

Appendix for Band 25

Report No.: BCTC2504135595-3E

Applicant: Shanghai TUGE Data Technologies Co., Ltd.

Product Name: Smart IoT 4G Router

Test Model: TR40

Tested Date: 2025-04-03 to 2025-05-16

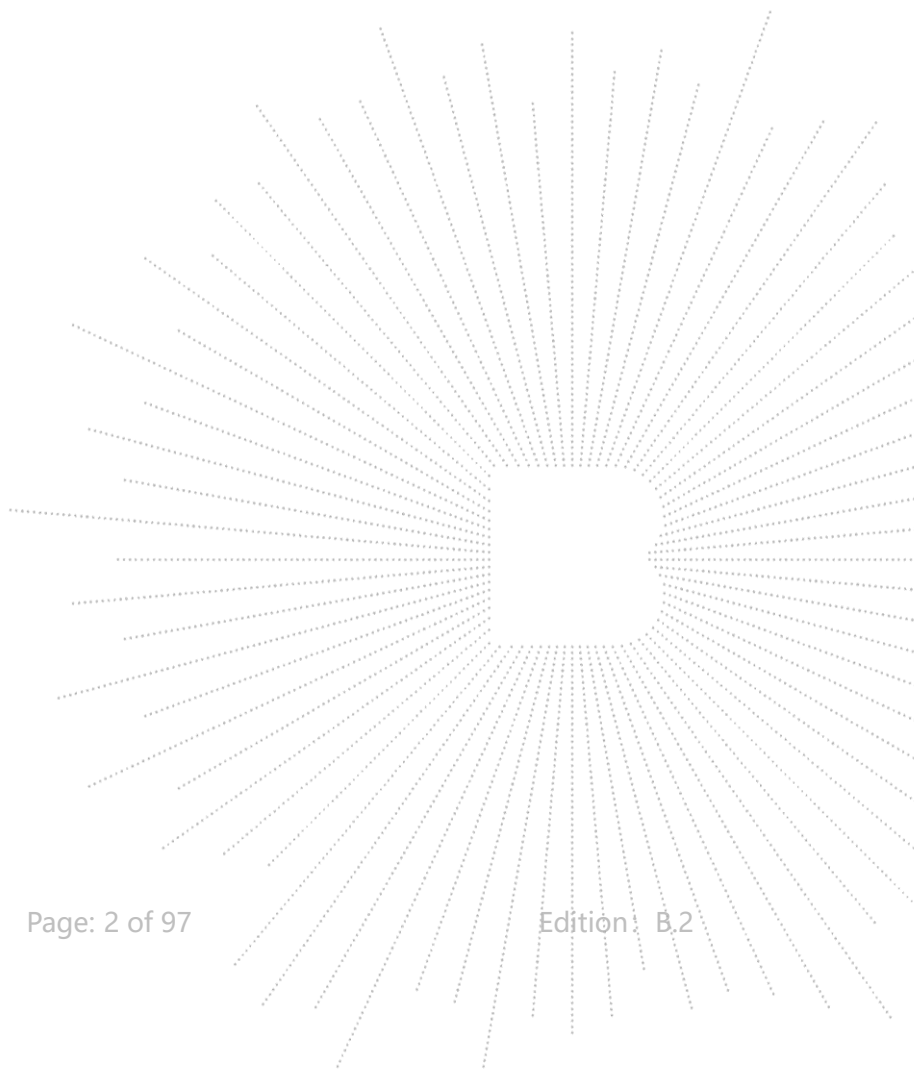
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Shenzhen BCTC Testing Co., Ltd.



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Appendix 1. Conducted output power

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Verdict
Band25	1.4	26047	1	#0	QPSK	23.34	PASS
Band25	1.4	26047	1	#Mid	QPSK	23.40	PASS
Band25	1.4	26047	1	#Max	QPSK	23.34	PASS
Band25	1.4	26047	3	#0	QPSK	23.03	PASS
Band25	1.4	26047	3	#Mid	QPSK	23.08	PASS
Band25	1.4	26047	3	#Max	QPSK	22.99	PASS
Band25	1.4	26047	6	#0	QPSK	22.07	PASS
Band25	1.4	26047	1	#0	16QAM	23.28	PASS
Band25	1.4	26047	1	#Mid	16QAM	23.21	PASS
Band25	1.4	26047	1	#Max	16QAM	23.27	PASS
Band25	1.4	26047	3	#0	16QAM	22.32	PASS
Band25	1.4	26047	3	#Mid	16QAM	22.32	PASS
Band25	1.4	26047	3	#Max	16QAM	22.33	PASS
Band25	1.4	26047	6	#0	16QAM	21.27	PASS
Band25	1.4	26365	1	#0	QPSK	23.26	PASS
Band25	1.4	26365	1	#Mid	QPSK	23.24	PASS
Band25	1.4	26365	1	#Max	QPSK	23.28	PASS
Band25	1.4	26365	3	#0	QPSK	23.15	PASS
Band25	1.4	26365	3	#Mid	QPSK	23.15	PASS
Band25	1.4	26365	3	#Max	QPSK	23.20	PASS
Band25	1.4	26365	6	#0	QPSK	22.30	PASS
Band25	1.4	26365	1	#0	16QAM	21.46	PASS
Band25	1.4	26365	1	#Mid	16QAM	21.75	PASS
Band25	1.4	26365	1	#Max	16QAM	21.80	PASS
Band25	1.4	26365	3	#0	16QAM	22.30	PASS
Band25	1.4	26365	3	#Mid	16QAM	22.35	PASS
Band25	1.4	26365	3	#Max	16QAM	22.27	PASS
Band25	1.4	26365	6	#0	16QAM	21.61	PASS
Band25	1.4	26683	1	#0	QPSK	23.18	PASS
Band25	1.4	26683	1	#Mid	QPSK	23.28	PASS
Band25	1.4	26683	1	#Max	QPSK	23.29	PASS
Band25	1.4	26683	3	#0	QPSK	23.12	PASS
Band25	1.4	26683	3	#Mid	QPSK	23.07	PASS
Band25	1.4	26683	3	#Max	QPSK	23.19	PASS
Band25	1.4	26683	6	#0	QPSK	22.26	PASS
Band25	1.4	26683	1	#0	16QAM	22.56	PASS
Band25	1.4	26683	1	#Mid	16QAM	22.55	PASS
Band25	1.4	26683	1	#Max	16QAM	22.55	PASS
Band25	1.4	26683	3	#0	16QAM	22.58	PASS
Band25	1.4	26683	3	#Mid	16QAM	22.61	PASS

Band25	1.4	26683	3	#Max	16QAM	22.57	PASS
Band25	1.4	26683	6	#0	16QAM	21.45	PASS
Band25	3	26055	1	#0	QPSK	23.07	PASS
Band25	3	26055	1	#Mid	QPSK	23.04	PASS
Band25	3	26055	1	#Max	QPSK	23.00	PASS
Band25	3	26055	8	#0	QPSK	22.16	PASS
Band25	3	26055	8	#Mid	QPSK	22.05	PASS
Band25	3	26055	8	#Max	QPSK	22.11	PASS
Band25	3	26055	15	#0	QPSK	22.12	PASS
Band25	3	26055	1	#0	16QAM	23.22	PASS
Band25	3	26055	1	#Mid	16QAM	23.18	PASS
Band25	3	26055	1	#Max	16QAM	23.17	PASS
Band25	3	26055	8	#0	16QAM	21.04	PASS
Band25	3	26055	8	#Mid	16QAM	21.02	PASS
Band25	3	26055	8	#Max	16QAM	21.08	PASS
Band25	3	26055	15	#0	16QAM	21.26	PASS
Band25	3	26365	1	#0	QPSK	23.12	PASS
Band25	3	26365	1	#Mid	QPSK	23.22	PASS
Band25	3	26365	1	#Max	QPSK	23.26	PASS
Band25	3	26365	8	#0	QPSK	22.13	PASS
Band25	3	26365	8	#Mid	QPSK	22.27	PASS
Band25	3	26365	8	#Max	QPSK	22.20	PASS
Band25	3	26365	15	#0	QPSK	22.26	PASS
Band25	3	26365	1	#0	16QAM	22.32	PASS
Band25	3	26365	1	#Mid	16QAM	22.39	PASS
Band25	3	26365	1	#Max	16QAM	22.40	PASS
Band25	3	26365	8	#0	16QAM	21.44	PASS
Band25	3	26365	8	#Mid	16QAM	21.43	PASS
Band25	3	26365	8	#Max	16QAM	21.51	PASS
Band25	3	26365	15	#0	16QAM	21.35	PASS
Band25	3	26675	1	#0	QPSK	23.27	PASS
Band25	3	26675	1	#Mid	QPSK	23.32	PASS
Band25	3	26675	1	#Max	QPSK	23.30	PASS
Band25	3	26675	8	#0	QPSK	22.18	PASS
Band25	3	26675	8	#Mid	QPSK	22.18	PASS
Band25	3	26675	8	#Max	QPSK	22.15	PASS
Band25	3	26675	15	#0	QPSK	22.20	PASS
Band25	3	26675	1	#0	16QAM	22.57	PASS
Band25	3	26675	1	#Mid	16QAM	22.54	PASS
Band25	3	26675	1	#Max	16QAM	22.62	PASS
Band25	3	26675	8	#0	16QAM	21.30	PASS
Band25	3	26675	8	#Mid	16QAM	21.30	PASS
Band25	3	26675	8	#Max	16QAM	21.31	PASS
Band25	3	26675	15	#0	16QAM	21.28	PASS

Band25	5	26065	1	#0	QPSK	22.93	PASS
Band25	5	26065	1	#Mid	QPSK	23.00	PASS
Band25	5	26065	1	#Max	QPSK	22.93	PASS
Band25	5	26065	12	#0	QPSK	22.15	PASS
Band25	5	26065	12	#Mid	QPSK	22.10	PASS
Band25	5	26065	12	#Max	QPSK	22.06	PASS
Band25	5	26065	25	#0	QPSK	22.10	PASS
Band25	5	26065	1	#0	16QAM	22.51	PASS
Band25	5	26065	1	#Mid	16QAM	22.50	PASS
Band25	5	26065	1	#Max	16QAM	22.54	PASS
Band25	5	26065	12	#0	16QAM	21.07	PASS
Band25	5	26065	12	#Mid	16QAM	21.06	PASS
Band25	5	26065	12	#Max	16QAM	21.05	PASS
Band25	5	26065	25	#0	16QAM	21.14	PASS
Band25	5	26365	1	#0	QPSK	23.21	PASS
Band25	5	26365	1	#Mid	QPSK	23.26	PASS
Band25	5	26365	1	#Max	QPSK	23.28	PASS
Band25	5	26365	12	#0	QPSK	22.07	PASS
Band25	5	26365	12	#Mid	QPSK	22.21	PASS
Band25	5	26365	12	#Max	QPSK	22.15	PASS
Band25	5	26365	25	#0	QPSK	22.30	PASS
Band25	5	26365	1	#0	16QAM	21.91	PASS
Band25	5	26365	1	#Mid	16QAM	22.02	PASS
Band25	5	26365	1	#Max	16QAM	22.02	PASS
Band25	5	26365	12	#0	16QAM	21.10	PASS
Band25	5	26365	12	#Mid	16QAM	21.29	PASS
Band25	5	26365	12	#Max	16QAM	21.32	PASS
Band25	5	26365	25	#0	16QAM	21.35	PASS
Band25	5	26665	1	#0	QPSK	23.13	PASS
Band25	5	26665	1	#Mid	QPSK	23.11	PASS
Band25	5	26665	1	#Max	QPSK	23.13	PASS
Band25	5	26665	12	#0	QPSK	22.20	PASS
Band25	5	26665	12	#Mid	QPSK	22.17	PASS
Band25	5	26665	12	#Max	QPSK	22.19	PASS
Band25	5	26665	25	#0	QPSK	22.18	PASS
Band25	5	26665	1	#0	16QAM	22.22	PASS
Band25	5	26665	1	#Mid	16QAM	22.20	PASS
Band25	5	26665	1	#Max	16QAM	22.15	PASS
Band25	5	26665	12	#0	16QAM	21.31	PASS
Band25	5	26665	12	#Mid	16QAM	21.26	PASS
Band25	5	26665	12	#Max	16QAM	21.30	PASS
Band25	5	26665	25	#0	16QAM	21.26	PASS
Band25	10	26090	1	#0	QPSK	23.08	PASS
Band25	10	26090	1	#Mid	QPSK	23.08	PASS

Band25	10	26090	1	#Max	QPSK	22.94	PASS
Band25	10	26090	25	#0	QPSK	22.16	PASS
Band25	10	26090	25	#Mid	QPSK	22.07	PASS
Band25	10	26090	25	#Max	QPSK	21.98	PASS
Band25	10	26090	50	#0	QPSK	21.99	PASS
Band25	10	26090	1	#0	16QAM	23.12	PASS
Band25	10	26090	1	#Mid	16QAM	23.13	PASS
Band25	10	26090	1	#Max	16QAM	23.05	PASS
Band25	10	26090	25	#0	16QAM	21.18	PASS
Band25	10	26090	25	#Mid	16QAM	21.19	PASS
Band25	10	26090	25	#Max	16QAM	21.11	PASS
Band25	10	26090	50	#0	16QAM	21.18	PASS
Band25	10	26365	1	#0	QPSK	23.00	PASS
Band25	10	26365	1	#Mid	QPSK	23.08	PASS
Band25	10	26365	1	#Max	QPSK	23.13	PASS
Band25	10	26365	25	#0	QPSK	22.20	PASS
Band25	10	26365	25	#Mid	QPSK	22.27	PASS
Band25	10	26365	25	#Max	QPSK	22.10	PASS
Band25	10	26365	50	#0	QPSK	22.33	PASS
Band25	10	26365	1	#0	16QAM	22.22	PASS
Band25	10	26365	1	#Mid	16QAM	22.38	PASS
Band25	10	26365	1	#Max	16QAM	22.28	PASS
Band25	10	26365	25	#0	16QAM	21.27	PASS
Band25	10	26365	25	#Mid	16QAM	21.39	PASS
Band25	10	26365	25	#Max	16QAM	21.32	PASS
Band25	10	26365	50	#0	16QAM	21.40	PASS
Band25	10	26640	1	#0	QPSK	23.38	PASS
Band25	10	26640	1	#Mid	QPSK	23.23	PASS
Band25	10	26640	1	#Max	QPSK	23.20	PASS
Band25	10	26640	25	#0	QPSK	22.30	PASS
Band25	10	26640	25	#Mid	QPSK	22.28	PASS
Band25	10	26640	25	#Max	QPSK	22.19	PASS
Band25	10	26640	50	#0	QPSK	22.23	PASS
Band25	10	26640	1	#0	16QAM	22.50	PASS
Band25	10	26640	1	#Mid	16QAM	22.42	PASS
Band25	10	26640	1	#Max	16QAM	22.23	PASS
Band25	10	26640	25	#0	16QAM	21.38	PASS
Band25	10	26640	25	#Mid	16QAM	21.32	PASS
Band25	10	26640	25	#Max	16QAM	21.26	PASS
Band25	10	26640	50	#0	16QAM	21.36	PASS
Band25	15	26115	1	#0	QPSK	23.09	PASS
Band25	15	26115	1	#Mid	QPSK	22.98	PASS
Band25	15	26115	1	#Max	QPSK	23.01	PASS
Band25	15	26115	36	#0	QPSK	22.17	PASS

Band25	15	26115	36	#Mid	QPSK	21.99	PASS
Band25	15	26115	36	#Max	QPSK	21.93	PASS
Band25	15	26115	75	#0	QPSK	22.07	PASS
Band25	15	26115	1	#0	16QAM	23.34	PASS
Band25	15	26115	1	#Mid	16QAM	23.21	PASS
Band25	15	26115	1	#Max	16QAM	23.21	PASS
Band25	15	26115	36	#0	16QAM	21.18	PASS
Band25	15	26115	36	#Mid	16QAM	21.15	PASS
Band25	15	26115	36	#Max	16QAM	21.15	PASS
Band25	15	26115	75	#0	16QAM	21.18	PASS
Band25	15	26365	1	#0	QPSK	22.99	PASS
Band25	15	26365	1	#Mid	QPSK	23.11	PASS
Band25	15	26365	1	#Max	QPSK	23.10	PASS
Band25	15	26365	36	#0	QPSK	22.18	PASS
Band25	15	26365	36	#Mid	QPSK	22.21	PASS
Band25	15	26365	36	#Max	QPSK	22.12	PASS
Band25	15	26365	75	#0	QPSK	22.20	PASS
Band25	15	26365	1	#0	16QAM	22.16	PASS
Band25	15	26365	1	#Mid	16QAM	22.30	PASS
Band25	15	26365	1	#Max	16QAM	22.36	PASS
Band25	15	26365	36	#0	16QAM	21.36	PASS
Band25	15	26365	36	#Mid	16QAM	21.45	PASS
Band25	15	26365	36	#Max	16QAM	21.46	PASS
Band25	15	26365	75	#0	16QAM	21.33	PASS
Band25	15	26615	1	#0	QPSK	23.35	PASS
Band25	15	26615	1	#Mid	QPSK	23.25	PASS
Band25	15	26615	1	#Max	QPSK	23.26	PASS
Band25	15	26615	36	#0	QPSK	22.22	PASS
Band25	15	26615	36	#Mid	QPSK	22.22	PASS
Band25	15	26615	36	#Max	QPSK	22.07	PASS
Band25	15	26615	75	#0	QPSK	22.24	PASS
Band25	15	26615	1	#0	16QAM	23.03	PASS
Band25	15	26615	1	#Mid	16QAM	22.89	PASS
Band25	15	26615	1	#Max	16QAM	22.93	PASS
Band25	15	26615	36	#0	16QAM	21.34	PASS
Band25	15	26615	36	#Mid	16QAM	21.35	PASS
Band25	15	26615	36	#Max	16QAM	21.27	PASS
Band25	15	26615	75	#0	16QAM	21.40	PASS
Band25	20	26140	1	#0	QPSK	23.16	PASS
Band25	20	26140	1	#Mid	QPSK	23.04	PASS
Band25	20	26140	1	#Max	QPSK	23.11	PASS
Band25	20	26140	50	#0	QPSK	21.99	PASS
Band25	20	26140	50	#Mid	QPSK	22.08	PASS
Band25	20	26140	50	#Max	QPSK	22.07	PASS

Band25	20	26140	100	#0	QPSK	22.00	PASS
Band25	20	26140	1	#0	16QAM	21.89	PASS
Band25	20	26140	1	#Mid	16QAM	21.82	PASS
Band25	20	26140	1	#Max	16QAM	21.84	PASS
Band25	20	26140	50	#0	16QAM	21.22	PASS
Band25	20	26140	50	#Mid	16QAM	21.23	PASS
Band25	20	26140	50	#Max	16QAM	21.22	PASS
Band25	20	26140	100	#0	16QAM	21.17	PASS
Band25	20	26365	1	#0	QPSK	23.17	PASS
Band25	20	26365	1	#Mid	QPSK	23.28	PASS
Band25	20	26365	1	#Max	QPSK	23.30	PASS
Band25	20	26365	50	#0	QPSK	22.11	PASS
Band25	20	26365	50	#Mid	QPSK	22.26	PASS
Band25	20	26365	50	#Max	QPSK	22.21	PASS
Band25	20	26365	100	#0	QPSK	22.34	PASS
Band25	20	26365	1	#0	16QAM	21.77	PASS
Band25	20	26365	1	#Mid	16QAM	21.95	PASS
Band25	20	26365	1	#Max	16QAM	21.99	PASS
Band25	20	26365	50	#0	16QAM	21.18	PASS
Band25	20	26365	50	#Mid	16QAM	21.24	PASS
Band25	20	26365	50	#Max	16QAM	21.22	PASS
Band25	20	26365	100	#0	16QAM	21.35	PASS
Band25	20	26590	1	#0	QPSK	23.28	PASS
Band25	20	26590	1	#Mid	QPSK	23.39	PASS
Band25	20	26590	1	#Max	QPSK	23.24	PASS
Band25	20	26590	50	#0	QPSK	22.20	PASS
Band25	20	26590	50	#Mid	QPSK	22.23	PASS
Band25	20	26590	50	#Max	QPSK	22.15	PASS
Band25	20	26590	100	#0	QPSK	22.36	PASS
Band25	20	26590	1	#0	16QAM	22.10	PASS
Band25	20	26590	1	#Mid	16QAM	22.29	PASS
Band25	20	26590	1	#Max	16QAM	22.05	PASS
Band25	20	26590	50	#0	16QAM	21.30	PASS
Band25	20	26590	50	#Mid	16QAM	21.27	PASS
Band25	20	26590	50	#Max	16QAM	21.26	PASS
Band25	20	26590	100	#0	16QAM	21.28	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 25	1.4	26047	6	#0	QPSK	LV	NT	17.05	0.009	-2.5	2.5	PASS
Band 25	1.4	26047	6	#0	QPSK	NV	NT	16.01	0.009	-2.5	2.5	PASS
Band 25	1.4	26047	6	#0	QPSK	HV	NT	13.39	0.007	-2.5	2.5	PASS
Band 25	1.4	26047	6	#0	16QAM	LV	NT	12.36	0.007	-2.5	2.5	PASS
Band 25	1.4	26047	6	#0	16QAM	NV	NT	12.80	0.007	-2.5	2.5	PASS
Band 25	1.4	26047	6	#0	16QAM	HV	NT	16.18	0.009	-2.5	2.5	PASS
Band 25	1.4	26365	6	#0	QPSK	LV	NT	-0.72	0.000	-2.5	2.5	PASS
Band 25	1.4	26365	6	#0	QPSK	NV	NT	-6.08	-0.003	-2.5	2.5	PASS
Band 25	1.4	26365	6	#0	QPSK	HV	NT	-15.61	-0.008	-2.5	2.5	PASS
Band 25	1.4	26365	6	#0	16QAM	LV	NT	-22.14	-0.012	-2.5	2.5	PASS
Band 25	1.4	26365	6	#0	16QAM	NV	NT	-28.77	-0.015	-2.5	2.5	PASS
Band 25	1.4	26365	6	#0	16QAM	HV	NT	-32.73	-0.017	-2.5	2.5	PASS
Band 25	1.4	26683	6	#0	QPSK	LV	NT	15.58	0.008	-2.5	2.5	PASS
Band 25	1.4	26683	6	#0	QPSK	NV	NT	15.13	0.008	-2.5	2.5	PASS
Band 25	1.4	26683	6	#0	QPSK	HV	NT	10.30	0.005	-2.5	2.5	PASS
Band 25	1.4	26683	6	#0	16QAM	LV	NT	8.25	0.004	-2.5	2.5	PASS
Band 25	1.4	26683	6	#0	16QAM	NV	NT	5.48	0.003	-2.5	2.5	PASS
Band 25	1.4	26683	6	#0	16QAM	HV	NT	5.98	0.003	-2.5	2.5	PASS



Band 25	3	26055	15	#0	QPSK	LV	NT	6.39	0.00 3	-2.5	2.5	PAS S
Band 25	3	26055	15	#0	QPSK	NV	NT	-34. 70	-0.0 19	-2.5	2.5	PAS S
Band 25	3	26055	15	#0	QPSK	HV	NT	-33. 69	-0.0 18	-2.5	2.5	PAS S
Band 25	3	26055	15	#0	16QAM	LV	NT	-26. 12	-0.0 14	-2.5	2.5	PAS S
Band 25	3	26055	15	#0	16QAM	NV	NT	-12. 70	-0.0 07	-2.5	2.5	PAS S
Band 25	3	26055	15	#0	16QAM	HV	NT	-41. 00	-0.0 22	-2.5	2.5	PAS S
Band 25	3	26365	15	#0	QPSK	LV	NT	-48. 08	-0.0 26	-2.5	2.5	PAS S
Band 25	3	26365	15	#0	QPSK	NV	NT	-32. 63	-0.0 17	-2.5	2.5	PAS S
Band 25	3	26365	15	#0	QPSK	HV	NT	-43. 49	-0.0 23	-2.5	2.5	PAS S
Band 25	3	26365	15	#0	16QAM	LV	NT	-26. 04	-0.0 14	-2.5	2.5	PAS S
Band 25	3	26365	15	#0	16QAM	NV	NT	-32. 66	-0.0 17	-2.5	2.5	PAS S
Band 25	3	26365	15	#0	16QAM	HV	NT	-29.1 1	-0.0 15	-2.5	2.5	PAS S
Band 25	3	26675	15	#0	QPSK	LV	NT	0.07	0.00 0	-2.5	2.5	PAS S
Band 25	3	26675	15	#0	QPSK	NV	NT	-36. 23	-0.0 19	-2.5	2.5	PAS S
Band 25	3	26675	15	#0	QPSK	HV	NT	-36. 36	-0.0 19	-2.5	2.5	PAS S
Band 25	3	26675	15	#0	16QAM	LV	NT	-12. 32	-0.0 06	-2.5	2.5	PAS S
Band 25	3	26675	15	#0	16QAM	NV	NT	-17. 54	-0.0 09	-2.5	2.5	PAS S
Band 25	3	26675	15	#0	16QAM	HV	NT	-44. 26	-0.0 23	-2.5	2.5	PAS S
Band 25	5	26065	25	#0	QPSK	LV	NT	-9.8 8	-0.0 05	-2.5	2.5	PAS S
Band 25	5	26065	25	#0	QPSK	NV	NT	-1.0 2	-0.0 01	-2.5	2.5	PAS S
Band 25	5	26065	25	#0	QPSK	HV	NT	-31.1 1	-0.0 17	-2.5	2.5	PAS S
Band 25	5	26065	25	#0	16QAM	LV	NT	-6.0 4	-0.0 03	-2.5	2.5	PAS S



Band 25	5	26065	25	#0	16QAM	NV	NT	-40.56	-0.022	-2.5	2.5	PASS
Band 25	5	26065	25	#0	16QAM	HV	NT	-22.30	-0.012	-2.5	2.5	PASS
Band 25	5	26365	25	#0	QPSK	LV	NT	-21.04	-0.011	-2.5	2.5	PASS
Band 25	5	26365	25	#0	QPSK	NV	NT	1.14	0.001	-2.5	2.5	PASS
Band 25	5	26365	25	#0	QPSK	HV	NT	-41.91	-0.022	-2.5	2.5	PASS
Band 25	5	26365	25	#0	16QAM	LV	NT	-0.07	0.000	-2.5	2.5	PASS
Band 25	5	26365	25	#0	16QAM	NV	NT	-32.11	-0.017	-2.5	2.5	PASS
Band 25	5	26365	25	#0	16QAM	HV	NT	-27.48	-0.015	-2.5	2.5	PASS
Band 25	5	26665	25	#0	QPSK	LV	NT	-23.99	-0.013	-2.5	2.5	PASS
Band 25	5	26665	25	#0	QPSK	NV	NT	-35.41	-0.019	-2.5	2.5	PASS
Band 25	5	26665	25	#0	QPSK	HV	NT	-11.84	-0.006	-2.5	2.5	PASS
Band 25	5	26665	25	#0	16QAM	LV	NT	-20.44	-0.011	-2.5	2.5	PASS
Band 25	5	26665	25	#0	16QAM	NV	NT	-38.58	-0.020	-2.5	2.5	PASS
Band 25	5	26665	25	#0	16QAM	HV	NT	-28.24	-0.015	-2.5	2.5	PASS
Band 25	10	26090	50	#0	QPSK	LV	NT	16.64	0.009	-2.5	2.5	PASS
Band 25	10	26090	50	#0	QPSK	NV	NT	-28.21	-0.015	-2.5	2.5	PASS
Band 25	10	26090	50	#0	QPSK	HV	NT	-12.80	-0.007	-2.5	2.5	PASS
Band 25	10	26090	50	#0	16QAM	LV	NT	-40.17	-0.022	-2.5	2.5	PASS
Band 25	10	26090	50	#0	16QAM	NV	NT	-23.30	-0.013	-2.5	2.5	PASS
Band 25	10	26090	50	#0	16QAM	HV	NT	-13.66	-0.007	-2.5	2.5	PASS
Band 25	10	26365	50	#0	QPSK	LV	NT	-21.04	-0.011	-2.5	2.5	PASS
Band 25	10	26365	50	#0	QPSK	NV	NT	-17.51	-0.009	-2.5	2.5	PASS



