channel=26140 RB Size=1 Position=#0



Band25 QPSK BW=20MHz Channel=26365 RB Size=1 Position=#0



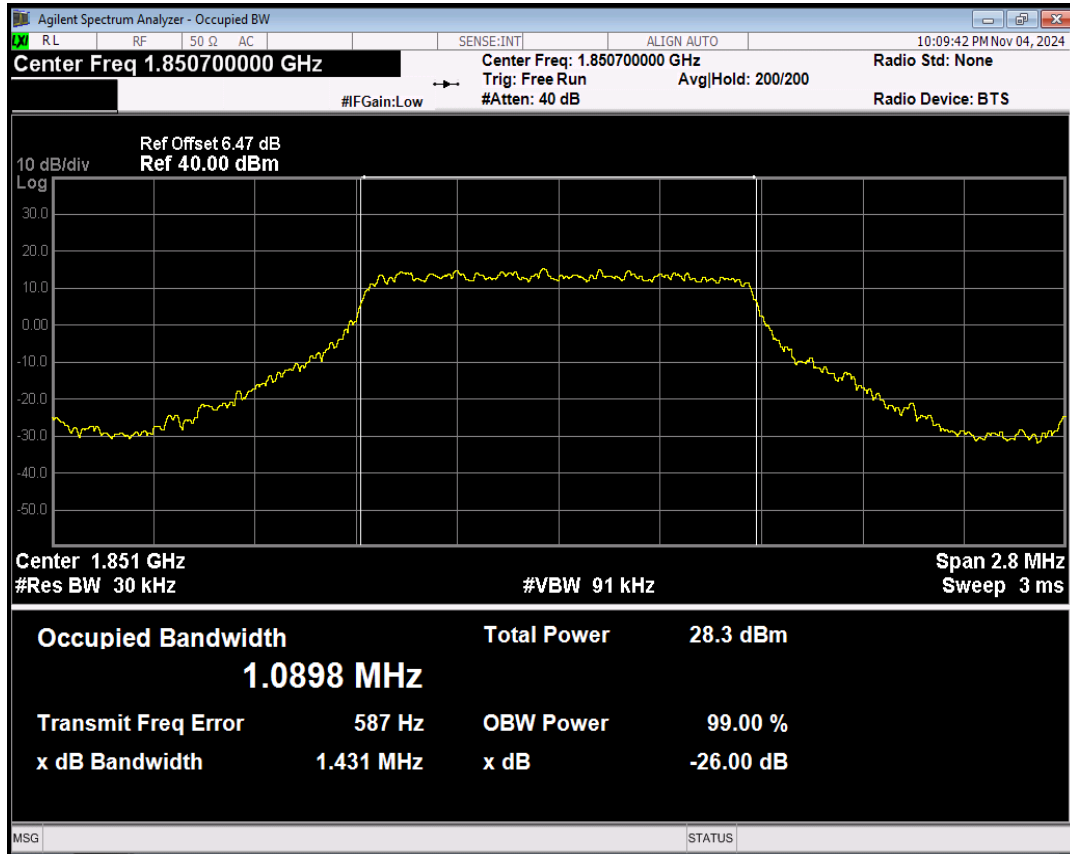
Band25 QPSK BW=20MHz Channel=26590 RB Size=1 Position=#0



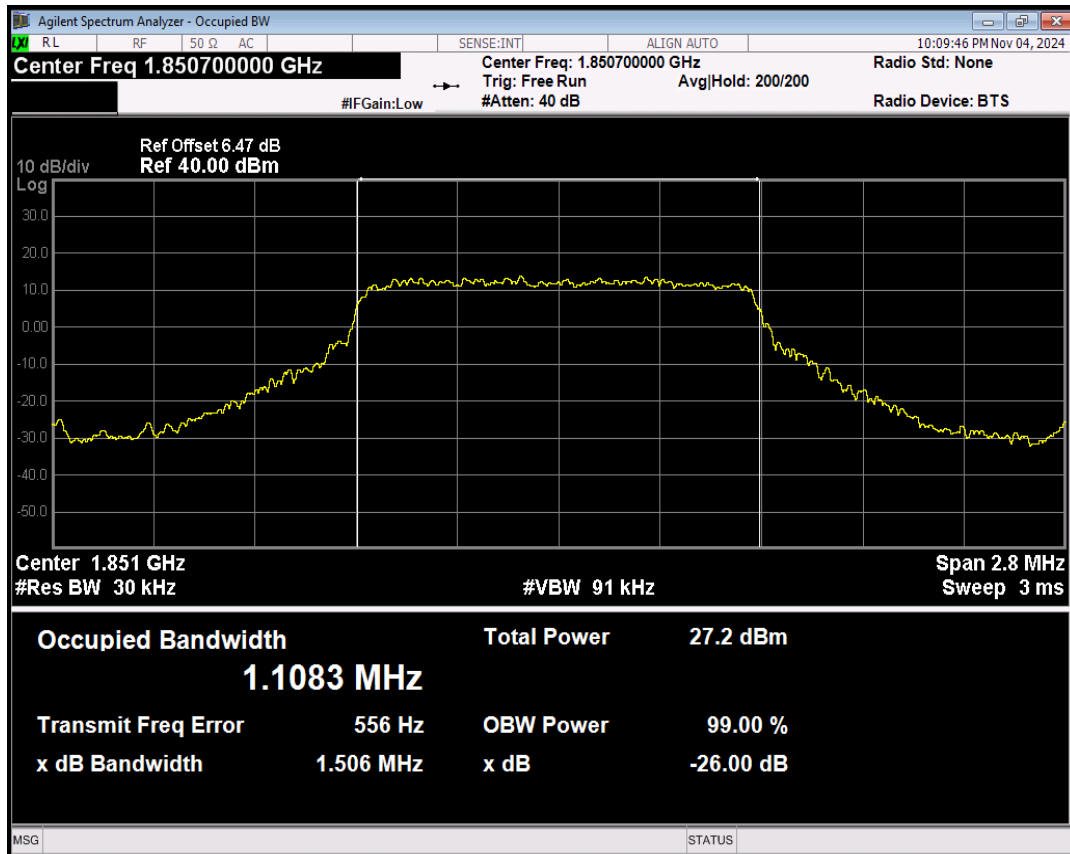
Appendix 4. Occupied bandwidth

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
Band25	1.4	26047	6	#0	QPSK	1.090	1.431	PASS
Band25	1.4	26047	6	#0	16QAM	1.108	1.506	PASS
Band25	1.4	26365	6	#0	QPSK	1.095	1.415	PASS
Band25	1.4	26365	6	#0	16QAM	1.095	1.446	PASS
Band25	1.4	26683	6	#0	QPSK	1.104	1.462	PASS
Band25	1.4	26683	6	#0	16QAM	1.101	1.428	PASS
Band25	3	26055	15	#0	QPSK	2.696	3.167	PASS
Band25	3	26055	15	#0	16QAM	2.690	3.199	PASS
Band25	3	26365	15	#0	QPSK	2.698	3.194	PASS
Band25	3	26365	15	#0	16QAM	2.689	3.167	PASS
Band25	3	26675	15	#0	QPSK	2.678	3.139	PASS
Band25	3	26675	15	#0	16QAM	2.680	3.236	PASS
Band25	5	26065	25	#0	QPSK	4.506	5.035	PASS
Band25	5	26065	25	#0	16QAM	4.500	5.068	PASS
Band25	5	26365	25	#0	QPSK	4.488	5.036	PASS
Band25	5	26365	25	#0	16QAM	4.482	5.017	PASS
Band25	5	26665	25	#0	QPSK	4.467	5.002	PASS
Band25	5	26665	25	#0	16QAM	4.482	4.945	PASS
Band25	10	26090	50	#0	QPSK	8.951	9.645	PASS
Band25	10	26365	50	#0	QPSK	8.960	9.667	PASS
Band25	10	26640	50	#0	QPSK	8.970	9.587	PASS
Band25	15	26115	75	#0	QPSK	13.511	16.289	PASS
Band25	15	26365	75	#0	QPSK	13.504	16.364	PASS
Band25	15	26615	75	#0	QPSK	13.538	15.871	PASS
Band25	20	26140	100	#0	QPSK	17.921	20.487	PASS
Band25	20	26365	100	#0	QPSK	18.026	21.038	PASS
Band25	20	26590	100	#0	QPSK	18.038	20.953	PASS

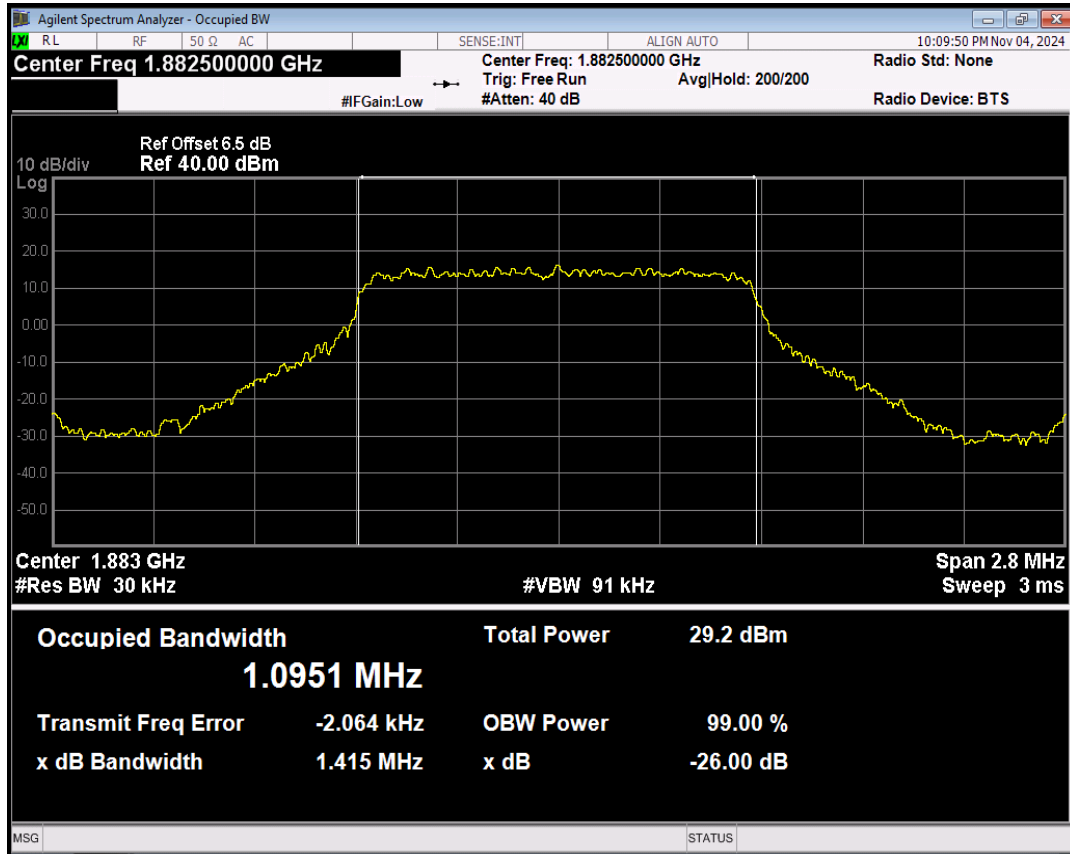
Band25 QPSK BW=1.4MHz Channel=26047 RB Size=6 Position=#0



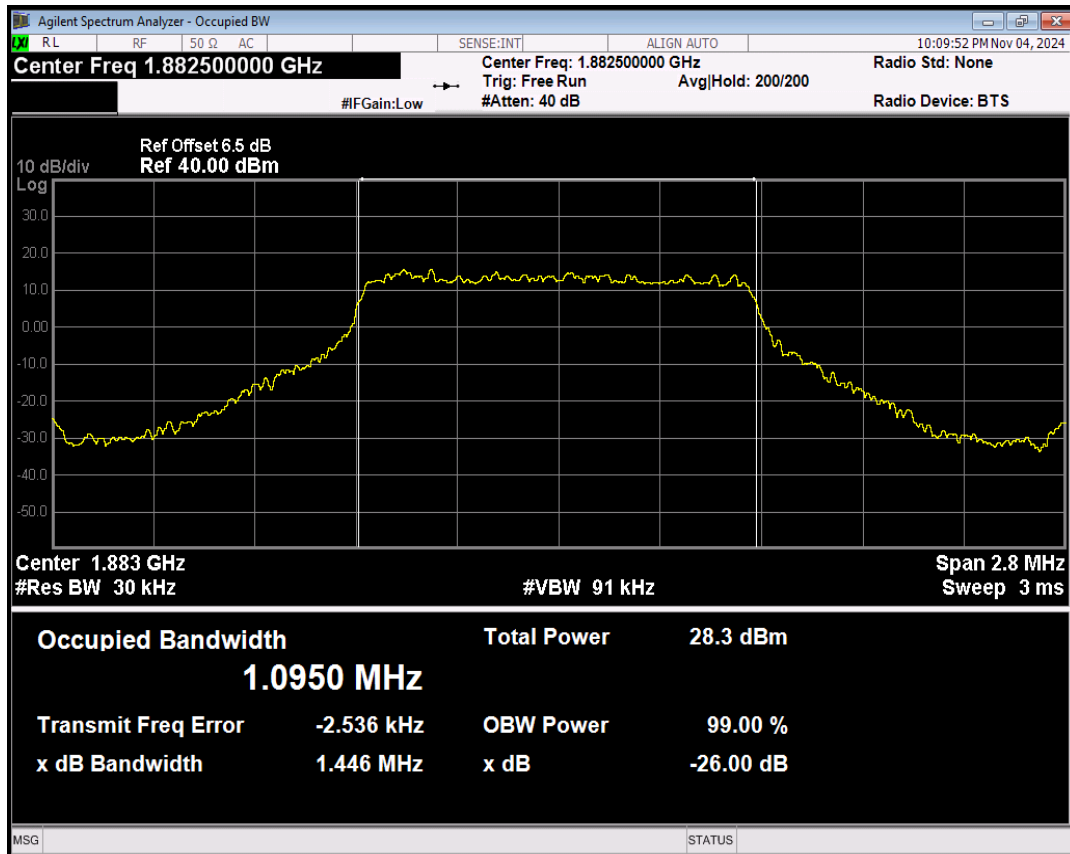
Band25 16QAM BW=1.4MHz Channel=26047 RB Size=6 Position=#0



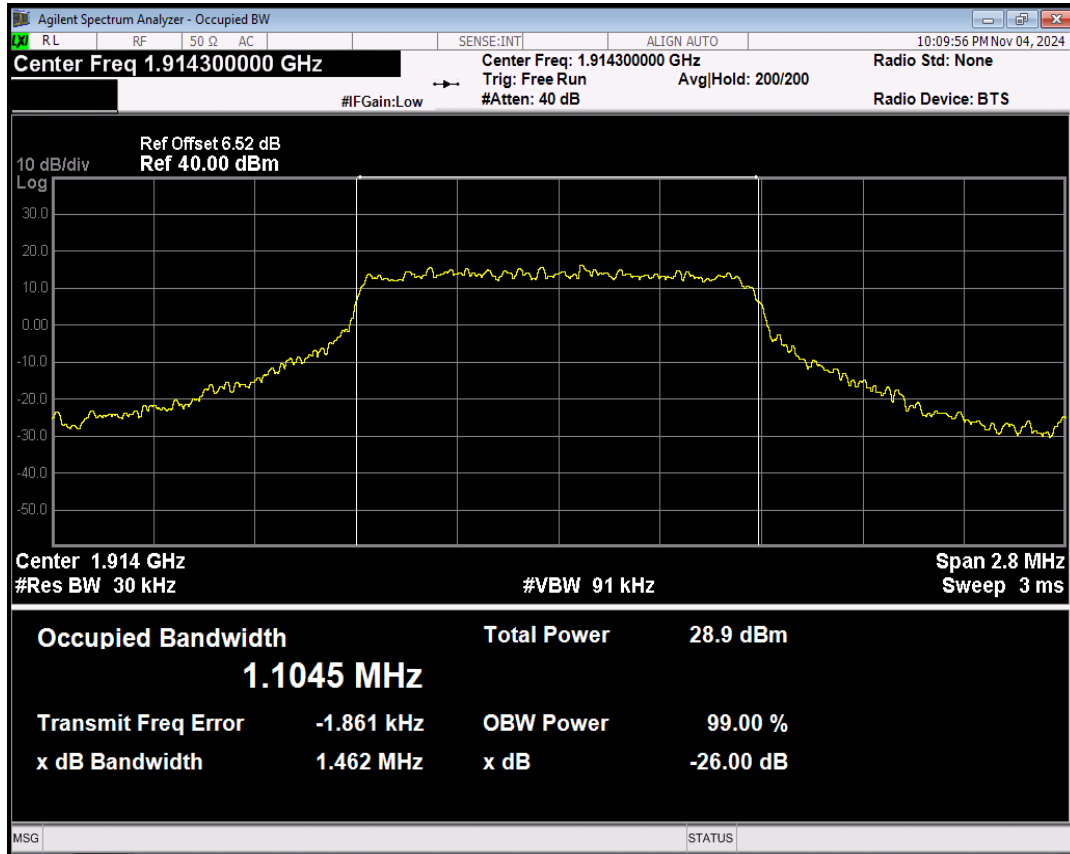
Band25 QPSK BW=1.4MHz Channel=26365 RB Size=6 Position=#0



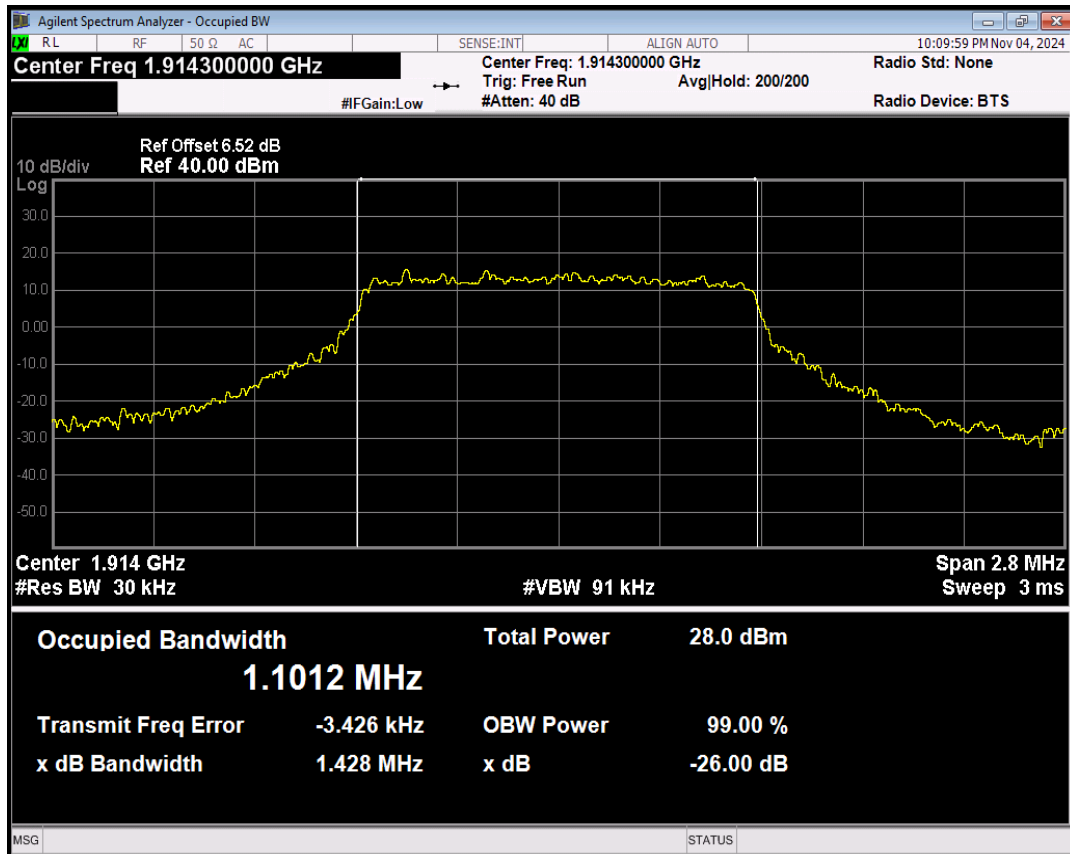
Band25 16QAM BW=1.4MHz Channel=26365 RB Size=6 Position=#0



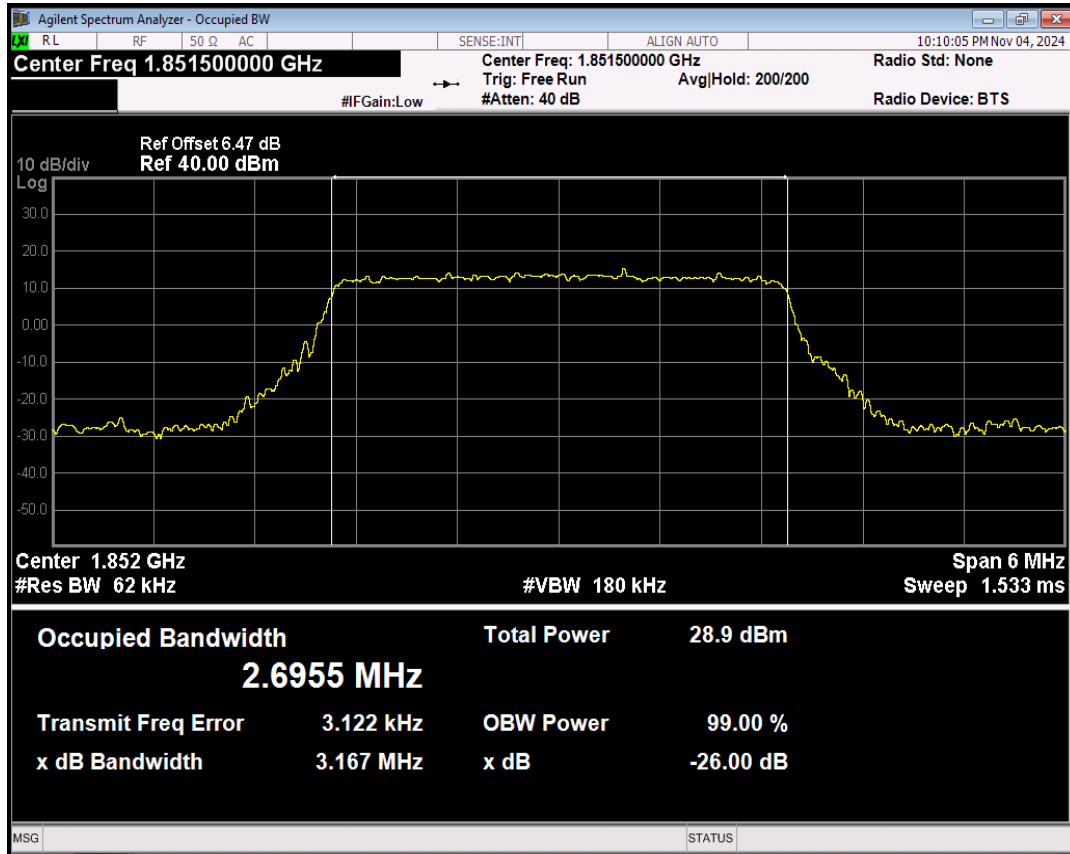
Band25 QPSK BW=1.4MHz Channel=26683 RB Size=6 Position=#0