Band 25	10	26365	50	#0	QPSK	HV	NT	-30.14	-0.016	-2.5	2.5	PASS
Band 25	10	26365	50	#0	16QAM	LV	NT	-17.31	-0.009	-2.5	2.5	PASS
Band 25	10	26365	50	#0	16QAM	NV	NT	-18.58	-0.010	-2.5	2.5	PASS
Band 25	10	26365	50	#0	16QAM	HV	NT	-28.75	-0.015	-2.5	2.5	PASS
Band 25	10	26640	50	#0	QPSK	LV	NT	-11.30	-0.006	-2.5	2.5	PASS
Band 25	10	26640	50	#0	QPSK	NV	NT	-40.50	-0.021	-2.5	2.5	PASS
Band 25	10	26640	50	#0	QPSK	HV	NT	-25.85	-0.014	-2.5	2.5	PASS
Band 25	10	26640	50	#0	16QAM	LV	NT	-33.46	-0.018	-2.5	2.5	PASS
Band 25	10	26640	50	#0	16QAM	NV	NT	-35.20	-0.018	-2.5	2.5	PASS
Band 25	10	26640	50	#0	16QAM	HV	NT	-17.52	-0.009	-2.5	2.5	PASS
Band 25	15	26115	75	#0	QPSK	LV	NT	6.61	0.004	-2.5	2.5	PASS
Band 25	15	26115	75	#0	QPSK	NV	NT	-24.22	-0.013	-2.5	2.5	PASS
Band 25	15	26115	75	#0	QPSK	HV	NT	-44.39	-0.024	-2.5	2.5	PASS
Band 25	15	26115	75	#0	16QAM	LV	NT	-7.12	-0.004	-2.5	2.5	PASS
Band 25	15	26115	75	#0	16QAM	NV	NT	-30.13	-0.016	-2.5	2.5	PASS
Band 25	15	26115	75	#0	16QAM	HV	NT	-8.34	-0.004	-2.5	2.5	PASS
Band 25	15	26365	75	#0	QPSK	LV	NT	-19.76	-0.010	-2.5	2.5	PASS
Band 25	15	26365	75	#0	QPSK	NV	NT	-21.57	-0.011	-2.5	2.5	PASS
Band 25	15	26365	75	#0	QPSK	HV	NT	-31.99	-0.017	-2.5	2.5	PASS
Band 25	15	26365	75	#0	16QAM	LV	NT	-23.79	-0.013	-2.5	2.5	PASS
Band 25	15	26365	75	#0	16QAM	NV	NT	-34.55	-0.018	-2.5	2.5	PASS
Band 25	15	26365	75	#0	16QAM	HV	NT	-15.99	-0.008	-2.5	2.5	PASS



Band 25	15	26615	75	#0	QPSK	LV	NT	-12.72	-0.007	-2.5	2.5	PASS
Band 25	15	26615	75	#0	QPSK	NV	NT	-14.99	-0.008	-2.5	2.5	PASS
Band 25	15	26615	75	#0	QPSK	HV	NT	-25.25	-0.013	-2.5	2.5	PASS
Band 25	15	26615	75	#0	16QAM	LV	NT	-36.71	-0.019	-2.5	2.5	PASS
Band 25	15	26615	75	#0	16QAM	NV	NT	-1.24	-0.001	-2.5	2.5	PASS
Band 25	15	26615	75	#0	16QAM	HV	NT	-23.26	-0.012	-2.5	2.5	PASS
Band 25	20	26140	100	#0	QPSK	LV	NT	10.16	0.005	-2.5	2.5	PASS
Band 25	20	26140	100	#0	QPSK	NV	NT	-2.23	-0.001	-2.5	2.5	PASS
Band 25	20	26140	100	#0	QPSK	HV	NT	-12.30	-0.007	-2.5	2.5	PASS
Band 25	20	26140	100	#0	16QAM	LV	NT	-43.49	-0.023	-2.5	2.5	PASS
Band 25	20	26140	100	#0	16QAM	NV	NT	-24.86	-0.013	-2.5	2.5	PASS
Band 25	20	26140	100	#0	16QAM	HV	NT	-19.10	-0.010	-2.5	2.5	PASS
Band 25	20	26365	100	#0	QPSK	LV	NT	-22.89	-0.012	-2.5	2.5	PASS
Band 25	20	26365	100	#0	QPSK	NV	NT	-25.84	-0.014	-2.5	2.5	PASS
Band 25	20	26365	100	#0	QPSK	HV	NT	-27.38	-0.015	-2.5	2.5	PASS
Band 25	20	26365	100	#0	16QAM	LV	NT	-25.15	-0.013	-2.5	2.5	PASS
Band 25	20	26365	100	#0	16QAM	NV	NT	-29.34	-0.016	-2.5	2.5	PASS
Band 25	20	26365	100	#0	16QAM	HV	NT	-14.53	-0.008	-2.5	2.5	PASS
Band 25	20	26590	100	#0	QPSK	LV	NT	-11.54	-0.006	-2.5	2.5	PASS
Band 25	20	26590	100	#0	QPSK	NV	NT	-44.90	-0.024	-2.5	2.5	PASS
Band 25	20	26590	100	#0	QPSK	HV	NT	-22.43	-0.012	-2.5	2.5	PASS
Band 25	20	26590	100	#0	16QAM	LV	NT	-33.76	-0.018	-2.5	2.5	PASS

Band 25	20	26590	100	#0	16QAM	NV	NT	-7.44	-0.004	-2.5	2.5	PASS
Band 25	20	26590	100	#0	16QAM	HV	NT	-24.79	-0.013	-2.5	2.5	PASS

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 25	1.4	26047	6	#0	QPSK	NV	-30	33.89	0.018	-2.5	2.5	PASS
Band 25	1.4	26047	6	#0	QPSK	NV	-20	17.72	0.010	-2.5	2.5	PASS
Band 25	1.4	26047	6	#0	QPSK	NV	0	2.82	0.002	-2.5	2.5	PASS
Band 25	1.4	26047	6	#0	QPSK	NV	10	-9.28	-0.005	-2.5	2.5	PASS
Band 25	1.4	26047	6	#0	QPSK	NV	20	-22.32	-0.012	-2.5	2.5	PASS
Band 25	1.4	26047	6	#0	QPSK	NV	30	-39.05	-0.021	-2.5	2.5	PASS
Band 25	1.4	26047	6	#0	QPSK	NV	40	-16.21	-0.009	-2.5	2.5	PASS
Band 25	1.4	26047	6	#0	QPSK	NV	50	-37.01	-0.020	-2.5	2.5	PASS
Band 25	1.4	26047	6	#0	16QAM	NV	-30	2.57	0.001	-2.5	2.5	PASS
Band 25	1.4	26047	6	#0	16QAM	NV	-20	-13.02	-0.007	-2.5	2.5	PASS
Band 25	1.4	26047	6	#0	16QAM	NV	0	-33.65	-0.018	-2.5	2.5	PASS
Band 25	1.4	26047	6	#0	16QAM	NV	10	-29.83	-0.016	-2.5	2.5	PASS
Band 25	1.4	26047	6	#0	16QAM	NV	20	-34.32	-0.019	-2.5	2.5	PASS
Band 25	1.4	26047	6	#0	16QAM	NV	30	-16.25	-0.009	-2.5	2.5	PASS
Band 25	1.4	26047	6	#0	16QAM	NV	40	-31.99	-0.017	-2.5	2.5	PASS
Band 25	1.4	26047	6	#0	16QAM	NV	50	-51.73	-0.028	-2.5	2.5	PASS
Band 25	1.4	26365	6	#0	QPSK	NV	-30	-6.98	-0.004	-2.5	2.5	PASS



Band 25	1.4	26365	6	#0	QPSK	NV	-20	-36.88	-0.020	-2.5	2.5	PASS
Band 25	1.4	26365	6	#0	QPSK	NV	0	-30.53	-0.016	-2.5	2.5	PASS
Band 25	1.4	26365	6	#0	QPSK	NV	10	-11.13	-0.006	-2.5	2.5	PASS
Band 25	1.4	26365	6	#0	QPSK	NV	20	-4.36	-0.002	-2.5	2.5	PASS
Band 25	1.4	26365	6	#0	QPSK	NV	30	-27.44	-0.015	-2.5	2.5	PASS
Band 25	1.4	26365	6	#0	QPSK	NV	40	-10.33	-0.005	-2.5	2.5	PASS
Band 25	1.4	26365	6	#0	QPSK	NV	50	-33.86	-0.018	-2.5	2.5	PASS
Band 25	1.4	26365	6	#0	16QAM	NV	-30	-13.05	-0.007	-2.5	2.5	PASS
Band 25	1.4	26365	6	#0	16QAM	NV	-20	-37.95	-0.020	-2.5	2.5	PASS
Band 25	1.4	26365	6	#0	16QAM	NV	0	-24.40	-0.013	-2.5	2.5	PASS
Band 25	1.4	26365	6	#0	16QAM	NV	10	-50.78	-0.027	-2.5	2.5	PASS
Band 25	1.4	26365	6	#0	16QAM	NV	20	-13.13	-0.007	-2.5	2.5	PASS
Band 25	1.4	26365	6	#0	16QAM	NV	30	-33.35	-0.018	-2.5	2.5	PASS
Band 25	1.4	26365	6	#0	16QAM	NV	40	-34.39	-0.018	-2.5	2.5	PASS
Band 25	1.4	26365	6	#0	16QAM	NV	50	-37.15	-0.020	-2.5	2.5	PASS
Band 25	1.4	26683	6	#0	QPSK	NV	-30	-21.41	-0.011	-2.5	2.5	PASS
Band 25	1.4	26683	6	#0	QPSK	NV	-20	-35.93	-0.019	-2.5	2.5	PASS
Band 25	1.4	26683	6	#0	QPSK	NV	0	-4.06	-0.002	-2.5	2.5	PASS
Band 25	1.4	26683	6	#0	QPSK	NV	10	-24.42	-0.013	-2.5	2.5	PASS
Band 25	1.4	26683	6	#0	QPSK	NV	20	-40.18	-0.021	-2.5	2.5	PASS
Band 25	1.4	26683	6	#0	QPSK	NV	30	-10.66	-0.006	-2.5	2.5	PASS
Band 25	1.4	26683	6	#0	QPSK	NV	40	-29.64	-0.015	-2.5	2.5	PASS

Band 25	1.4	26683	6	#0	QPSK	NV	50	-35.58	-0.019	-2.5	2.5	PASS
Band 25	1.4	26683	6	#0	16QAM	NV	-30	-13.76	-0.007	-2.5	2.5	PASS
Band 25	1.4	26683	6	#0	16QAM	NV	-20	-32.49	-0.017	-2.5	2.5	PASS
Band 25	1.4	26683	6	#0	16QAM	NV	0	-9.68	-0.005	-2.5	2.5	PASS
Band 25	1.4	26683	6	#0	16QAM	NV	10	-20.54	-0.011	-2.5	2.5	PASS
Band 25	1.4	26683	6	#0	16QAM	NV	20	-32.67	-0.017	-2.5	2.5	PASS
Band 25	1.4	26683	6	#0	16QAM	NV	30	-43.16	-0.023	-2.5	2.5	PASS
Band 25	1.4	26683	6	#0	16QAM	NV	40	-16.49	-0.009	-2.5	2.5	PASS
Band 25	1.4	26683	6	#0	16QAM	NV	50	-2.25	-0.001	-2.5	2.5	PASS
Band 25	3	26055	15	#0	QPSK	NV	-30	-14.31	-0.008	-2.5	2.5	PASS
Band 25	3	26055	15	#0	QPSK	NV	-20	-29.75	-0.016	-2.5	2.5	PASS
Band 25	3	26055	15	#0	QPSK	NV	0	-45.78	-0.025	-2.5	2.5	PASS
Band 25	3	26055	15	#0	QPSK	NV	10	1.75	0.001	-2.5	2.5	PASS
Band 25	3	26055	15	#0	QPSK	NV	20	-11.57	-0.006	-2.5	2.5	PASS
Band 25	3	26055	15	#0	QPSK	NV	30	-23.92	-0.013	-2.5	2.5	PASS
Band 25	3	26055	15	#0	QPSK	NV	40	-39.17	-0.021	-2.5	2.5	PASS
Band 25	3	26055	15	#0	QPSK	NV	50	-33.42	-0.018	-2.5	2.5	PASS
Band 25	3	26055	15	#0	16QAM	NV	-30	-29.91	-0.016	-2.5	2.5	PASS
Band 25	3	26055	15	#0	16QAM	NV	-20	-43.12	-0.023	-2.5	2.5	PASS
Band 25	3	26055	15	#0	16QAM	NV	0	7.58	0.004	-2.5	2.5	PASS
Band 25	3	26055	15	#0	16QAM	NV	10	-4.05	-0.002	-2.5	2.5	PASS
Band 25	3	26055	15	#0	16QAM	NV	20	-17.82	-0.010	-2.5	2.5	PASS



Band 25	3	26055	15	#0	16QAM	NV	30	-26.32	-0.014	-2.5	2.5	PASS
Band 25	3	26055	15	#0	16QAM	NV	40	-39.11	-0.021	-2.5	2.5	PASS
Band 25	3	26055	15	#0	16QAM	NV	50	-26.14	-0.014	-2.5	2.5	PASS
Band 25	3	26365	15	#0	QPSK	NV	-30	-34.20	-0.018	-2.5	2.5	PASS
Band 25	3	26365	15	#0	QPSK	NV	-20	-56.81	-0.030	-2.5	2.5	PASS
Band 25	3	26365	15	#0	QPSK	NV	0	-17.15	-0.009	-2.5	2.5	PASS
Band 25	3	26365	15	#0	QPSK	NV	10	-39.30	-0.021	-2.5	2.5	PASS
Band 25	3	26365	15	#0	QPSK	NV	20	-23.95	-0.013	-2.5	2.5	PASS
Band 25	3	26365	15	#0	QPSK	NV	30	-44.57	-0.024	-2.5	2.5	PASS
Band 25	3	26365	15	#0	QPSK	NV	40	-2.02	-0.001	-2.5	2.5	PASS
Band 25	3	26365	15	#0	QPSK	NV	50	-24.15	-0.013	-2.5	2.5	PASS
Band 25	3	26365	15	#0	16QAM	NV	-30	-47.58	-0.025	-2.5	2.5	PASS
Band 25	3	26365	15	#0	16QAM	NV	-20	-27.82	-0.015	-2.5	2.5	PASS
Band 25	3	26365	15	#0	16QAM	NV	0	-41.90	-0.022	-2.5	2.5	PASS
Band 25	3	26365	15	#0	16QAM	NV	10	6.14	0.003	-2.5	2.5	PASS
Band 25	3	26365	15	#0	16QAM	NV	20	-9.60	-0.005	-2.5	2.5	PASS
Band 25	3	26365	15	#0	16QAM	NV	30	-24.12	-0.013	-2.5	2.5	PASS
Band 25	3	26365	15	#0	16QAM	NV	40	-39.07	-0.021	-2.5	2.5	PASS
Band 25	3	26365	15	#0	16QAM	NV	50	-14.65	-0.008	-2.5	2.5	PASS
Band 25	3	26675	15	#0	QPSK	NV	-30	7.37	0.004	-2.5	2.5	PASS
Band 25	3	26675	15	#0	QPSK	NV	-20	2.25	0.001	-2.5	2.5	PASS
Band 25	3	26675	15	#0	QPSK	NV	0	-12.22	-0.006	-2.5	2.5	PASS



Band 25	3	26675	15	#0	QPSK	NV	10	-22.52	-0.012	-2.5	2.5	PASS
Band 25	3	26675	15	#0	QPSK	NV	20	-38.51	-0.020	-2.5	2.5	PASS
Band 25	3	26675	15	#0	QPSK	NV	30	-50.67	-0.026	-2.5	2.5	PASS
Band 25	3	26675	15	#0	QPSK	NV	40	-15.78	-0.008	-2.5	2.5	PASS
Band 25	3	26675	15	#0	QPSK	NV	50	-31.36	-0.016	-2.5	2.5	PASS
Band 25	3	26675	15	#0	16QAM	NV	-30	-0.20	0.000	-2.5	2.5	PASS
Band 25	3	26675	15	#0	16QAM	NV	-20	-12.90	-0.007	-2.5	2.5	PASS
Band 25	3	26675	15	#0	16QAM	NV	0	-19.50	-0.010	-2.5	2.5	PASS
Band 25	3	26675	15	#0	16QAM	NV	10	-29.74	-0.016	-2.5	2.5	PASS
Band 25	3	26675	15	#0	16QAM	NV	20	-39.35	-0.021	-2.5	2.5	PASS
Band 25	3	26675	15	#0	16QAM	NV	30	-48.88	-0.026	-2.5	2.5	PASS
Band 25	3	26675	15	#0	16QAM	NV	40	-6.01	-0.003	-2.5	2.5	PASS
Band 25	3	26675	15	#0	16QAM	NV	50	-12.63	-0.007	-2.5	2.5	PASS
Band 25	5	26065	25	#0	QPSK	NV	-30	41.48	0.022	-2.5	2.5	PASS
Band 25	5	26065	25	#0	QPSK	NV	-20	27.32	0.015	-2.5	2.5	PASS
Band 25	5	26065	25	#0	QPSK	NV	0	18.41	0.010	-2.5	2.5	PASS
Band 25	5	26065	25	#0	QPSK	NV	10	12.00	0.006	-2.5	2.5	PASS
Band 25	5	26065	25	#0	QPSK	NV	20	4.32	0.002	-2.5	2.5	PASS
Band 25	5	26065	25	#0	QPSK	NV	30	-6.57	-0.004	-2.5	2.5	PASS
Band 25	5	26065	25	#0	QPSK	NV	40	-16.32	-0.009	-2.5	2.5	PASS
Band 25	5	26065	25	#0	QPSK	NV	50	-29.84	-0.016	-2.5	2.5	PASS
Band 25	5	26065	25	#0	16QAM	NV	-30	-44.17	-0.024	-2.5	2.5	PASS



Band 25	5	26065	25	#0	16QAM	NV	-20	10.26	0.006	-2.5	2.5	PASS
Band 25	5	26065	25	#0	16QAM	NV	0	2.25	0.001	-2.5	2.5	PASS
Band 25	5	26065	25	#0	16QAM	NV	10	-5.81	-0.003	-2.5	2.5	PASS
Band 25	5	26065	25	#0	16QAM	NV	20	-12.49	-0.007	-2.5	2.5	PASS
Band 25	5	26065	25	#0	16QAM	NV	30	-18.07	-0.010	-2.5	2.5	PASS
Band 25	5	26065	25	#0	16QAM	NV	40	-23.88	-0.013	-2.5	2.5	PASS
Band 25	5	26065	25	#0	16QAM	NV	50	-32.80	-0.018	-2.5	2.5	PASS
Band 25	5	26365	25	#0	QPSK	NV	-30	7.17	0.004	-2.5	2.5	PASS
Band 25	5	26365	25	#0	QPSK	NV	-20	-5.54	-0.003	-2.5	2.5	PASS
Band 25	5	26365	25	#0	QPSK	NV	0	-19.08	-0.010	-2.5	2.5	PASS
Band 25	5	26365	25	#0	QPSK	NV	10	-32.64	-0.017	-2.5	2.5	PASS
Band 25	5	26365	25	#0	QPSK	NV	20	-26.97	-0.014	-2.5	2.5	PASS
Band 25	5	26365	25	#0	QPSK	NV	30	-21.04	-0.011	-2.5	2.5	PASS
Band 25	5	26365	25	#0	QPSK	NV	40	-34.32	-0.018	-2.5	2.5	PASS
Band 25	5	26365	25	#0	QPSK	NV	50	-47.76	-0.025	-2.5	2.5	PASS
Band 25	5	26365	25	#0	16QAM	NV	-30	0.73	0.000	-2.5	2.5	PASS
Band 25	5	26365	25	#0	16QAM	NV	-20	-5.74	-0.003	-2.5	2.5	PASS
Band 25	5	26365	25	#0	16QAM	NV	0	-10.74	-0.006	-2.5	2.5	PASS
Band 25	5	26365	25	#0	16QAM	NV	10	-17.75	-0.009	-2.5	2.5	PASS
Band 25	5	26365	25	#0	16QAM	NV	20	-22.73	-0.012	-2.5	2.5	PASS
Band 25	5	26365	25	#0	16QAM	NV	30	-30.40	-0.016	-2.5	2.5	PASS
Band 25	5	26365	25	#0	16QAM	NV	40	-34.45	-0.018	-2.5	2.5	PASS



Band 25	5	26365	25	#0	16QAM	NV	50	-39.57	-0.021	-2.5	2.5	PASS
Band 25	5	26665	25	#0	QPSK	NV	-30	-0.17	0.000	-2.5	2.5	PASS
Band 25	5	26665	25	#0	QPSK	NV	-20	-10.74	-0.006	-2.5	2.5	PASS
Band 25	5	26665	25	#0	QPSK	NV	0	-24.70	-0.013	-2.5	2.5	PASS
Band 25	5	26665	25	#0	QPSK	NV	10	-33.82	-0.018	-2.5	2.5	PASS
Band 25	5	26665	25	#0	QPSK	NV	20	-45.53	-0.024	-2.5	2.5	PASS
Band 25	5	26665	25	#0	QPSK	NV	30	-5.29	-0.003	-2.5	2.5	PASS
Band 25	5	26665	25	#0	QPSK	NV	40	-20.00	-0.010	-2.5	2.5	PASS
Band 25	5	26665	25	#0	QPSK	NV	50	-33.66	-0.018	-2.5	2.5	PASS
Band 25	5	26665	25	#0	16QAM	NV	-30	-14.85	-0.008	-2.5	2.5	PASS
Band 25	5	26665	25	#0	16QAM	NV	-20	-27.01	-0.014	-2.5	2.5	PASS
Band 25	5	26665	25	#0	16QAM	NV	0	-35.53	-0.019	-2.5	2.5	PASS
Band 25	5	26665	25	#0	16QAM	NV	10	-44.19	-0.023	-2.5	2.5	PASS
Band 25	5	26665	25	#0	16QAM	NV	20	-17.42	-0.009	-2.5	2.5	PASS
Band 25	5	26665	25	#0	16QAM	NV	30	-23.03	-0.012	-2.5	2.5	PASS
Band 25	5	26665	25	#0	16QAM	NV	40	-28.98	-0.015	-2.5	2.5	PASS
Band 25	5	26665	25	#0	16QAM	NV	50	-34.56	-0.018	-2.5	2.5	PASS
Band 25	10	26090	50	#0	QPSK	NV	-30	33.00	0.018	-2.5	2.5	PASS
Band 25	10	26090	50	#0	QPSK	NV	-20	21.64	0.012	-2.5	2.5	PASS
Band 25	10	26090	50	#0	QPSK	NV	0	16.12	0.009	-2.5	2.5	PASS
Band 25	10	26090	50	#0	QPSK	NV	10	9.60	0.005	-2.5	2.5	PASS
Band 25	10	26090	50	#0	QPSK	NV	20	3.56	0.002	-2.5	2.5	PASS



Band 25	10	26090	50	#0	QPSK	NV	30	-5.87	-0.003	-2.5	2.5	PASS
Band 25	10	26090	50	#0	QPSK	NV	40	-13.09	-0.007	-2.5	2.5	PASS
Band 25	10	26090	50	#0	QPSK	NV	50	-28.08	-0.015	-2.5	2.5	PASS
Band 25	10	26090	50	#0	16QAM	NV	-30	-39.54	-0.021	-2.5	2.5	PASS
Band 25	10	26090	50	#0	16QAM	NV	-20	-26.64	-0.014	-2.5	2.5	PASS
Band 25	10	26090	50	#0	16QAM	NV	0	-5.68	-0.003	-2.5	2.5	PASS
Band 25	10	26090	50	#0	16QAM	NV	10	-11.23	-0.006	-2.5	2.5	PASS
Band 25	10	26090	50	#0	16QAM	NV	20	-15.85	-0.009	-2.5	2.5	PASS
Band 25	10	26090	50	#0	16QAM	NV	30	-19.73	-0.011	-2.5	2.5	PASS
Band 25	10	26090	50	#0	16QAM	NV	40	-23.50	-0.013	-2.5	2.5	PASS
Band 25	10	26090	50	#0	16QAM	NV	50	-28.28	-0.015	-2.5	2.5	PASS
Band 25	10	26365	50	#0	QPSK	NV	-30	-15.31	-0.008	-2.5	2.5	PASS
Band 25	10	26365	50	#0	QPSK	NV	-20	-30.97	-0.016	-2.5	2.5	PASS
Band 25	10	26365	50	#0	QPSK	NV	0	-16.37	-0.009	-2.5	2.5	PASS
Band 25	10	26365	50	#0	QPSK	NV	10	-9.98	-0.005	-2.5	2.5	PASS
Band 25	10	26365	50	#0	QPSK	NV	20	-24.99	-0.013	-2.5	2.5	PASS
Band 25	10	26365	50	#0	QPSK	NV	30	-36.15	-0.019	-2.5	2.5	PASS
Band 25	10	26365	50	#0	QPSK	NV	40	-51.16	-0.027	-2.5	2.5	PASS
Band 25	10	26365	50	#0	QPSK	NV	50	-14.92	-0.008	-2.5	2.5	PASS
Band 25	10	26365	50	#0	16QAM	NV	-30	-32.56	-0.017	-2.5	2.5	PASS
Band 25	10	26365	50	#0	16QAM	NV	-20	-30.81	-0.016	-2.5	2.5	PASS
Band 25	10	26365	50	#0	16QAM	NV	0	2.03	0.001	-2.5	2.5	PASS



Band 25	10	26365	50	#0	16QAM	NV	10	-4.41	-0.002	-2.5	2.5	PASS
Band 25	10	26365	50	#0	16QAM	NV	20	-10.43	-0.006	-2.5	2.5	PASS
Band 25	10	26365	50	#0	16QAM	NV	30	-14.92	-0.008	-2.5	2.5	PASS
Band 25	10	26365	50	#0	16QAM	NV	40	-17.21	-0.009	-2.5	2.5	PASS
Band 25	10	26365	50	#0	16QAM	NV	50	-21.47	-0.011	-2.5	2.5	PASS
Band 25	10	26640	50	#0	QPSK	NV	-30	-2.32	-0.001	-2.5	2.5	PASS
Band 25	10	26640	50	#0	QPSK	NV	-20	-11.86	-0.006	-2.5	2.5	PASS
Band 25	10	26640	50	#0	QPSK	NV	0	-22.49	-0.012	-2.5	2.5	PASS
Band 25	10	26640	50	#0	QPSK	NV	10	-31.51	-0.016	-2.5	2.5	PASS
Band 25	10	26640	50	#0	QPSK	NV	20	-43.09	-0.023	-2.5	2.5	PASS
Band 25	10	26640	50	#0	QPSK	NV	30	9.41	0.005	-2.5	2.5	PASS
Band 25	10	26640	50	#0	QPSK	NV	40	-0.64	0.000	-2.5	2.5	PASS
Band 25	10	26640	50	#0	QPSK	NV	50	-15.02	-0.008	-2.5	2.5	PASS
Band 25	10	26640	50	#0	16QAM	NV	-30	-28.94	-0.015	-2.5	2.5	PASS
Band 25	10	26640	50	#0	16QAM	NV	-20	-34.10	-0.018	-2.5	2.5	PASS
Band 25	10	26640	50	#0	16QAM	NV	0	-36.44	-0.019	-2.5	2.5	PASS
Band 25	10	26640	50	#0	16QAM	NV	10	-38.09	-0.020	-2.5	2.5	PASS
Band 25	10	26640	50	#0	16QAM	NV	20	-37.25	-0.020	-2.5	2.5	PASS
Band 25	10	26640	50	#0	16QAM	NV	30	-37.29	-0.020	-2.5	2.5	PASS
Band 25	10	26640	50	#0	16QAM	NV	40	-38.15	-0.020	-2.5	2.5	PASS
Band 25	10	26640	50	#0	16QAM	NV	50	-38.50	-0.020	-2.5	2.5	PASS
Band 25	15	26115	75	#0	QPSK	NV	-30	21.17	0.011	-2.5	2.5	PASS



Band 25	15	26115	75	#0	QPSK	NV	-20	13.0 2	0.00 7	-2.5	2.5	PAS S
Band 25	15	26115	75	#0	QPSK	NV	0	12.3 5	0.00 7	-2.5	2.5	PAS S
Band 25	15	26115	75	#0	QPSK	NV	10	9.80	0.00 5	-2.5	2.5	PAS S
Band 25	15	26115	75	#0	QPSK	NV	20	0.06	0.00 0	-2.5	2.5	PAS S
Band 25	15	26115	75	#0	QPSK	NV	30	-8.8 7	-0.0 05	-2.5	2.5	PAS S
Band 25	15	26115	75	#0	QPSK	NV	40	-16. 08	-0.0 09	-2.5	2.5	PAS S
Band 25	15	26115	75	#0	QPSK	NV	50	-28. 71	-0.0 15	-2.5	2.5	PAS S
Band 25	15	26115	75	#0	16QAM	NV	-30	-41. 07	-0.0 22	-2.5	2.5	PAS S
Band 25	15	26115	75	#0	16QAM	NV	-20	-42. 27	-0.0 23	-2.5	2.5	PAS S
Band 25	15	26115	75	#0	16QAM	NV	0	-47.1 1	-0.0 25	-2.5	2.5	PAS S
Band 25	15	26115	75	#0	16QAM	NV	10	0.19	0.00 0	-2.5	2.5	PAS S
Band 25	15	26115	75	#0	16QAM	NV	20	-3.2 0	-0.0 02	-2.5	2.5	PAS S
Band 25	15	26115	75	#0	16QAM	NV	30	-4.0 5	-0.0 02	-2.5	2.5	PAS S
Band 25	15	26115	75	#0	16QAM	NV	40	-6.3 5	-0.0 03	-2.5	2.5	PAS S
Band 25	15	26115	75	#0	16QAM	NV	50	-4.1 5	-0.0 02	-2.5	2.5	PAS S
Band 25	15	26365	75	#0	QPSK	NV	-30	-8.7 4	-0.0 05	-2.5	2.5	PAS S
Band 25	15	26365	75	#0	QPSK	NV	-20	-28. 22	-0.0 15	-2.5	2.5	PAS S
Band 25	15	26365	75	#0	QPSK	NV	0	-21. 73	-0.0 12	-2.5	2.5	PAS S
Band 25	15	26365	75	#0	QPSK	NV	10	-3.2 9	-0.0 02	-2.5	2.5	PAS S
Band 25	15	26365	75	#0	QPSK	NV	20	-17. 62	-0.0 09	-2.5	2.5	PAS S
Band 25	15	26365	75	#0	QPSK	NV	30	-36. 92	-0.0 20	-2.5	2.5	PAS S
Band 25	15	26365	75	#0	QPSK	NV	40	-15. 69	-0.0 08	-2.5	2.5	PAS S



Band 25	15	26365	75	#0	QPSK	NV	50	-32.53	-0.017	-2.5	2.5	PASS
Band 25	15	26365	75	#0	16QAM	NV	-30	-51.68	-0.027	-2.5	2.5	PASS
Band 25	15	26365	75	#0	16QAM	NV	-20	7.62	0.004	-2.5	2.5	PASS
Band 25	15	26365	75	#0	16QAM	NV	0	-0.27	0.000	-2.5	2.5	PASS
Band 25	15	26365	75	#0	16QAM	NV	10	-1.53	-0.001	-2.5	2.5	PASS
Band 25	15	26365	75	#0	16QAM	NV	20	-0.46	0.000	-2.5	2.5	PASS
Band 25	15	26365	75	#0	16QAM	NV	30	2.60	0.001	-2.5	2.5	PASS
Band 25	15	26365	75	#0	16QAM	NV	40	1.72	0.001	-2.5	2.5	PASS
Band 25	15	26365	75	#0	16QAM	NV	50	3.99	0.002	-2.5	2.5	PASS
Band 25	15	26615	75	#0	QPSK	NV	-30	24.92	0.013	-2.5	2.5	PASS
Band 25	15	26615	75	#0	QPSK	NV	-20	22.56	0.012	-2.5	2.5	PASS
Band 25	15	26615	75	#0	QPSK	NV	0	22.40	0.012	-2.5	2.5	PASS
Band 25	15	26615	75	#0	QPSK	NV	10	16.48	0.009	-2.5	2.5	PASS
Band 25	15	26615	75	#0	QPSK	NV	20	14.15	0.007	-2.5	2.5	PASS
Band 25	15	26615	75	#0	QPSK	NV	30	11.10	0.006	-2.5	2.5	PASS
Band 25	15	26615	75	#0	QPSK	NV	40	4.19	0.002	-2.5	2.5	PASS
Band 25	15	26615	75	#0	QPSK	NV	50	-5.51	-0.003	-2.5	2.5	PASS
Band 25	15	26615	75	#0	16QAM	NV	-30	-11.37	-0.006	-2.5	2.5	PASS
Band 25	15	26615	75	#0	16QAM	NV	-20	-4.95	-0.003	-2.5	2.5	PASS
Band 25	15	26615	75	#0	16QAM	NV	0	5.14	0.003	-2.5	2.5	PASS
Band 25	15	26615	75	#0	16QAM	NV	10	10.06	0.005	-2.5	2.5	PASS
Band 25	15	26615	75	#0	16QAM	NV	20	18.70	0.010	-2.5	2.5	PASS

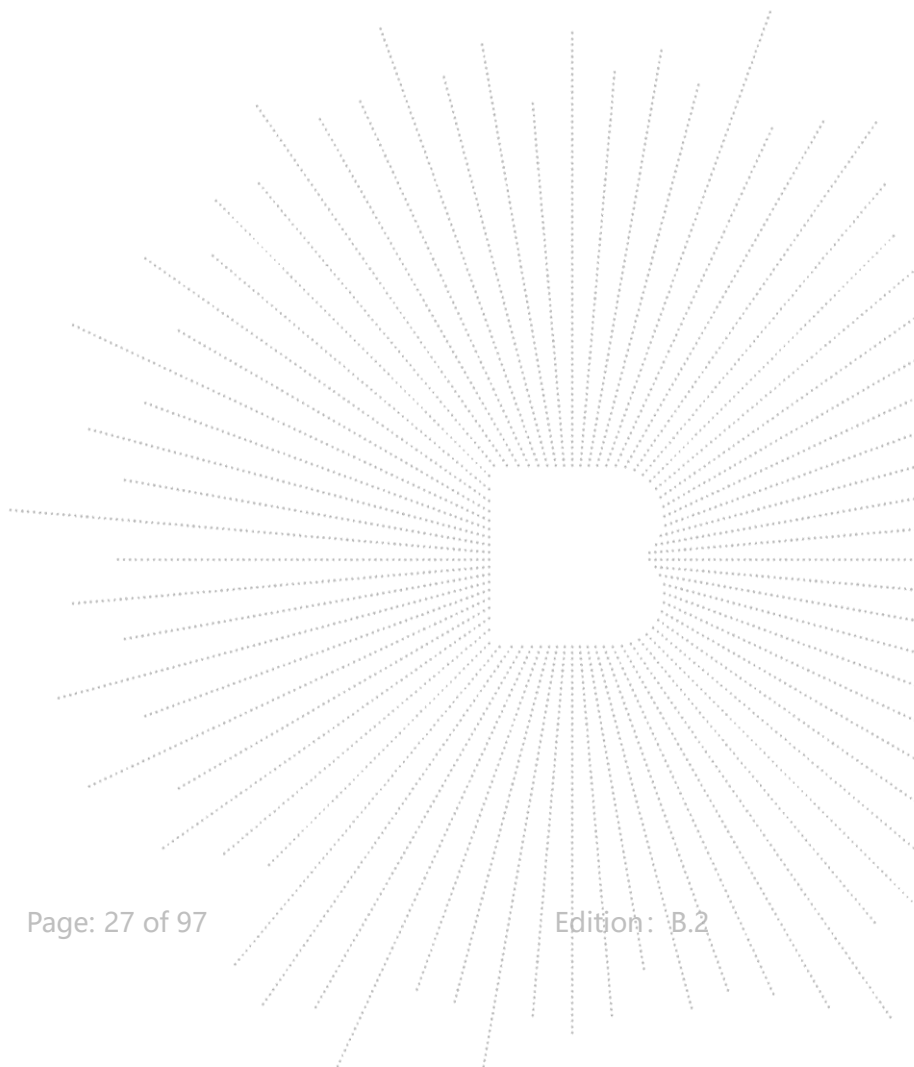


Band 25	15	26615	75	#0	16QAM	NV	30	27.34	0.014	-2.5	2.5	PASS
Band 25	15	26615	75	#0	16QAM	NV	40	35.63	0.019	-2.5	2.5	PASS
Band 25	15	26615	75	#0	16QAM	NV	50	35.73	0.019	-2.5	2.5	PASS
Band 25	20	26140	100	#0	QPSK	NV	-30	20.99	0.011	-2.5	2.5	PASS
Band 25	20	26140	100	#0	QPSK	NV	-20	33.89	0.018	-2.5	2.5	PASS
Band 25	20	26140	100	#0	QPSK	NV	0	29.24	0.016	-2.5	2.5	PASS
Band 25	20	26140	100	#0	QPSK	NV	10	8.97	0.005	-2.5	2.5	PASS
Band 25	20	26140	100	#0	QPSK	NV	20	-3.43	-0.002	-2.5	2.5	PASS
Band 25	20	26140	100	#0	QPSK	NV	30	-20.08	-0.011	-2.5	2.5	PASS
Band 25	20	26140	100	#0	QPSK	NV	40	-38.88	-0.021	-2.5	2.5	PASS
Band 25	20	26140	100	#0	QPSK	NV	50	-31.79	-0.017	-2.5	2.5	PASS
Band 25	20	26140	100	#0	16QAM	NV	-30	1.63	0.001	-2.5	2.5	PASS
Band 25	20	26140	100	#0	16QAM	NV	-20	-17.70	-0.010	-2.5	2.5	PASS
Band 25	20	26140	100	#0	16QAM	NV	0	-33.45	-0.018	-2.5	2.5	PASS
Band 25	20	26140	100	#0	16QAM	NV	10	-20.38	-0.011	-2.5	2.5	PASS
Band 25	20	26140	100	#0	16QAM	NV	20	-26.78	-0.014	-2.5	2.5	PASS
Band 25	20	26140	100	#0	16QAM	NV	30	-38.21	-0.021	-2.5	2.5	PASS
Band 25	20	26140	100	#0	16QAM	NV	40	-13.50	-0.007	-2.5	2.5	PASS
Band 25	20	26140	100	#0	16QAM	NV	50	-26.88	-0.014	-2.5	2.5	PASS
Band 25	20	26365	100	#0	QPSK	NV	-30	-10.51	-0.006	-2.5	2.5	PASS
Band 25	20	26365	100	#0	QPSK	NV	-20	-37.29	-0.020	-2.5	2.5	PASS
Band 25	20	26365	100	#0	QPSK	NV	0	-21.94	-0.012	-2.5	2.5	PASS



Band 25	20	26365	100	#0	QPSK	NV	10	-27.52	-0.015	-2.5	2.5	PASS
Band 25	20	26365	100	#0	QPSK	NV	20	-27.67	-0.015	-2.5	2.5	PASS
Band 25	20	26365	100	#0	QPSK	NV	30	-9.96	-0.005	-2.5	2.5	PASS
Band 25	20	26365	100	#0	QPSK	NV	40	-30.63	-0.016	-2.5	2.5	PASS
Band 25	20	26365	100	#0	QPSK	NV	50	-26.81	-0.014	-2.5	2.5	PASS
Band 25	20	26365	100	#0	16QAM	NV	-30	-6.49	-0.003	-2.5	2.5	PASS
Band 25	20	26365	100	#0	16QAM	NV	-20	-26.12	-0.014	-2.5	2.5	PASS
Band 25	20	26365	100	#0	16QAM	NV	0	-19.64	-0.010	-2.5	2.5	PASS
Band 25	20	26365	100	#0	16QAM	NV	10	-19.01	-0.010	-2.5	2.5	PASS
Band 25	20	26365	100	#0	16QAM	NV	20	-30.04	-0.016	-2.5	2.5	PASS
Band 25	20	26365	100	#0	16QAM	NV	30	-41.83	-0.022	-2.5	2.5	PASS
Band 25	20	26365	100	#0	16QAM	NV	40	-50.15	-0.027	-2.5	2.5	PASS
Band 25	20	26365	100	#0	16QAM	NV	50	6.77	0.004	-2.5	2.5	PASS
Band 25	20	26590	100	#0	QPSK	NV	-30	9.96	0.005	-2.5	2.5	PASS
Band 25	20	26590	100	#0	QPSK	NV	-20	7.68	0.004	-2.5	2.5	PASS
Band 25	20	26590	100	#0	QPSK	NV	0	1.10	0.001	-2.5	2.5	PASS
Band 25	20	26590	100	#0	QPSK	NV	10	-7.93	-0.004	-2.5	2.5	PASS
Band 25	20	26590	100	#0	QPSK	NV	20	-15.23	-0.008	-2.5	2.5	PASS
Band 25	20	26590	100	#0	QPSK	NV	30	-25.98	-0.014	-2.5	2.5	PASS
Band 25	20	26590	100	#0	QPSK	NV	40	-36.75	-0.019	-2.5	2.5	PASS
Band 25	20	26590	100	#0	QPSK	NV	50	-45.92	-0.024	-2.5	2.5	PASS
Band 25	20	26590	100	#0	16QAM	NV	-30	-3.05	-0.002	-2.5	2.5	PASS

Band 25	20	26590	10 0	#0	16QAM	NV	-20	-1.6 9	-0.0 01	-2.5	2.5	PAS S
Band 25	20	26590	10 0	#0	16QAM	NV	0	0.40	0.00 0	-2.5	2.5	PAS S
Band 25	20	26590	10 0	#0	16QAM	NV	10	3.56	0.00 2	-2.5	2.5	PAS S
Band 25	20	26590	10 0	#0	16QAM	NV	20	8.91	0.00 5	-2.5	2.5	PAS S
Band 25	20	26590	10 0	#0	16QAM	NV	30	15.7 5	0.00 8	-2.5	2.5	PAS S
Band 25	20	26590	10 0	#0	16QAM	NV	40	21.3 9	0.01 1	-2.5	2.5	PAS S
Band 25	20	26590	10 0	#0	16QAM	NV	50	25.0 2	0.01 3	-2.5	2.5	PAS S

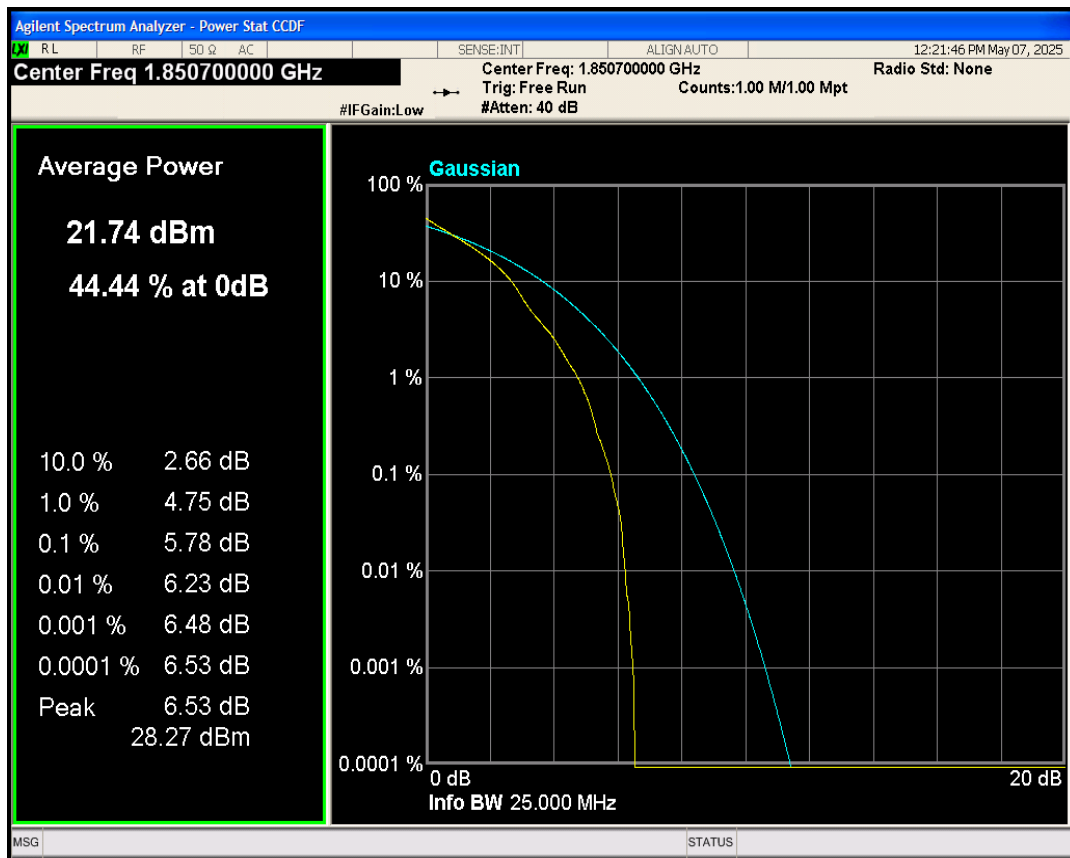


Appendix 3. Peak-to-Average Ratio

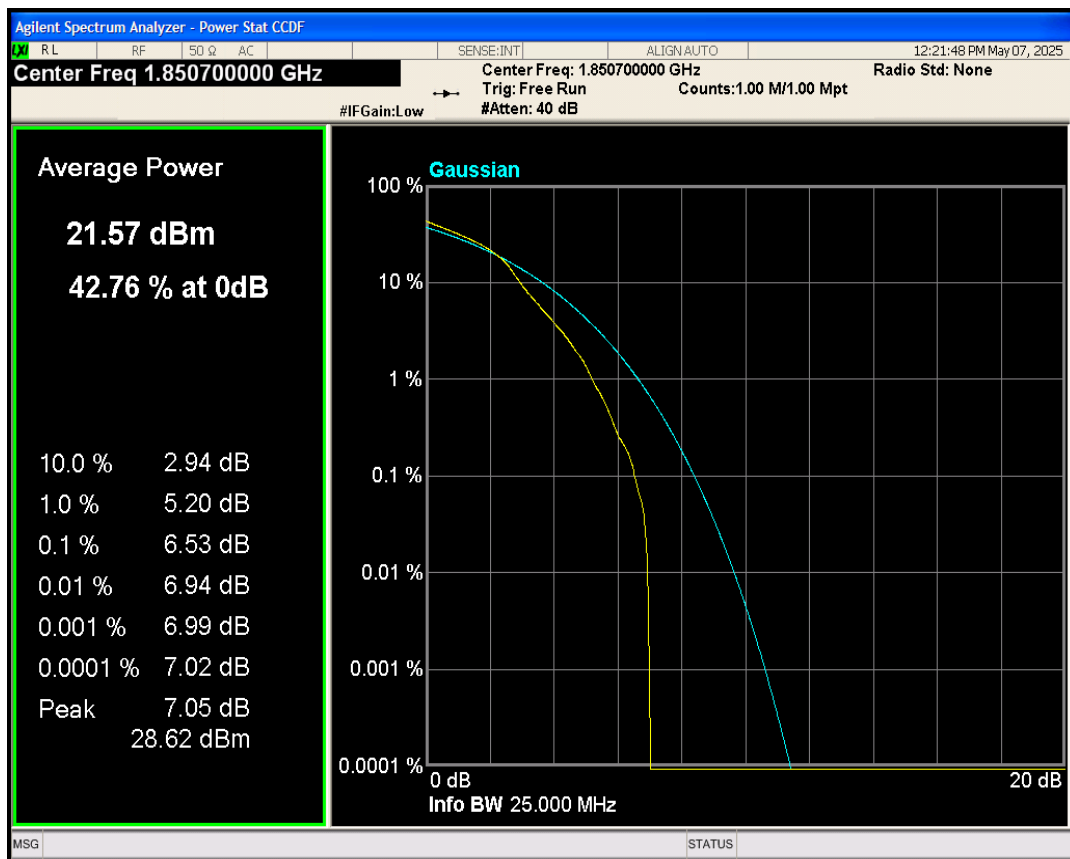
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
Band25	1.4	26047	1	#0	QPSK	5.78	13	PASS
Band25	1.4	26047	1	#0	16QAM	6.53	13	PASS
Band25	1.4	26365	1	#0	QPSK	5.49	13	PASS
Band25	1.4	26365	1	#0	16QAM	6.19	13	PASS
Band25	1.4	26683	1	#0	QPSK	3.51	13	PASS
Band25	1.4	26683	1	#0	16QAM	4.08	13	PASS
Band25	3	26055	1	#0	QPSK	5.86	13	PASS
Band25	3	26055	1	#0	16QAM	6.89	13	PASS
Band25	3	26365	1	#0	QPSK	5.73	13	PASS
Band25	3	26365	1	#0	16QAM	6.48	13	PASS
Band25	3	26675	1	#0	QPSK	4.29	13	PASS
Band25	3	26675	1	#0	16QAM	5.29	13	PASS
Band25	5	26065	1	#0	QPSK	6.33	13	PASS
Band25	5	26065	1	#0	16QAM	6.73	13	PASS
Band25	5	26365	1	#0	QPSK	5.51	13	PASS
Band25	5	26365	1	#0	16QAM	6.10	13	PASS
Band25	5	26665	1	#0	QPSK	5.19	13	PASS
Band25	5	26665	1	#0	16QAM	5.98	13	PASS
Band25	10	26090	1	#0	QPSK	5.85	13	PASS
Band25	10	26090	1	#0	16QAM	6.78	13	PASS
Band25	10	26365	1	#0	QPSK	5.64	13	PASS
Band25	10	26365	1	#0	16QAM	6.43	13	PASS
Band25	10	26640	1	#0	QPSK	4.77	13	PASS
Band25	10	26640	1	#0	16QAM	5.66	13	PASS
Band25	15	26115	1	#0	QPSK	5.86	13	PASS
Band25	15	26115	1	#0	16QAM	6.94	13	PASS
Band25	15	26365	1	#0	QPSK	5.40	13	PASS
Band25	15	26365	1	#0	16QAM	6.27	13	PASS
Band25	15	26615	1	#0	QPSK	4.83	13	PASS
Band25	15	26615	1	#0	16QAM	5.60	13	PASS
Band25	20	26140	1	#0	QPSK	5.73	13	PASS
Band25	20	26140	1	#0	16QAM	6.28	13	PASS
Band25	20	26365	1	#0	QPSK	5.22	13	PASS
Band25	20	26365	1	#0	16QAM	6.14	13	PASS
Band25	20	26590	1	#0	QPSK	4.98	13	PASS
Band25	20	26590	1	#0	16QAM	5.89	13	PASS