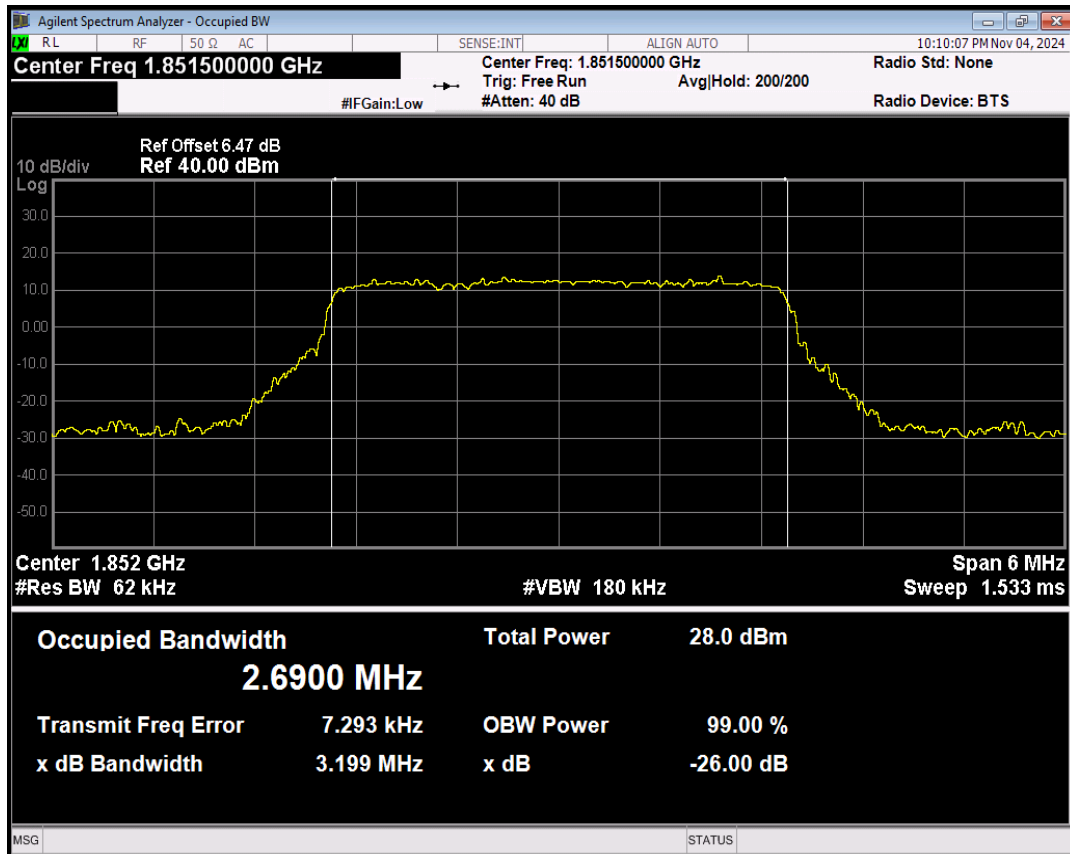
Band25 16QAM BW=1.4MHz Channel=26683 RB Size=6 Position=#0



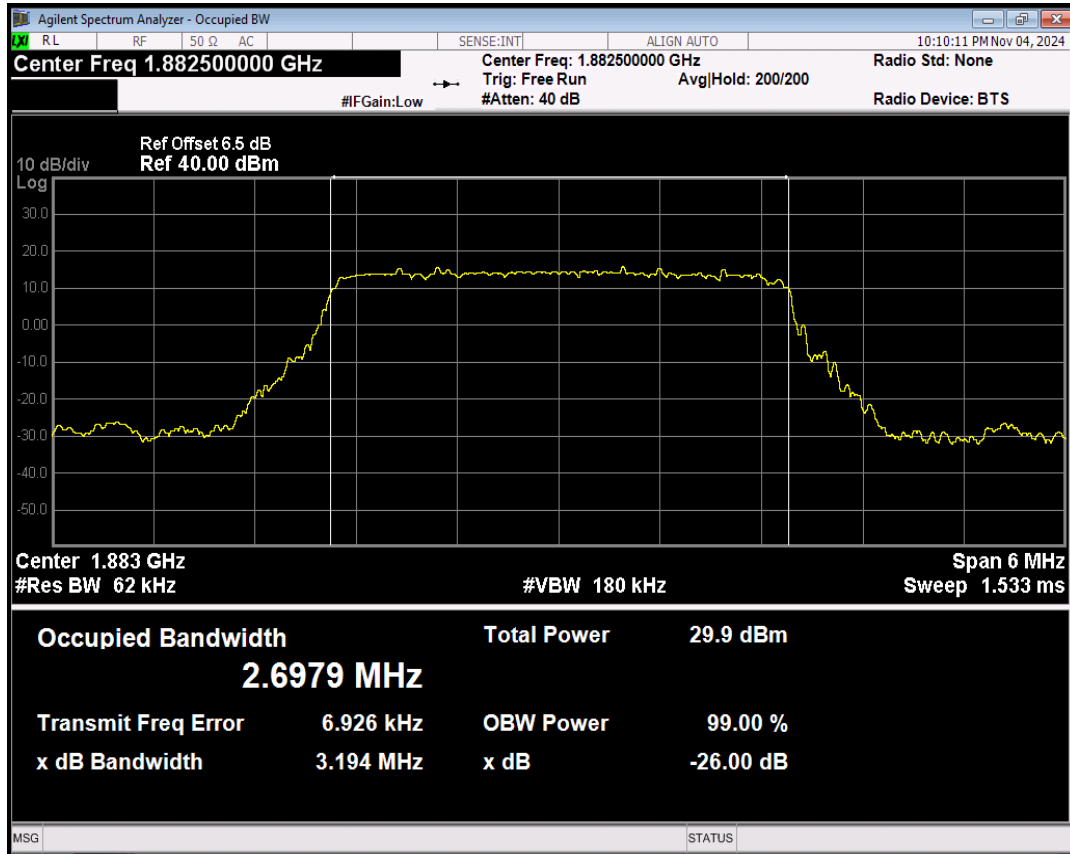
Band25 QPSK BW=3MHz Channel=26055 RB Size=15 Position=#0



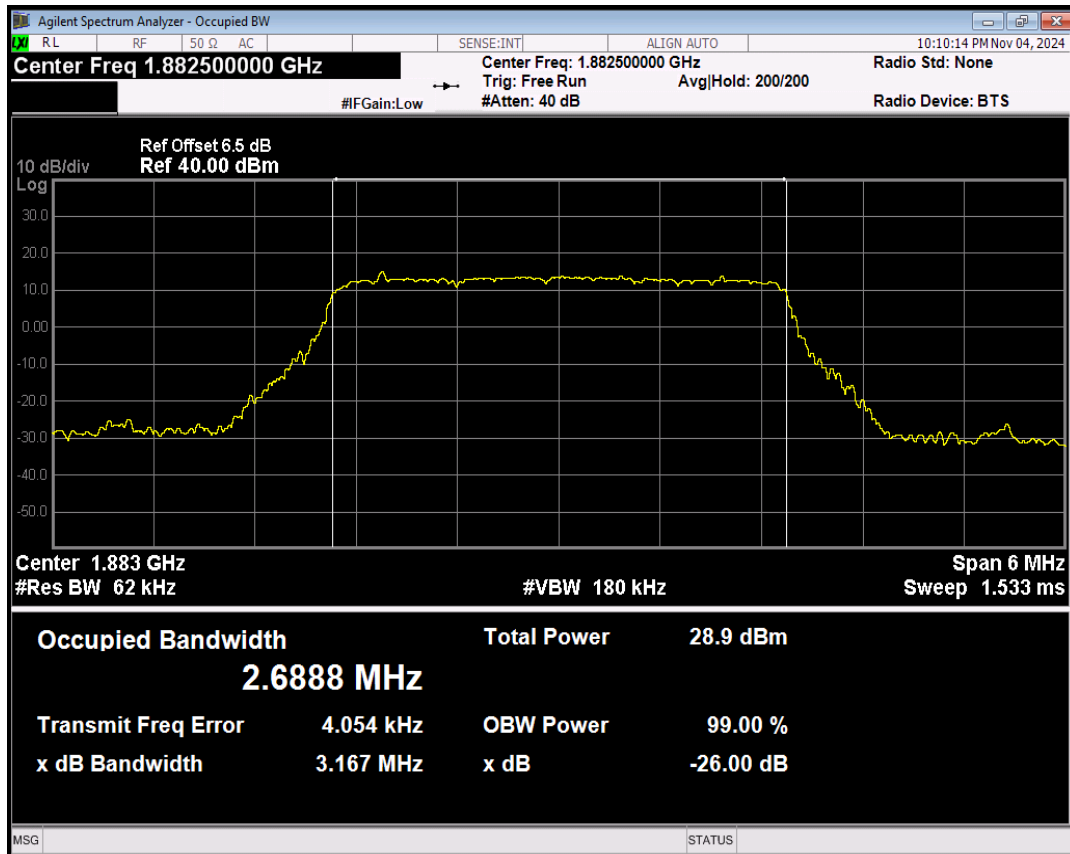
Band25 16QAM BW=3MHz Channel=26055 RB Size=15 Position=#0



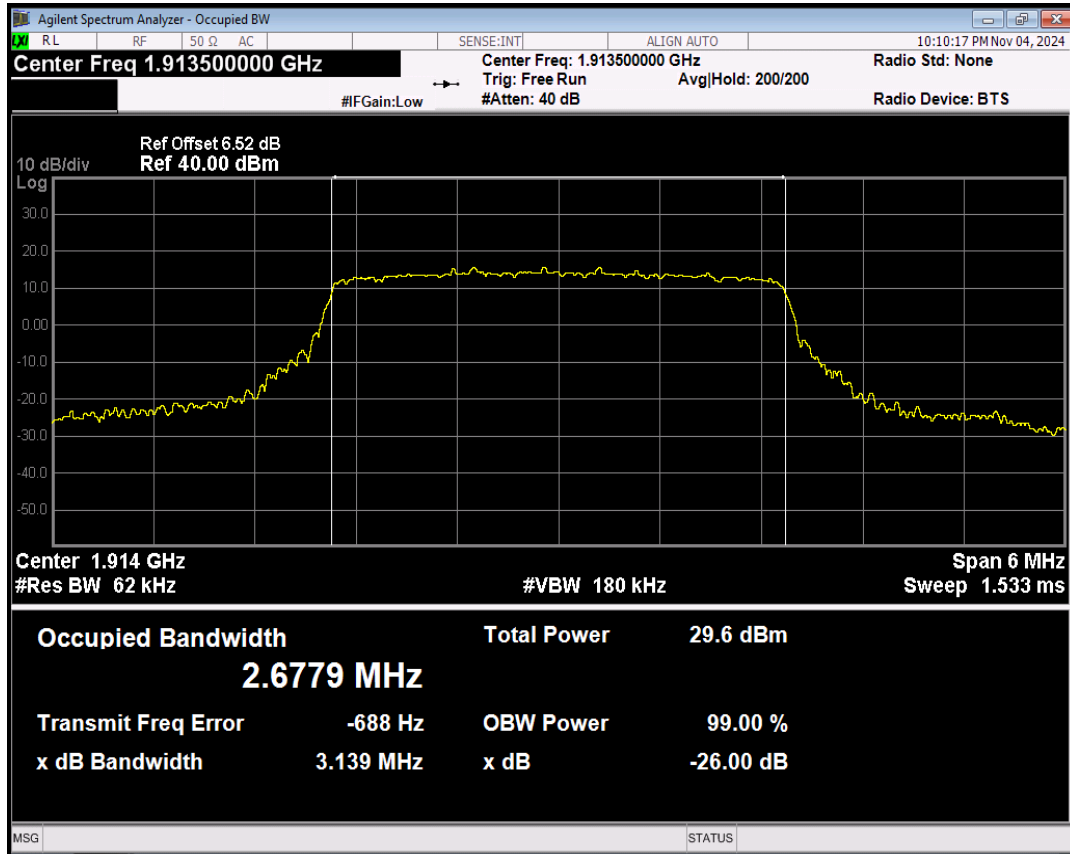
Band25 QPSK BW=3MHz Channel=26365 RB Size=15 Position=#0



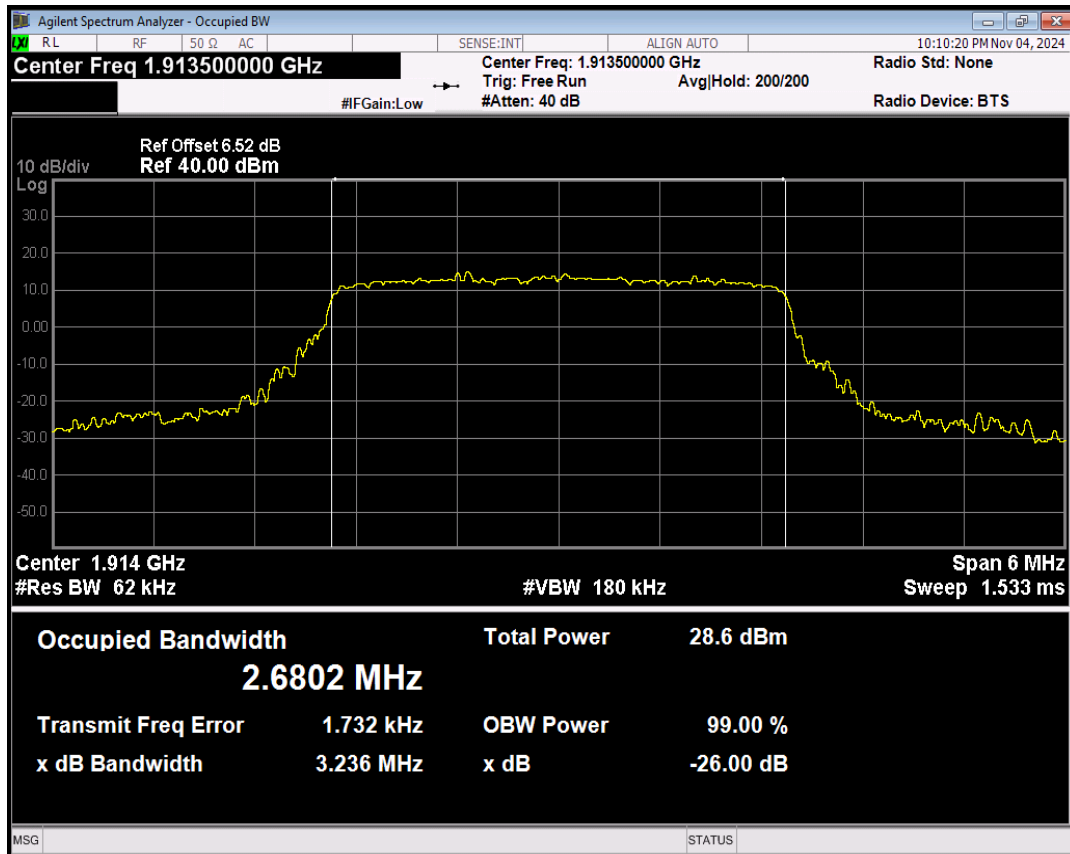
Band25 16QAM BW=3MHz Channel=26365 RB Size=15 Position=#0



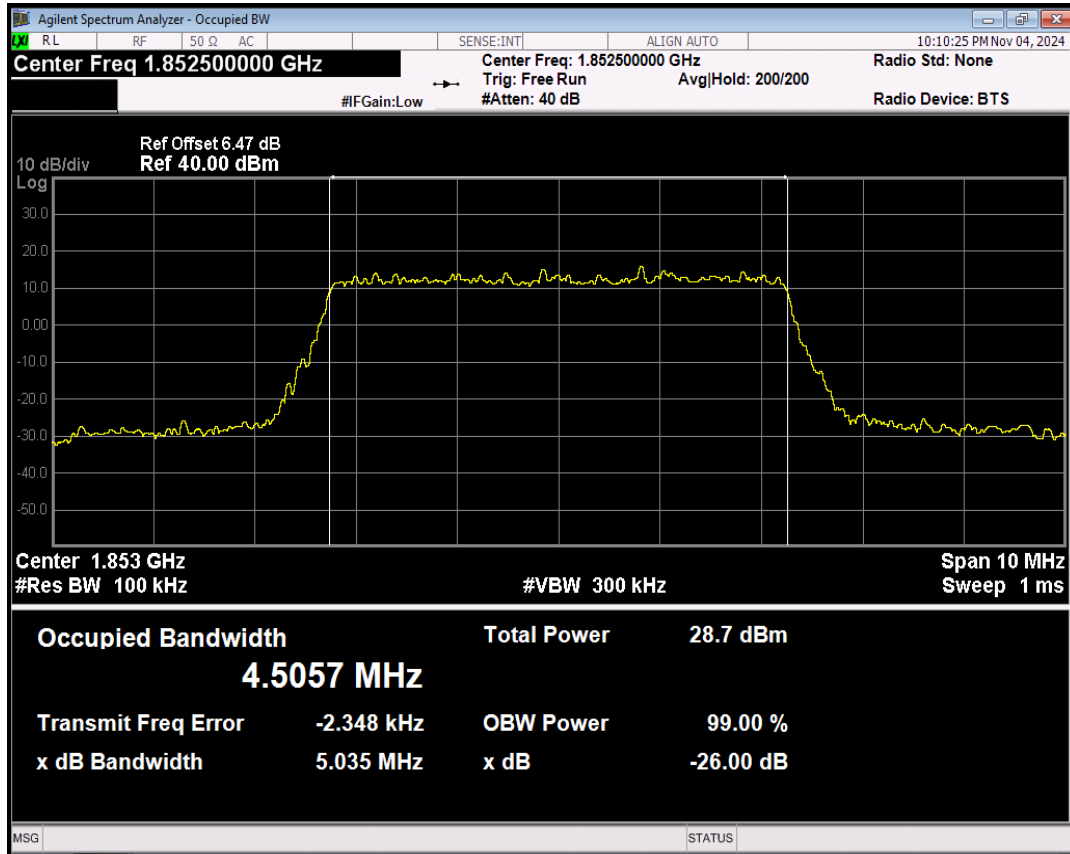
Band25 QPSK BW=3MHz Channel=26675 RB Size=15 Position=#0



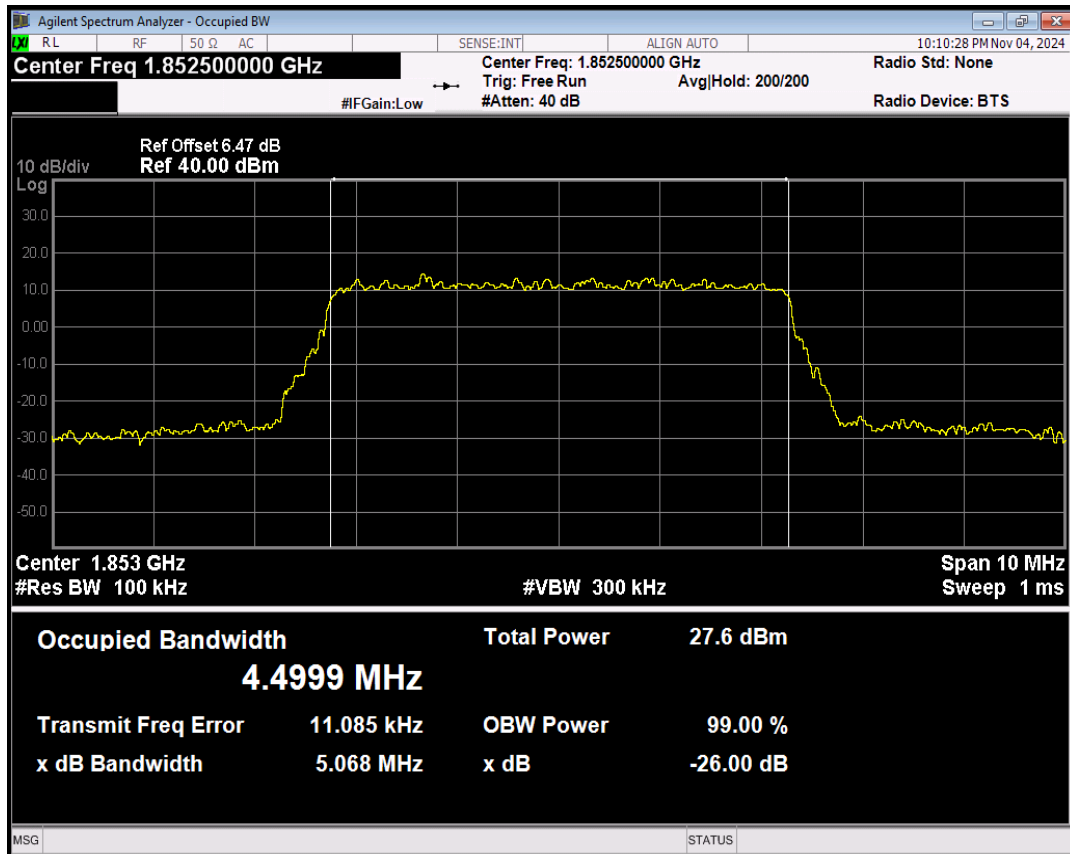
Band25 16QAM BW=3MHz Channel=26675 RB Size=15 Position=#0



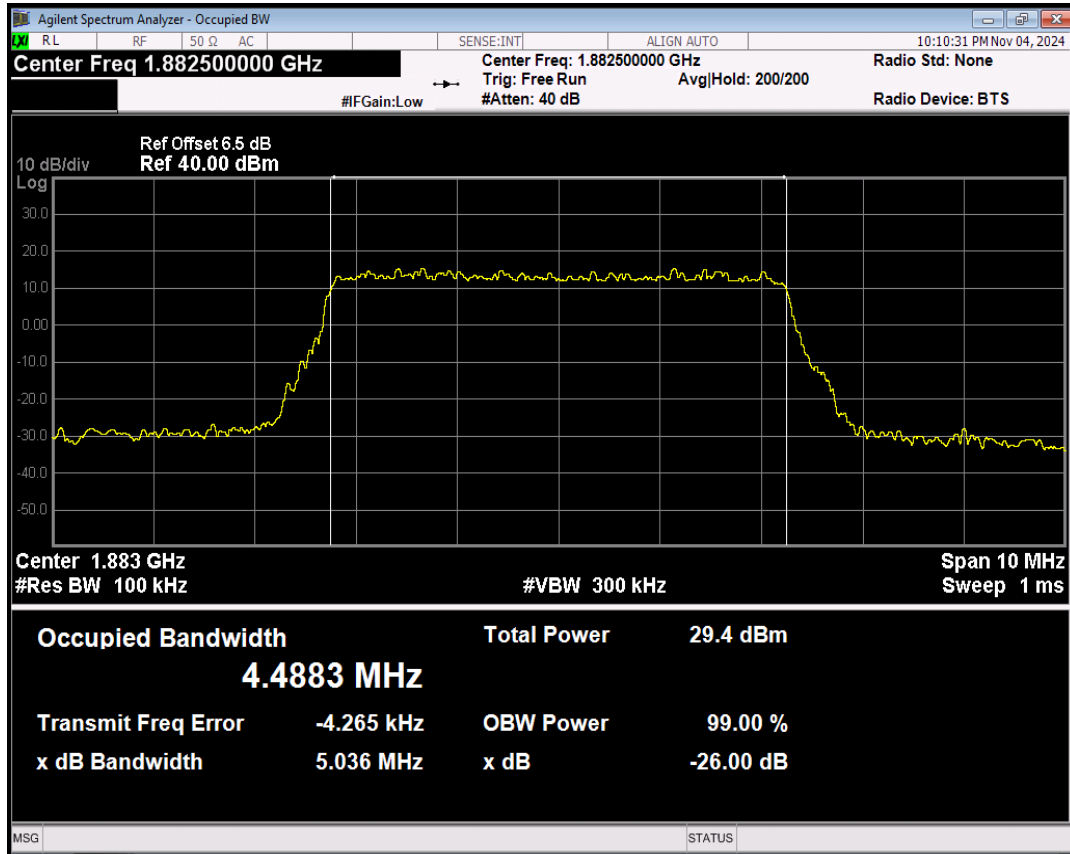
Band25 QPSK BW=5MHz Channel=26065 RB Size=25 Position=#0