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

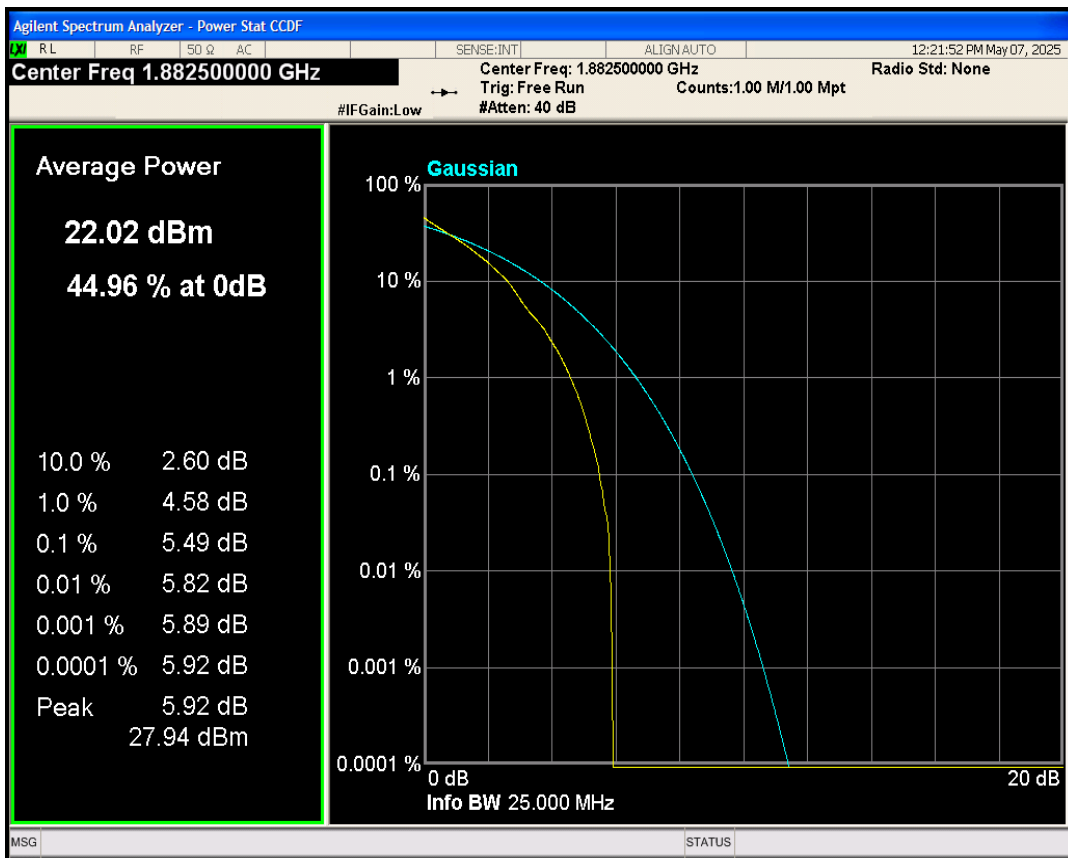


Band25 16QAM BW=1.4MHz Channel=26047 RB Size=1 Position=#0

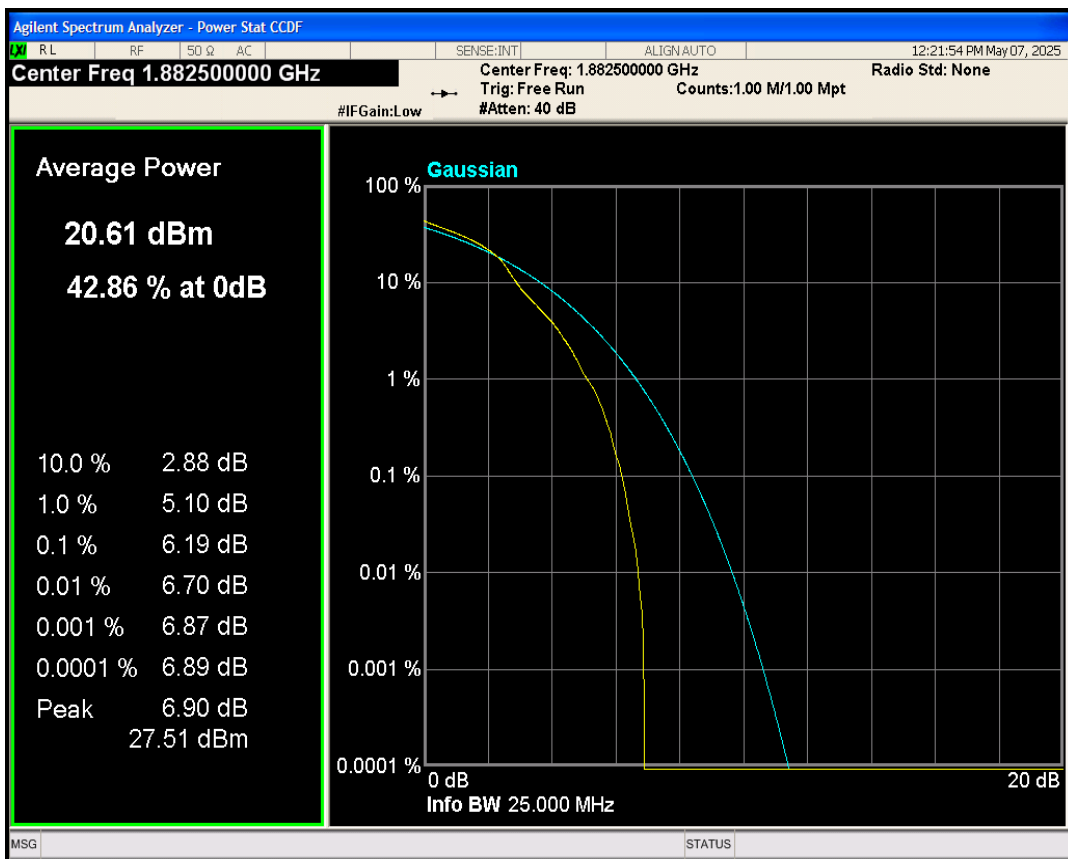




Band25 QPSK BW=1.4MHz Channel=26365 RB Size=1 Position=#0

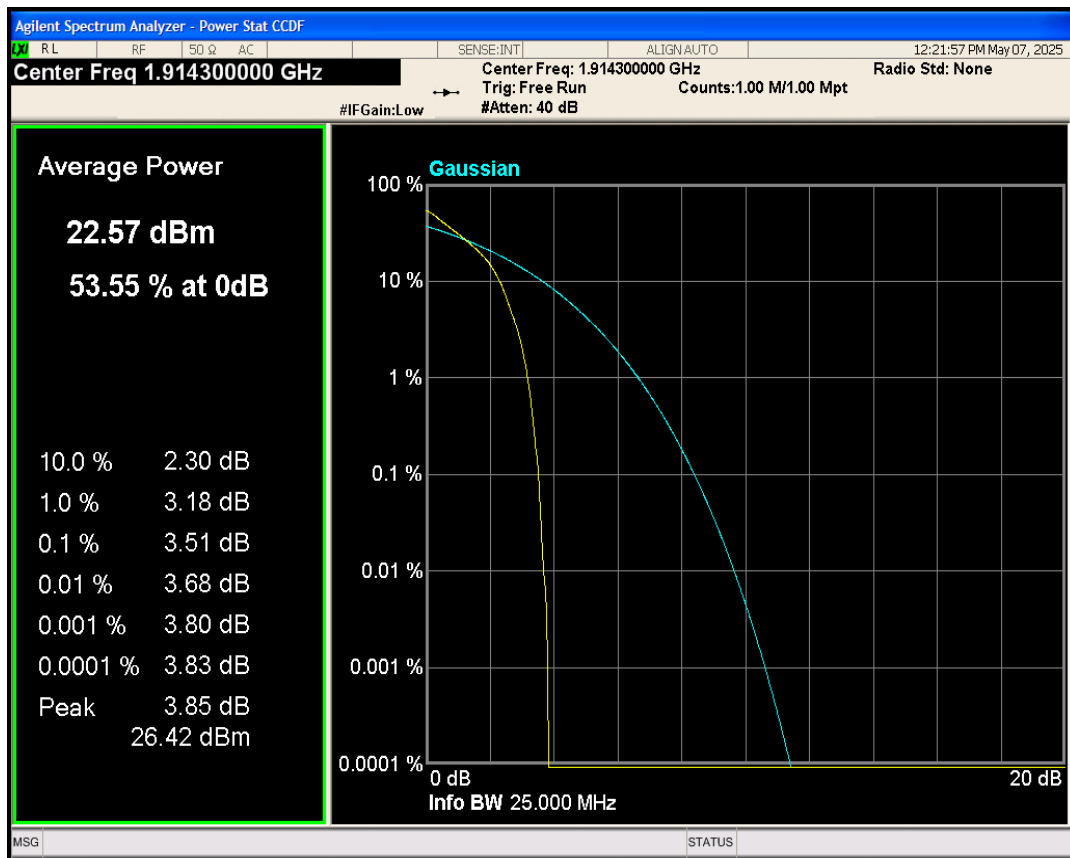


Band25 16QAM BW=1.4MHz Channel=26365 RB Size=1 Position=#0

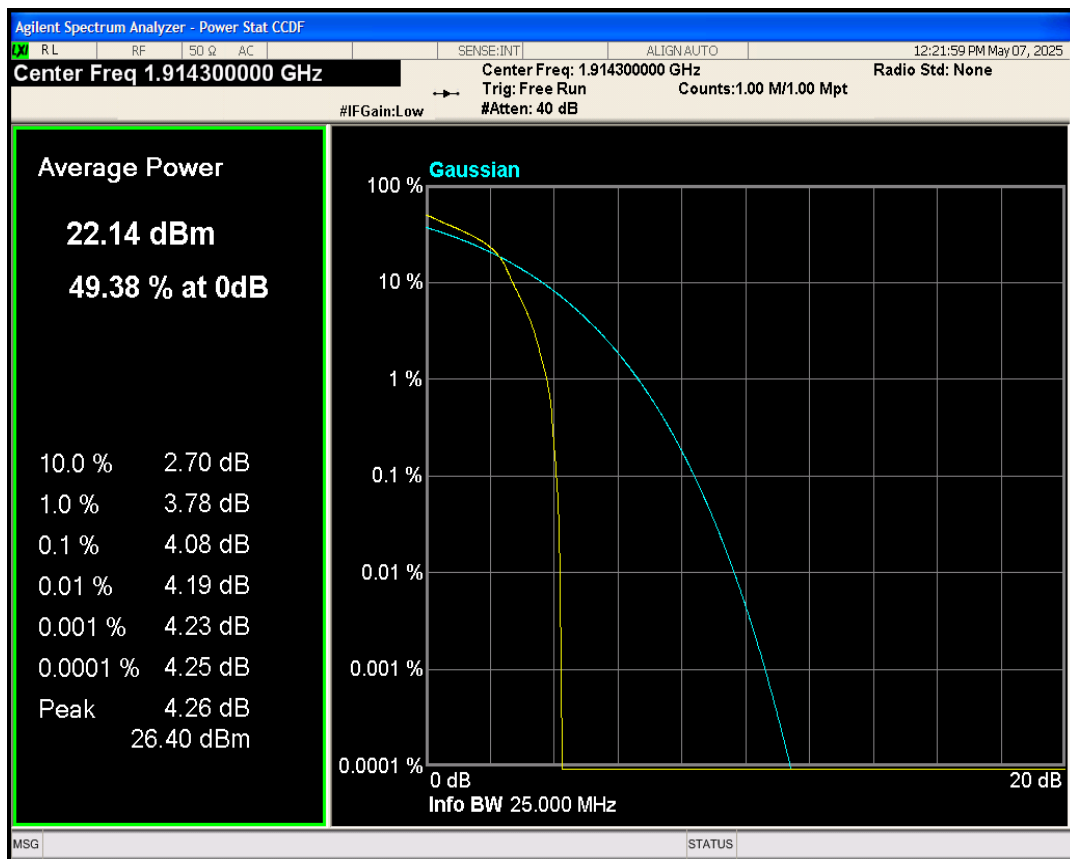




Band25 QPSK BW=1.4MHz Channel=26683 RB Size=1 Position=#0

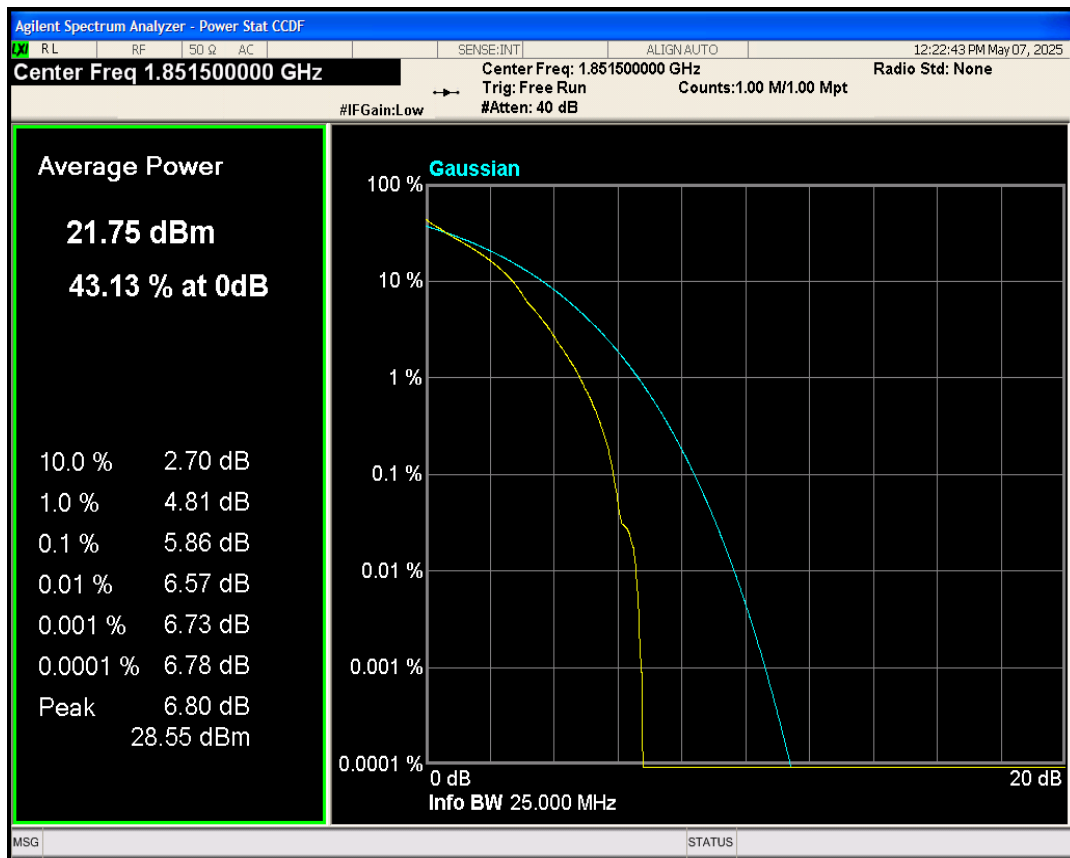


Band25 16QAM BW=1.4MHz Channel=26683 RB Size=1 Position=#0

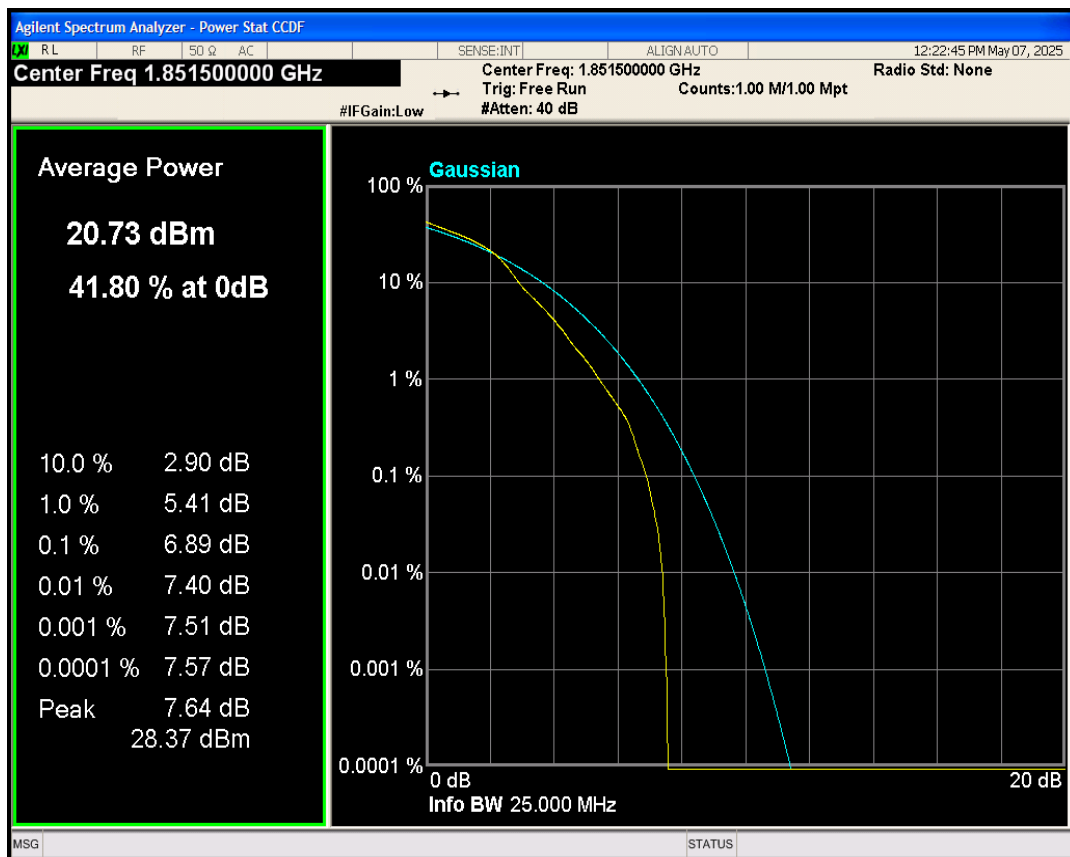




Band25 QPSK BW=3MHz Channel=26055 RB Size=1 Position=#0

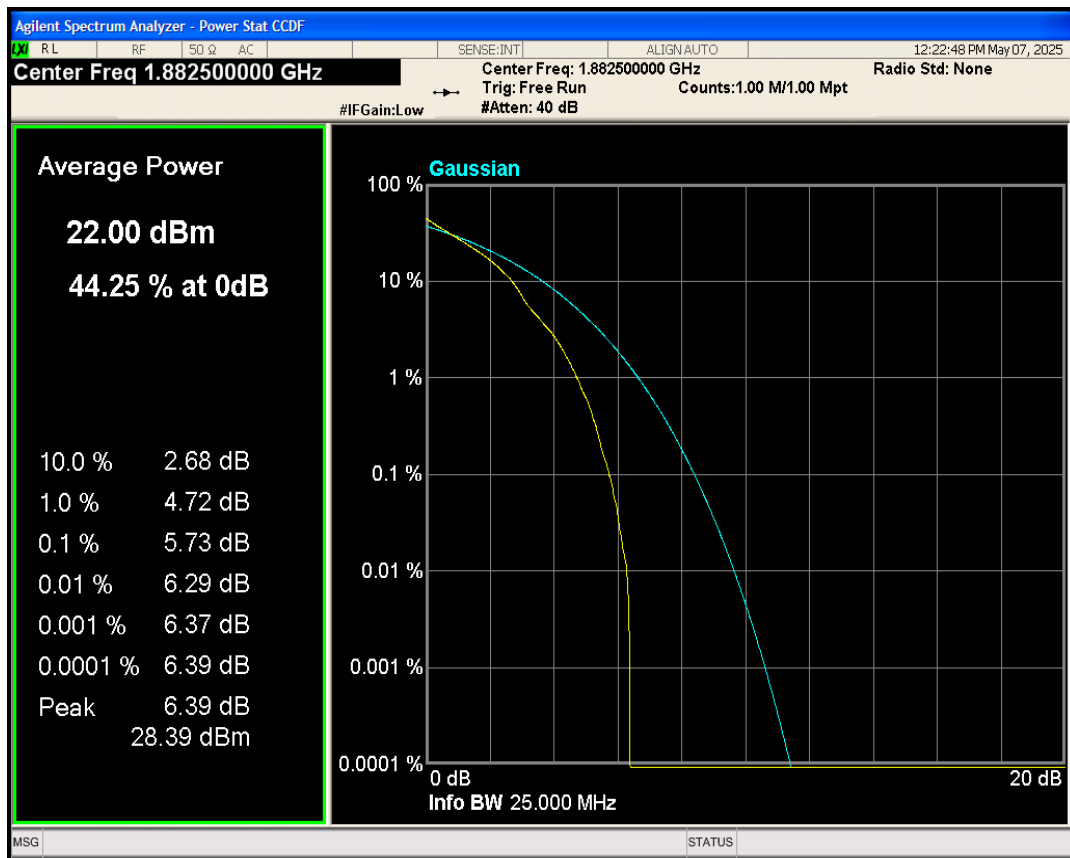


Band25 16QAM BW=3MHz Channel=26055 RB Size=1 Position=#0

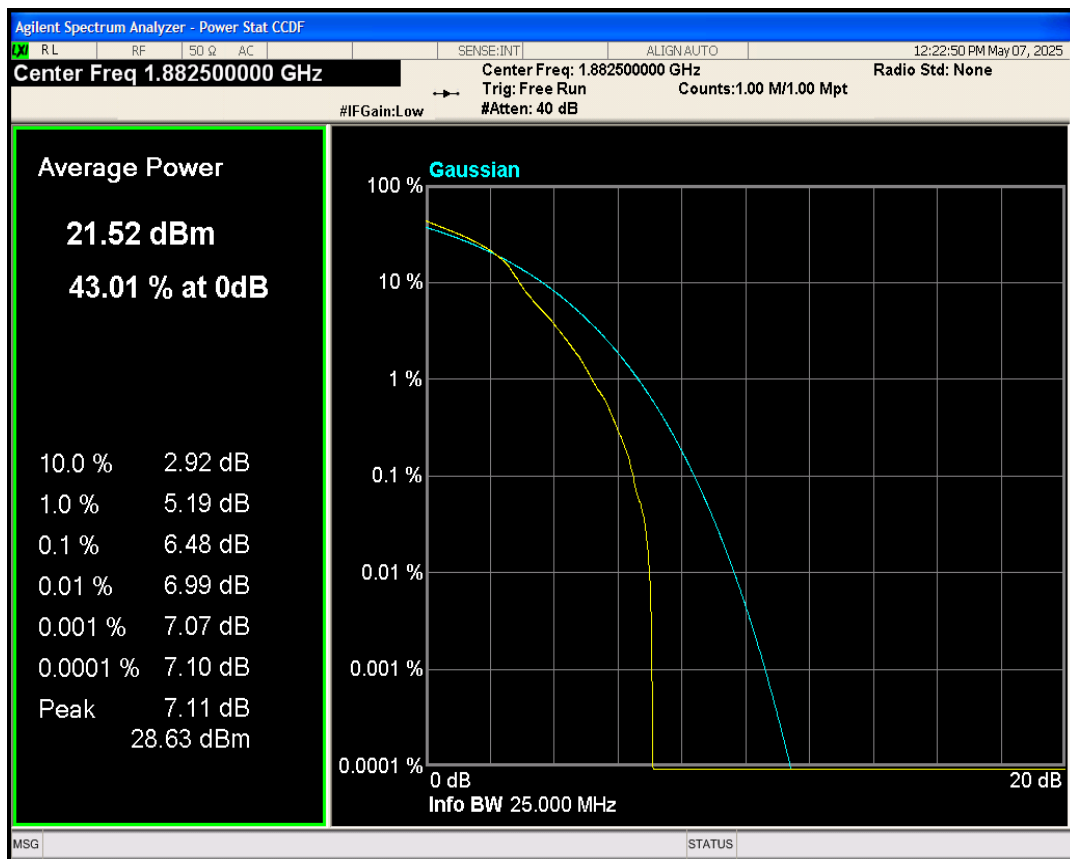




Band25 QPSK BW=3MHz Channel=26365 RB Size=1 Position=#0

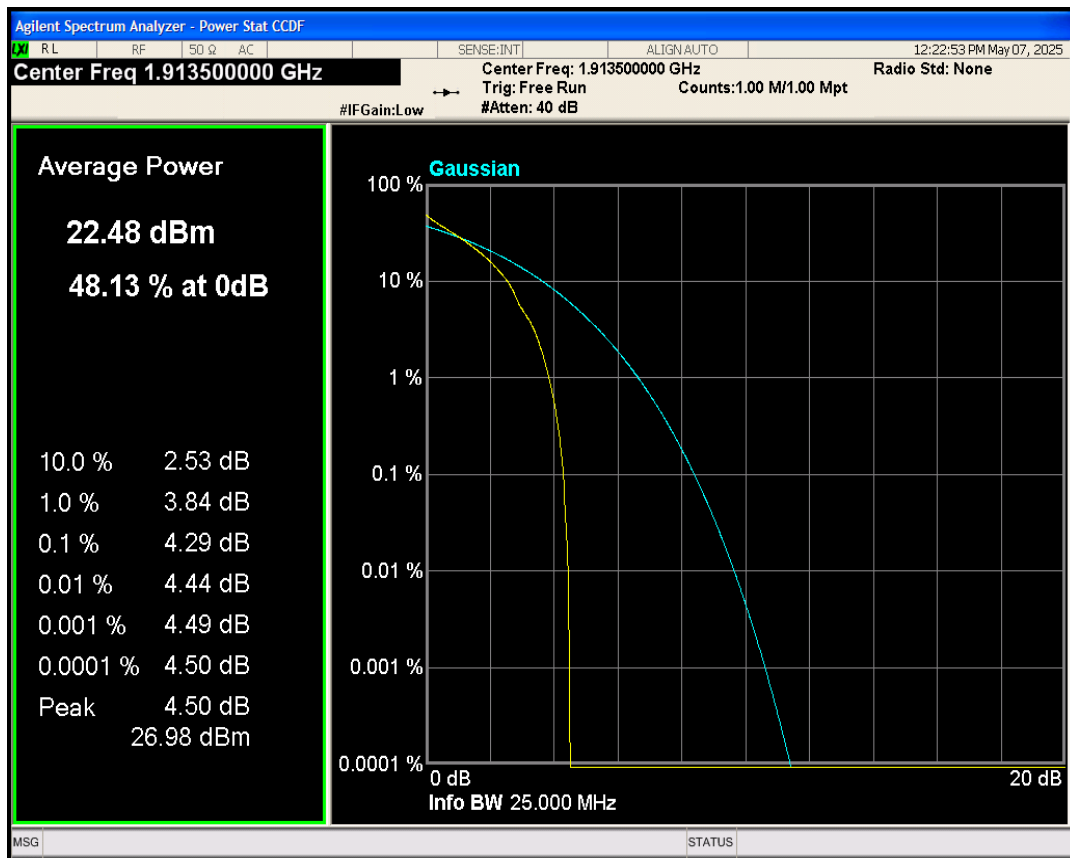


Band25 16QAM BW=3MHz Channel=26365 RB Size=1 Position=#0

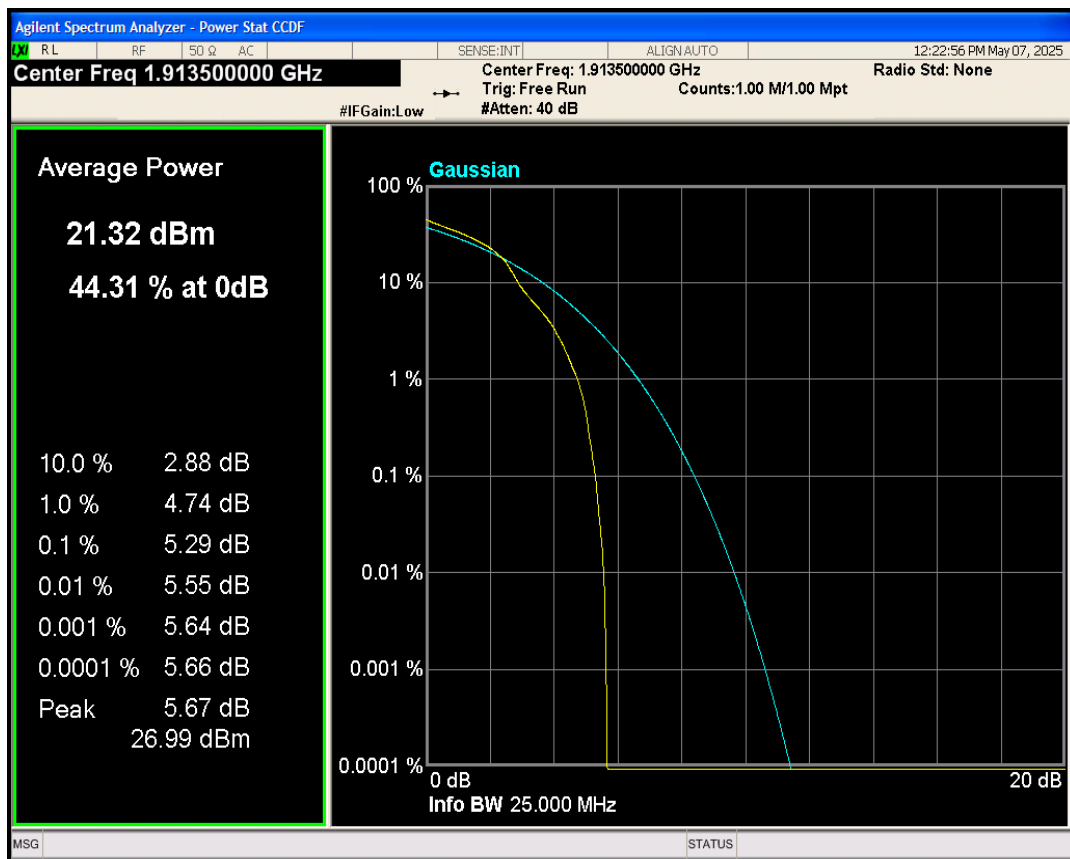




Band25 QPSK BW=3MHz Channel=26675 RB Size=1 Position=#0

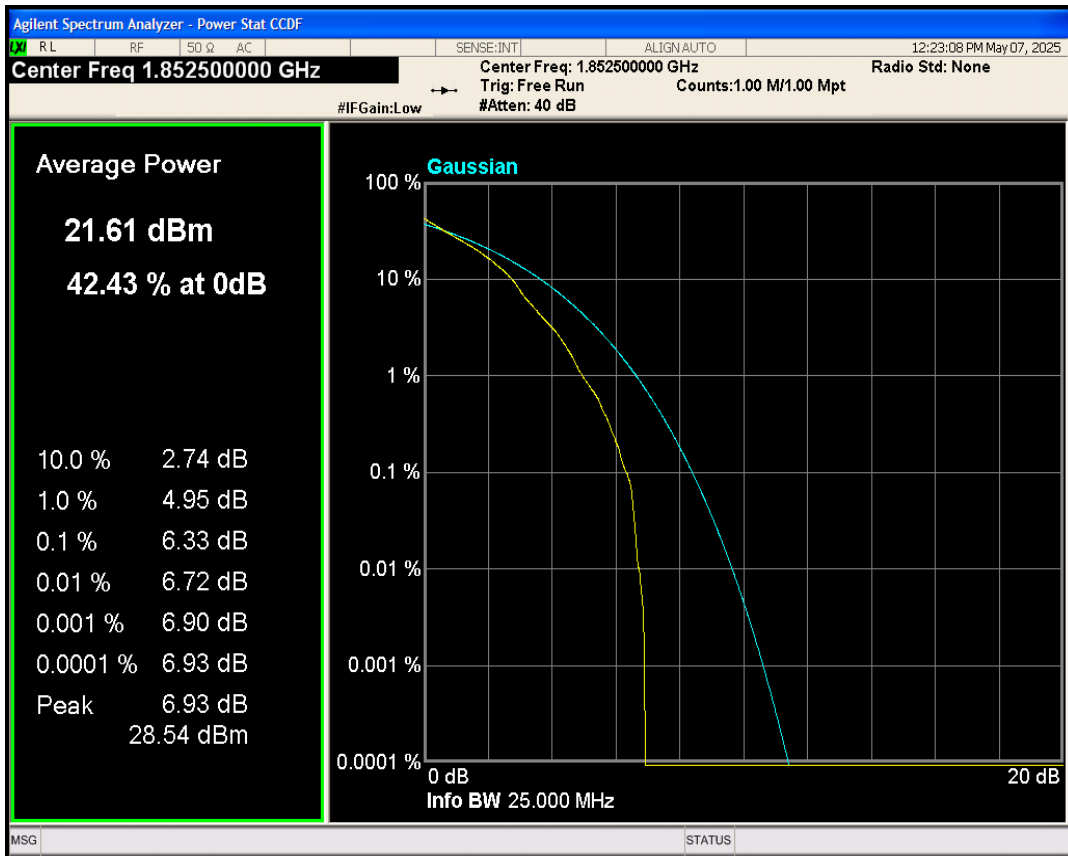


Band25 16QAM BW=3MHz Channel=26675 RB Size=1 Position=#0

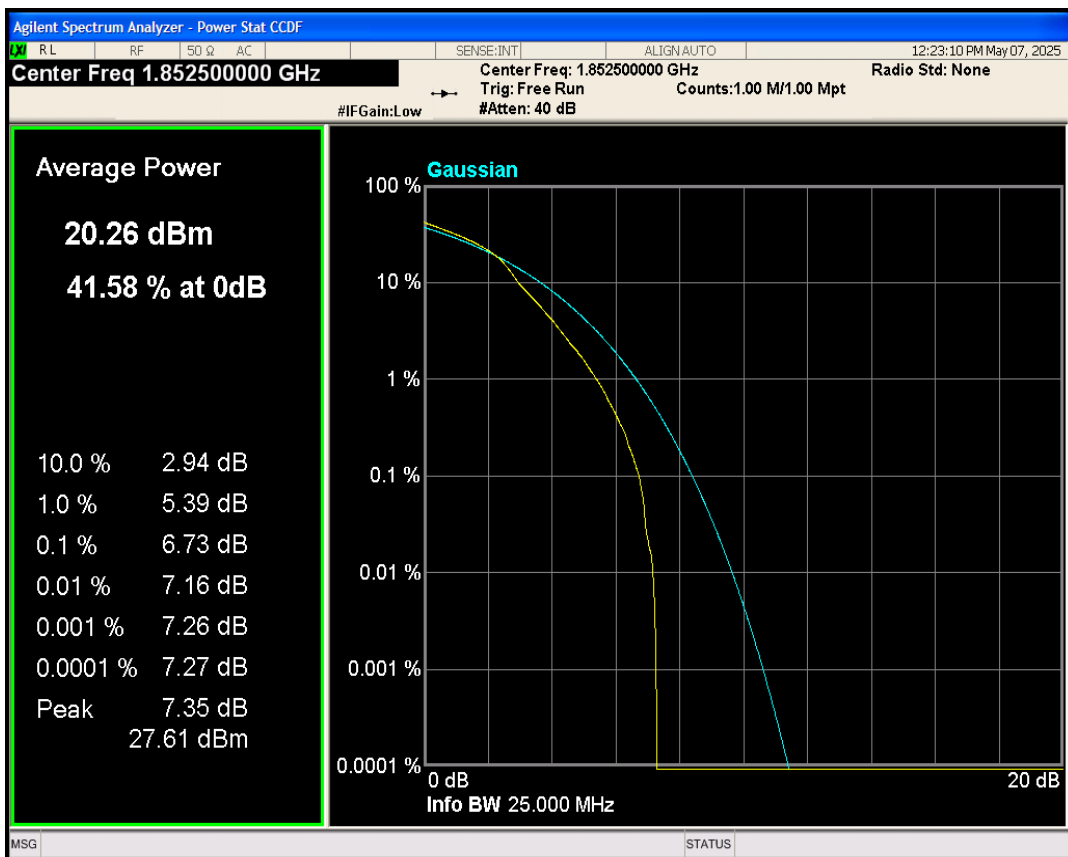




Band25 QPSK BW=5MHz Channel=26065 RB Size=1 Position=#0

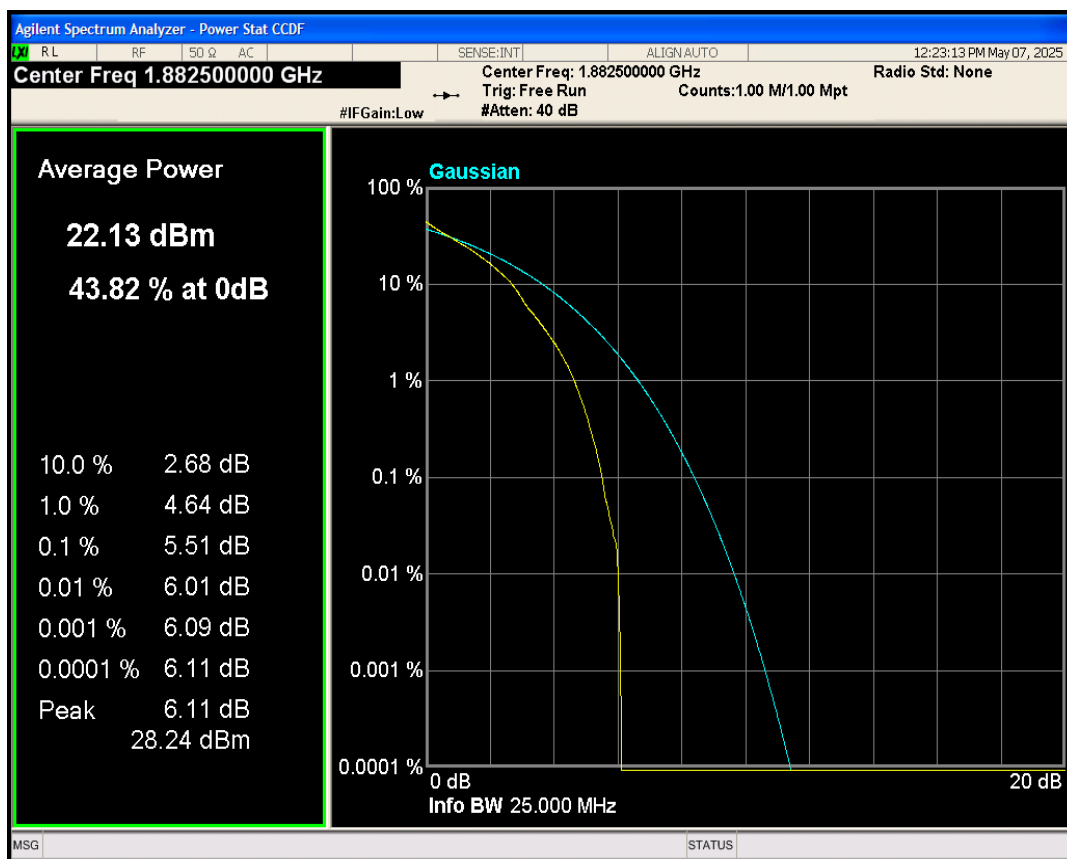


Band25 16QAM BW=5MHz Channel=26065 RB Size=1 Position=#0

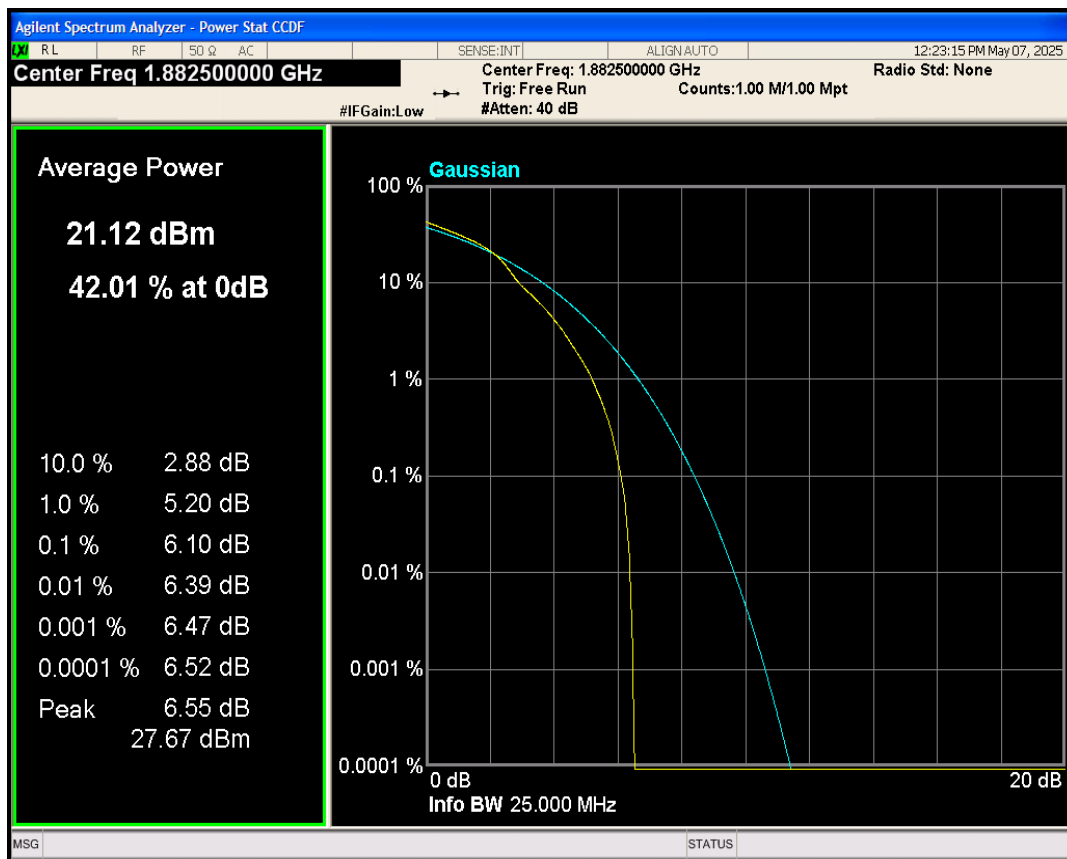




Band25 QPSK BW=5MHz Channel=26365 RB Size=1 Position=#0

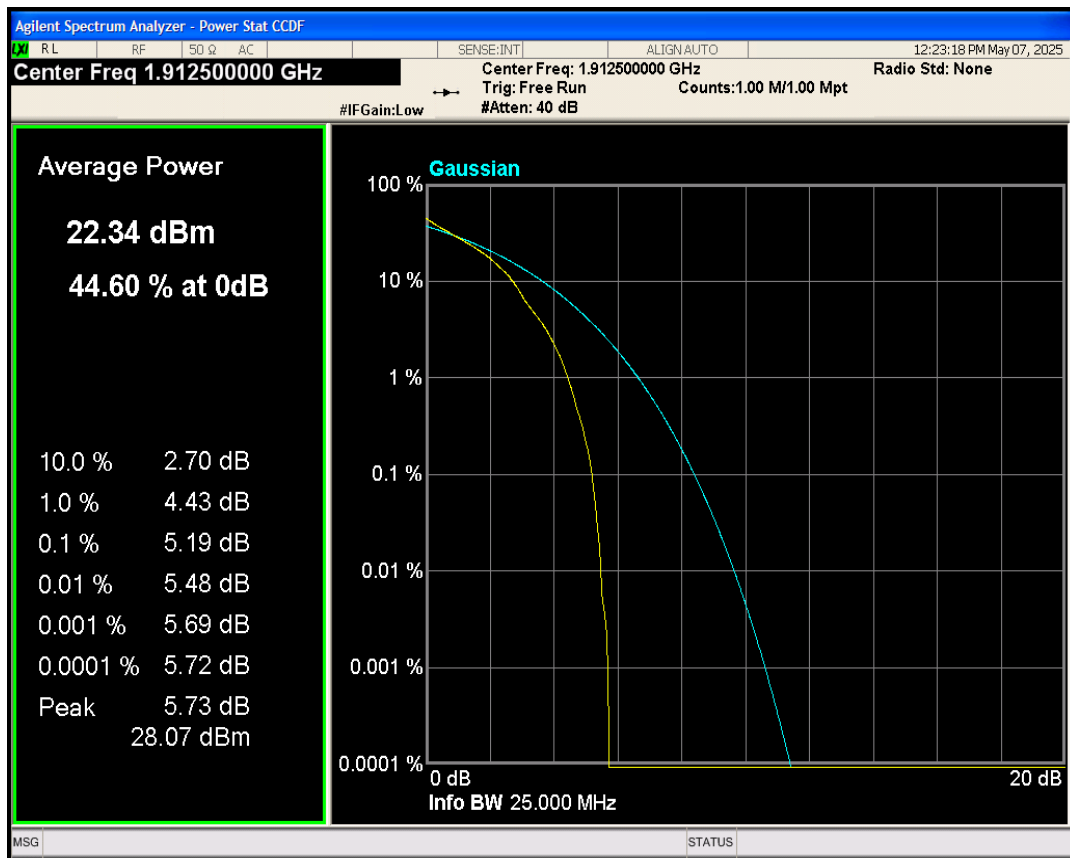


Band25 16QAM BW=5MHz Channel=26365 RB Size=1 Position=#0

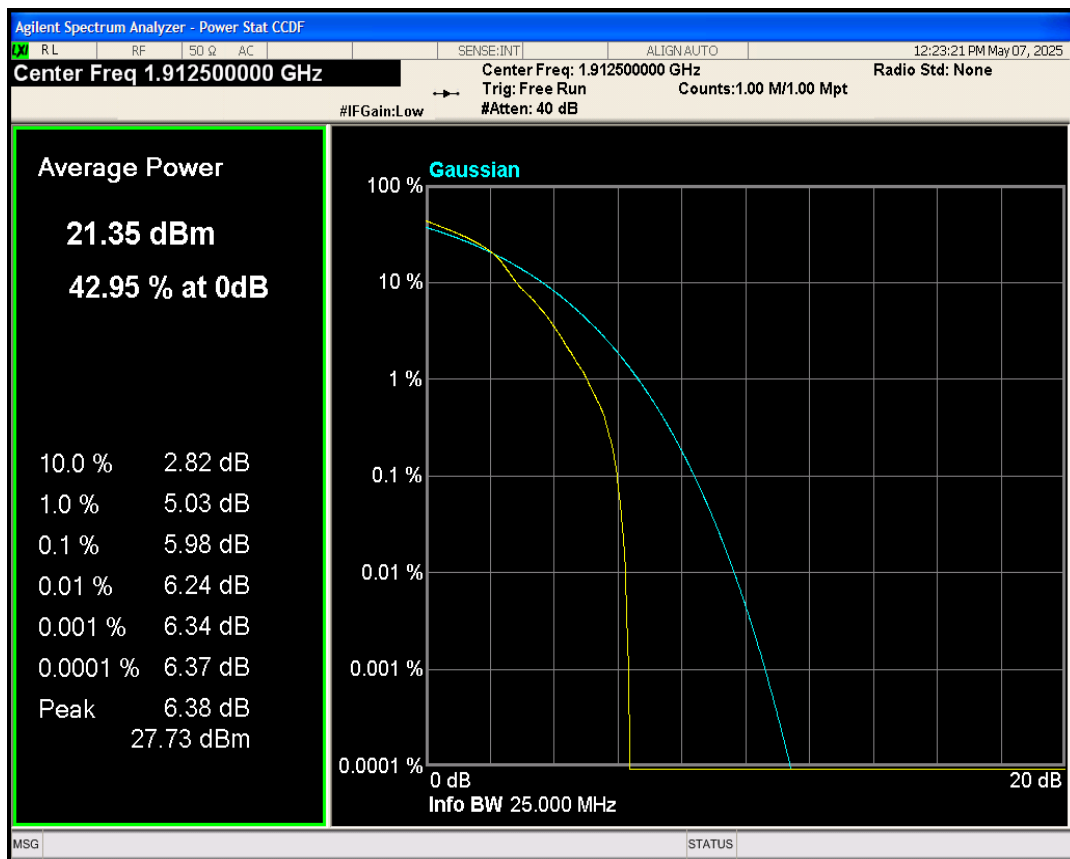




Band25 QPSK BW=5MHz Channel=26665 RB Size=1 Position=#0

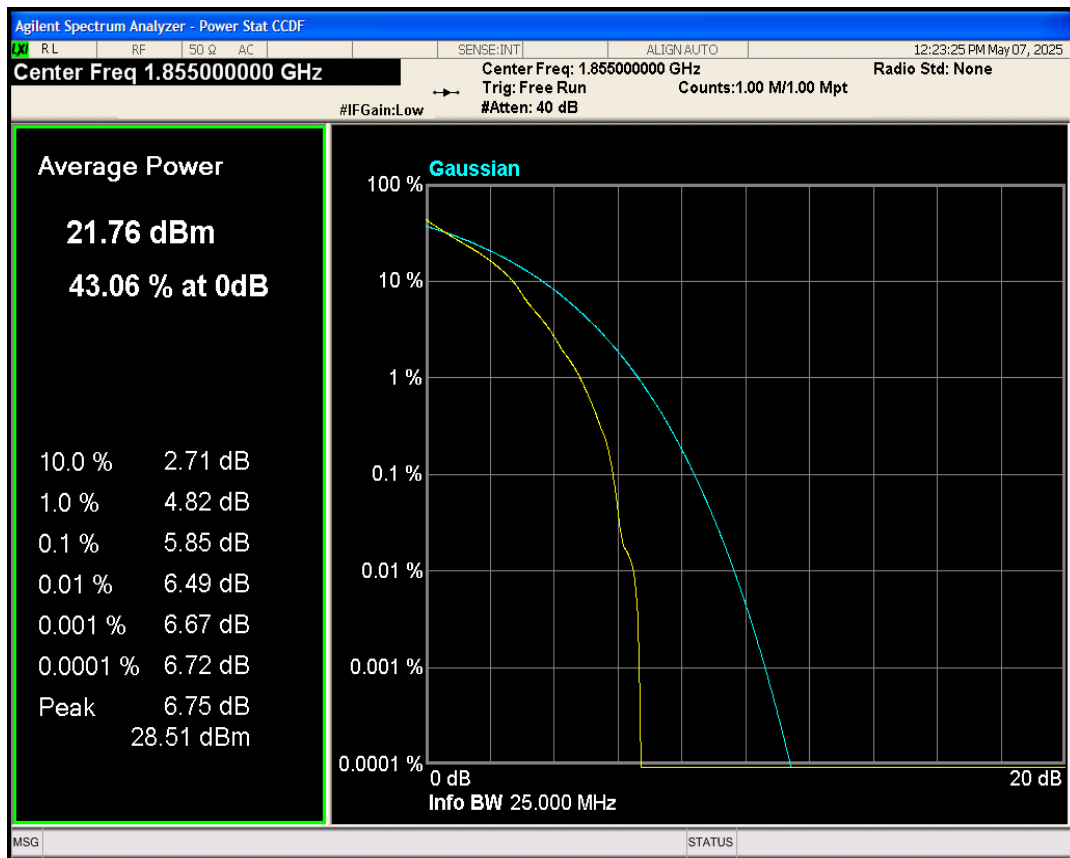


Band25 16QAM BW=5MHz Channel=26665 RB Size=1 Position=#0

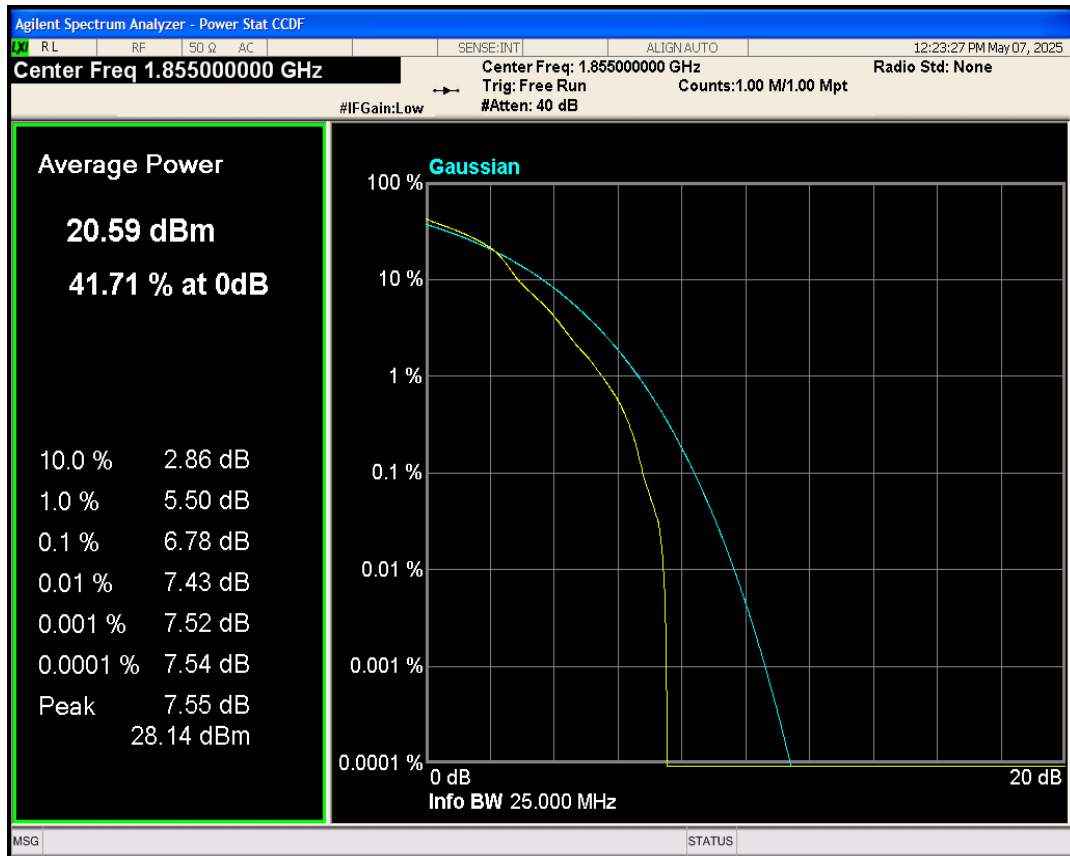




Band25 QPSK BW=10MHz Channel=26090 RB Size=1 Position=#0

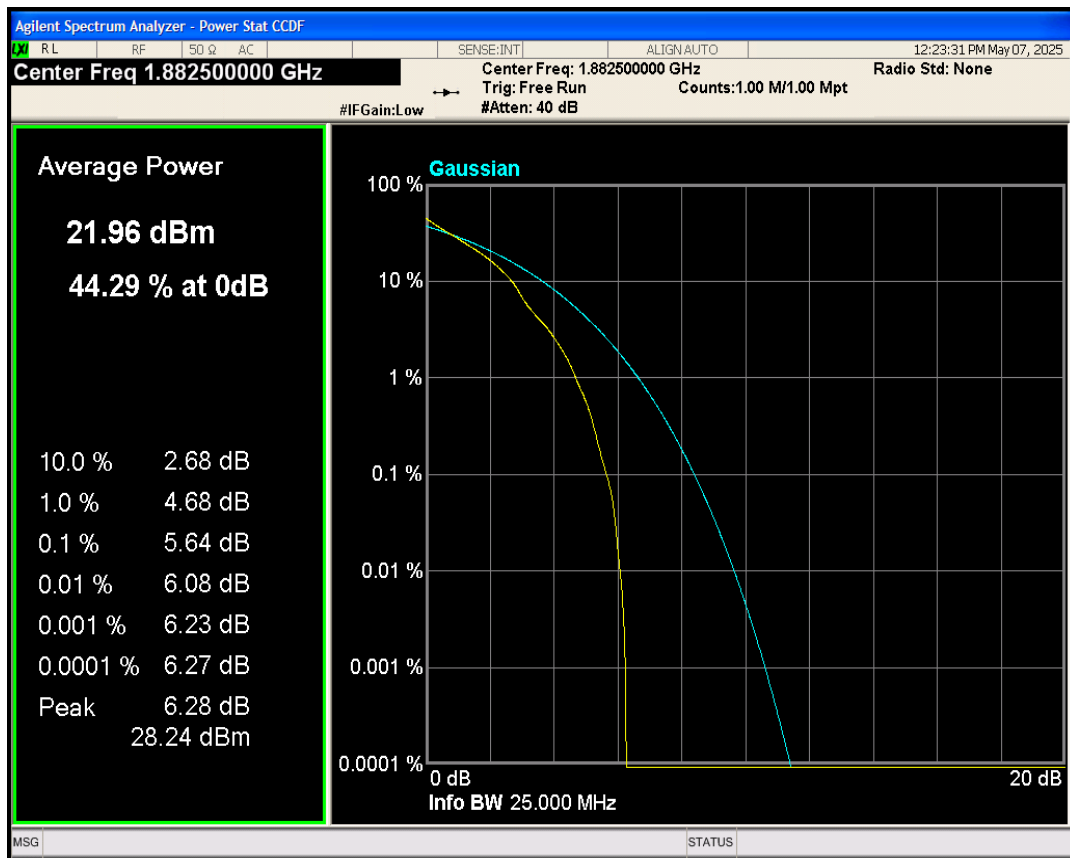


Band25 16QAM BW=10MHz Channel=26090 RB Size=1 Position=#0

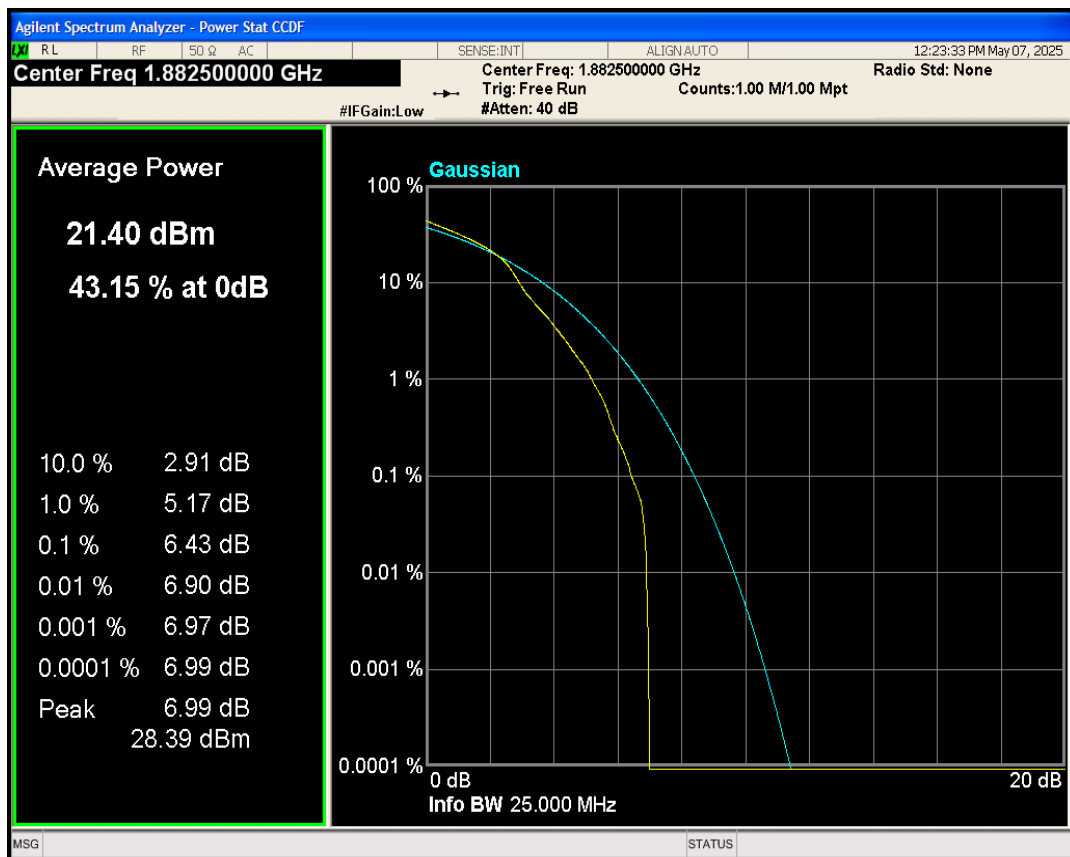




Band25 QPSK BW=10MHz Channel=26365 RB Size=1 Position=#0

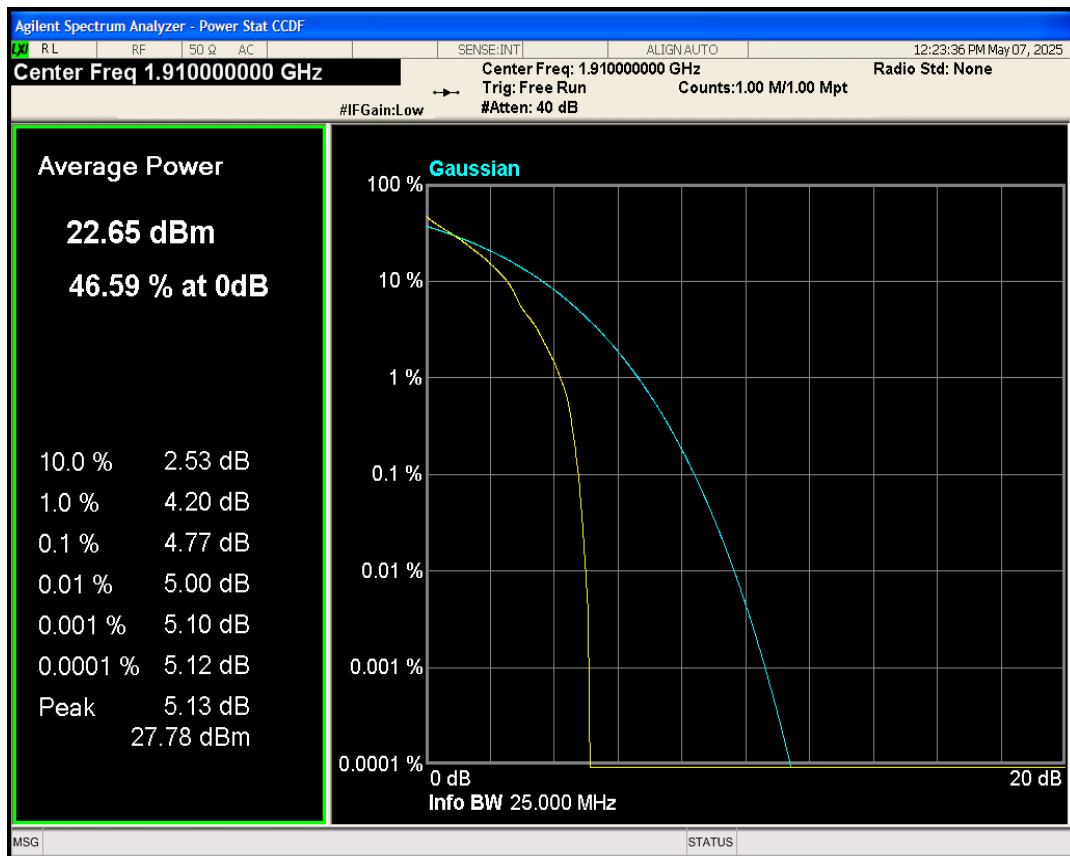


Band25 16QAM BW=10MHz Channel=26365 RB Size=1 Position=#0

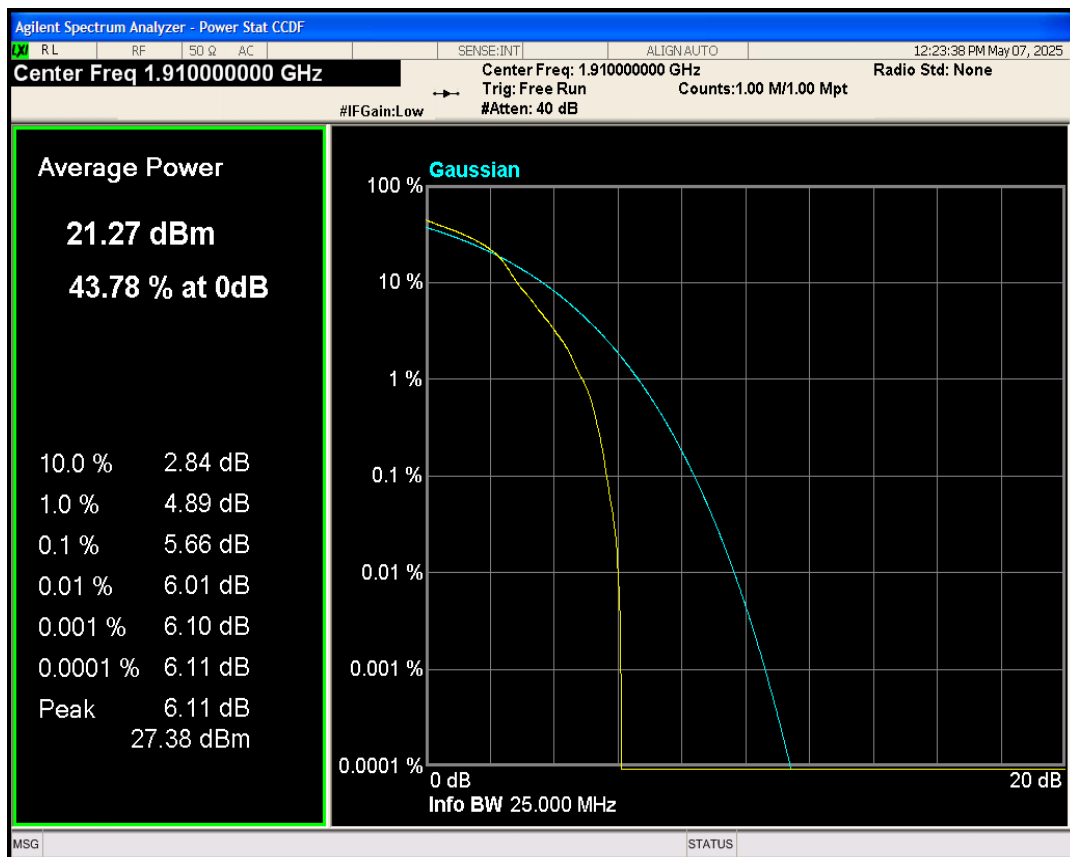




Band25 QPSK BW=10MHz Channel=26640 RB Size=1 Position=#0

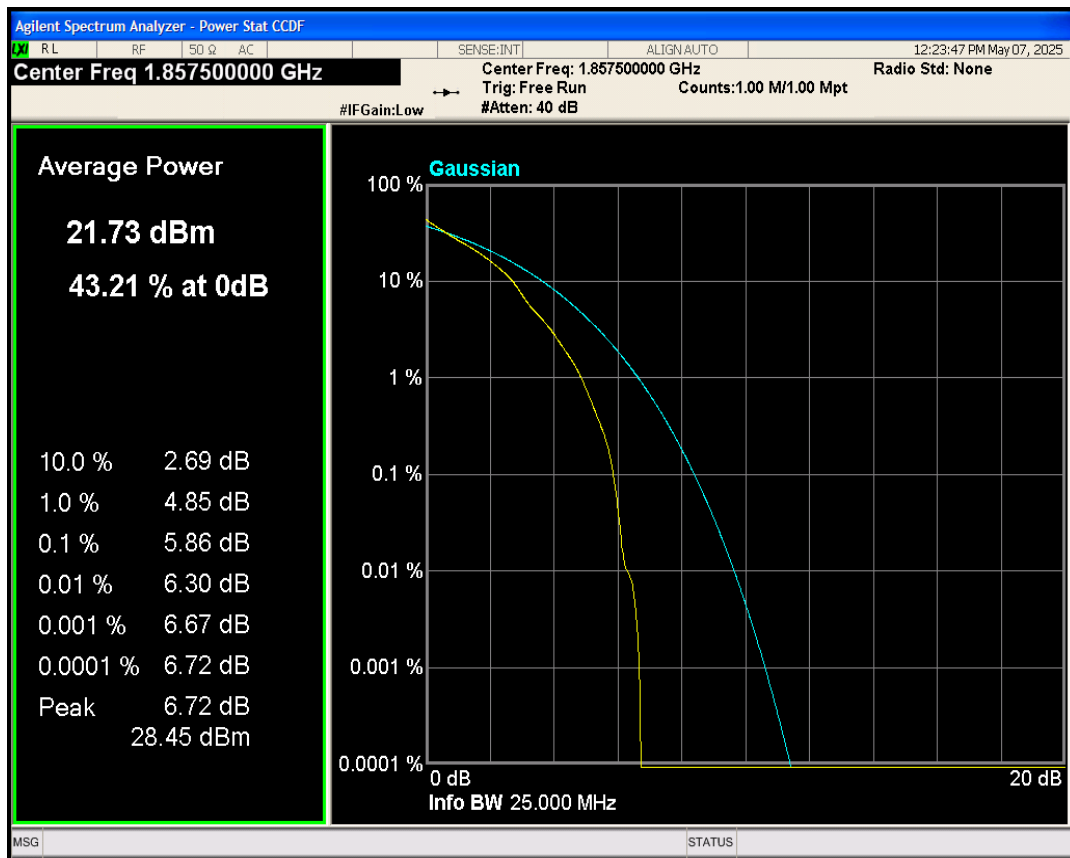


Band25 16QAM BW=10MHz Channel=26640 RB Size=1 Position=#0

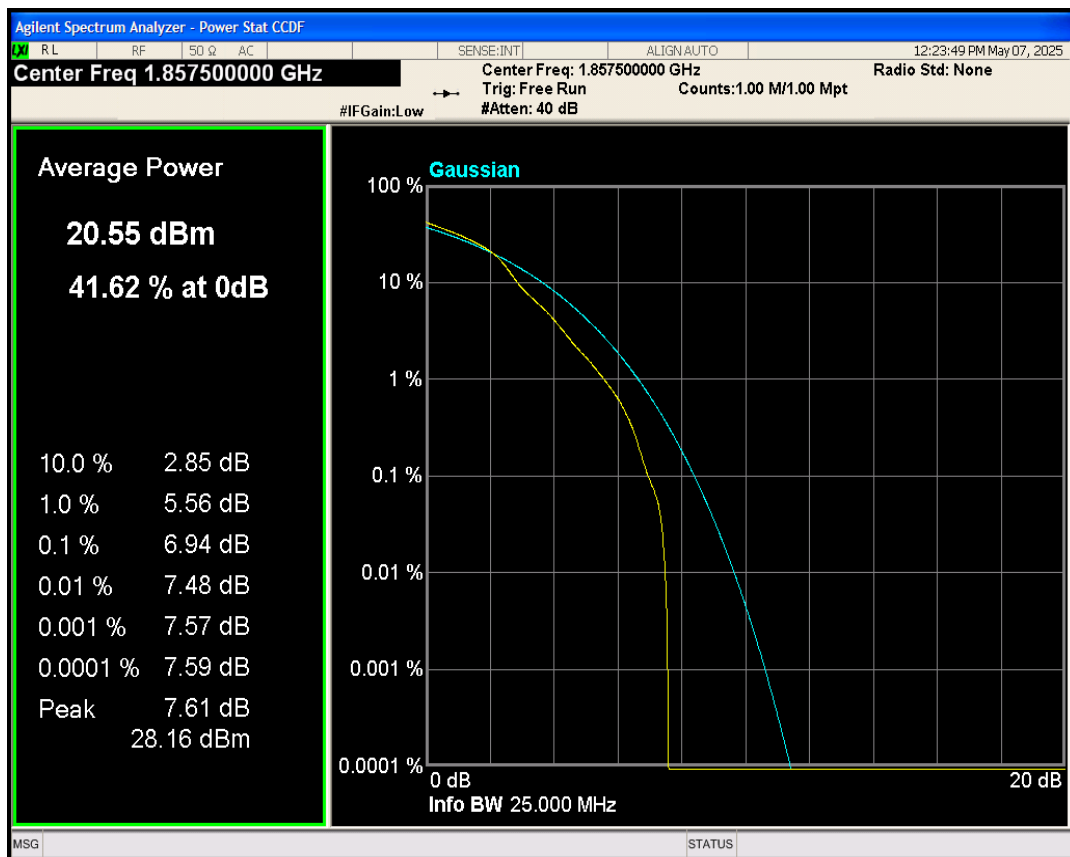




Band25 QPSK BW=15MHz Channel=26115 RB Size=1 Position=#0

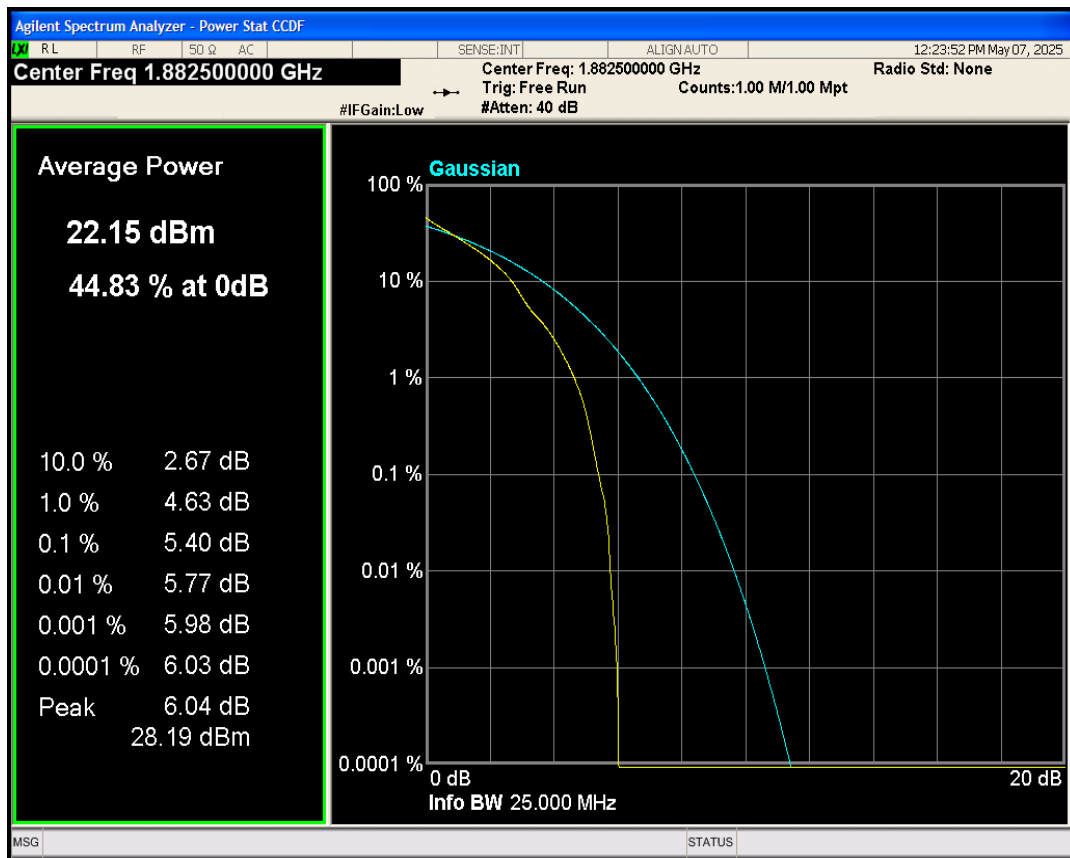


Band25 16QAM BW=15MHz Channel=26115 RB Size=1 Position=#0

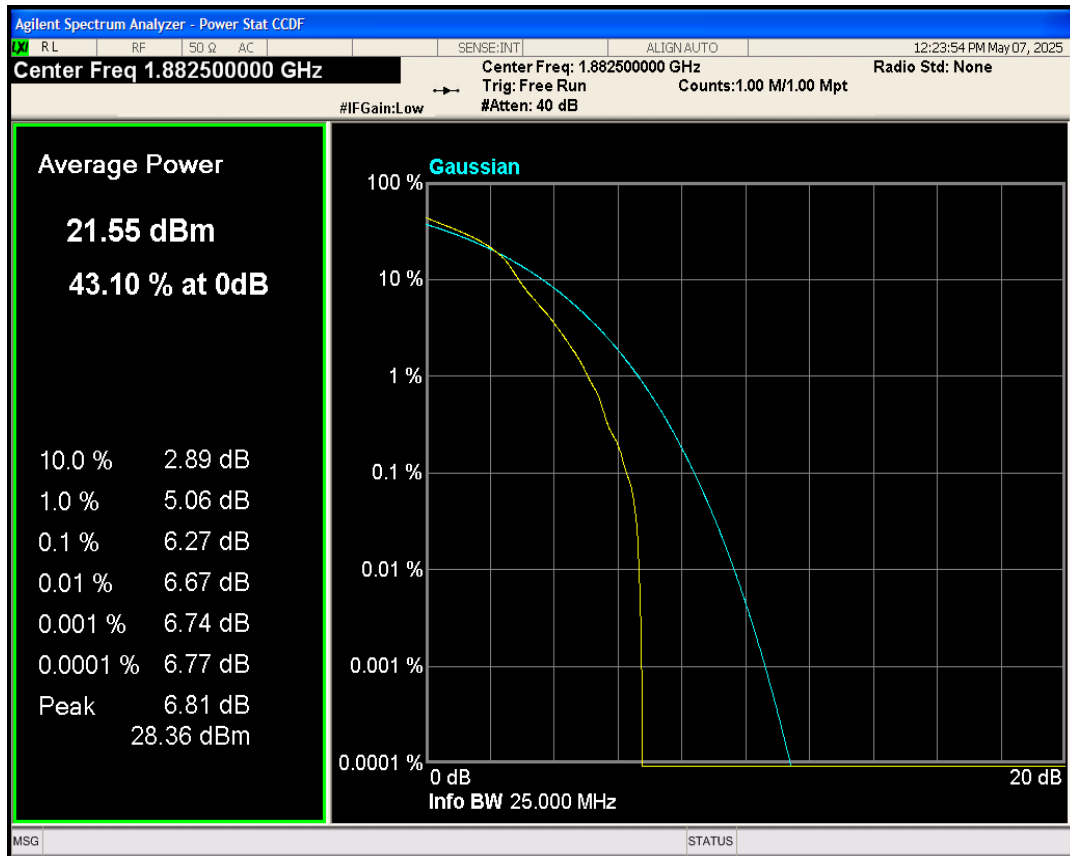




Band25 QPSK BW=15MHz Channel=26365 RB Size=1 Position=#0