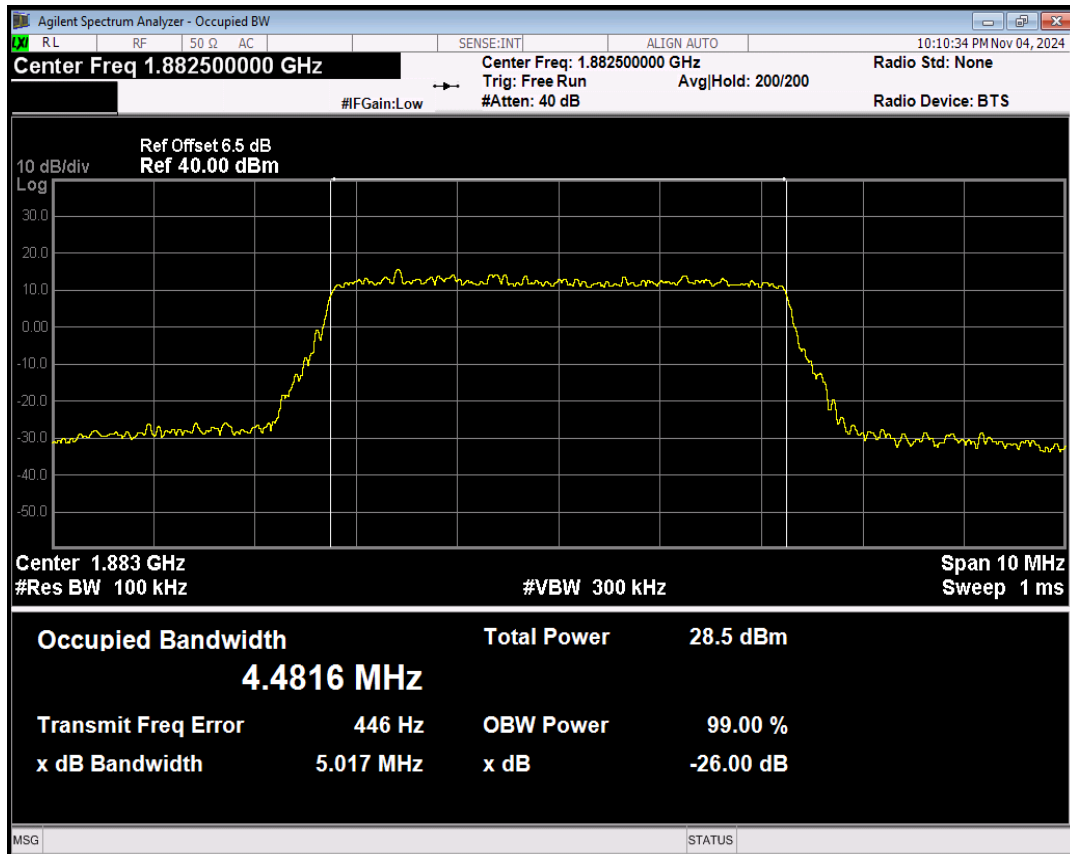
Band25 16QAM BW=5MHz Channel=26065 RB Size=25 Position=#0



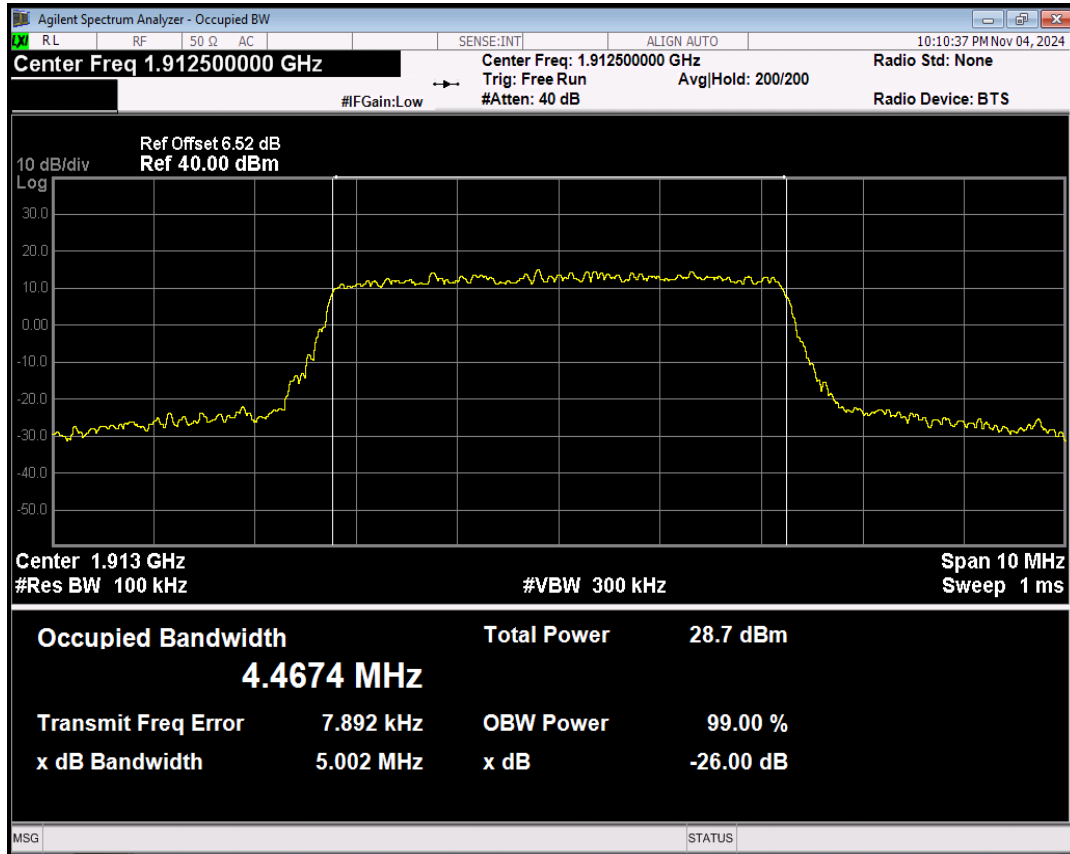
Band25 QPSK BW=5MHz Channel=26365 RB Size=25 Position=#0



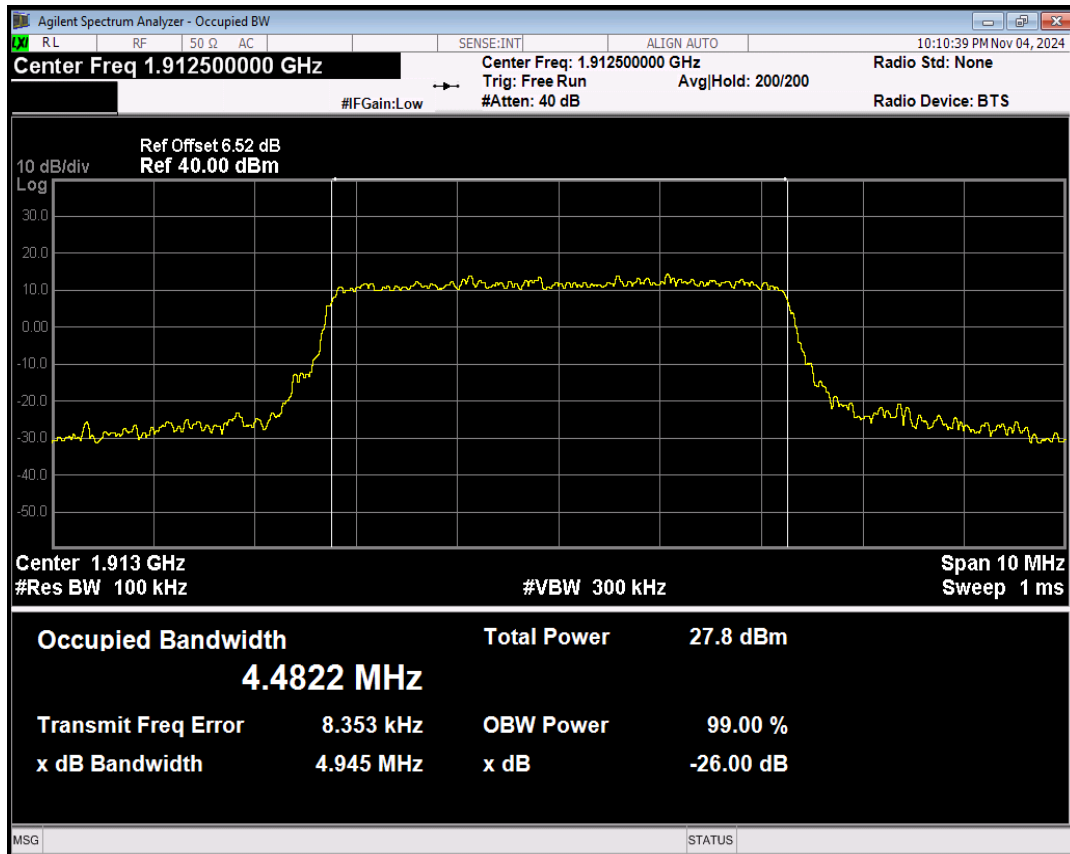
Band25 16QAM BW=5MHz Channel=26365 RB Size=25 Position=#0



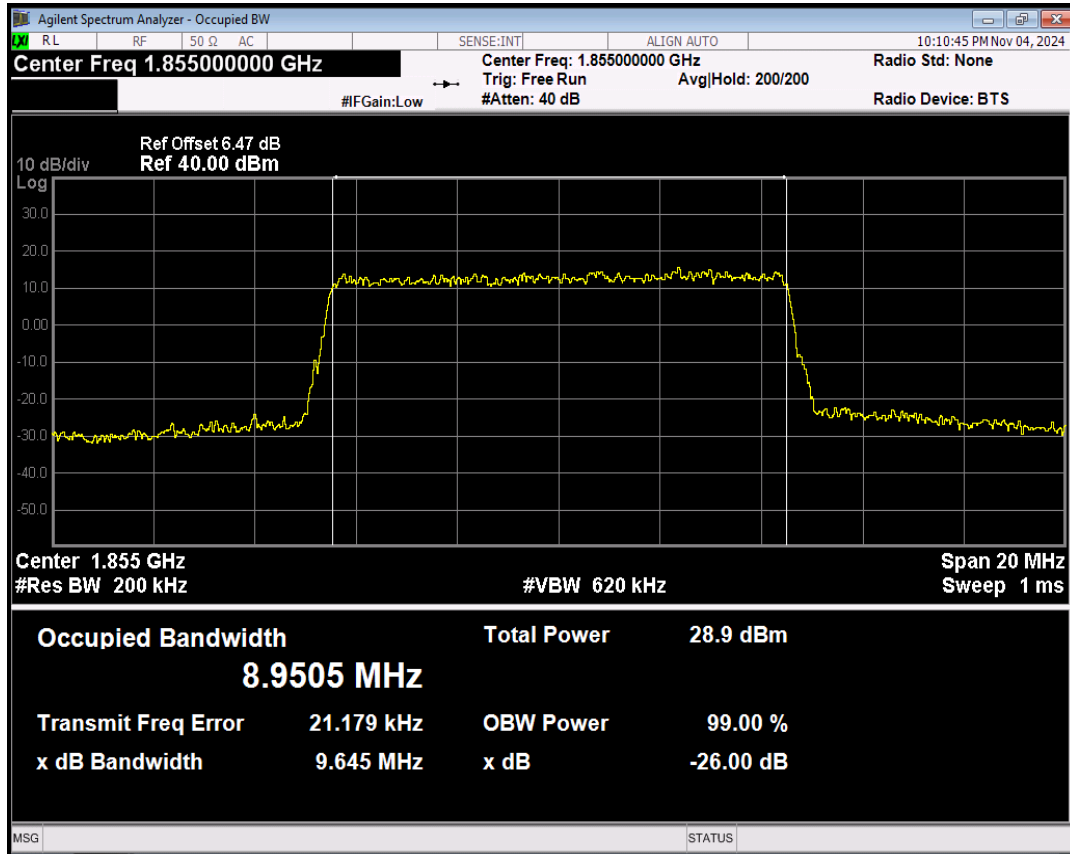
Band25 QPSK BW=5MHz Channel=26665 RB Size=25 Position=#0



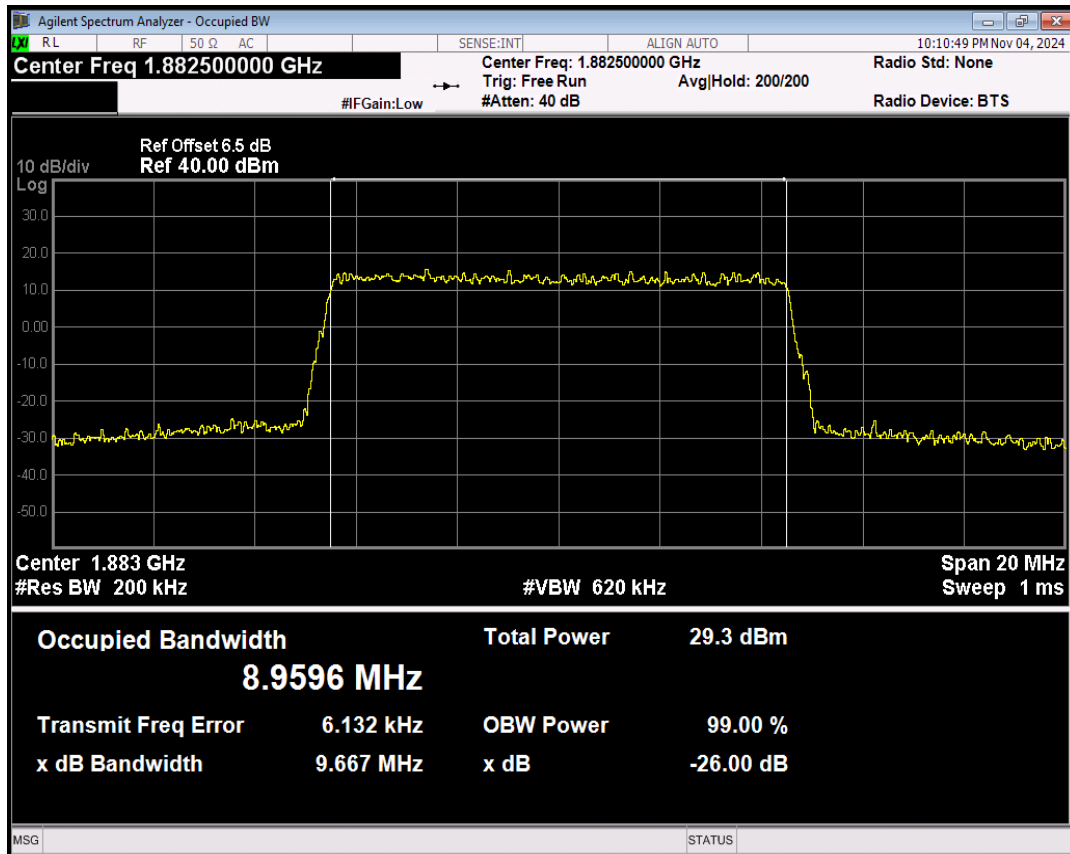
Band25 16QAM BW=5MHz Channel=26665 RB Size=25 Position=#0



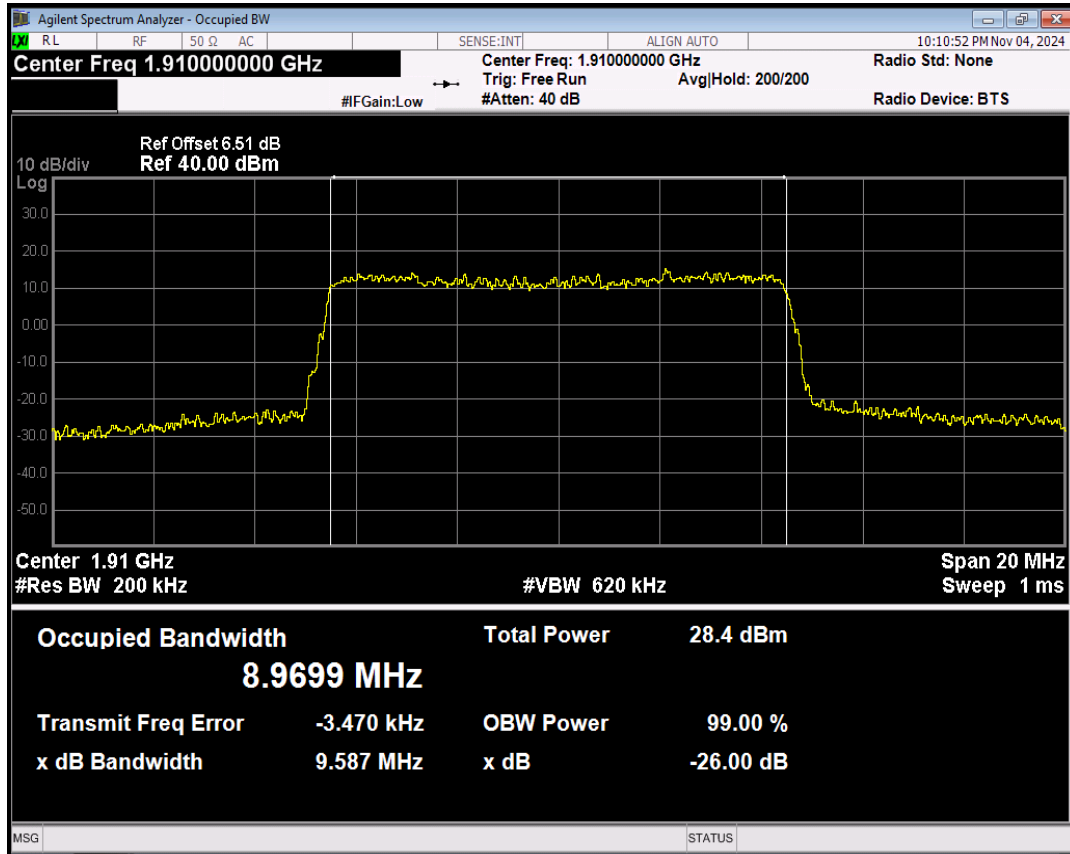
Band25 QPSK BW=10MHz Channel=26090 RB Size=50 Position=#0



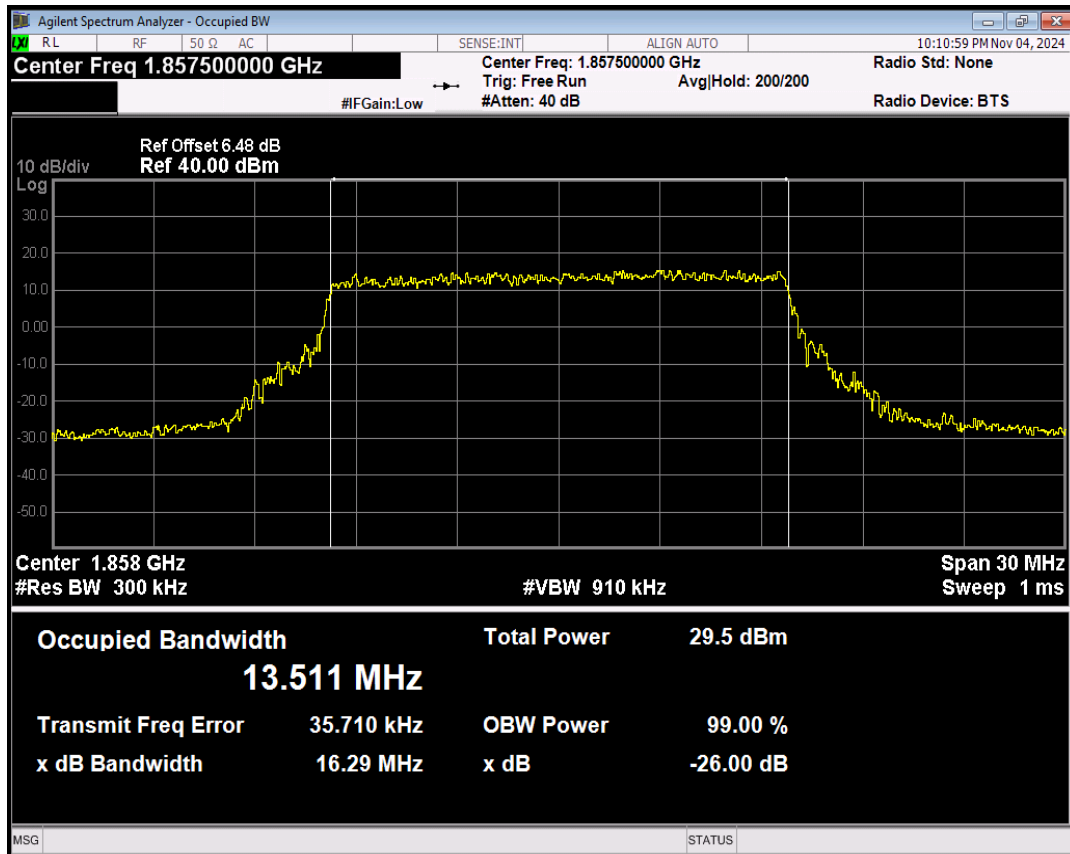
Band25 QPSK BW=10MHz Channel=26365 RB Size=50 Position=#0



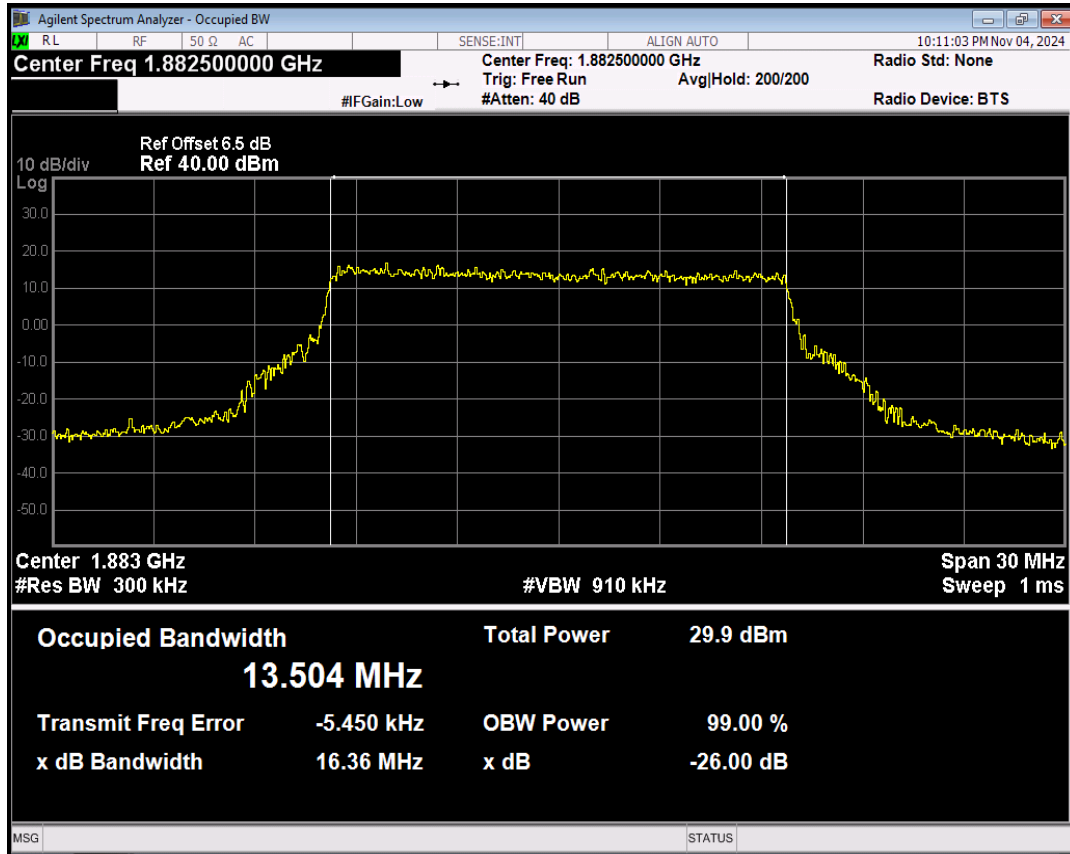
Band25 QPSK BW=10MHz Channel=26640 RB Size=50 Position=#0



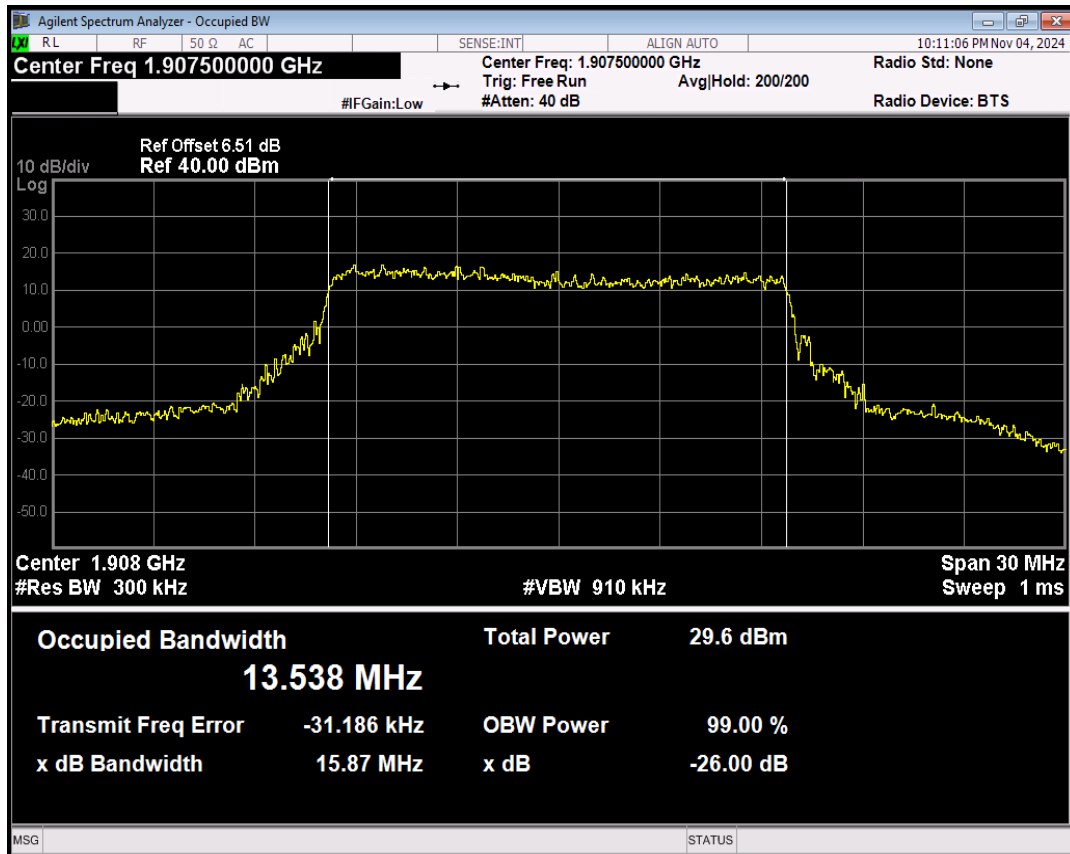
Band25 QPSK BW=15MHz Channel=26115 RB Size=75 Position=#0



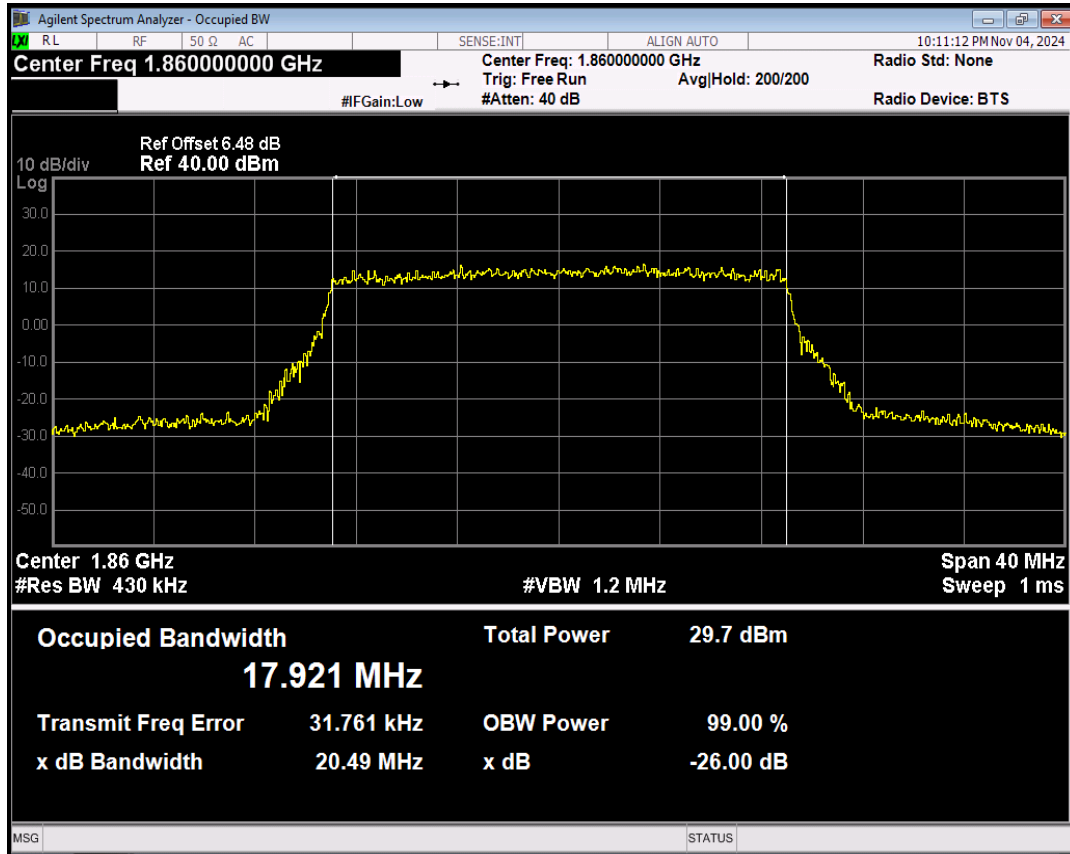
Band25 QPSK BW=15MHz Channel=26365 RB Size=75 Position=#0



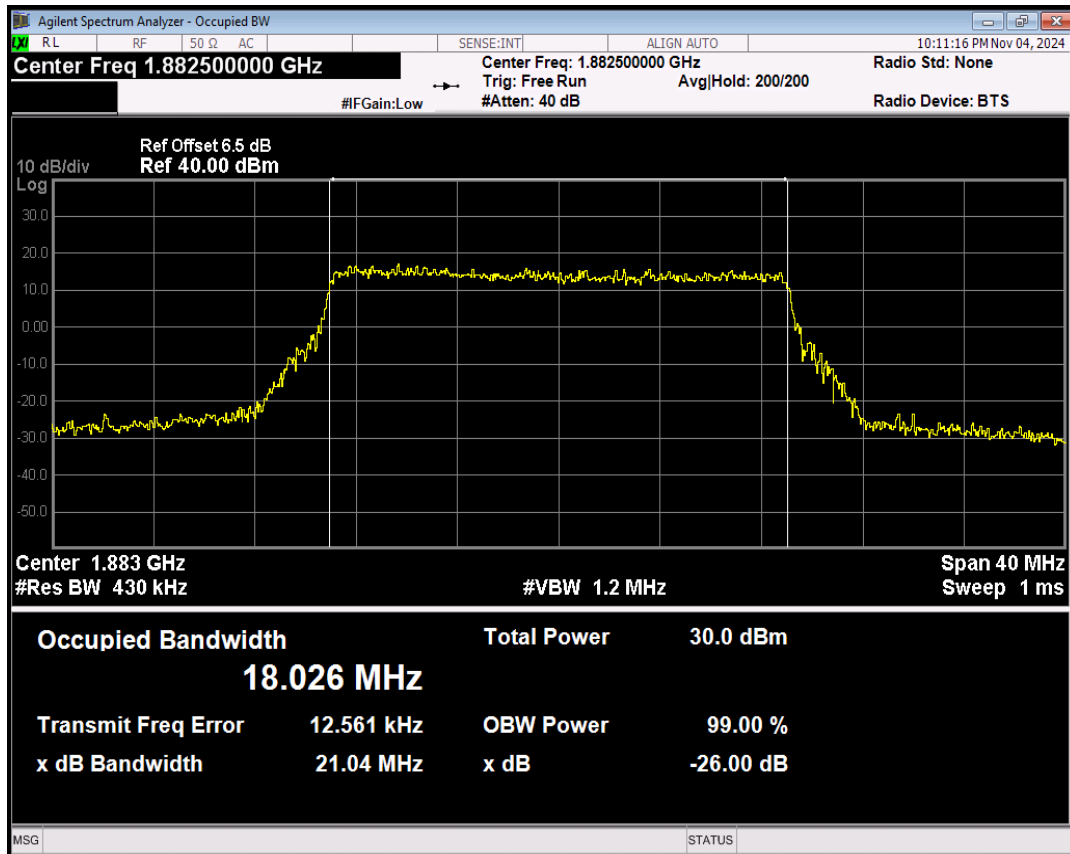
Band25 QPSK BW=15MHz Channel=26615 RB Size=75 Position=#0



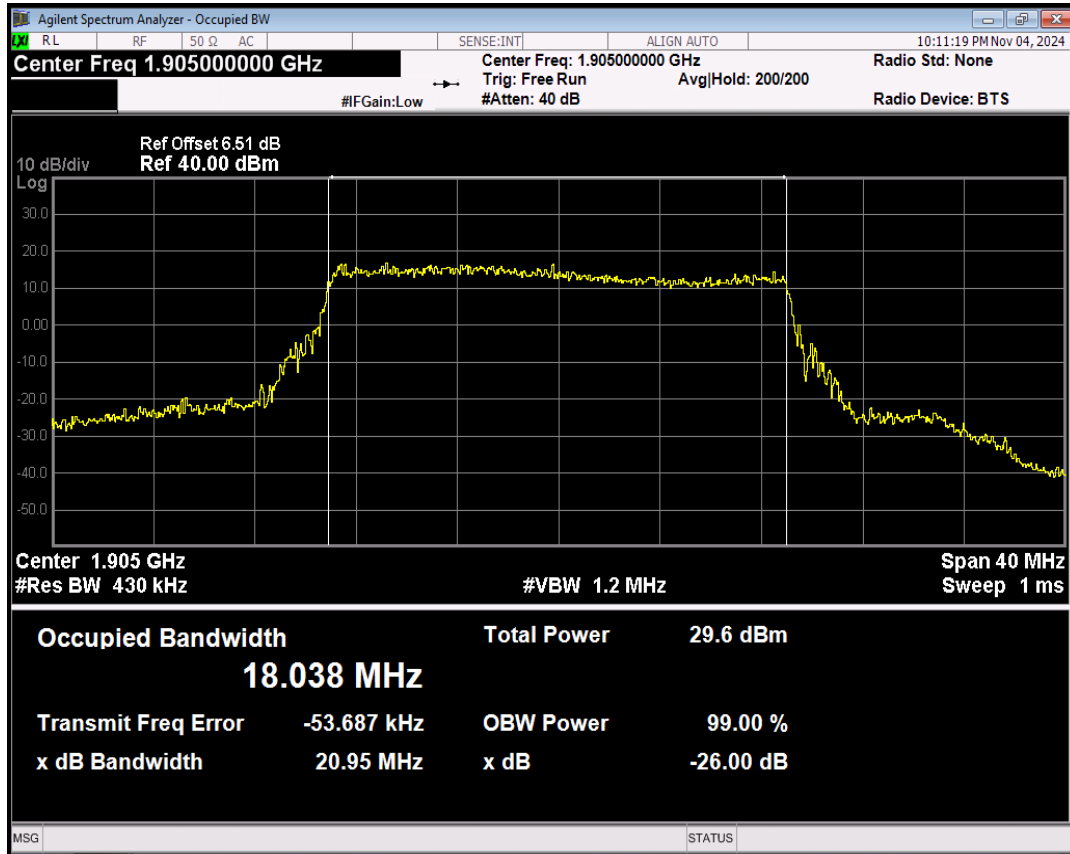
Band25 QPSK BW=20MHz Channel=26140 RB Size=100 Position=#0



Band25 QPSK BW=20MHz Channel=26365 RB Size=100 Position=#0



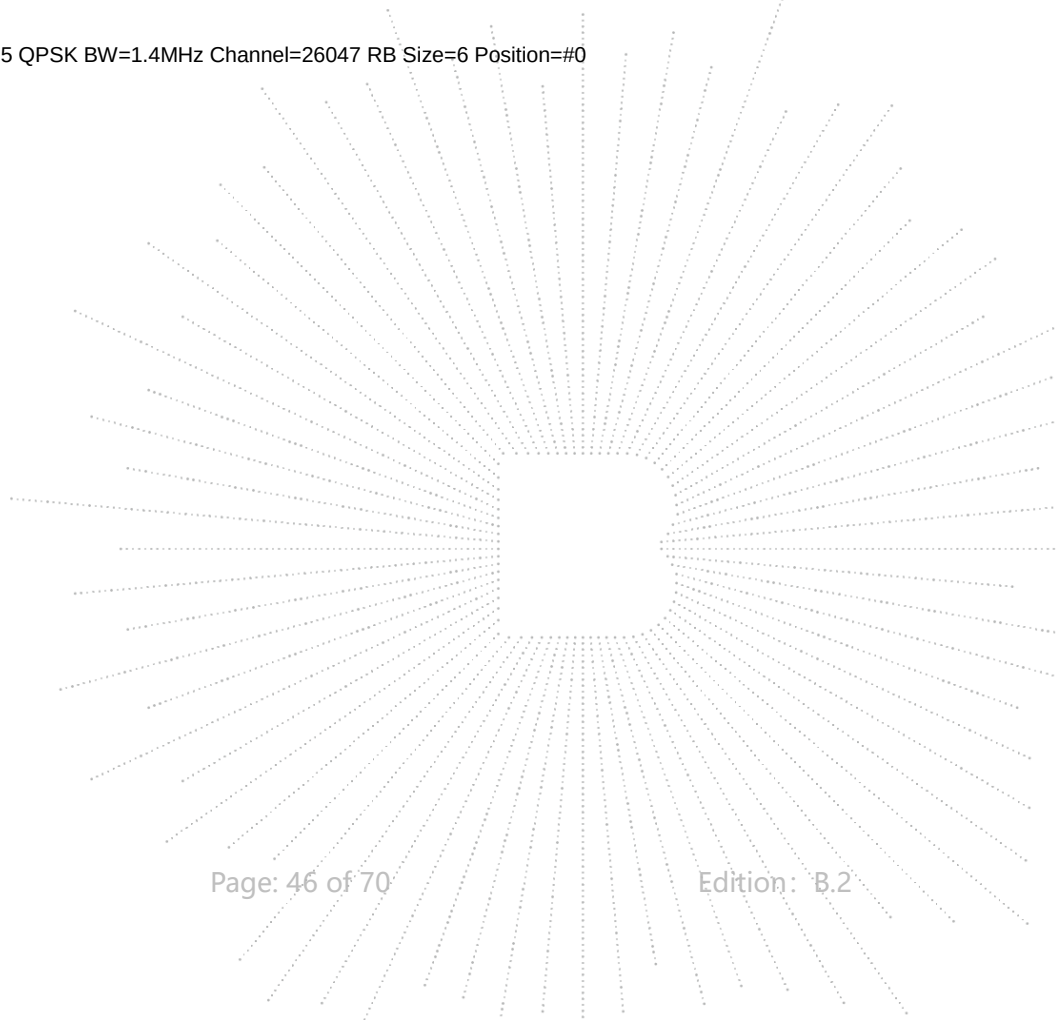
Band25 QPSK BW=20MHz Channel=26590 RB Size=100 Position=#0

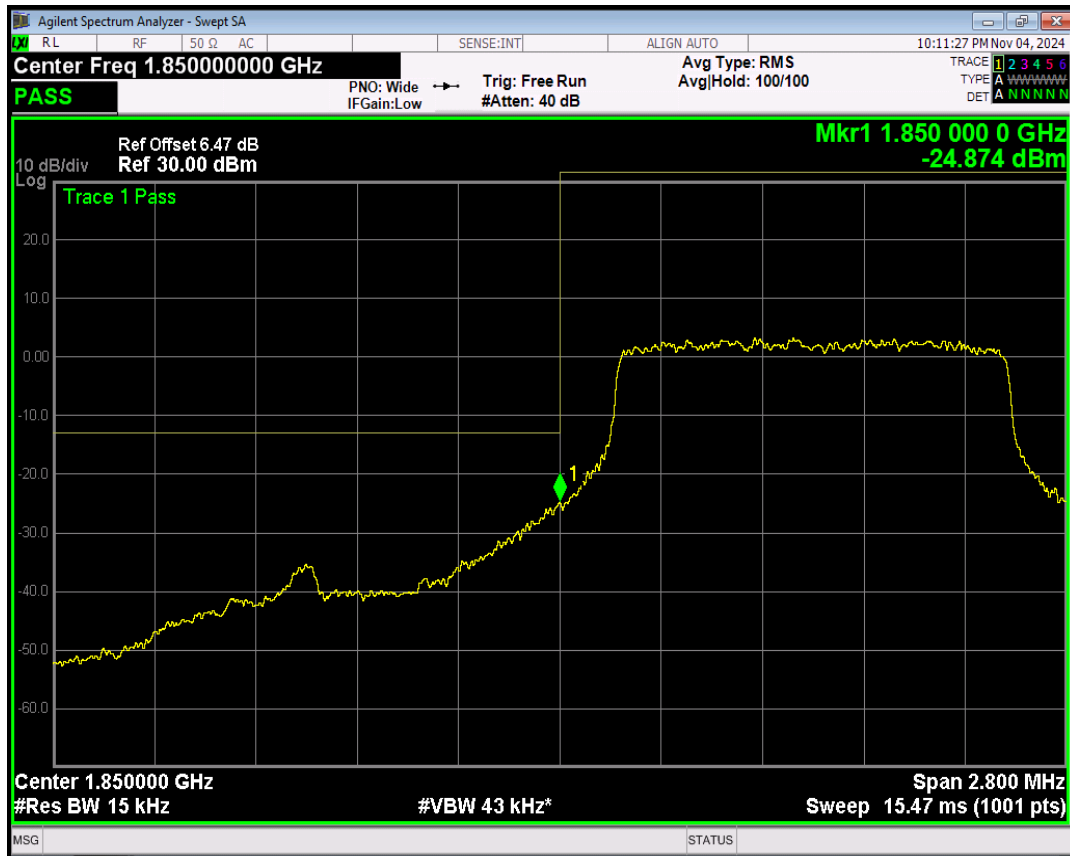


Appendix 5. Band edge

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band25	1.4	26047	6	#0	QPSK	1850.00	-24.87	-13	PASS
Band25	1.4	26047	6	#0	16QAM	1849.99	-25.86	-13	PASS
Band25	1.4	26683	6	#0	QPSK	1915.02	-24.10	-13	PASS
Band25	1.4	26683	6	#0	16QAM	1915.00	-25.25	-13	PASS
Band25	3	26055	15	#0	QPSK	1850.00	-24.79	-13	PASS
Band25	3	26055	15	#0	16QAM	1850.00	-25.49	-13	PASS
Band25	3	26675	15	#0	QPSK	1915.03	-25.24	-13	PASS
Band25	3	26675	15	#0	16QAM	1915.00	-24.41	-13	PASS
Band25	5	26065	25	#0	QPSK	1850.00	-27.14	-13	PASS
Band25	5	26065	25	#0	16QAM	1849.94	-30.36	-13	PASS
Band25	5	26665	25	#0	QPSK	1915.00	-28.85	-13	PASS
Band25	5	26665	25	#0	16QAM	1915.05	-29.45	-13	PASS
Band25	10	26090	50	#0	QPSK	1849.98	-37.00	-13	PASS
Band25	10	26640	50	#0	QPSK	1915.06	-32.13	-13	PASS
Band25	15	26115	75	#0	QPSK	1849.82	-29.10	-13	PASS
Band25	15	26615	75	#0	QPSK	1915.27	-28.08	-13	PASS
Band25	20	26140	100	#0	QPSK	1850.00	-28.04	-13	PASS
Band25	20	26590	100	#0	QPSK	1915.20	-30.57	-13	PASS

Band25 QPSK BW=1.4MHz Channel=26047 RB Size=6 Position=#0





Band25 16QAM BW=1.4MHz Channel=26047 RB Size=6 Position=#0



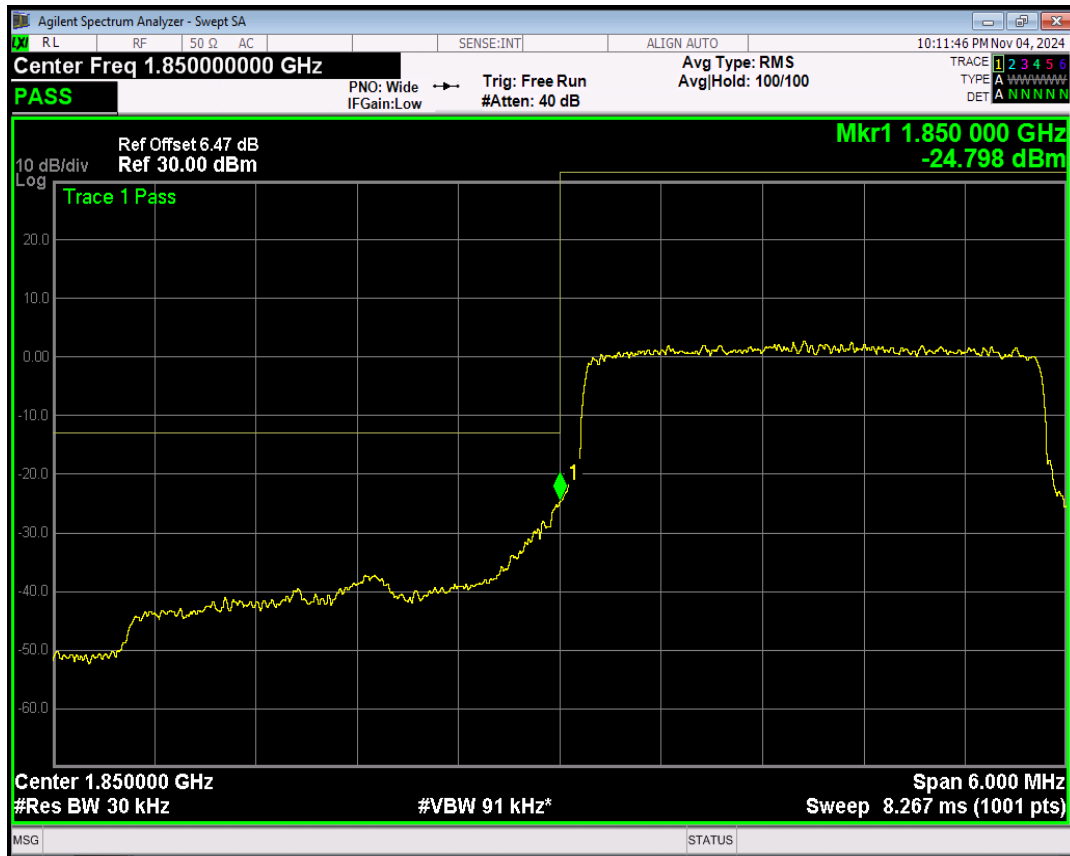
Band25 QPSK BW=1.4MHz Channel=26683 RB Size=6 Position=#0



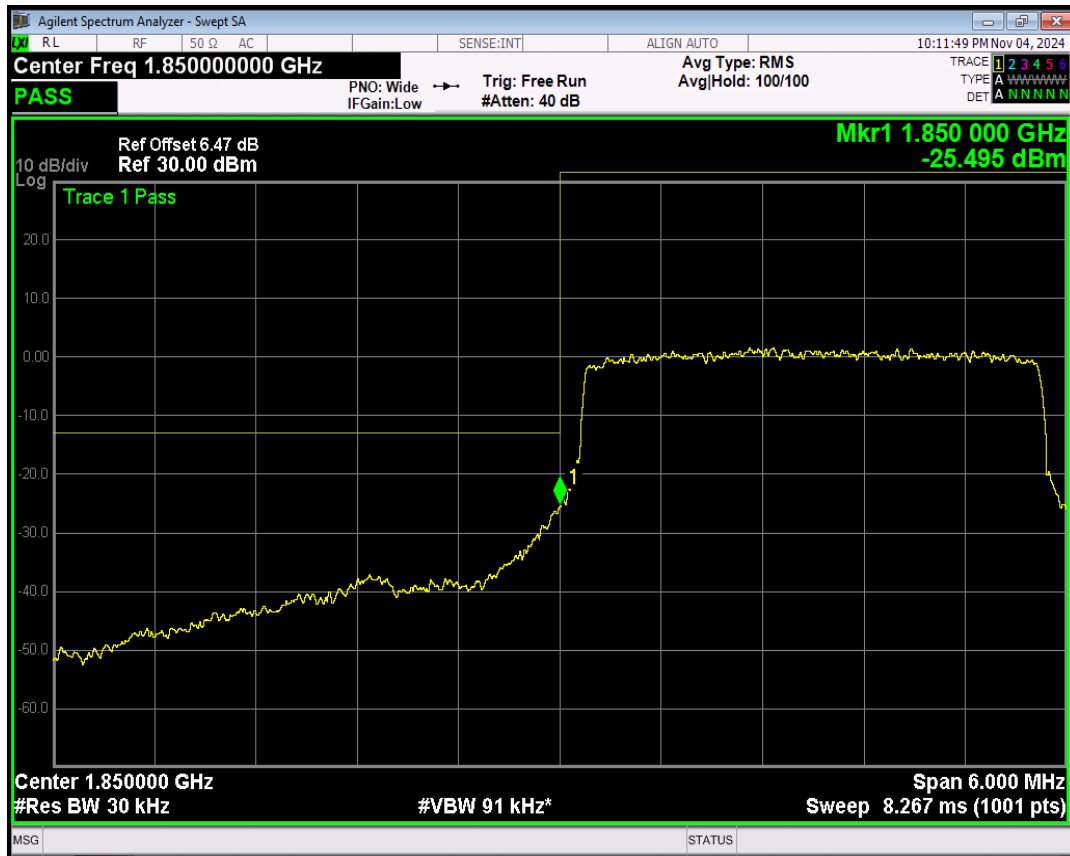
Band25 16QAM BW=1.4MHz Channel=26683 RB Size=6 Position=#0