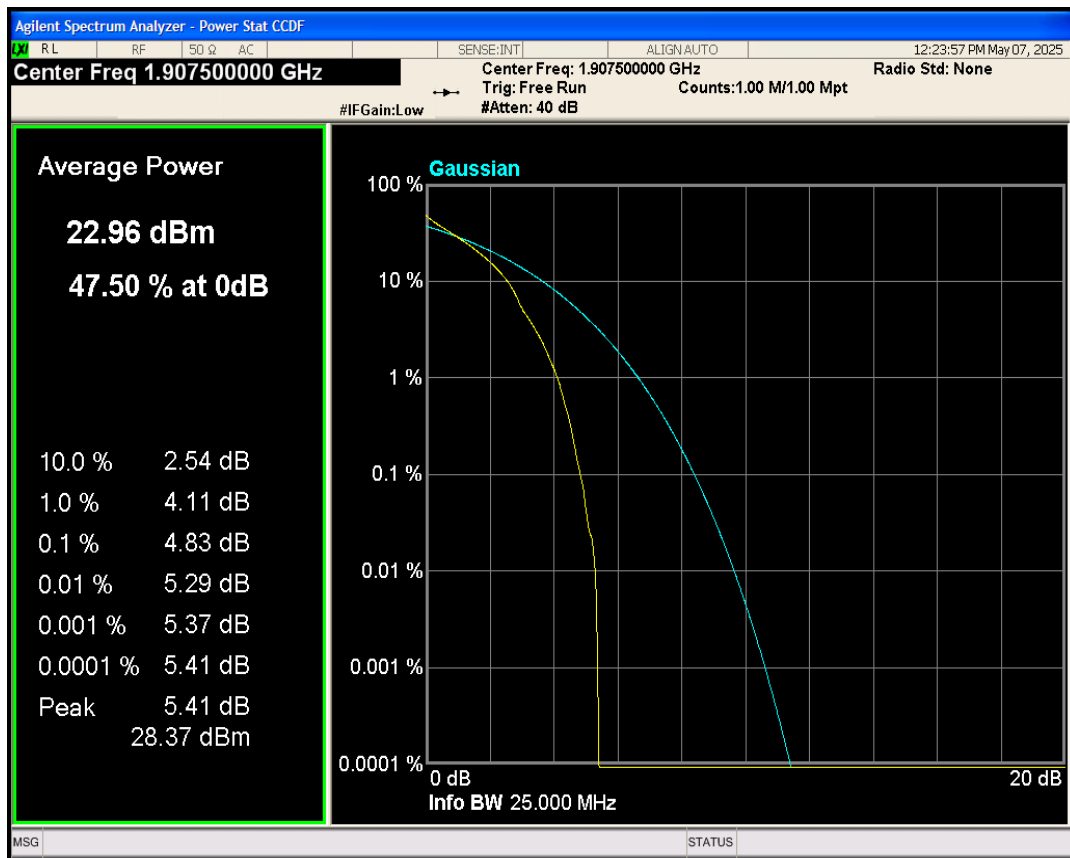


Band25 16QAM BW=15MHz Channel=26365 RB Size=1 Position=#0

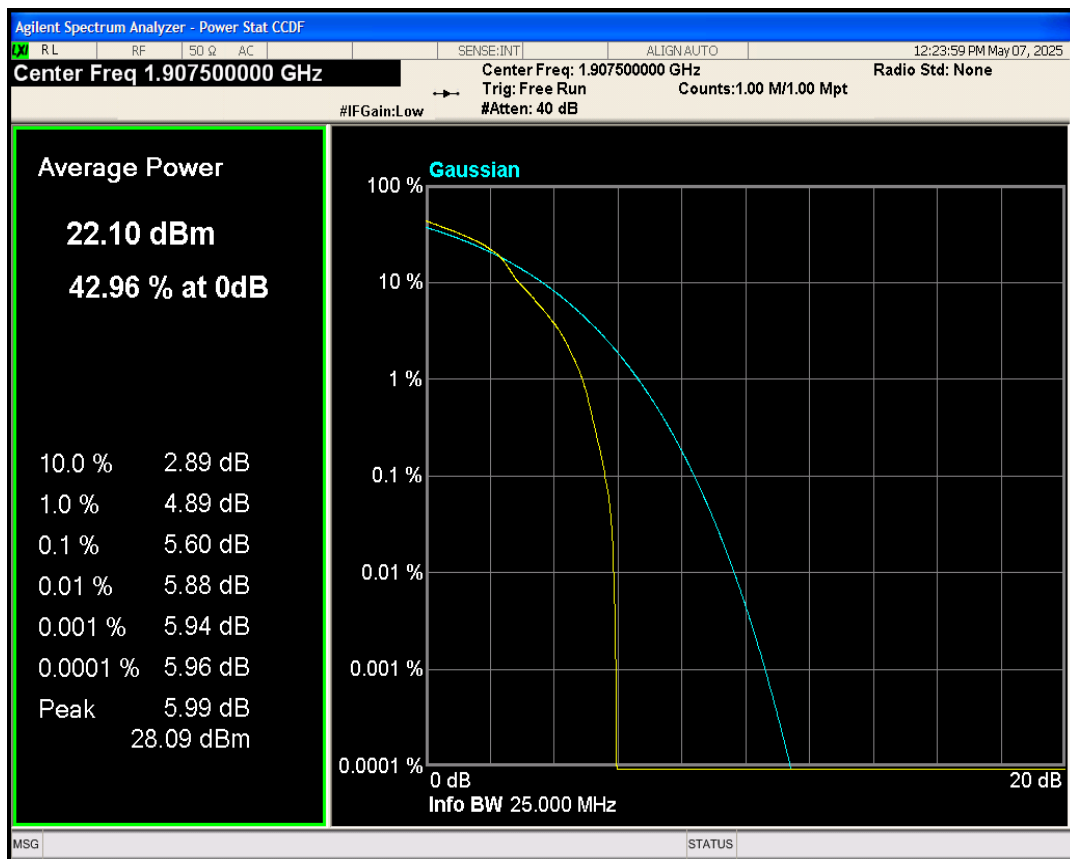




Band25 QPSK BW=15MHz Channel=26615 RB Size=1 Position=#0

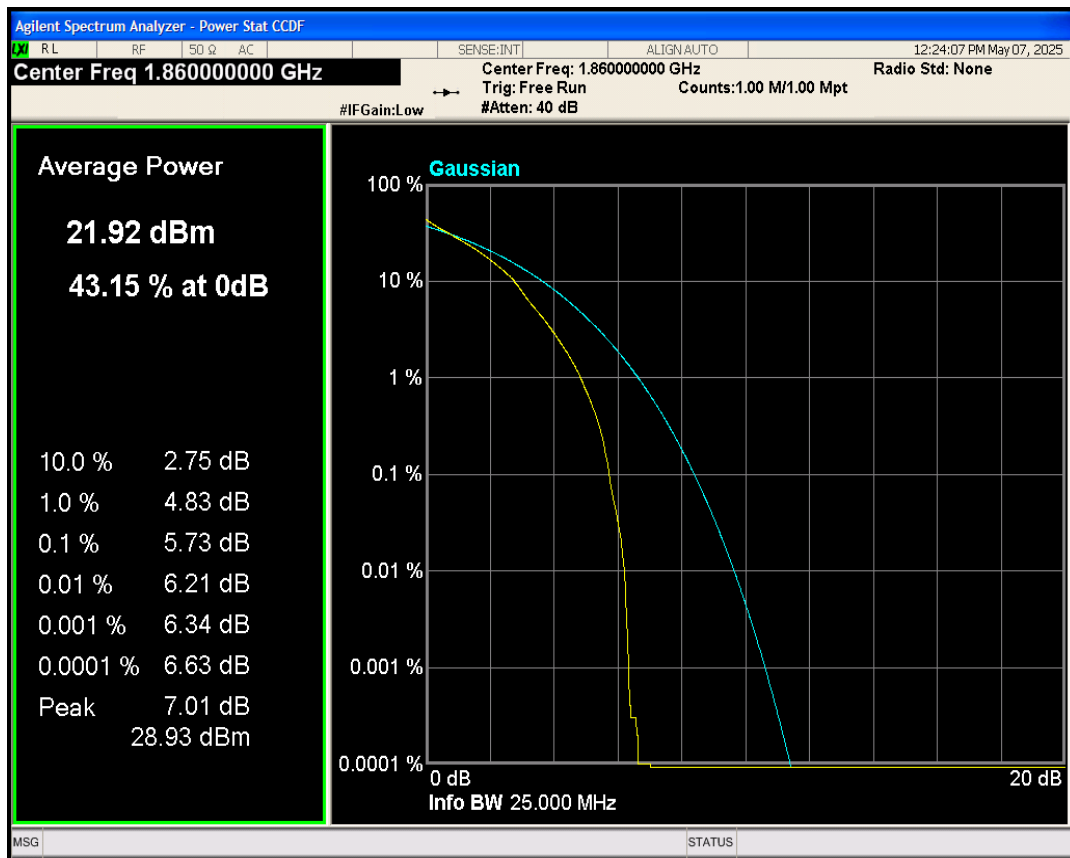


Band25 16QAM BW=15MHz Channel=26615 RB Size=1 Position=#0

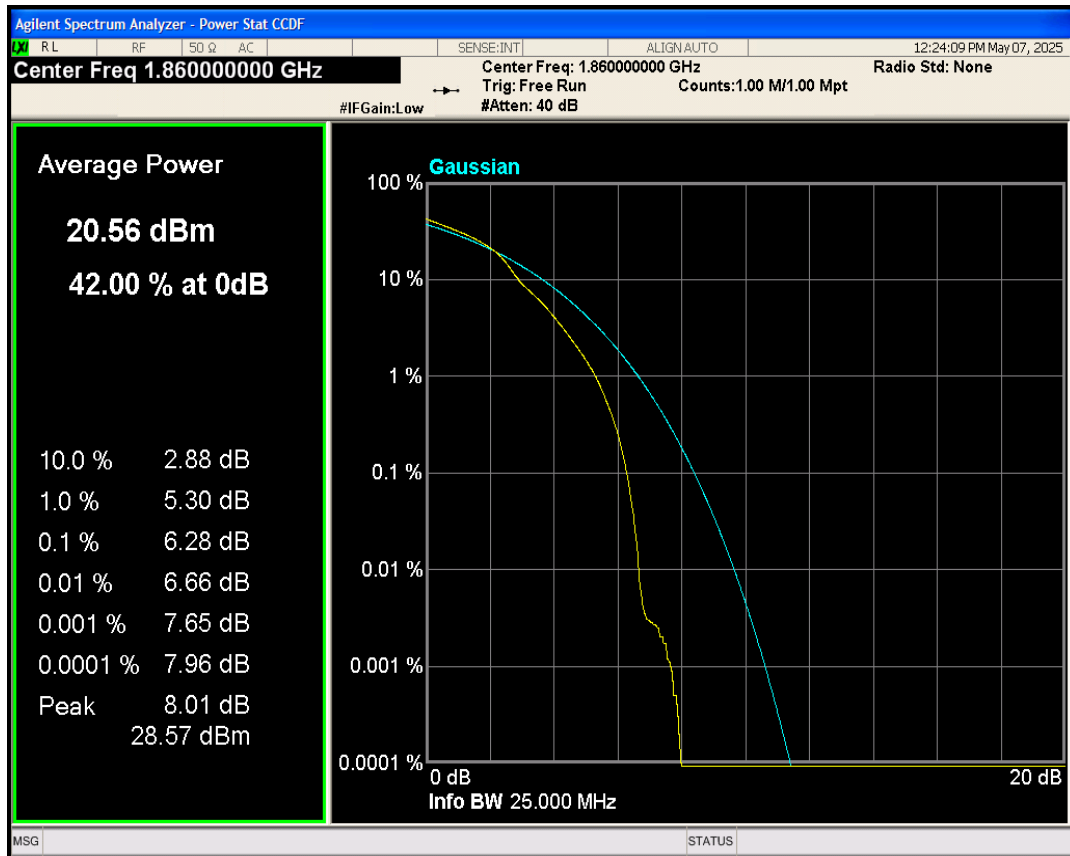




Band25 QPSK BW=20MHz Channel=26140 RB Size=1 Position=#0

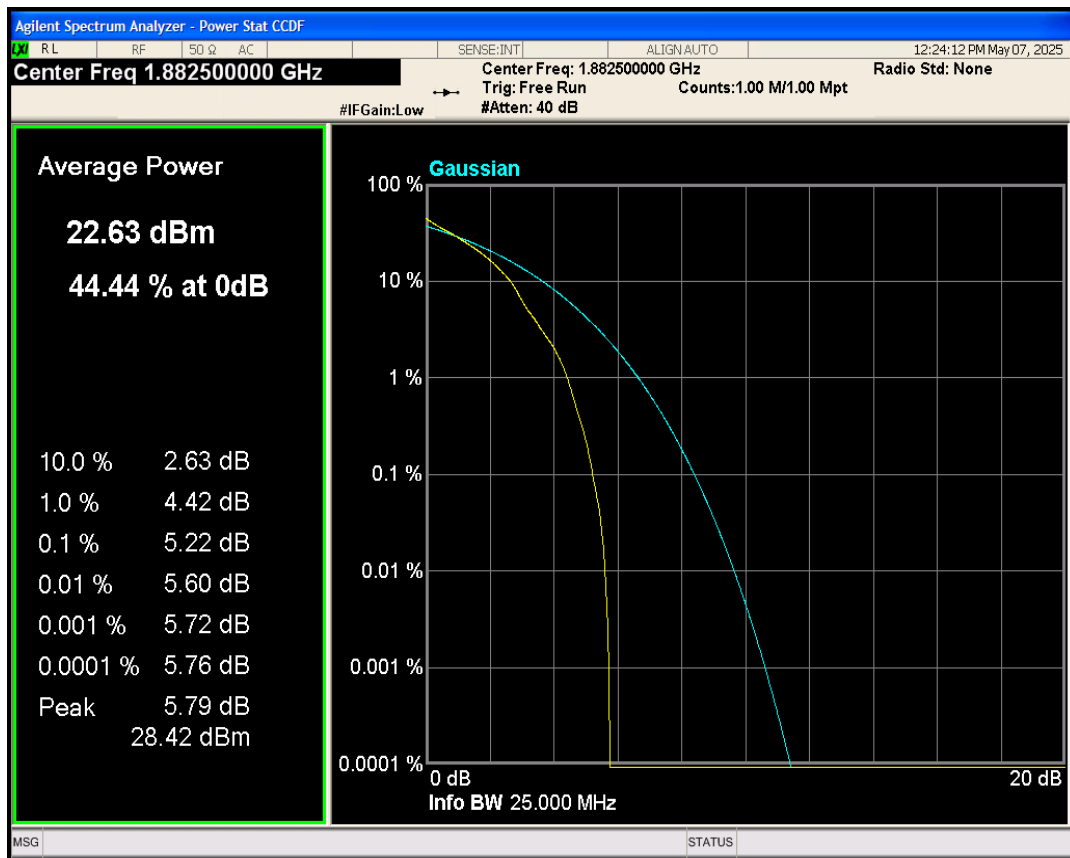


Band25 16QAM BW=20MHz Channel=26140 RB Size=1 Position=#0

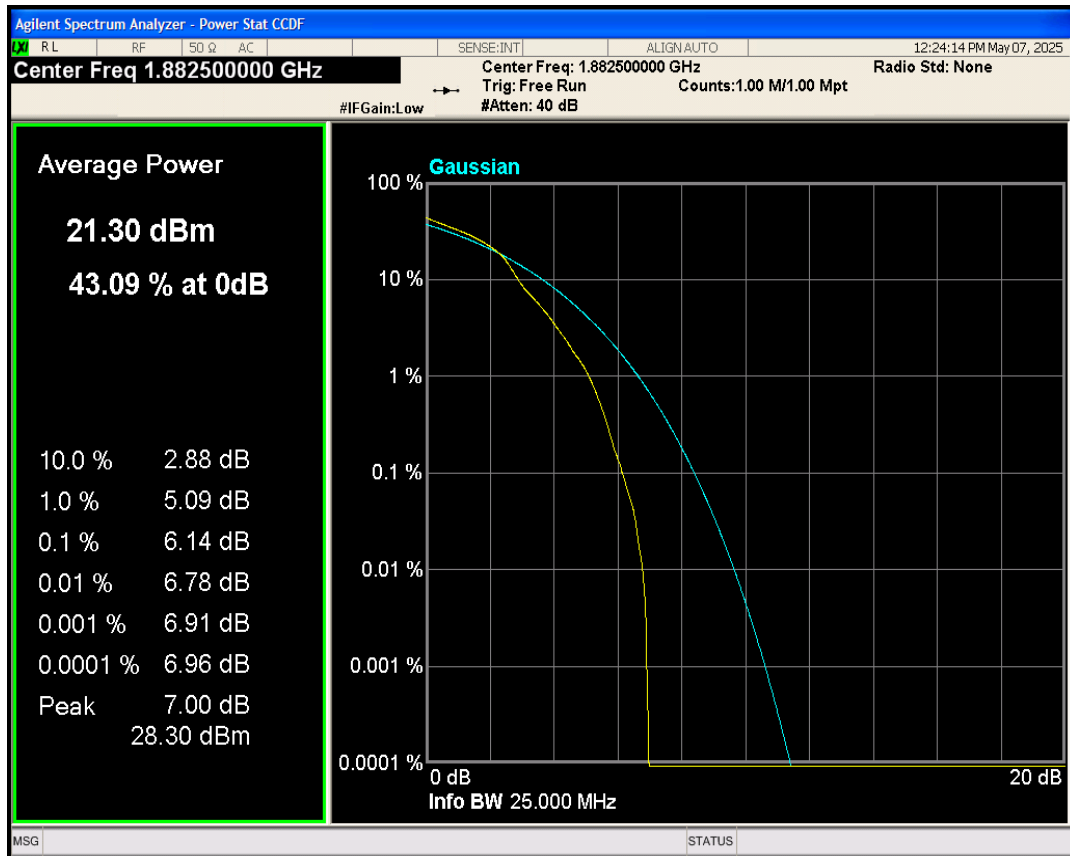




Band25 QPSK BW=20MHz Channel=26365 RB Size=1 Position=#0

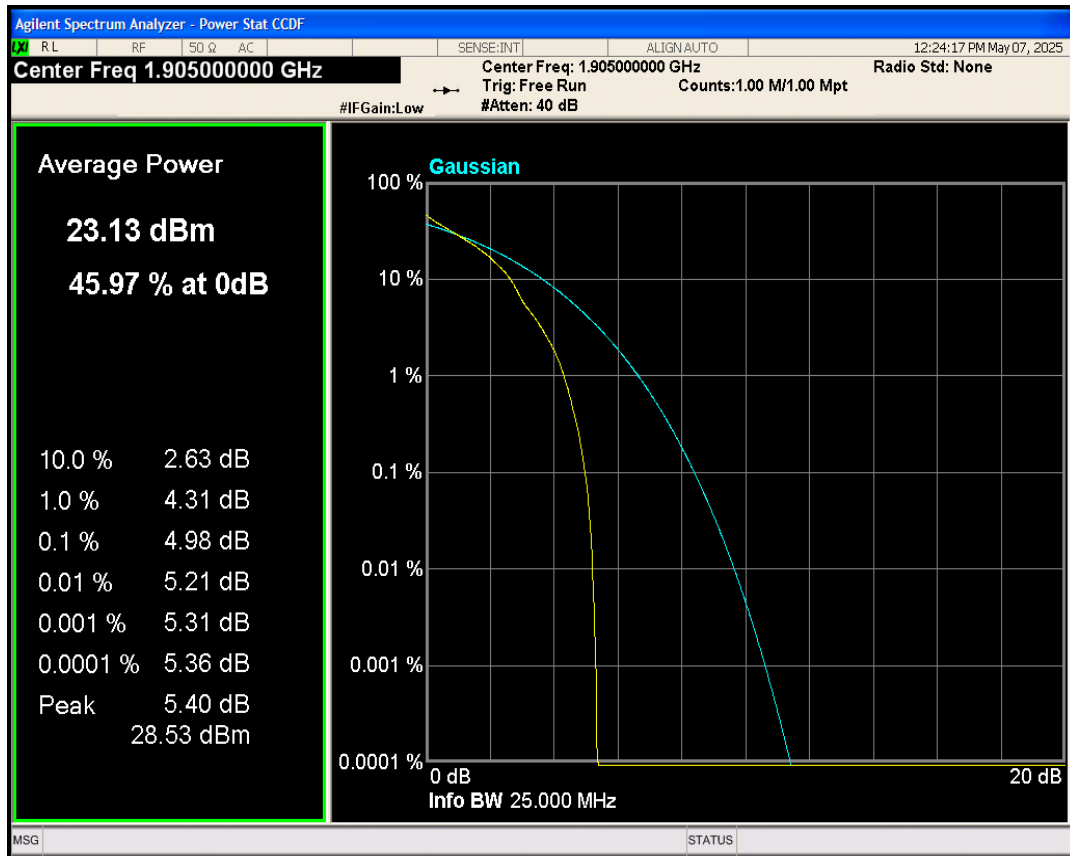


Band25 16QAM BW=20MHz Channel=26365 RB Size=1 Position=#0

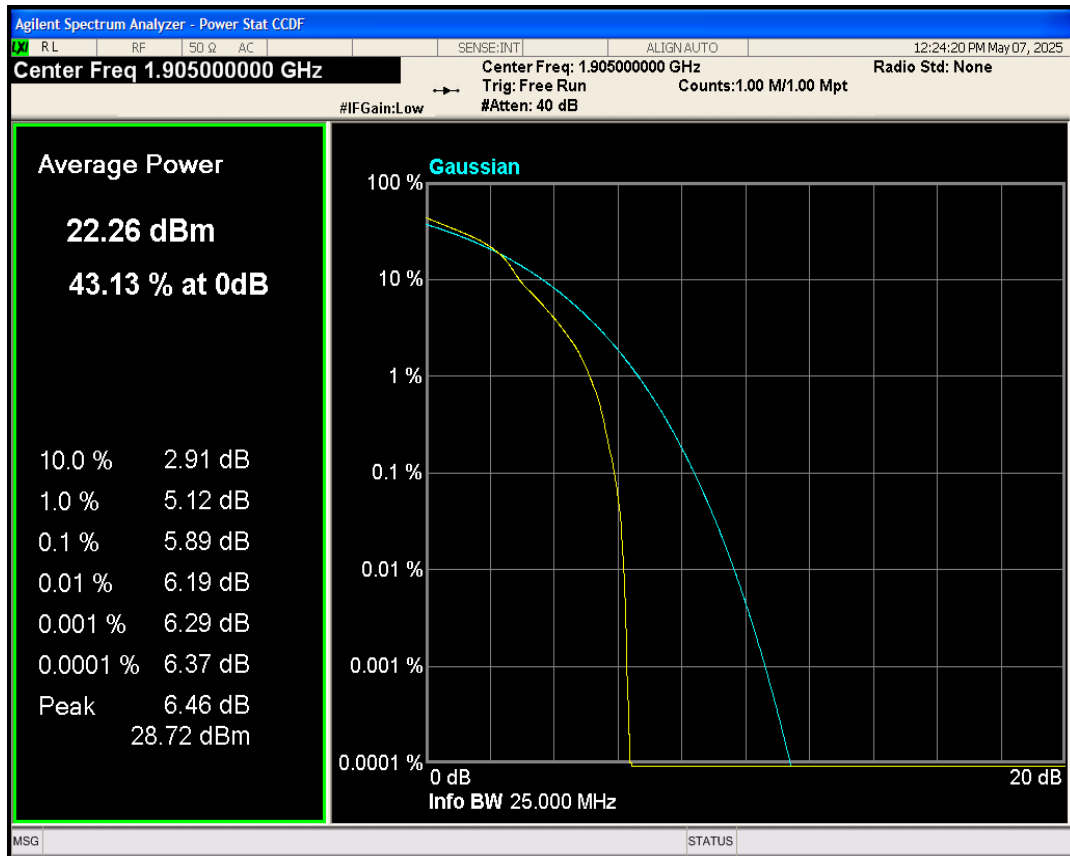




Band25 QPSK BW=20MHz Channel=26590 RB Size=1 Position=#0



Band25 16QAM BW=20MHz Channel=26590 RB Size=1 Position=#0

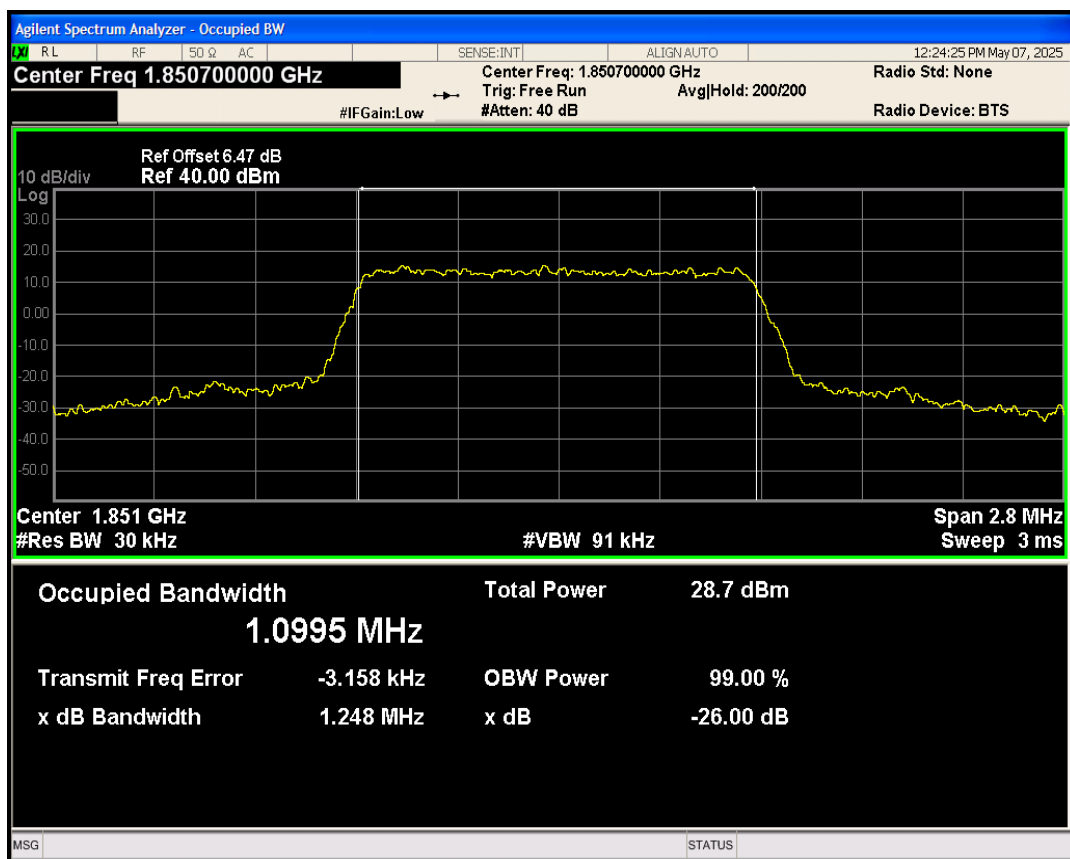


Appendix 4. Occupied bandwidth

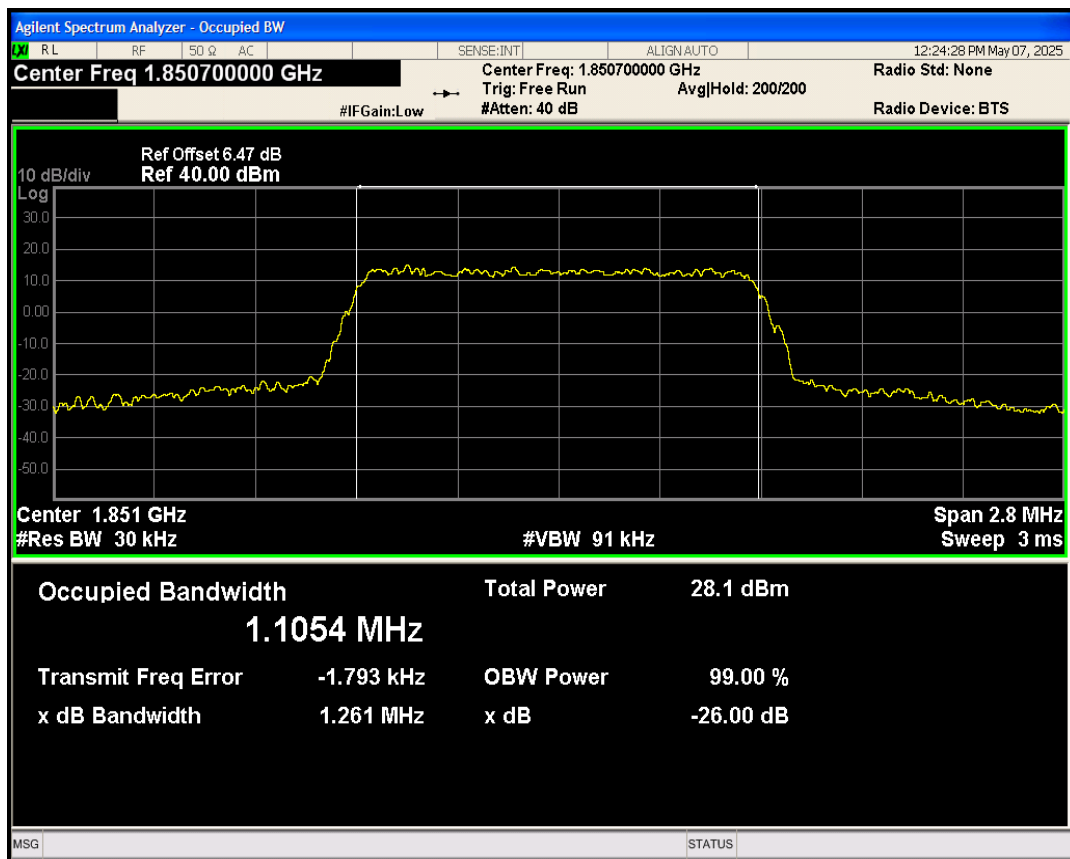
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
Band25	1.4	26047	6	#0	QPSK	1.100	1.248	PASS
Band25	1.4	26047	6	#0	16QAM	1.105	1.261	PASS
Band25	1.4	26365	6	#0	QPSK	1.097	1.253	PASS
Band25	1.4	26365	6	#0	16QAM	1.088	1.242	PASS
Band25	1.4	26683	6	#0	QPSK	1.102	1.251	PASS
Band25	1.4	26683	6	#0	16QAM	1.100	1.245	PASS