Band25 QPSK BW=3MHz Channel=26055 RB Size=15 Position=#0



Band25 16QAM BW=3MHz Channel=26055 RB Size=15 Position=#0



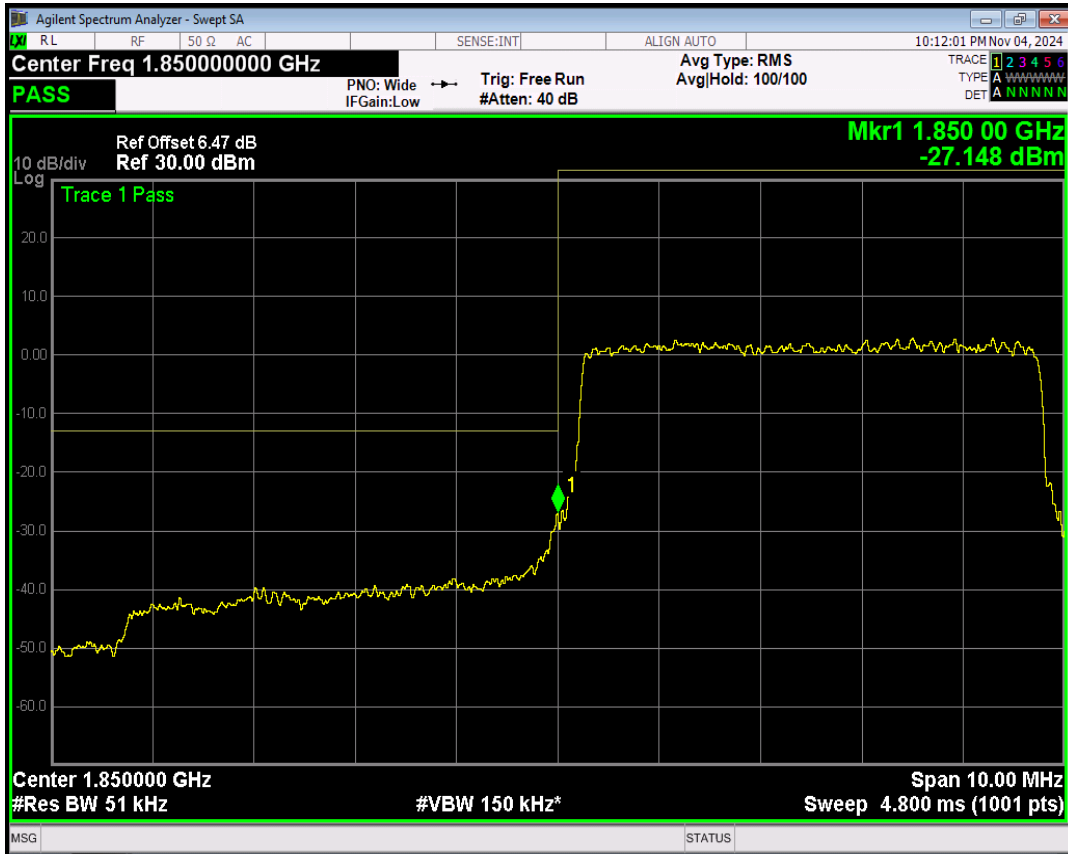
Band25 QPSK BW=3MHz Channel=26675 RB Size=15 Position=#0



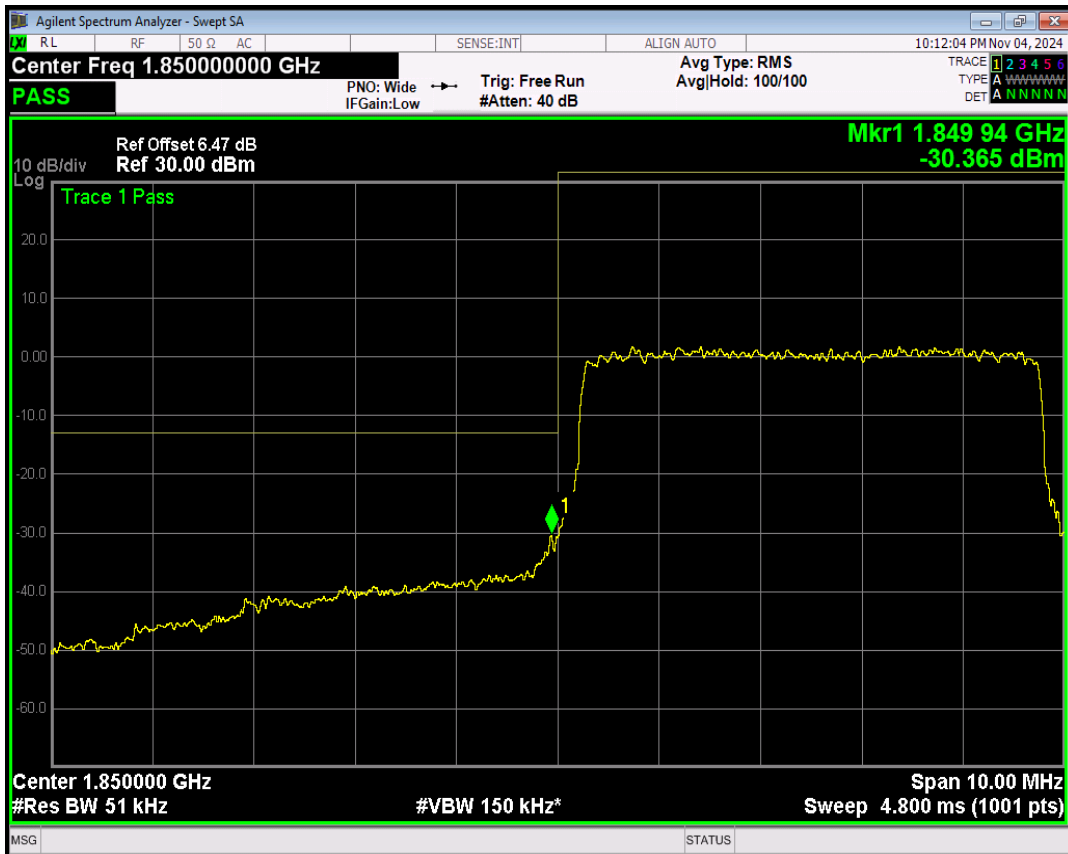
Band25 16QAM BW=3MHz Channel=26675 RB Size=15 Position=#0



Band25 QPSK BW=5MHz Channel=26065 RB Size=25 Position=#0



Band25 16QAM BW=5MHz Channel=26065 RB Size=25 Position=#0



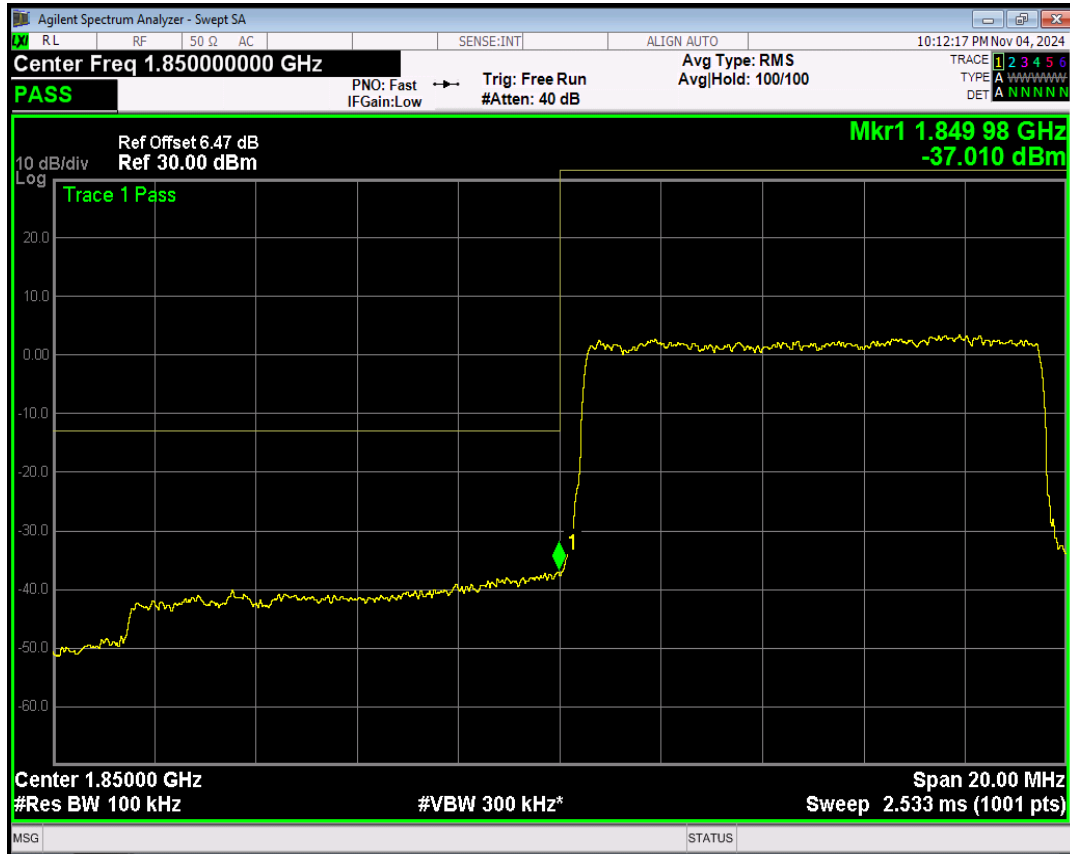
Band25 QPSK BW=5MHz Channel=26665 RB Size=25 Position=#0



Band25 16QAM BW=5MHz Channel=26665 RB Size=25 Position=#0



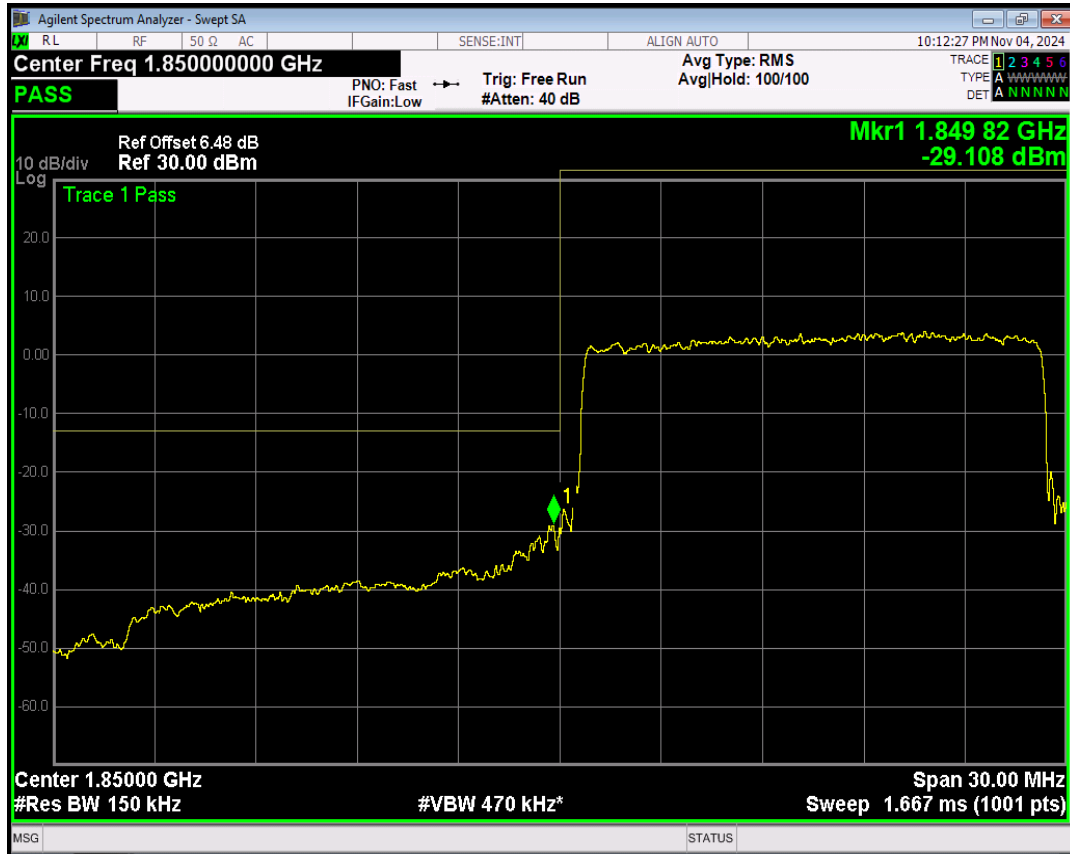
Band25 QPSK BW=10MHz Channel=26090 RB Size=50 Position=#0



Band25 QPSK BW=10MHz Channel=26640 RB Size=50 Position=#0



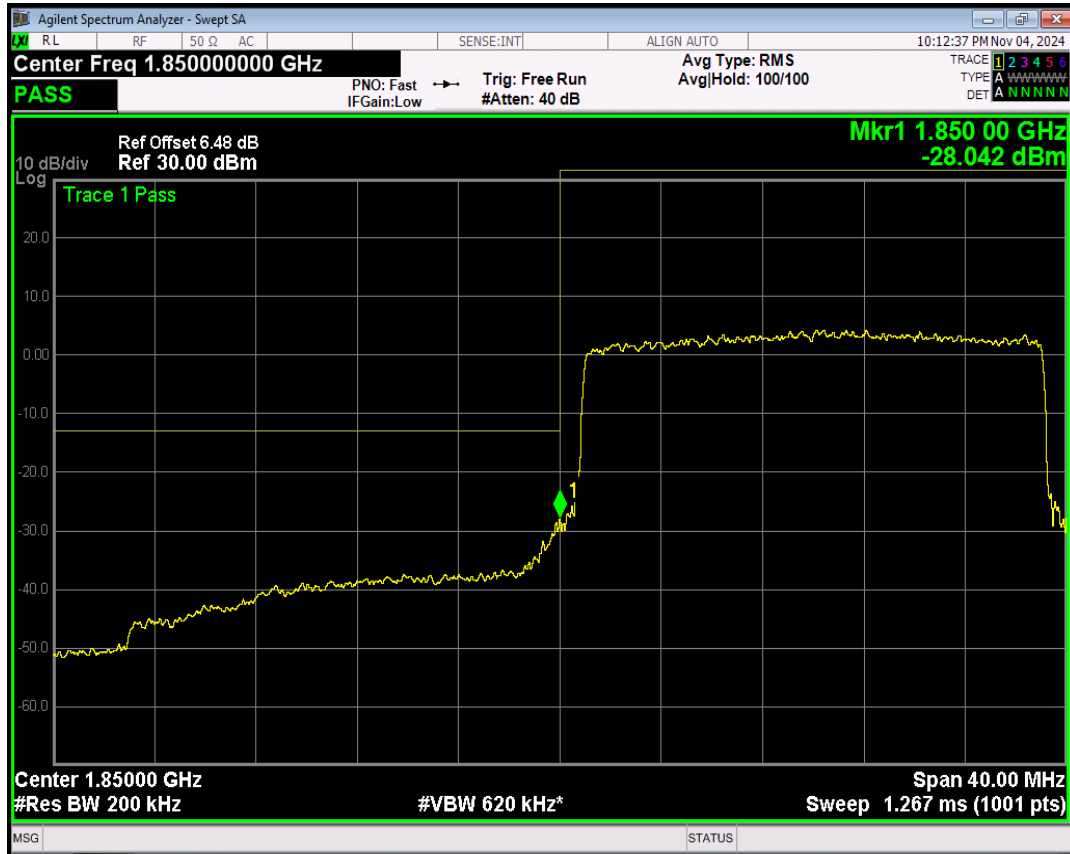
Band25 QPSK BW=15MHz Channel=26115 RB Size=75 Position=#0



Band25 QPSK BW=15MHz Channel=26615 RB Size=75 Position=#0



Band25 QPSK BW=20MHz Channel=26140 RB Size=100 Position=#0



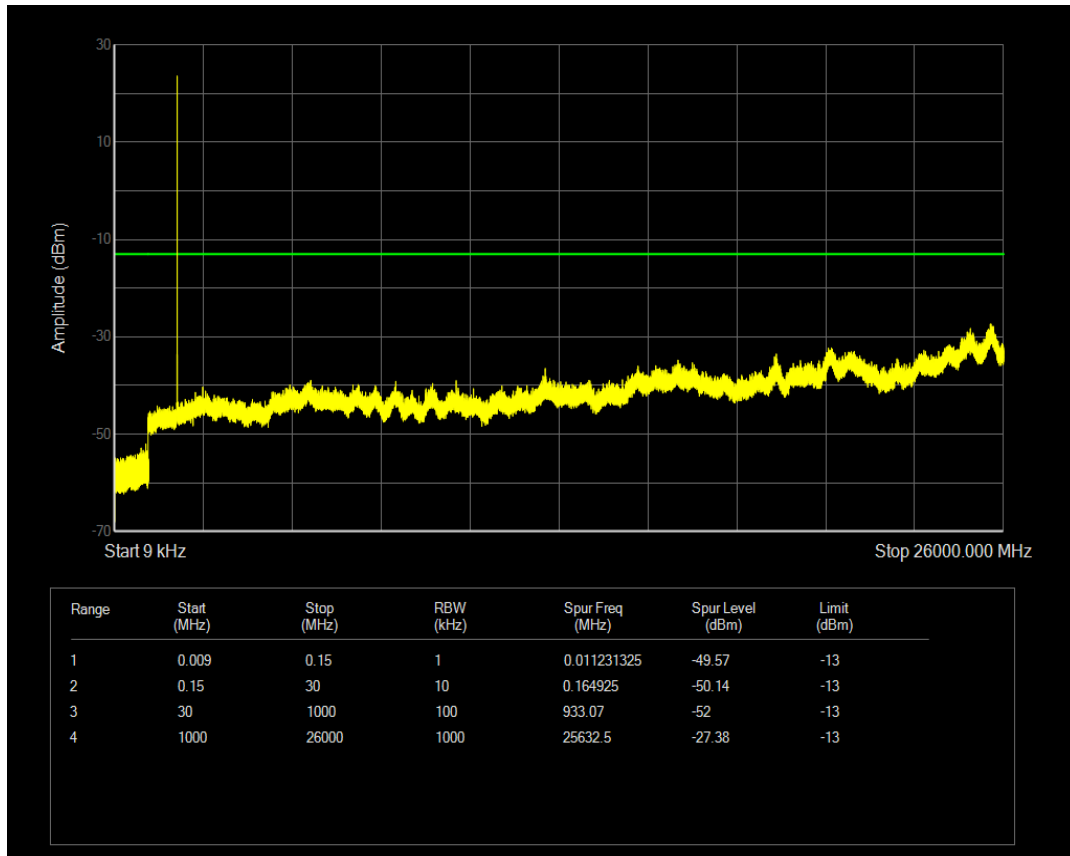
Band25 QPSK BW=20MHz Channel=26590 RB Size=100 Position=#0



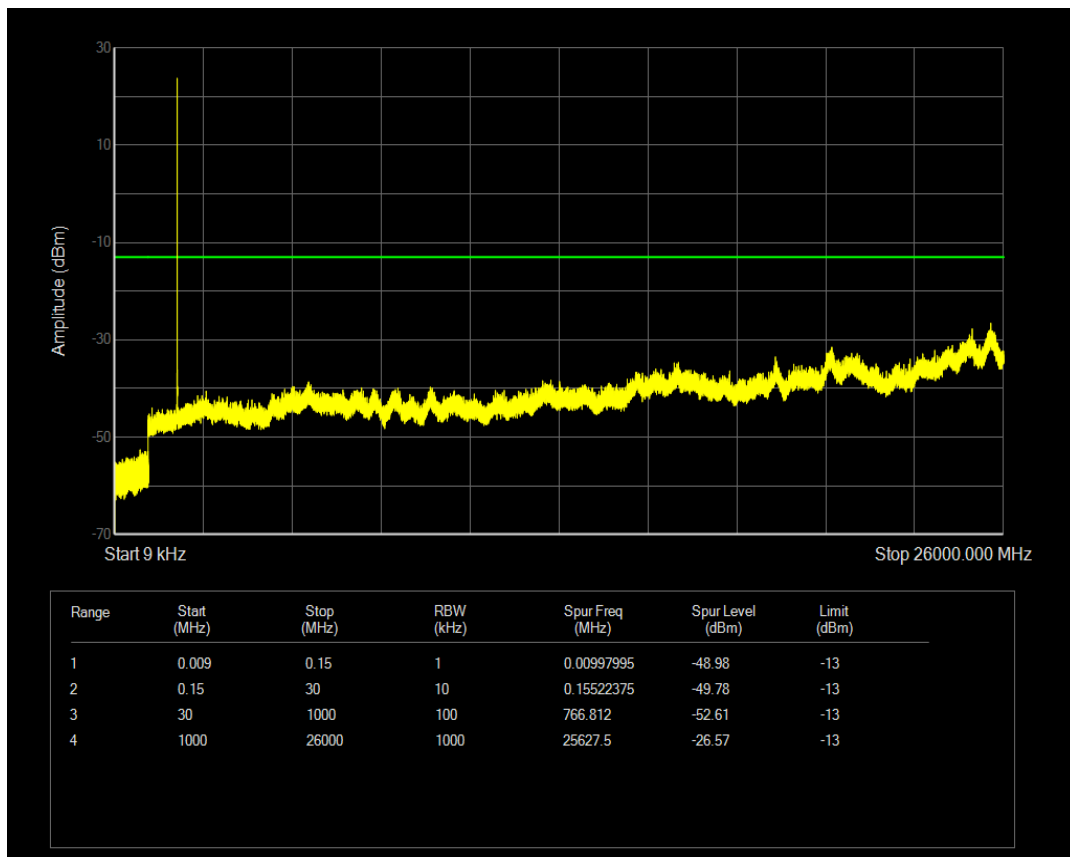
Appendix 6. Out-of-band emissions

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band25	1.4	26047	6	#0	QPSK	25632.50	-27.38	-13	PASS
Band25	1.4	26047	6	#0	16QAM	25627.50	-26.57	-13	PASS
Band25	1.4	26365	6	#0	QPSK	25679.38	-27.78	-13	PASS
Band25	1.4	26365	6	#0	16QAM	25600.63	-26.80	-13	PASS
Band25	1.4	26683	6	#0	QPSK	24971.88	-27.79	-13	PASS
Band25	1.4	26683	6	#0	16QAM	25617.50	-26.18	-13	PASS
Band25	3	26055	15	#0	QPSK	25599.38	-27.03	-13	PASS
Band25	3	26055	15	#0	16QAM	25621.25	-27.05	-13	PASS
Band25	3	26365	15	#0	QPSK	25663.75	-27.52	-13	PASS
Band25	3	26365	15	#0	16QAM	25625.00	-27.31	-13	PASS
Band25	3	26675	15	#0	QPSK	25700.63	-27.09	-13	PASS
Band25	3	26675	15	#0	16QAM	25572.50	-27.35	-13	PASS
Band25	5	26065	25	#0	QPSK	25620.00	-26.66	-13	PASS
Band25	5	26065	25	#0	16QAM	25650.00	-27.68	-13	PASS
Band25	5	26365	25	#0	QPSK	25626.88	-27.23	-13	PASS
Band25	5	26365	25	#0	16QAM	25602.50	-27.33	-13	PASS
Band25	5	26665	25	#0	QPSK	25628.75	-27.26	-13	PASS
Band25	5	26665	25	#0	16QAM	25625.63	-26.79	-13	PASS
Band25	10	26090	50	#0	QPSK	25676.25	-27.27	-13	PASS
Band25	10	26365	50	#0	QPSK	25619.38	-27.59	-13	PASS
Band25	10	26640	50	#0	QPSK	25613.75	-27.05	-13	PASS
Band25	15	26115	75	#0	QPSK	25599.38	-27.38	-13	PASS
Band25	15	26365	75	#0	QPSK	25593.75	-27.52	-13	PASS
Band25	15	26615	75	#0	QPSK	25610.00	-27.88	-13	PASS
Band25	20	26140	100	#0	QPSK	25618.75	-27.41	-13	PASS
Band25	20	26365	100	#0	QPSK	25637.50	-27.76	-13	PASS
Band25	20	26590	100	#0	QPSK	25645.63	-26.90	-13	PASS