Band25	3	26055	15	#0	QPSK	2.715	2.994	PASS
Band25	3	26055	15	#0	16QAM	2.709	3.034	PASS
Band25	3	26365	15	#0	QPSK	2.720	3.031	PASS
Band25	3	26365	15	#0	16QAM	2.710	3.012	PASS
Band25	3	26675	15	#0	QPSK	2.726	3.045	PASS
Band25	3	26675	15	#0	16QAM	2.718	3.091	PASS
Band25	5	26065	25	#0	QPSK	4.521	4.952	PASS
Band25	5	26065	25	#0	16QAM	4.529	4.958	PASS
Band25	5	26365	25	#0	QPSK	4.516	4.980	PASS
Band25	5	26365	25	#0	16QAM	4.524	5.023	PASS
Band25	5	26665	25	#0	QPSK	4.524	5.001	PASS
Band25	5	26665	25	#0	16QAM	4.515	4.990	PASS
Band25	10	26090	50	#0	QPSK	9.011	9.809	PASS
Band25	10	26090	50	#0	16QAM	9.014	9.930	PASS
Band25	10	26365	50	#0	QPSK	9.009	9.796	PASS
Band25	10	26365	50	#0	16QAM	9.008	9.866	PASS
Band25	10	26640	50	#0	QPSK	9.043	9.754	PASS
Band25	10	26640	50	#0	16QAM	9.041	9.911	PASS
Band25	15	26115	75	#0	QPSK	13.516	14.837	PASS
Band25	15	26115	75	#0	16QAM	13.459	14.875	PASS
Band25	15	26365	75	#0	QPSK	13.520	14.789	PASS
Band25	15	26365	75	#0	16QAM	13.598	14.934	PASS
Band25	15	26615	75	#0	QPSK	13.512	14.772	PASS
Band25	15	26615	75	#0	16QAM	13.522	14.858	PASS
Band25	20	26140	100	#0	QPSK	17.955	19.493	PASS
Band25	20	26140	100	#0	16QAM	17.977	19.535	PASS
Band25	20	26365	100	#0	QPSK	18.066	19.800	PASS
Band25	20	26365	100	#0	16QAM	18.164	19.666	PASS
Band25	20	26590	100	#0	QPSK	18.002	19.675	PASS
Band25	20	26590	100	#0	16QAM	17.996	19.542	PASS