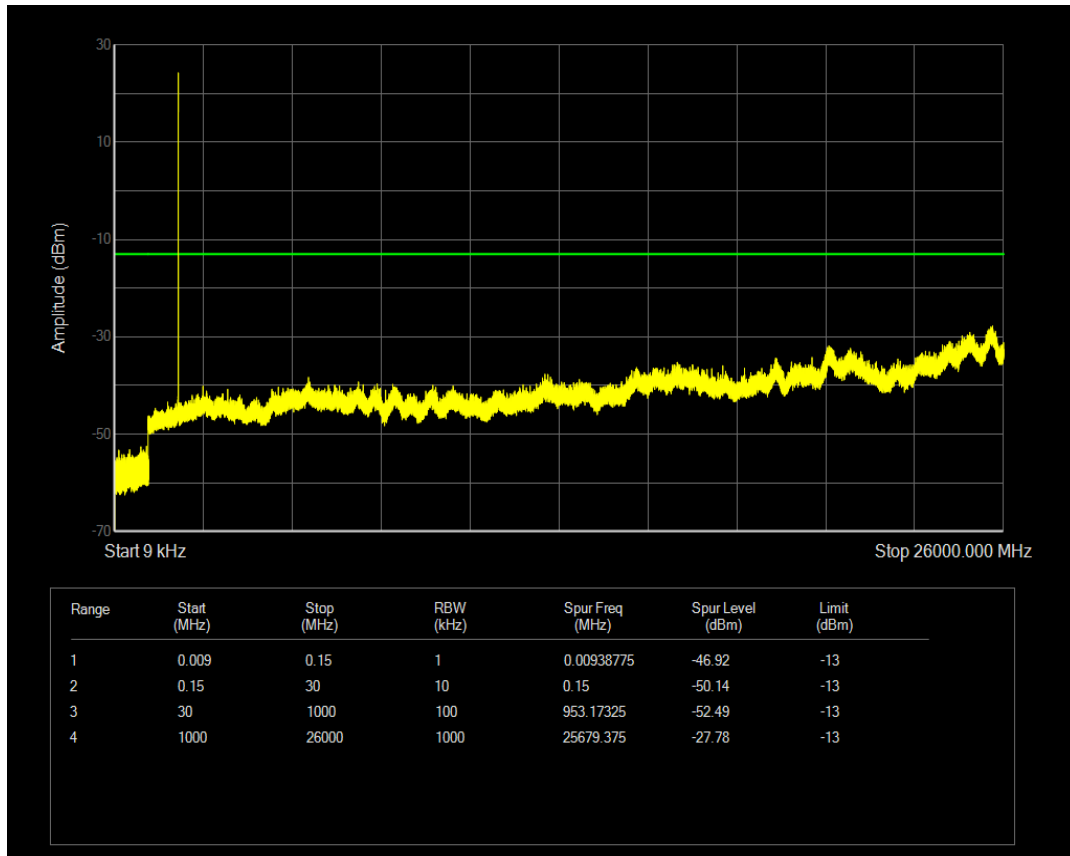
Band25 QPSK BW=1.4MHz Channel=26047 RB Size=6 Position=#0



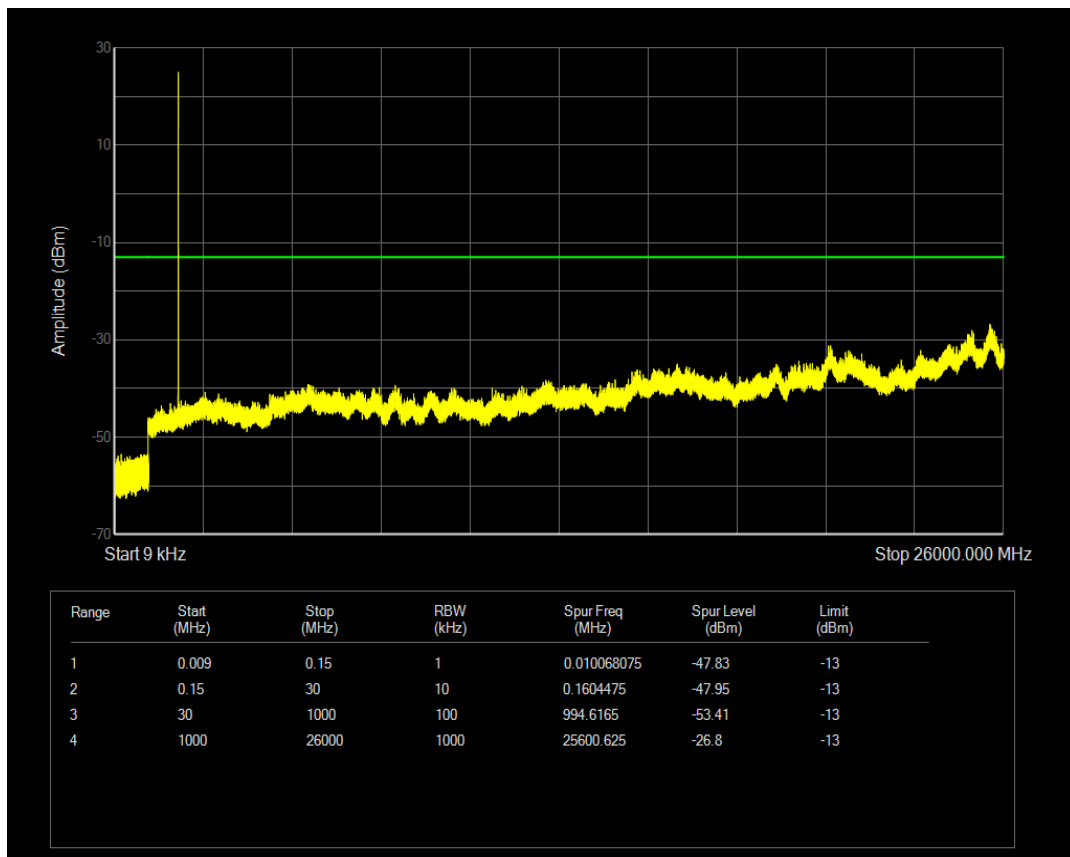
Band25 16QAM BW=1.4MHz Channel=26047 RB Size=6 Position=#0



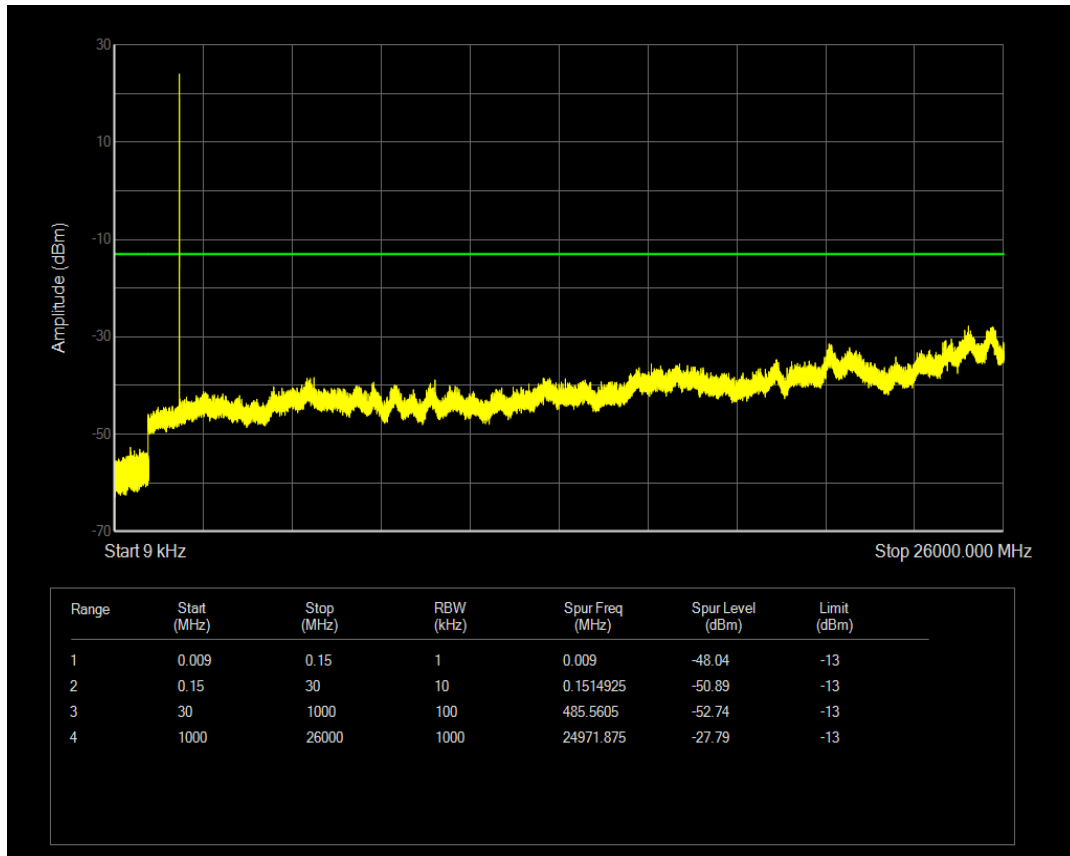
Band25 QPSK BW=1.4MHz Channel=26365 RB Size=6 Position=#0



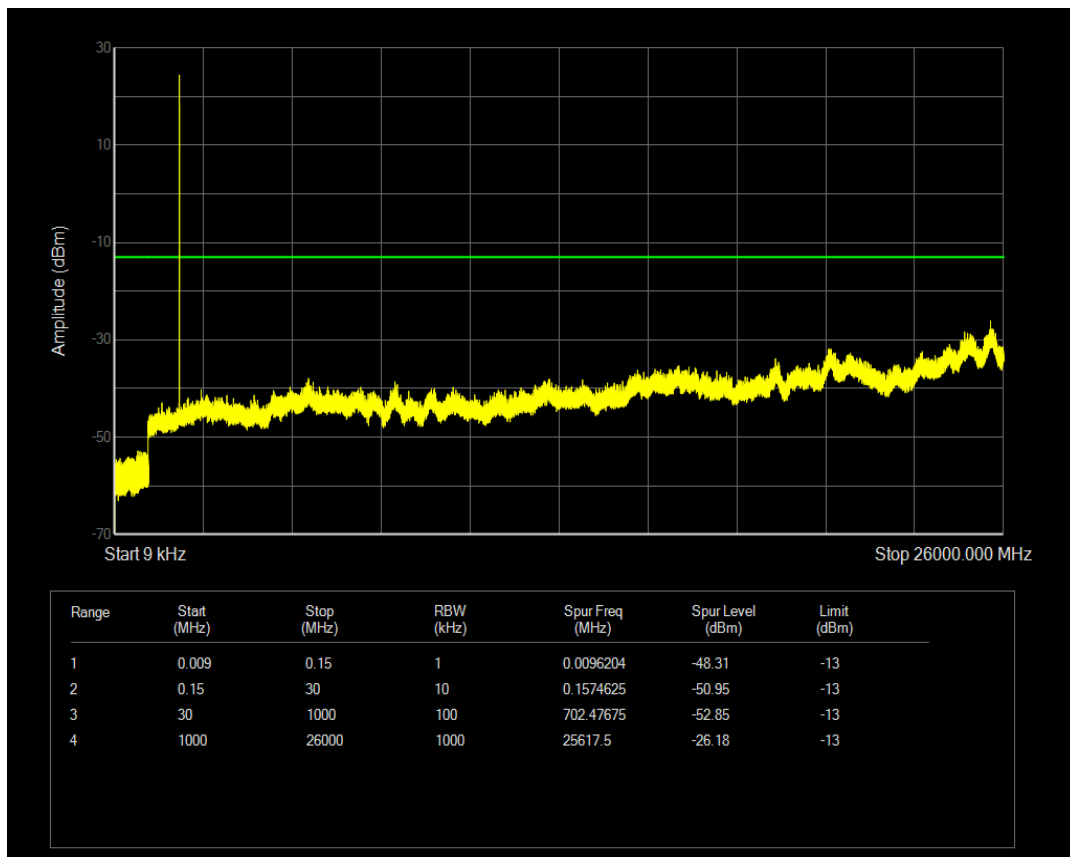
Band25 16QAM BW=1.4MHz Channel=26365 RB Size=6 Position=#0



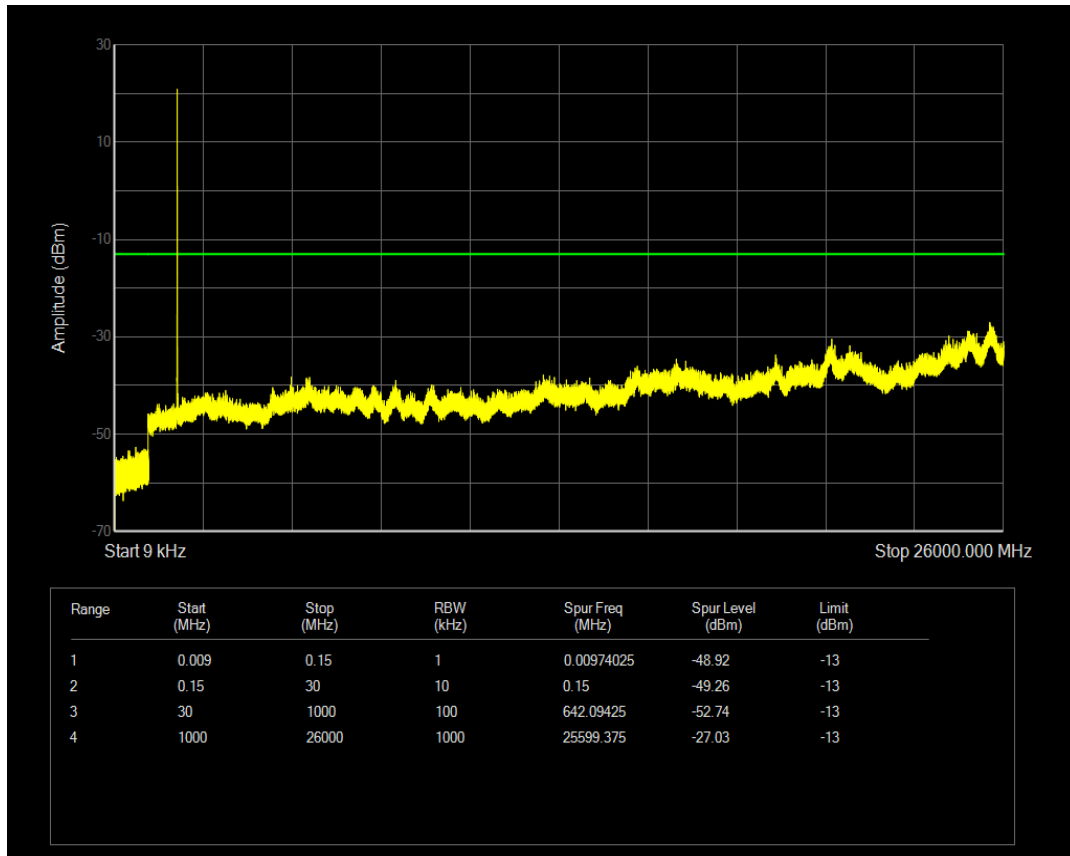
Band25 QPSK BW=1.4MHz Channel=26683 RB Size=6 Position=#0



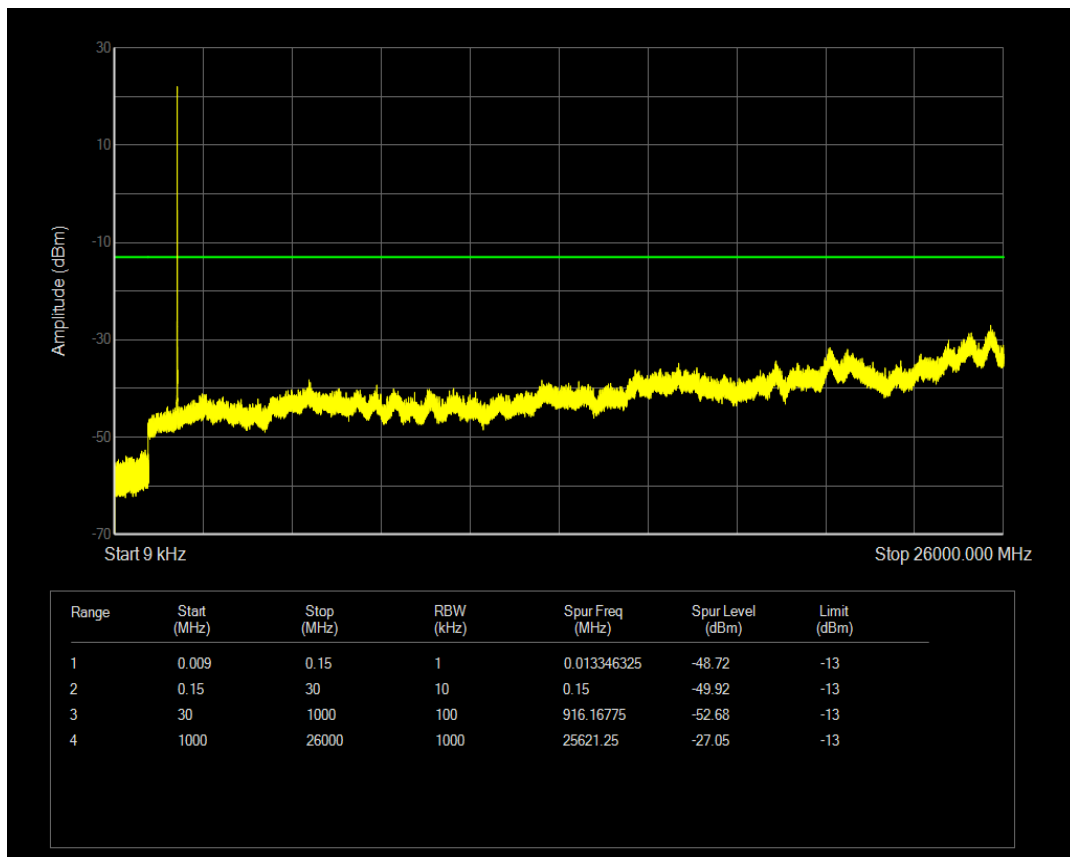
Band25 16QAM BW=1.4MHz Channel=26683 RB Size=6 Position=#0



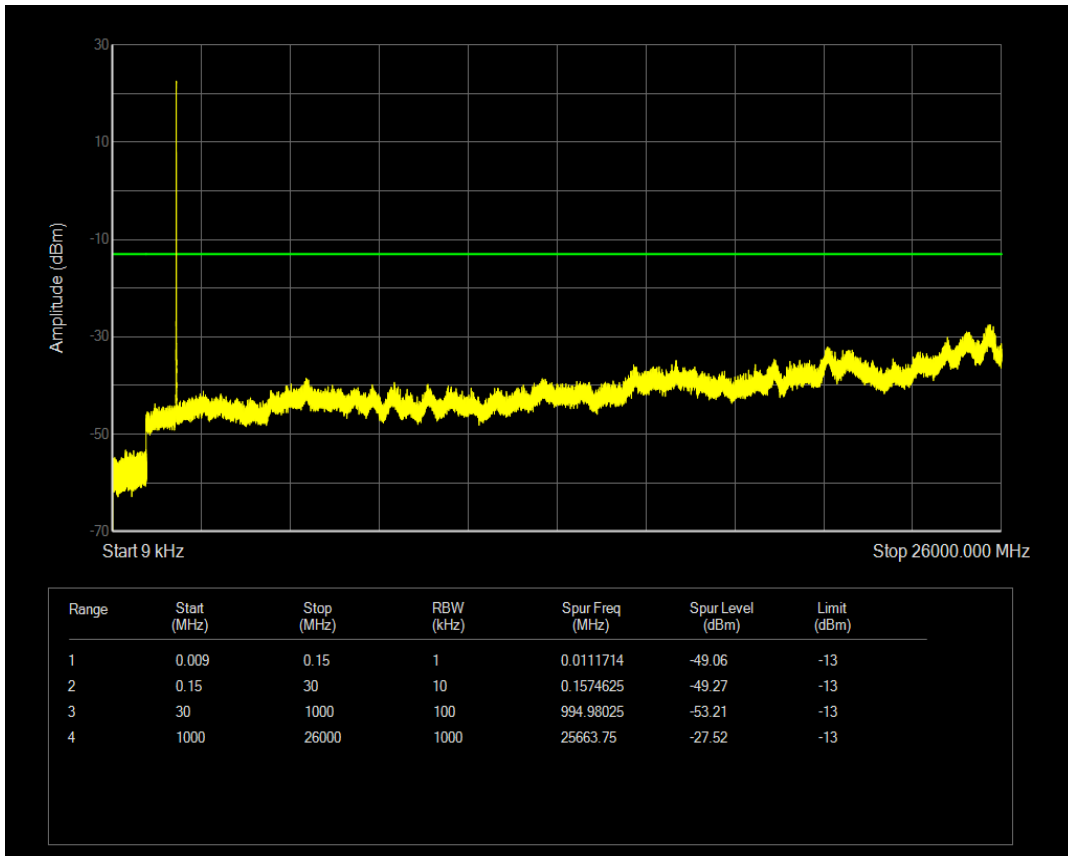
Band25 QPSK BW=3MHz Channel=26055 RB Size=15 Position=#0



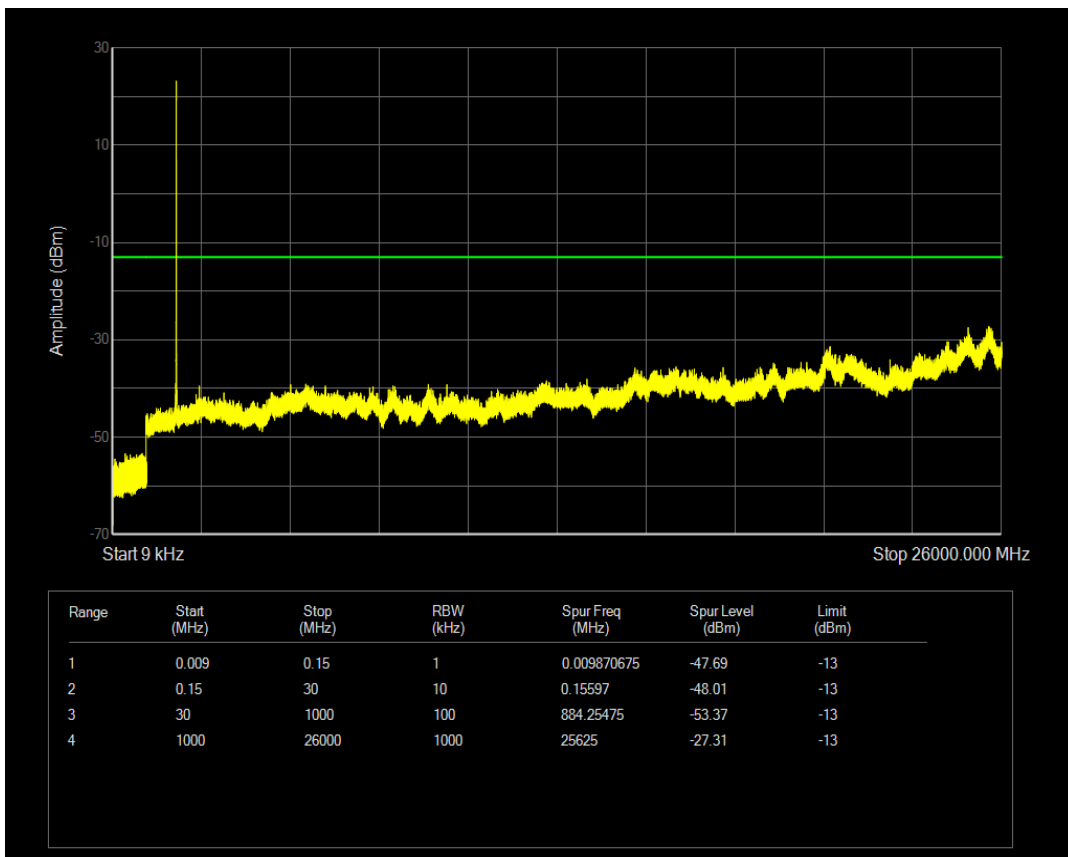
Band25 16QAM BW=3MHz Channel=26055 RB Size=15 Position=#0



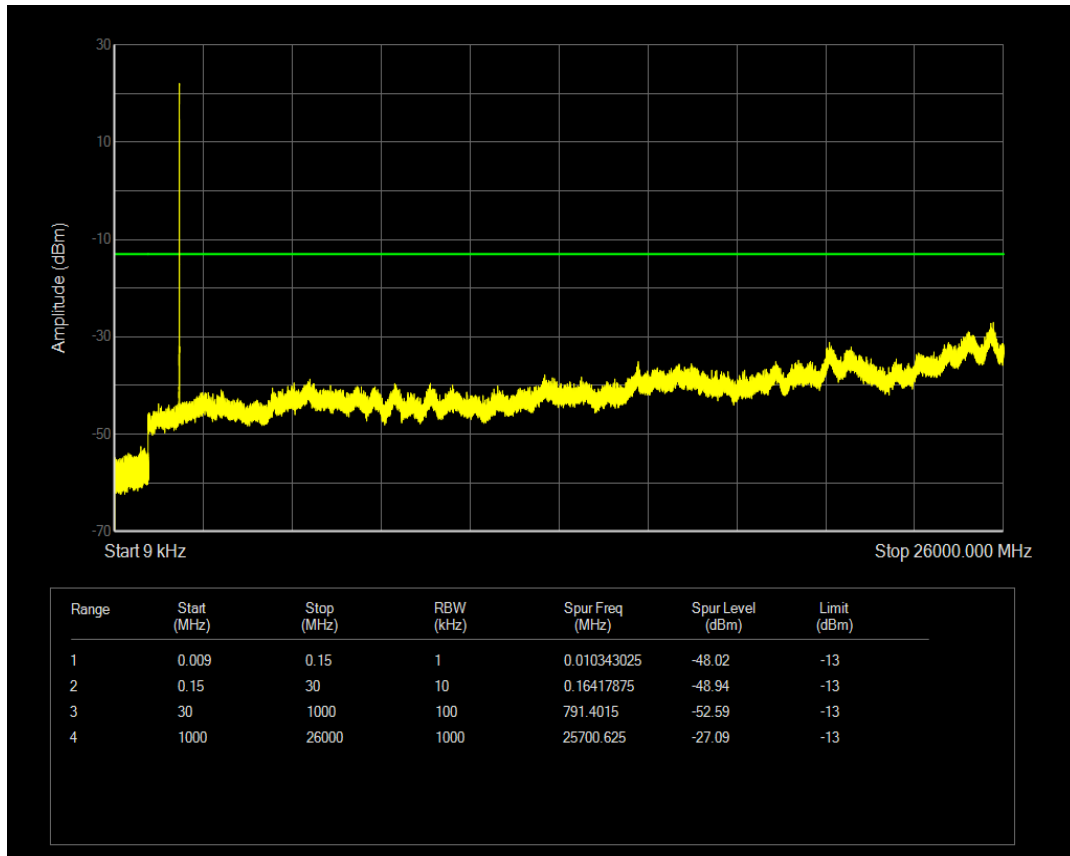
Band25 QPSK BW=3MHz Channel=26365 RB Size=15 Position=#0



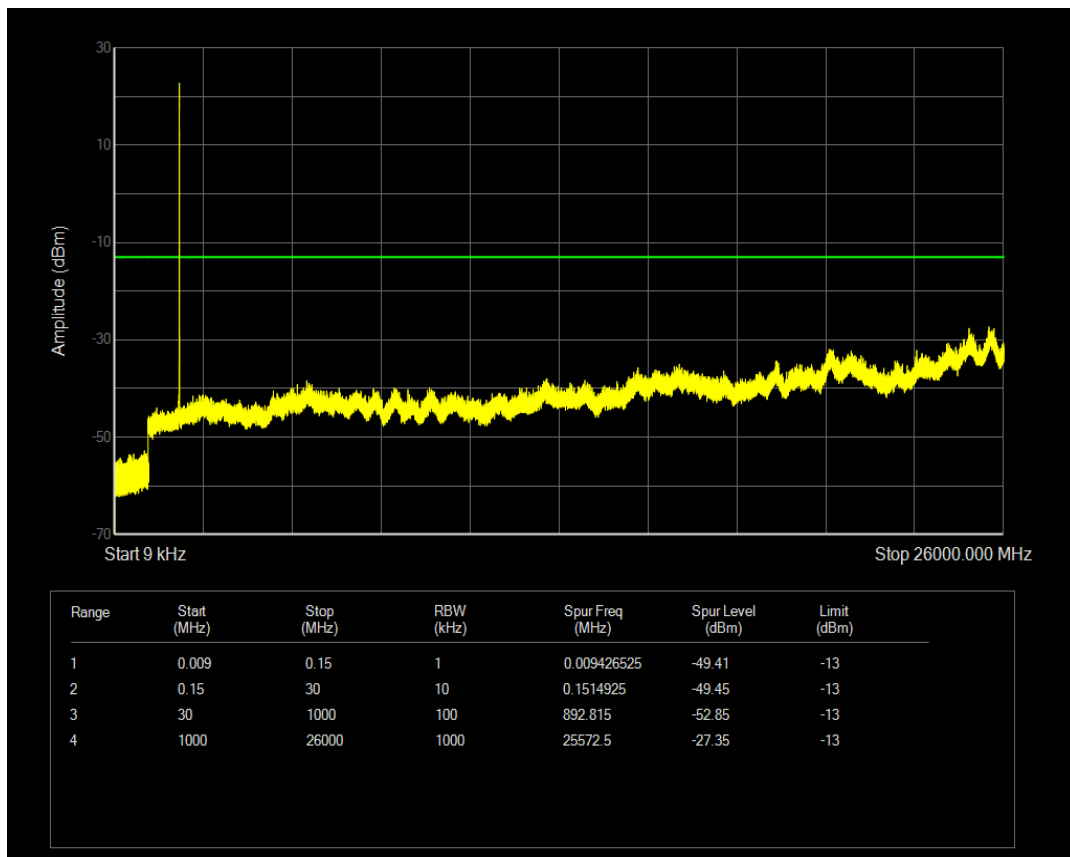
Band25 16QAM BW=3MHz Channel=26365 RB Size=15 Position=#0



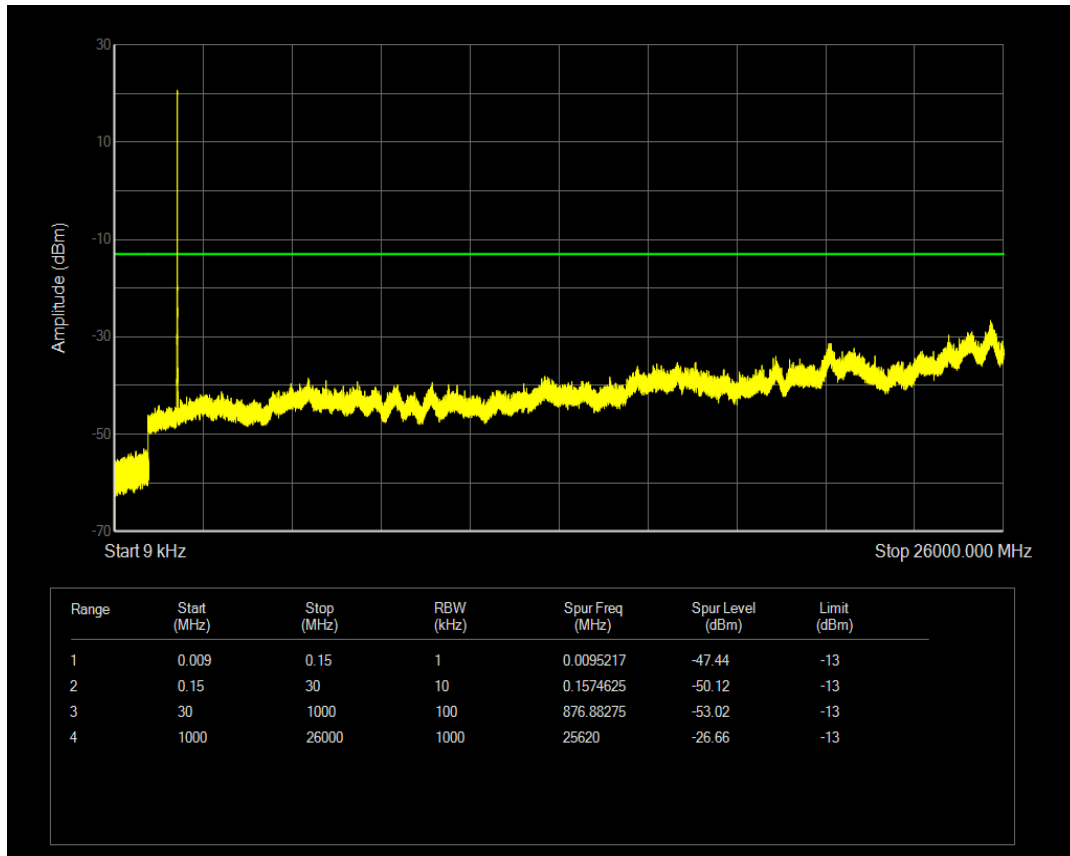
Band25 QPSK BW=3MHz Channel=26675 RB Size=15 Position=#0



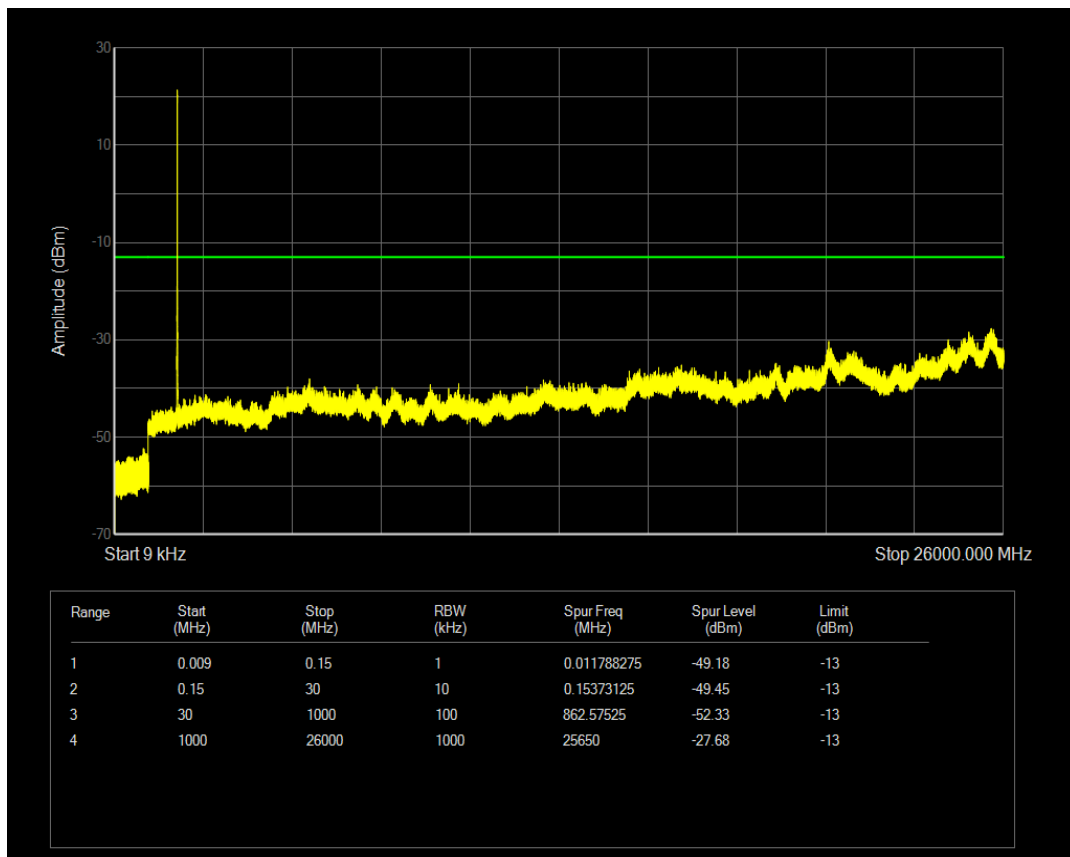
Band25 16QAM BW=3MHz Channel=26675 RB Size=15 Position=#0



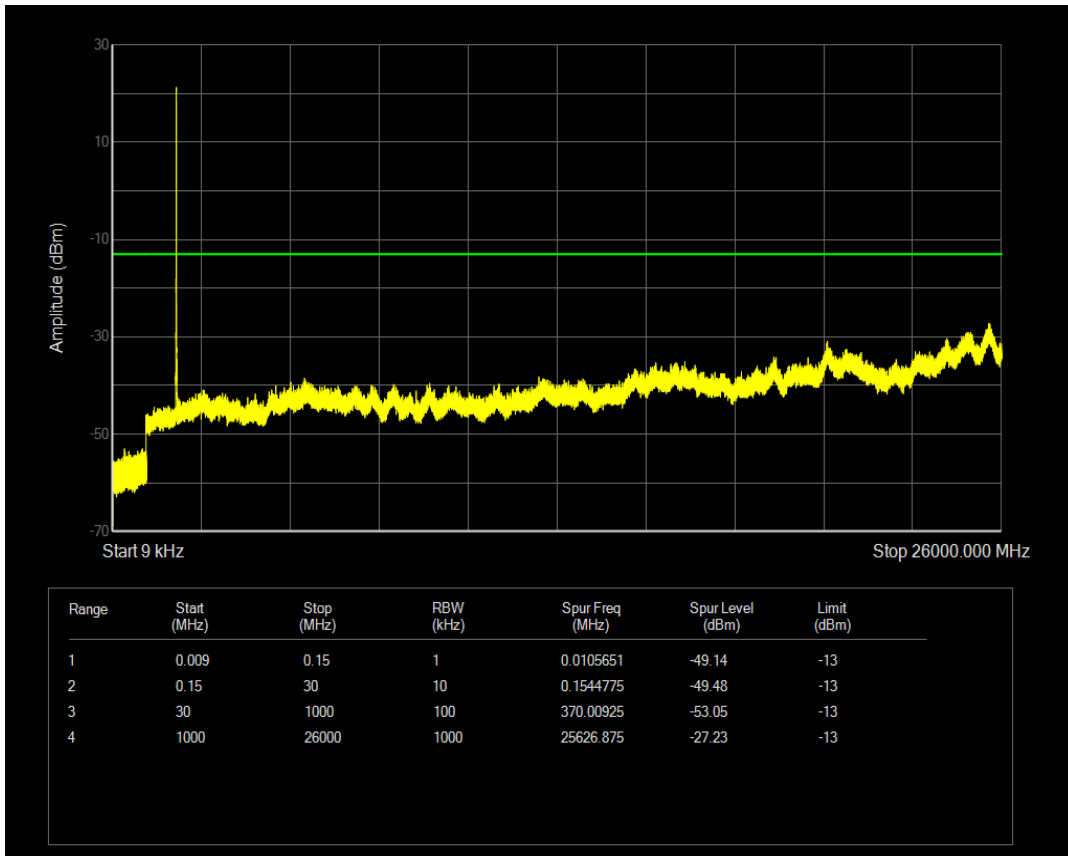
Band25 QPSK BW=5MHz Channel=26065 RB Size=25 Position=#0



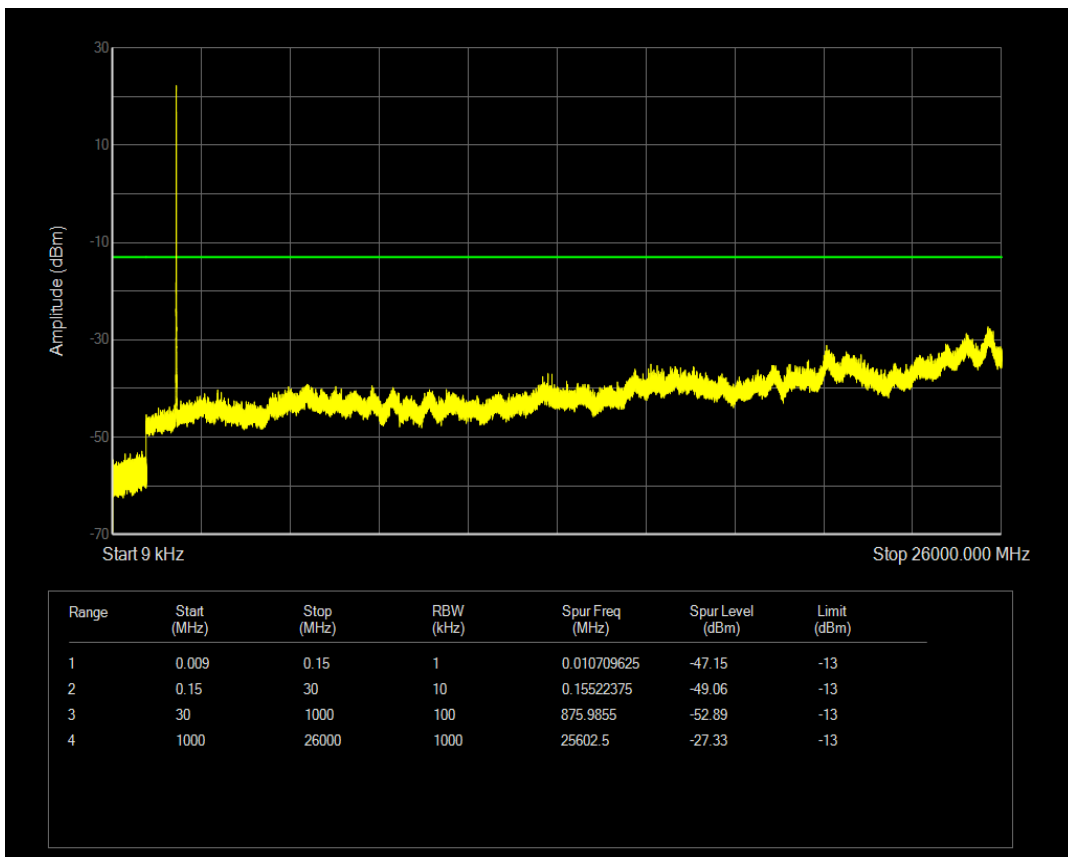
Band25 16QAM BW=5MHz Channel=26065 RB Size=25 Position=#0



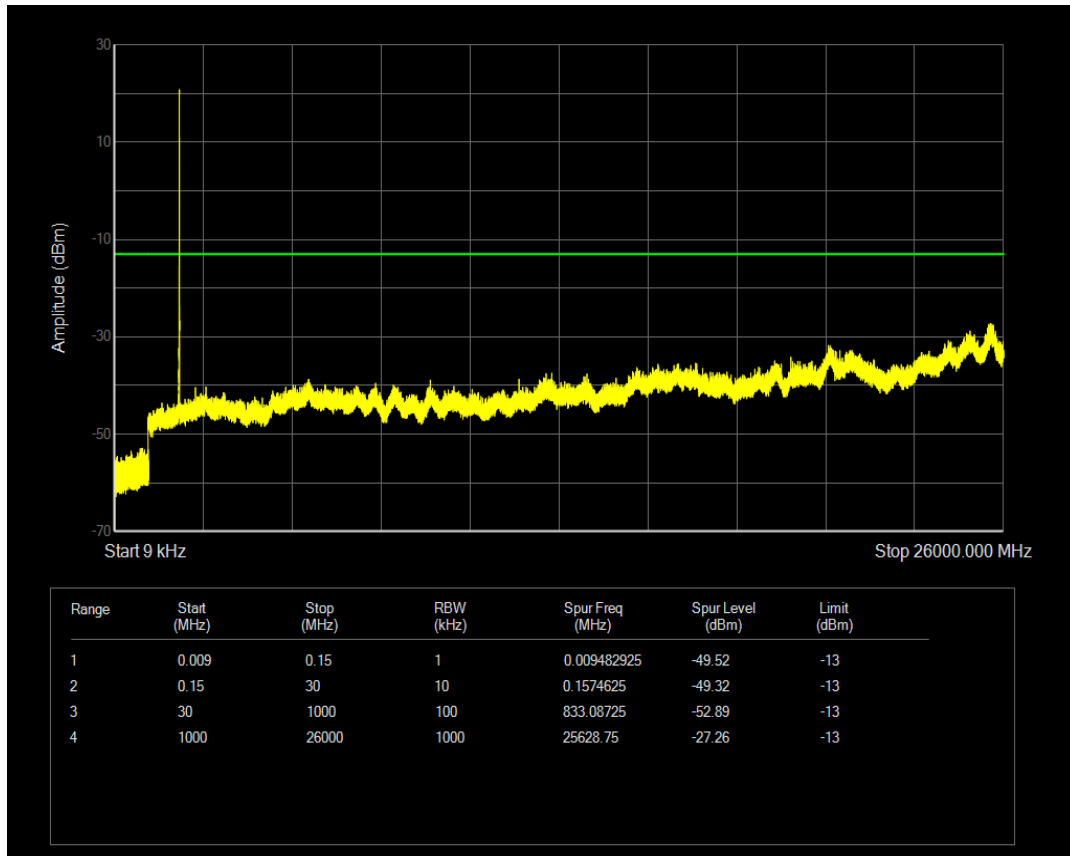
Band25 QPSK BW=5MHz Channel=26365 RB Size=25 Position=#0



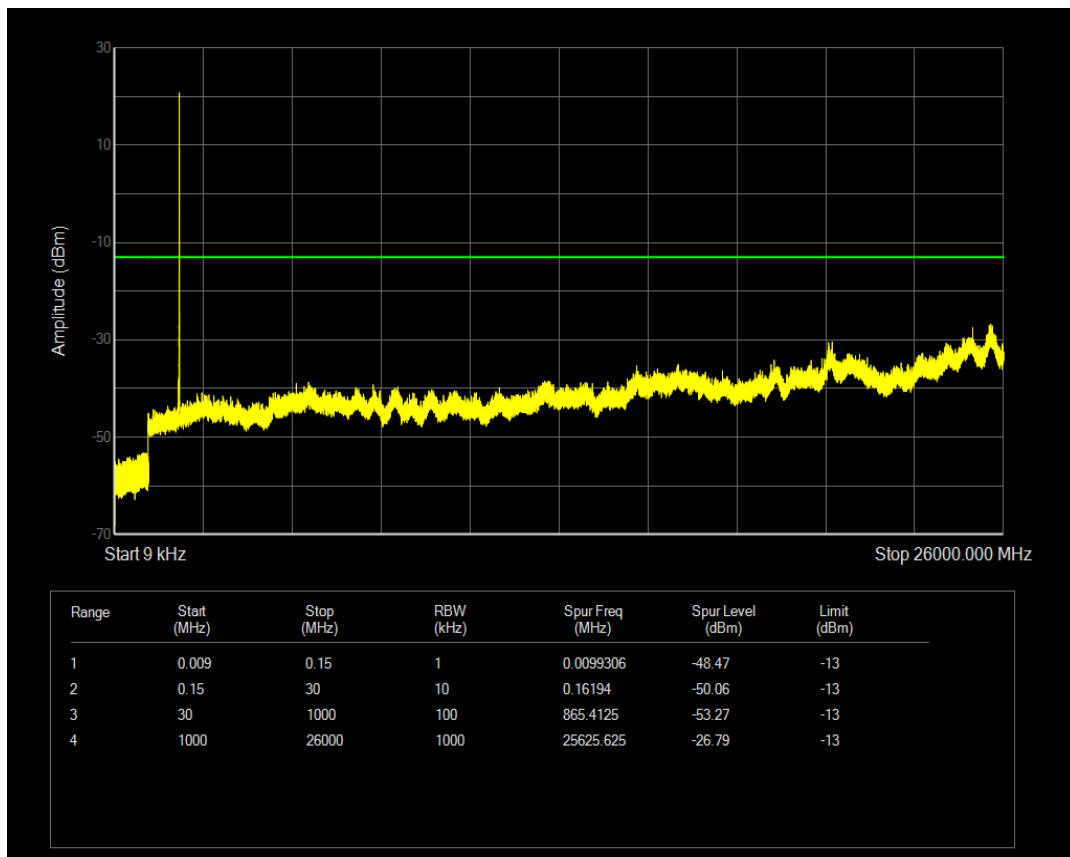
Band25 16QAM BW=5MHz Channel=26365 RB Size=25 Position=#0



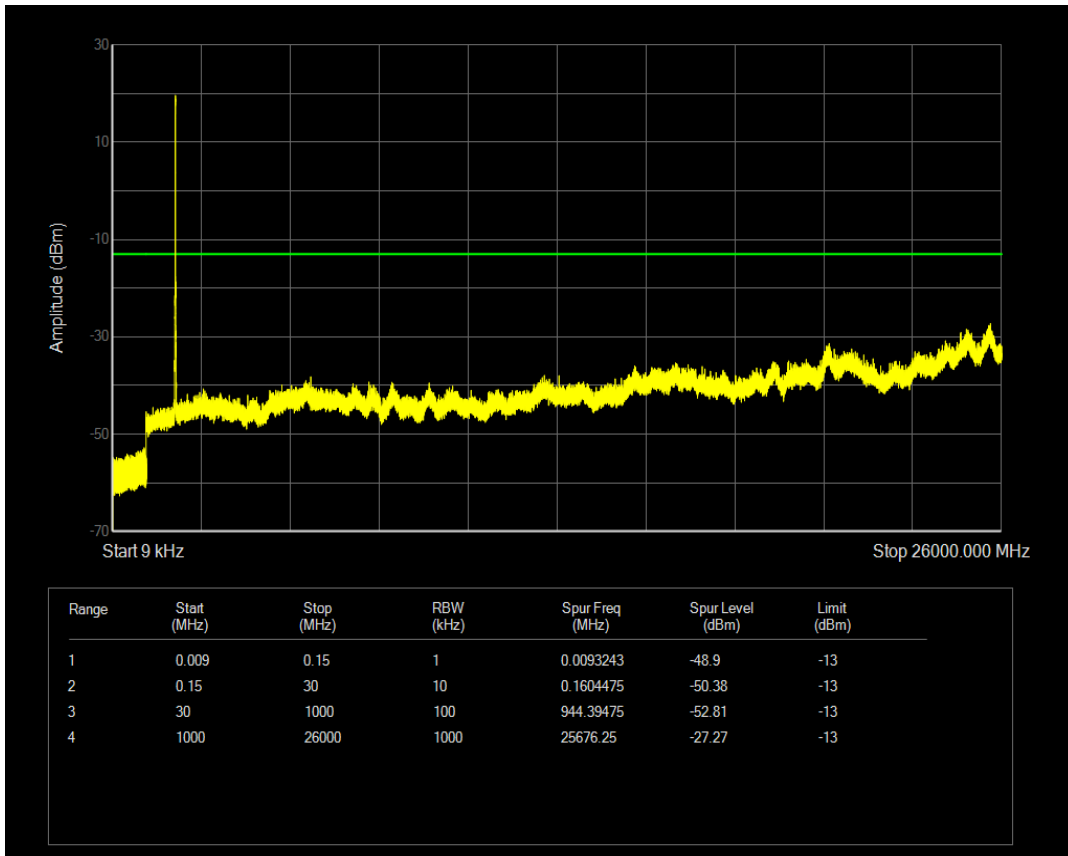
Band25 QPSK BW=5MHz Channel=26665 RB Size=25 Position=#0



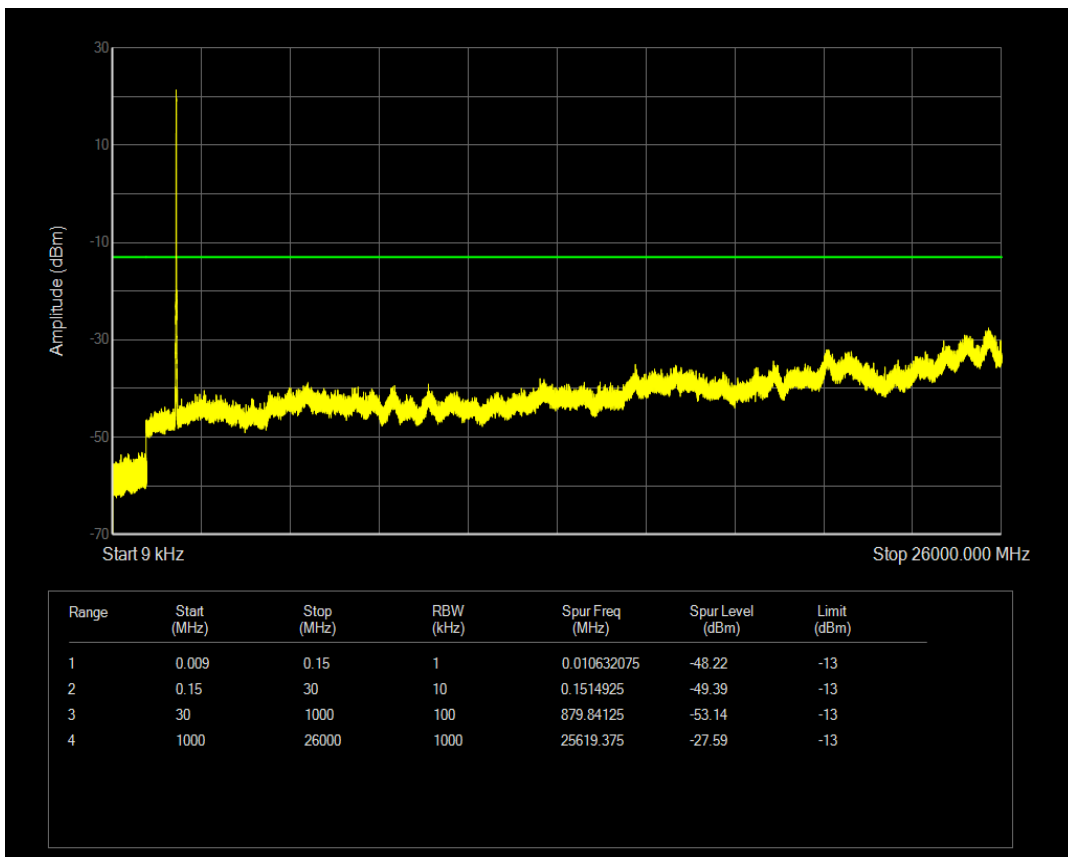
Band25 16QAM BW=5MHz Channel=26665 RB Size=25 Position=#0



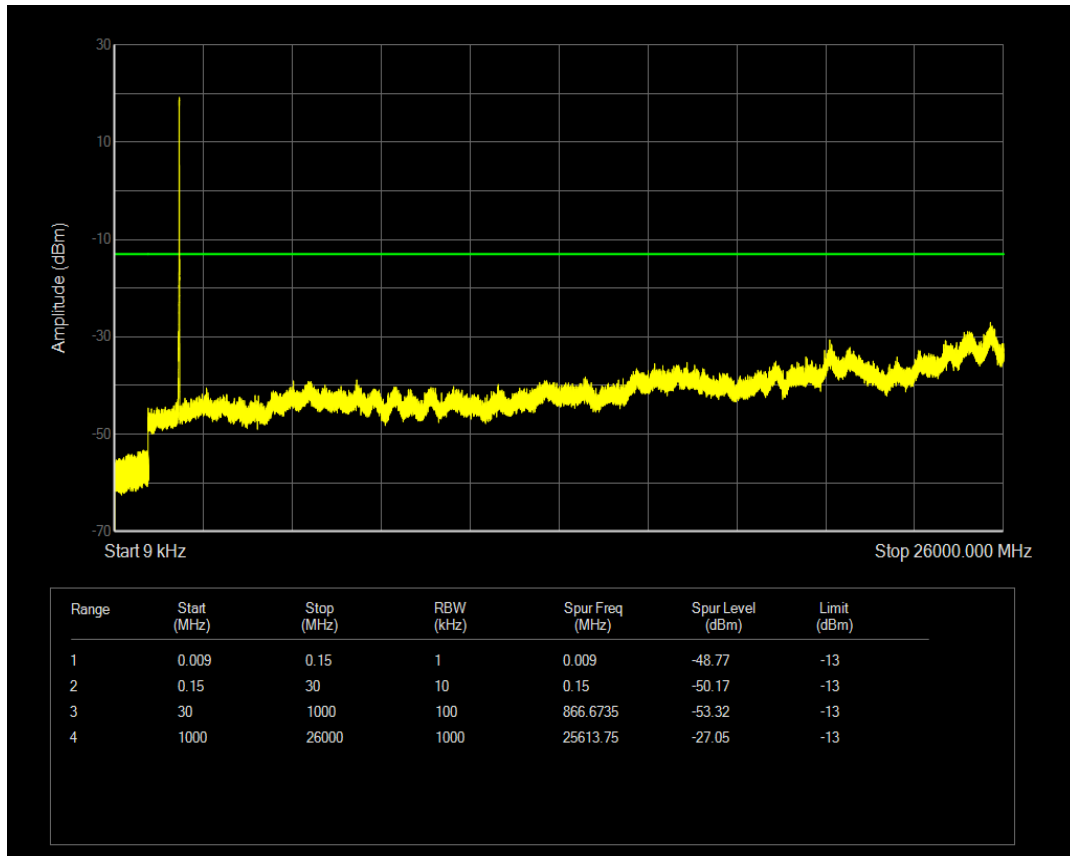
Band25 QPSK BW=10MHz Channel=26090 RB Size=50 Position=#0



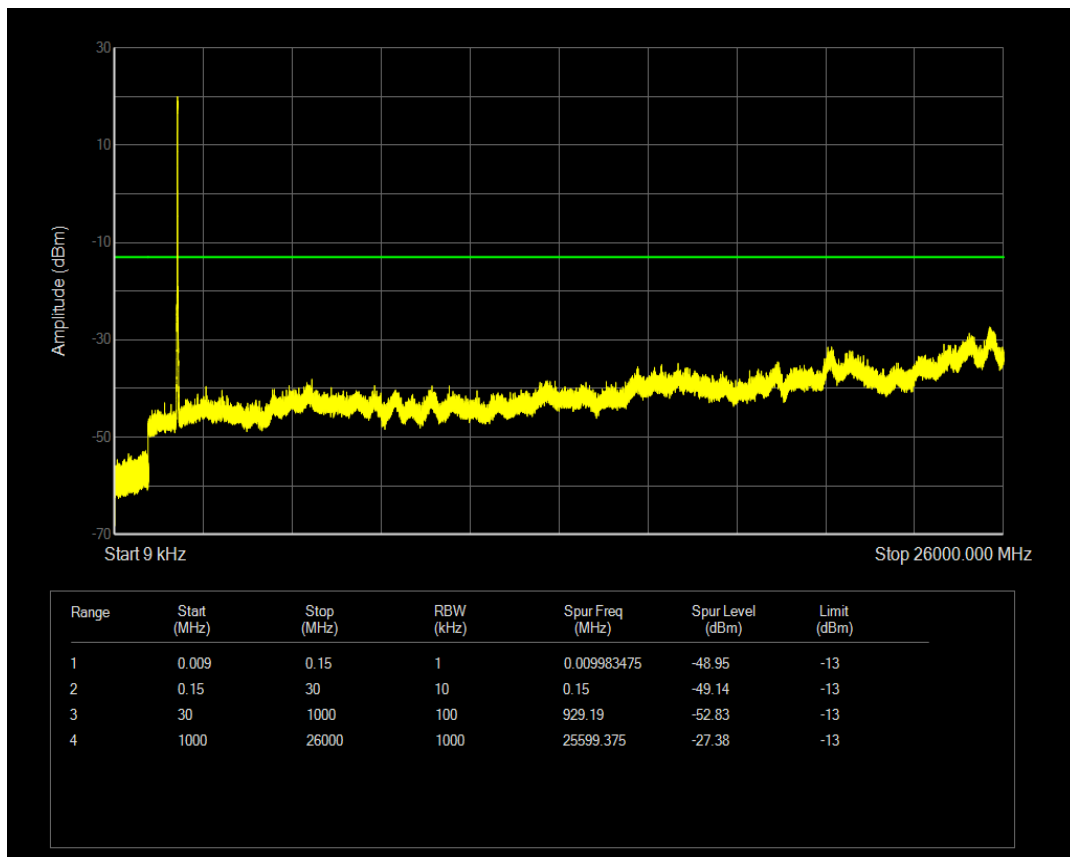
Band25 QPSK BW=10MHz Channel=26365 RB Size=50 Position=#0



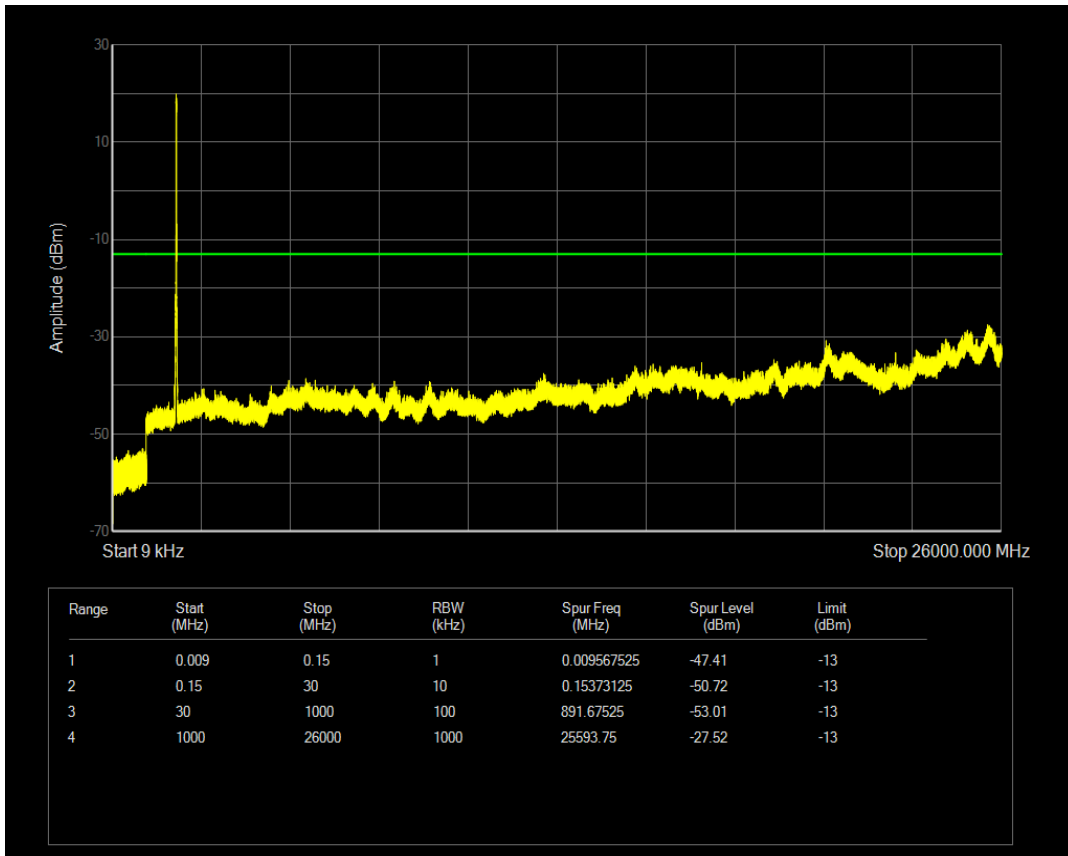
Band25 QPSK BW=10MHz Channel=26640 RB Size=50 Position=#0



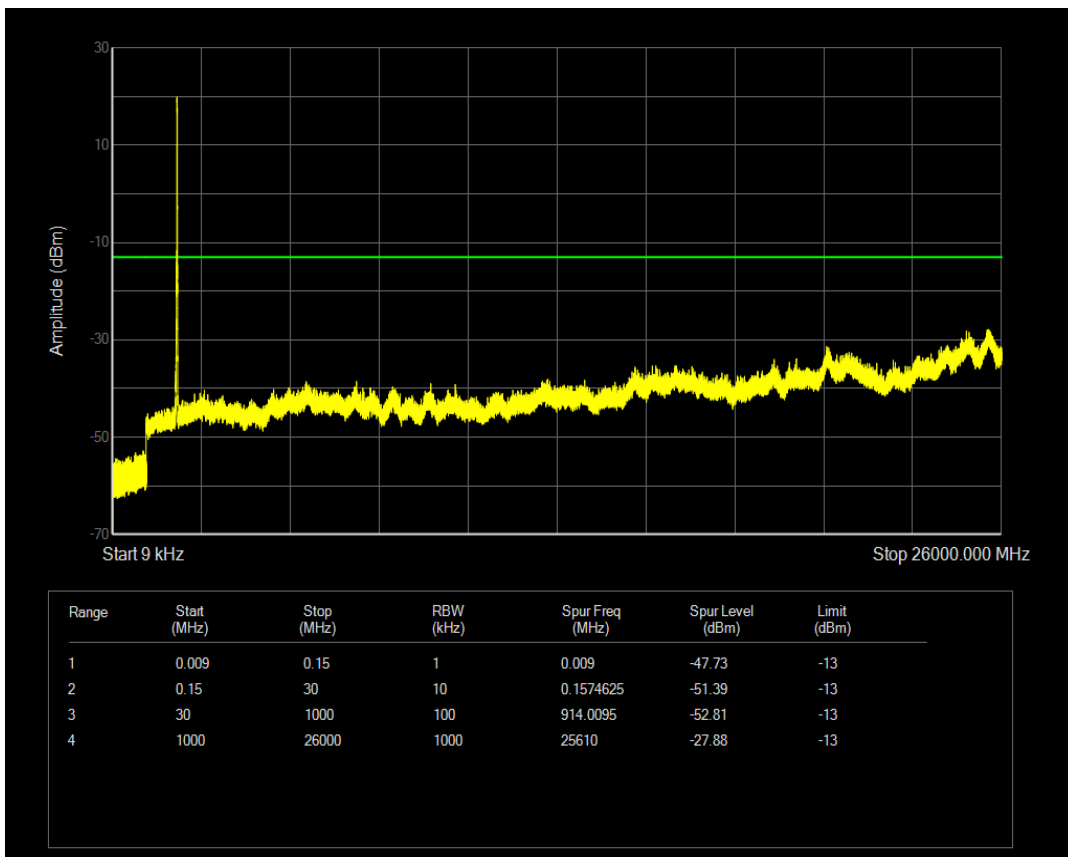
Band25 QPSK BW=15MHz Channel=26115 RB Size=75 Position=#0



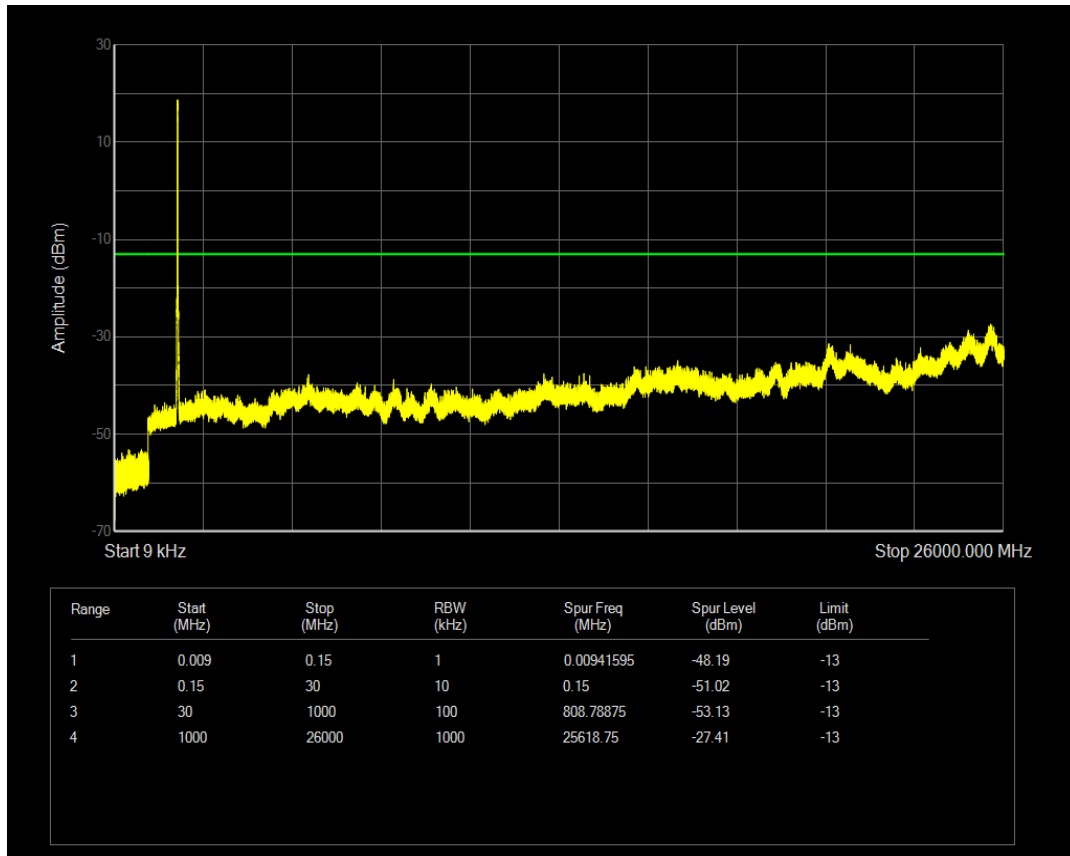
Band25 QPSK BW=15MHz Channel=26365 RB Size=75 Position=#0



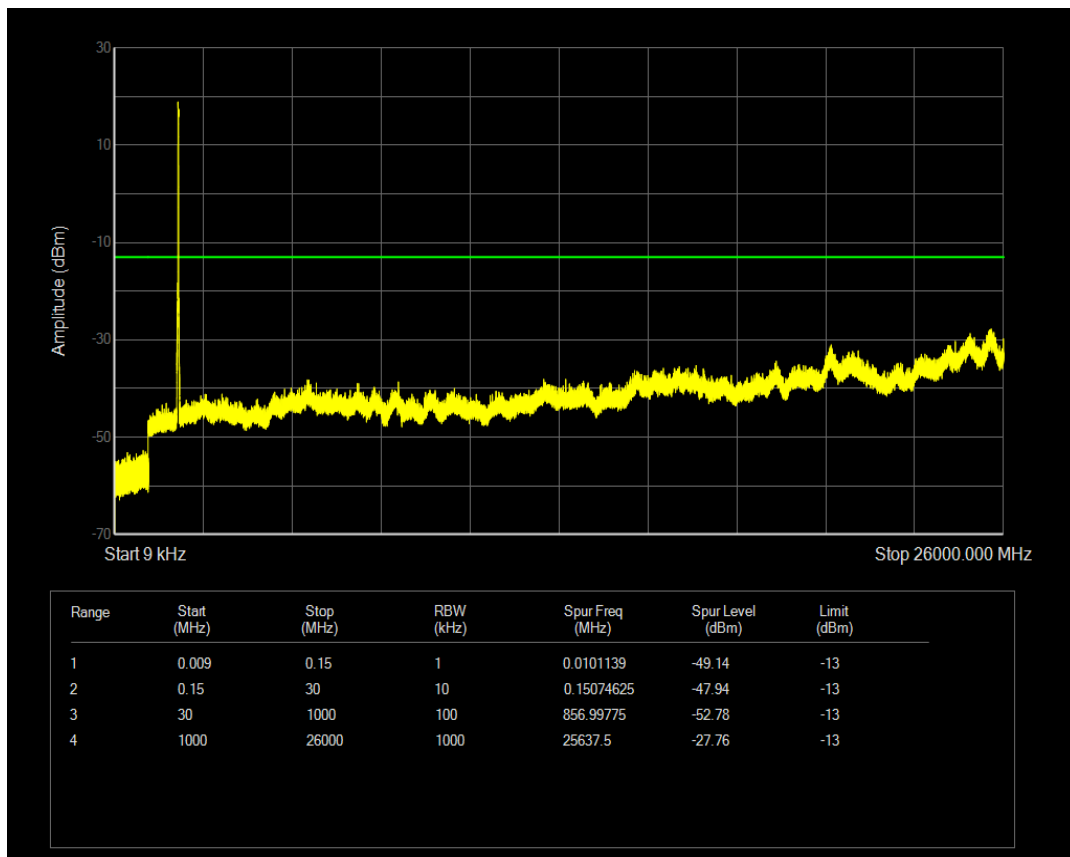
Band25 QPSK BW=15MHz Channel=26615 RB Size=75 Position=#0



Band25 QPSK BW=20MHz Channel=26140 RB Size=100 Position=#0



Band25 QPSK BW=20MHz Channel=26365 RB Size=100 Position=#0



Band25 QPSK BW=20MHz Channel=26590 RB Size=100 Position=#0