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

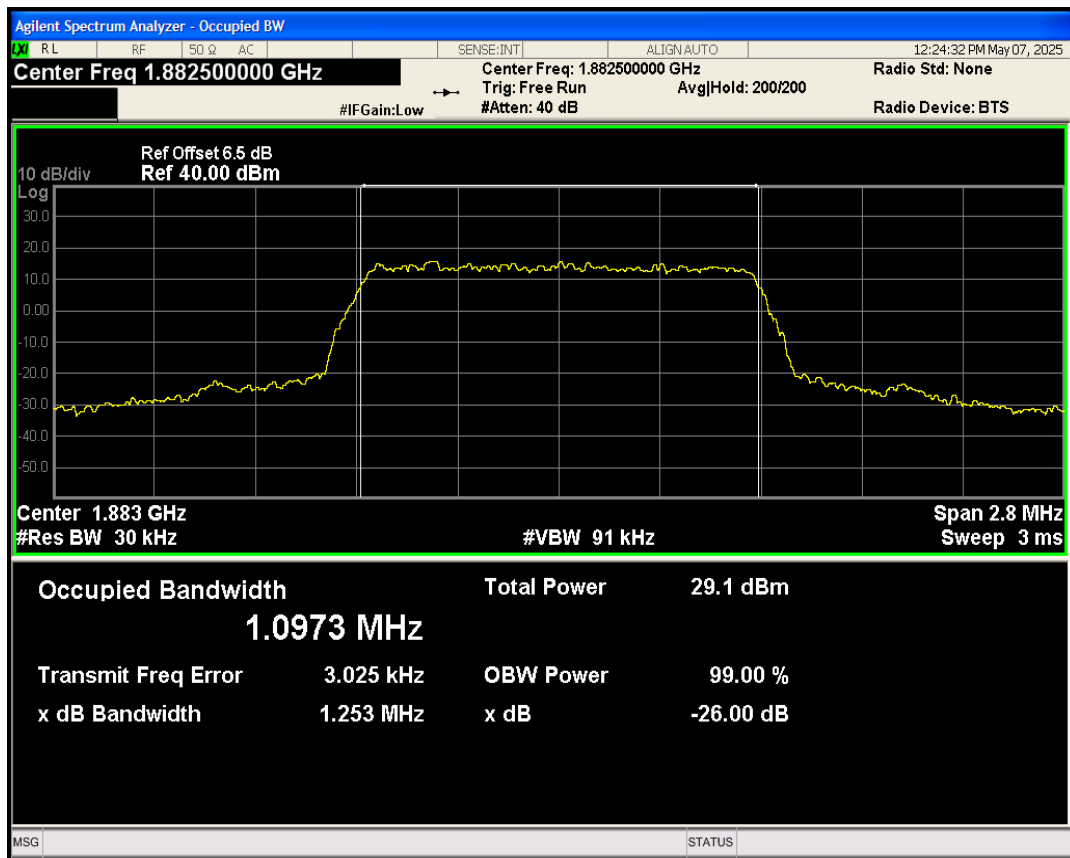


Band25 16QAM BW=1.4MHz Channel=26047 RB Size=6 Position=#0

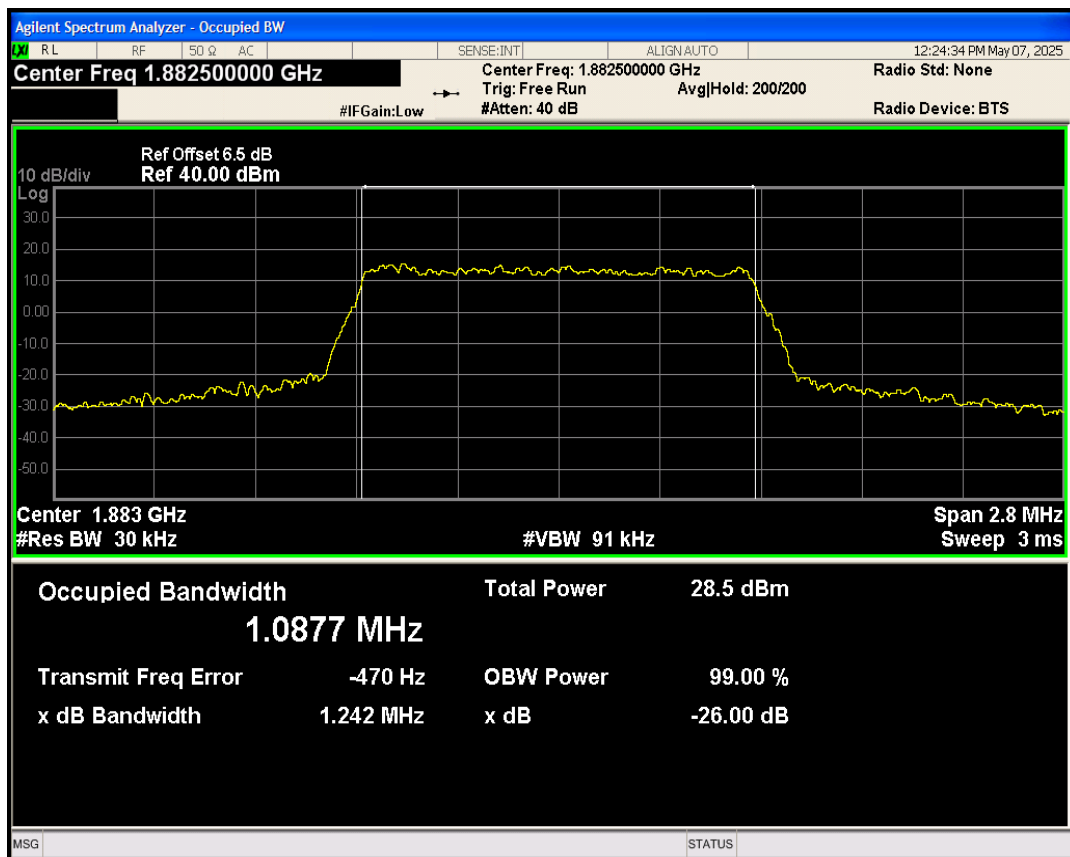




Band25 QPSK BW=1.4MHz Channel=26365 RB Size=6 Position=#0

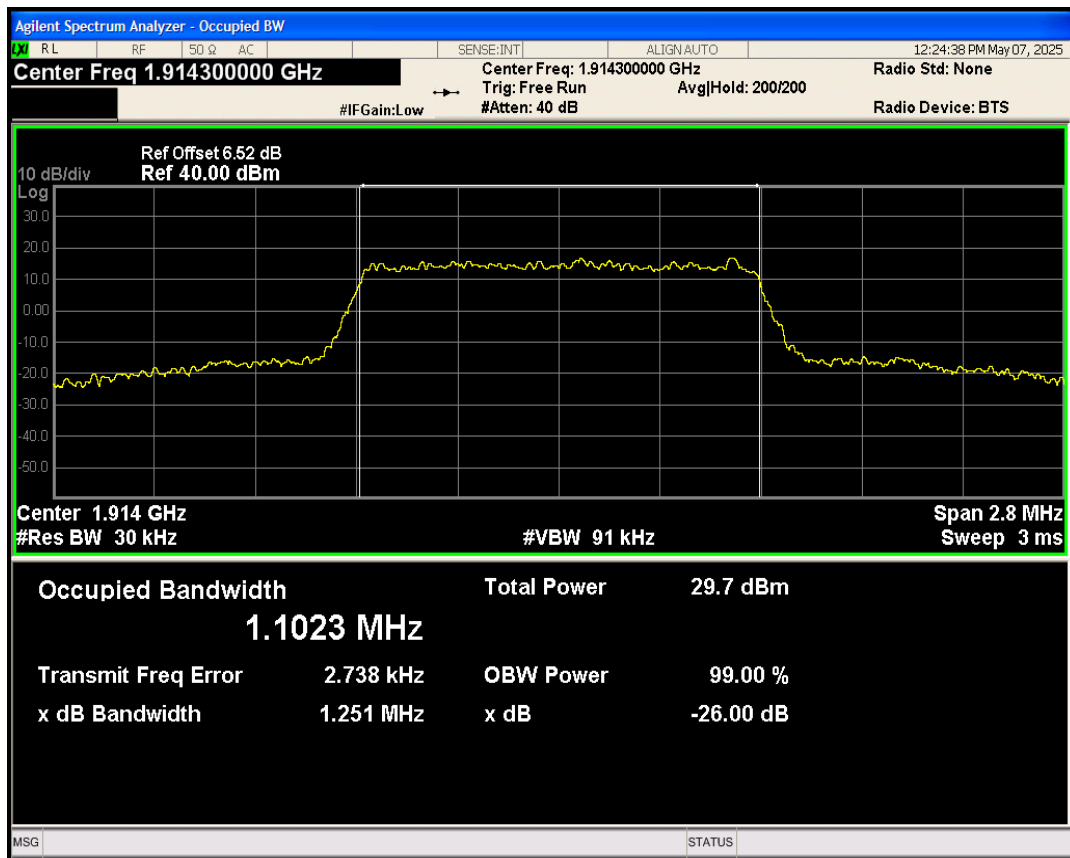


Band25 16QAM BW=1.4MHz Channel=26365 RB Size=6 Position=#0

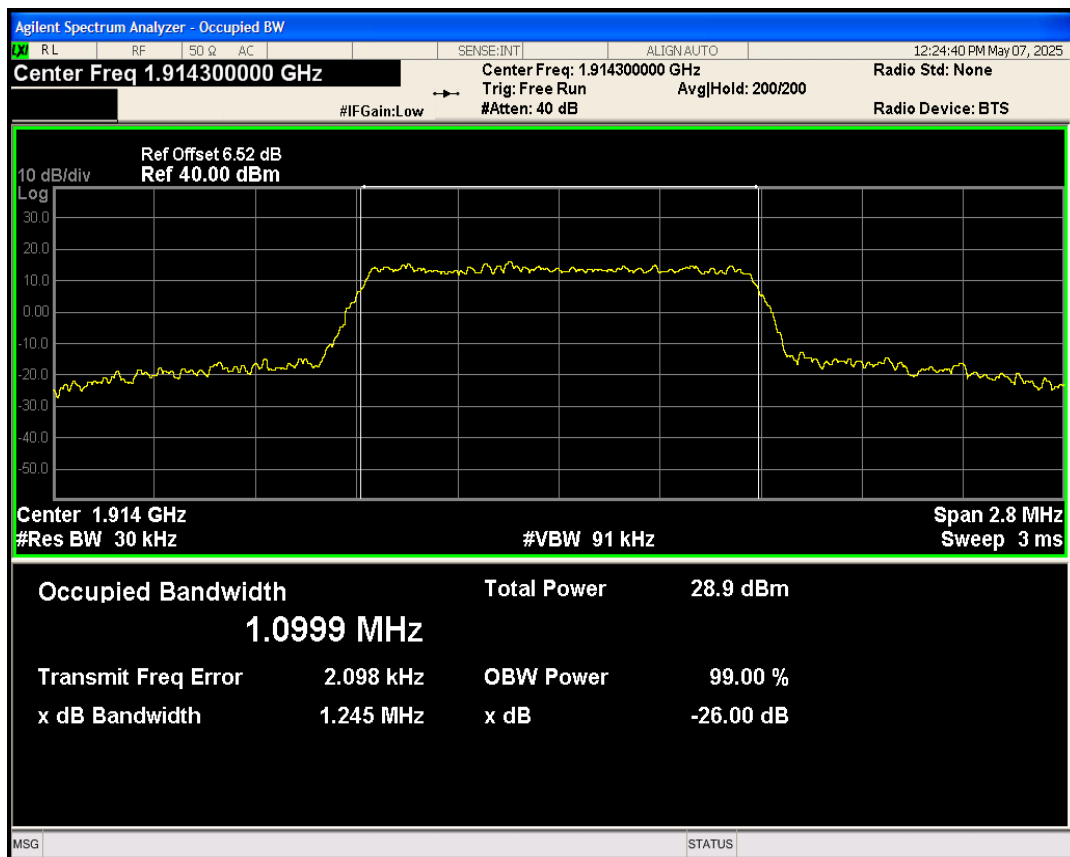




Band25 QPSK BW=1.4MHz Channel=26683 RB Size=6 Position=#0

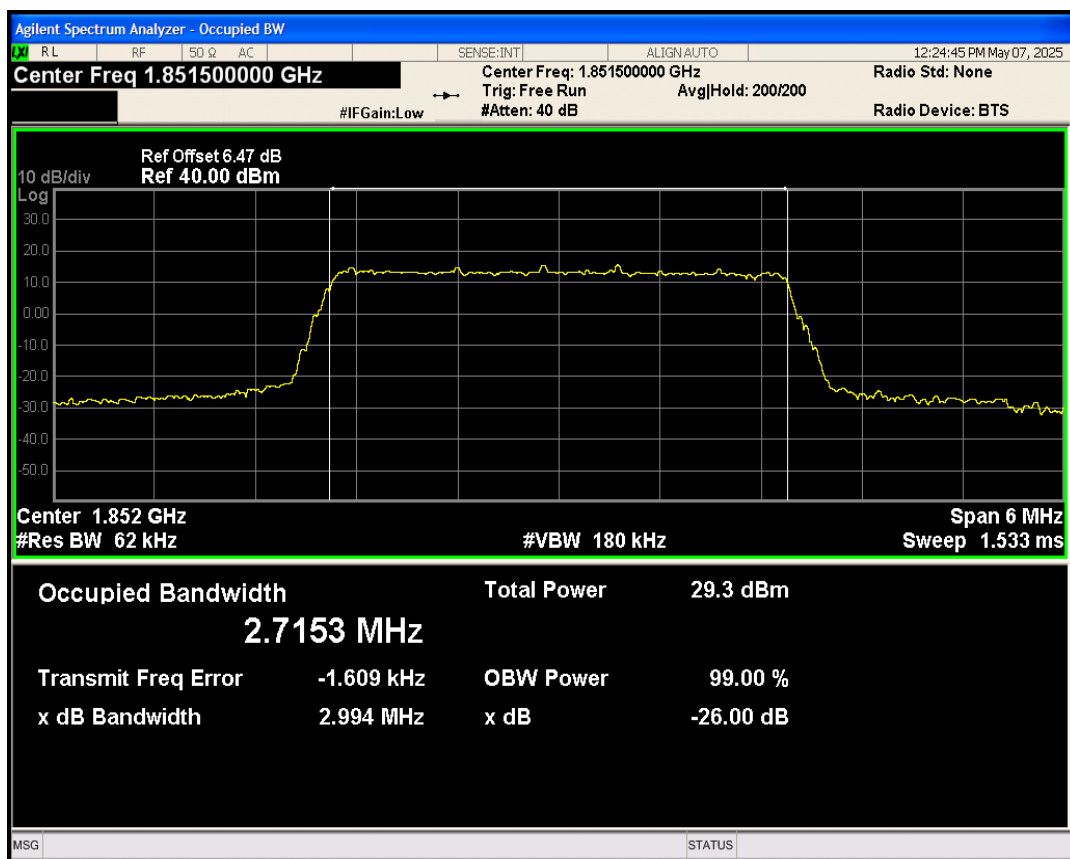


Band25 16QAM BW=1.4MHz Channel=26683 RB Size=6 Position=#0

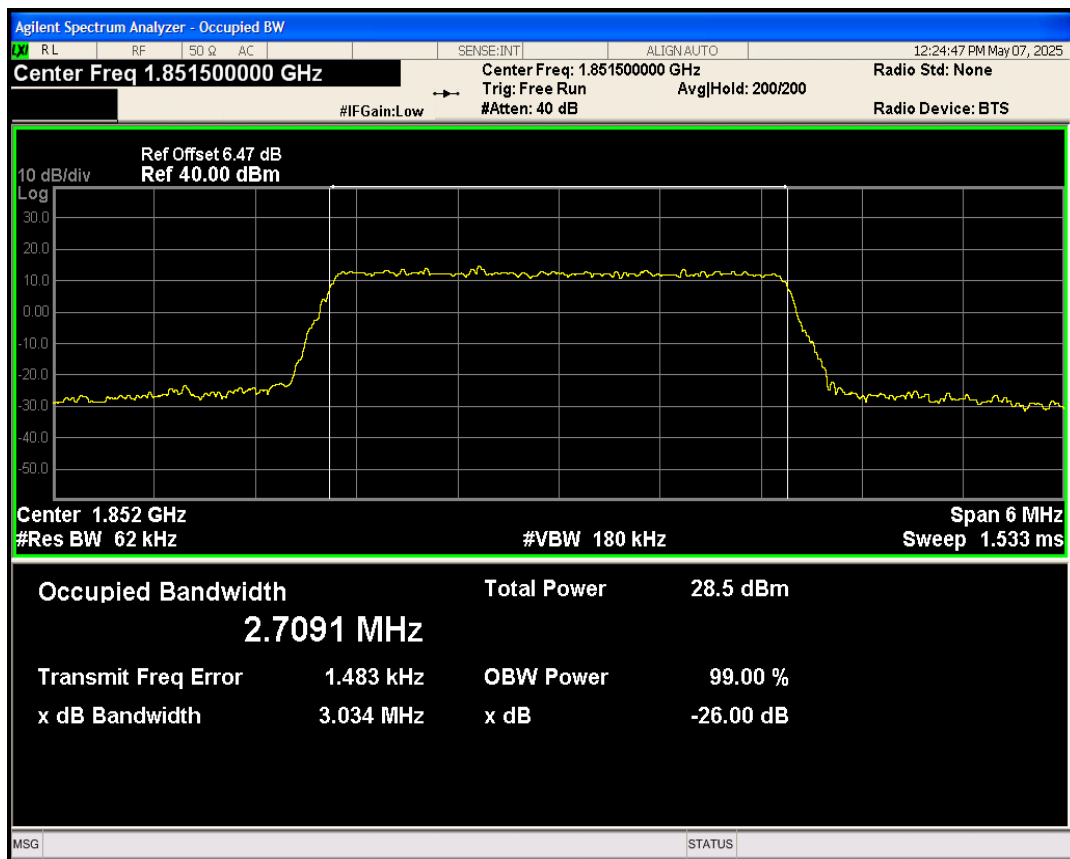




Band25 QPSK BW=3MHz Channel=26055 RB Size=15 Position=#0

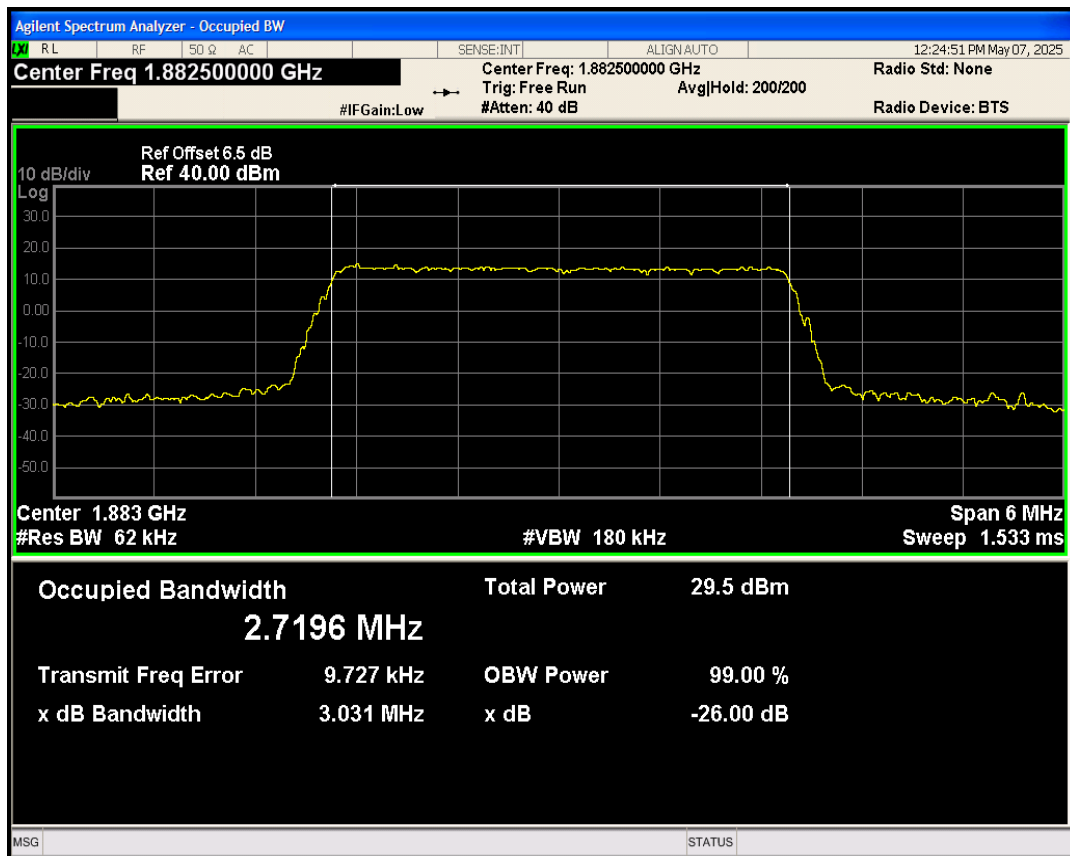


Band25 16QAM BW=3MHz Channel=26055 RB Size=15 Position=#0

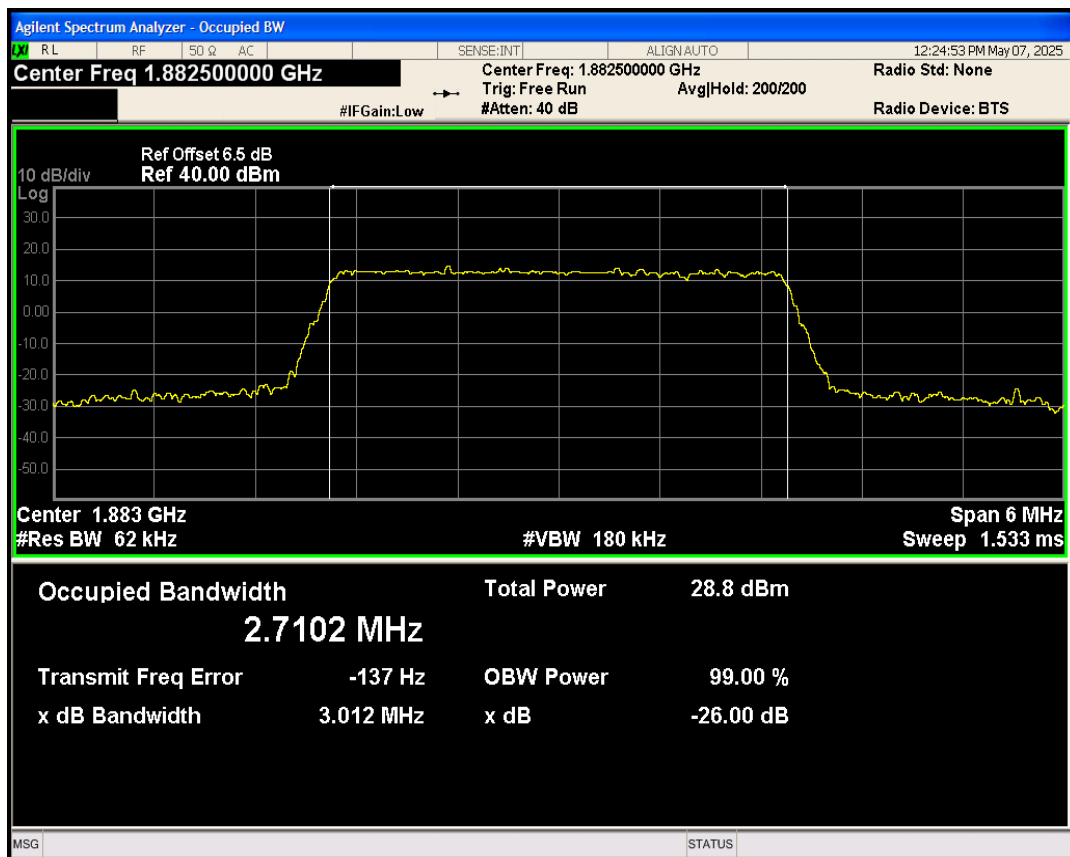




Band25 QPSK BW=3MHz Channel=26365 RB Size=15 Position=#0

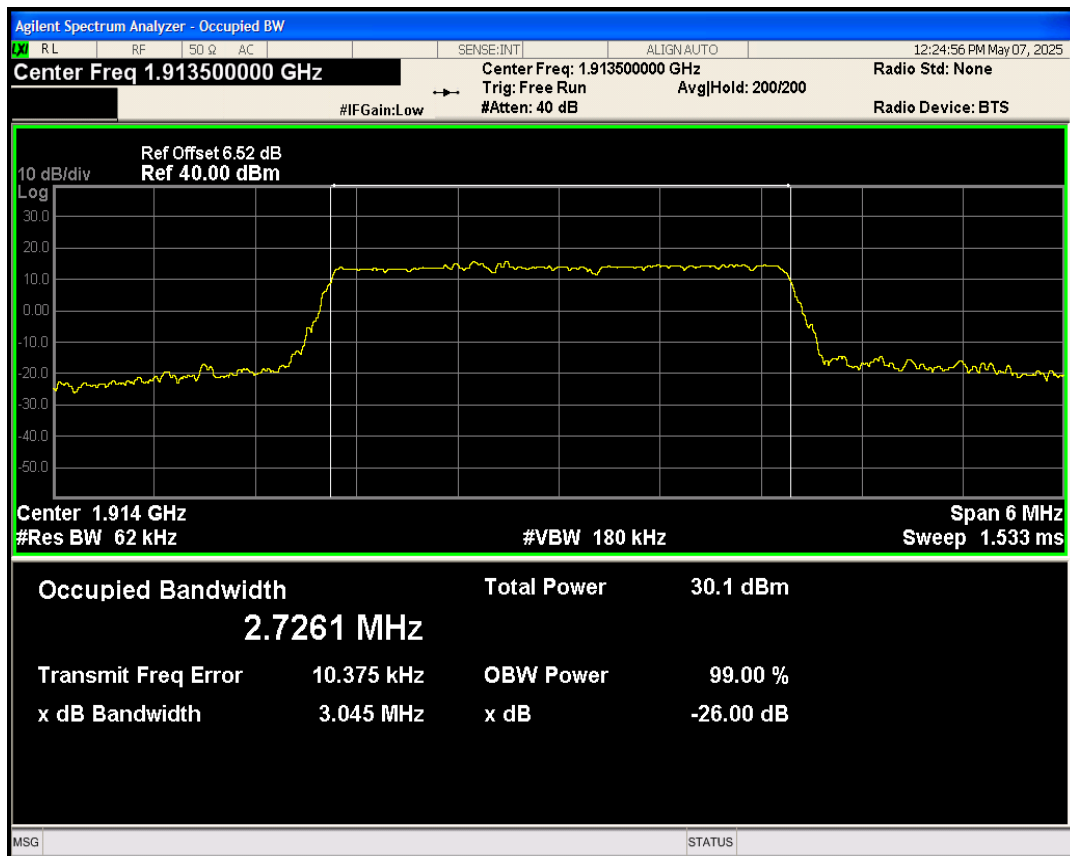


Band25 16QAM BW=3MHz Channel=26365 RB Size=15 Position=#0

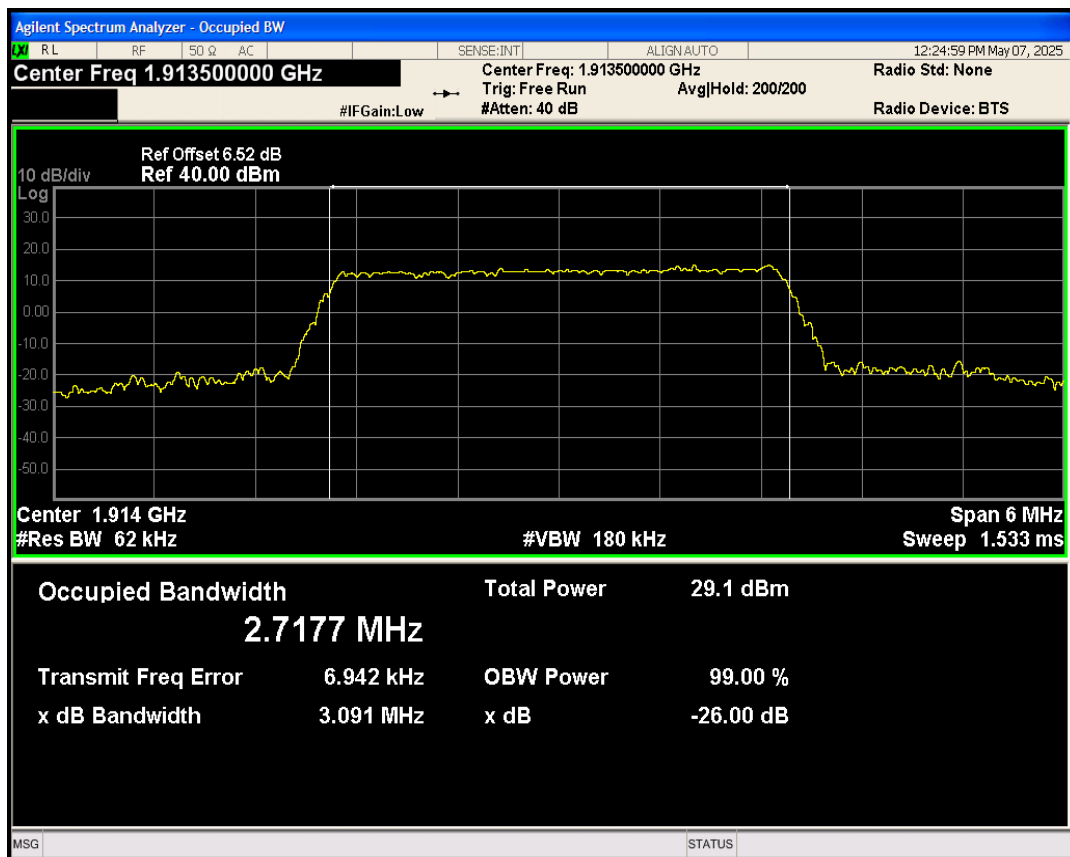




Band25 QPSK BW=3MHz Channel=26675 RB Size=15 Position=#0

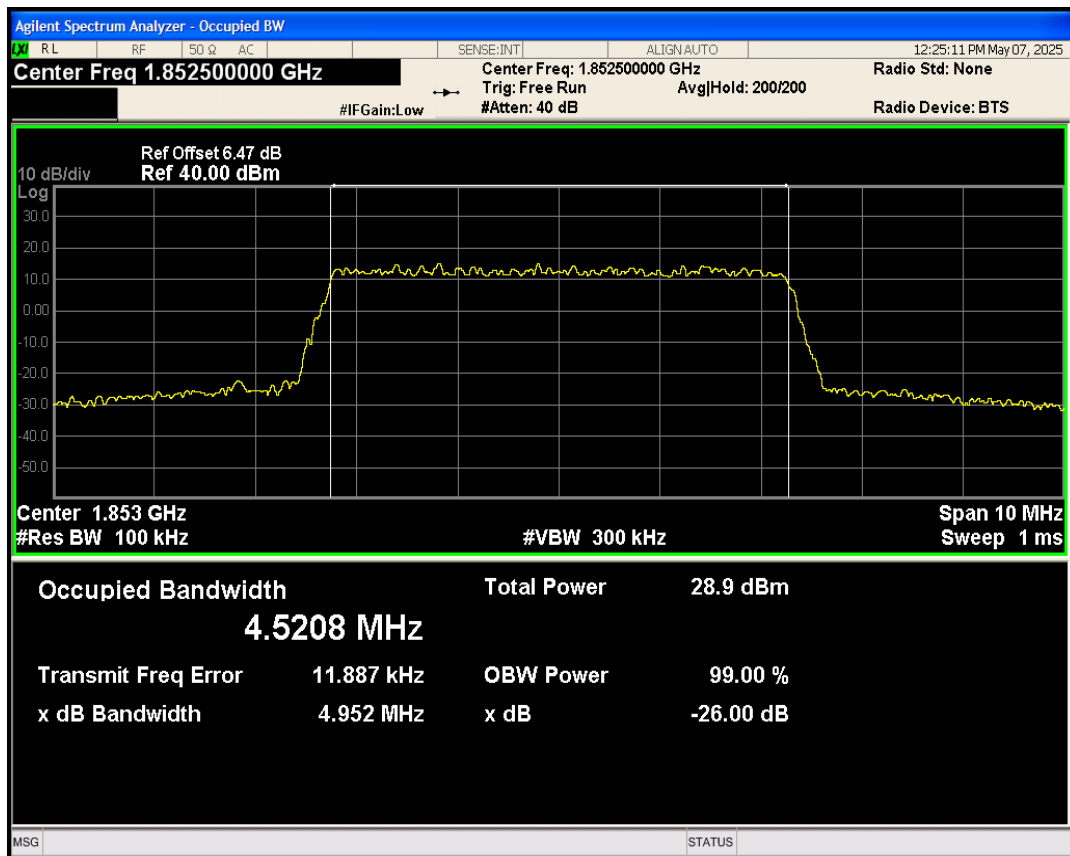


Band25 16QAM BW=3MHz Channel=26675 RB Size=15 Position=#0

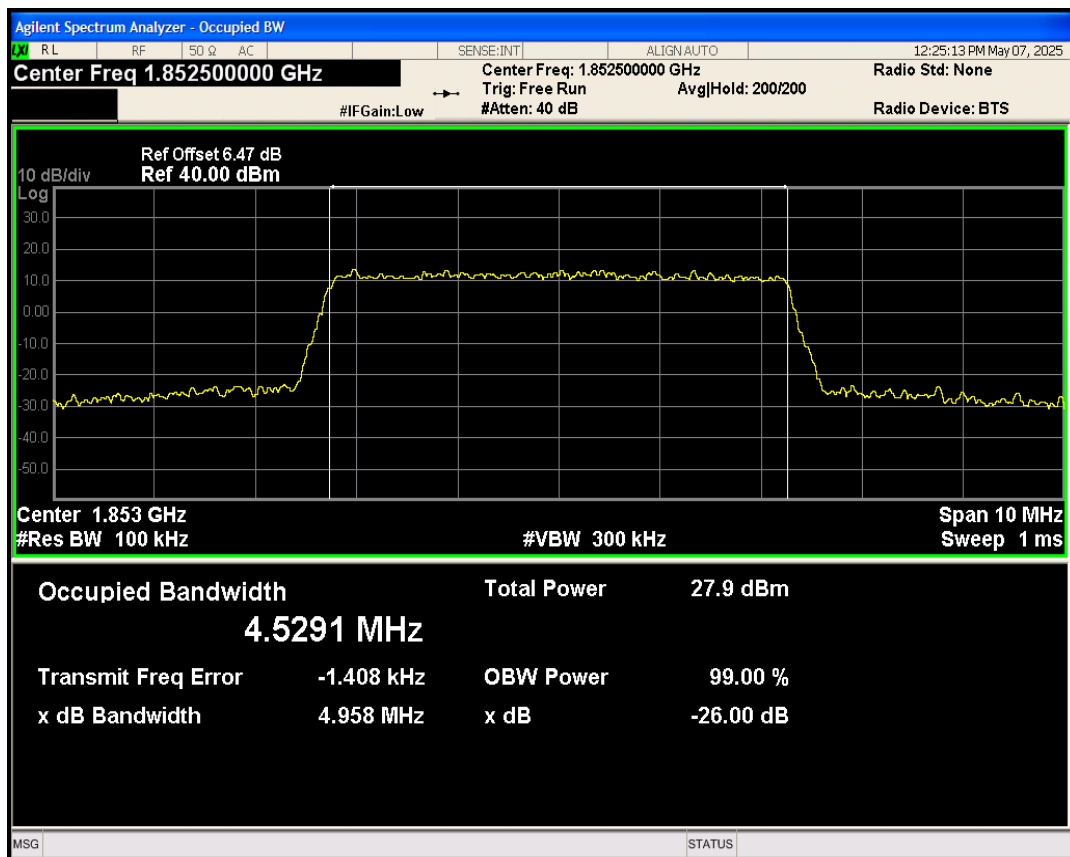




Band25 QPSK BW=5MHz Channel=26065 RB Size=25 Position=#0

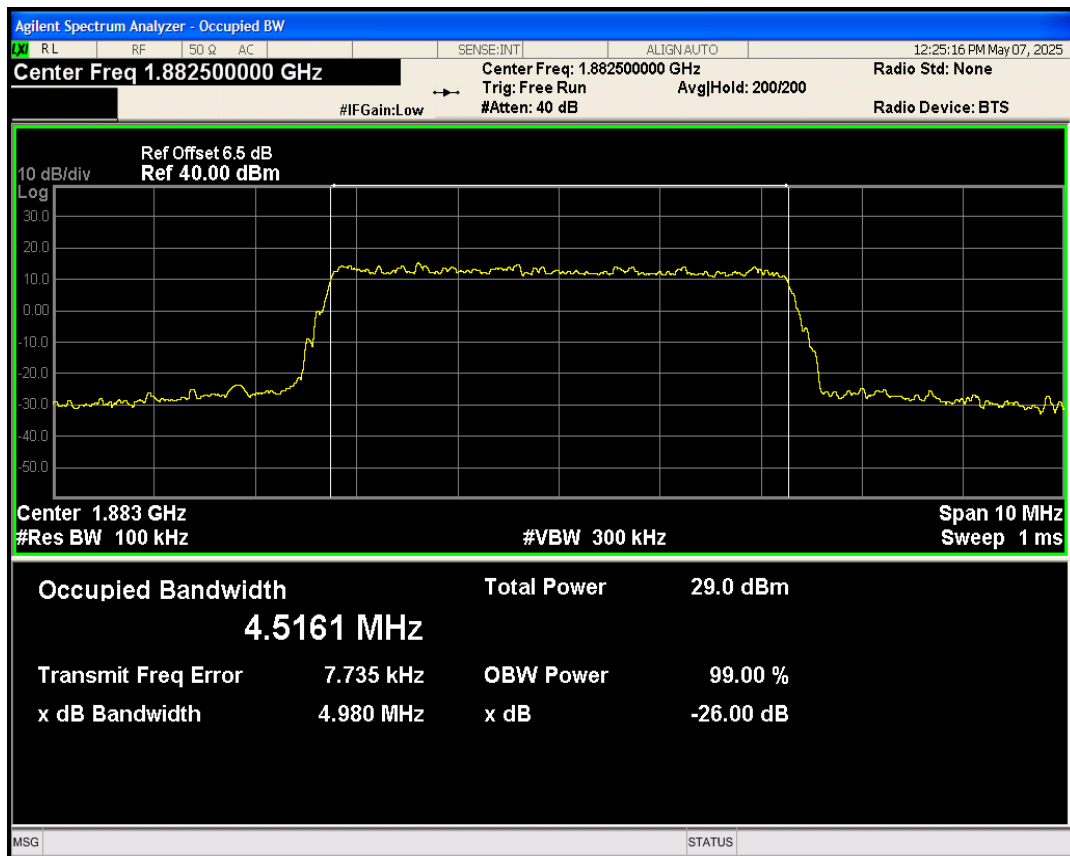


Band25 16QAM BW=5MHz Channel=26065 RB Size=25 Position=#0

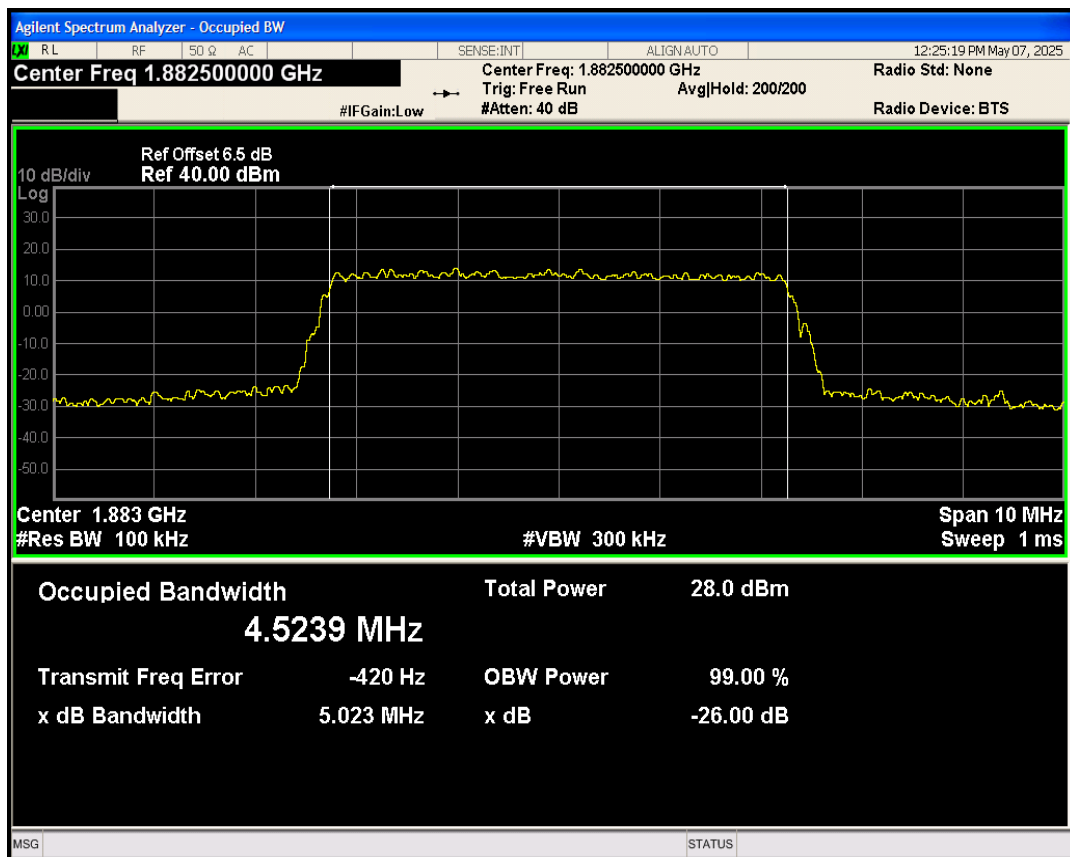




Band25 QPSK BW=5MHz Channel=26365 RB Size=25 Position=#0

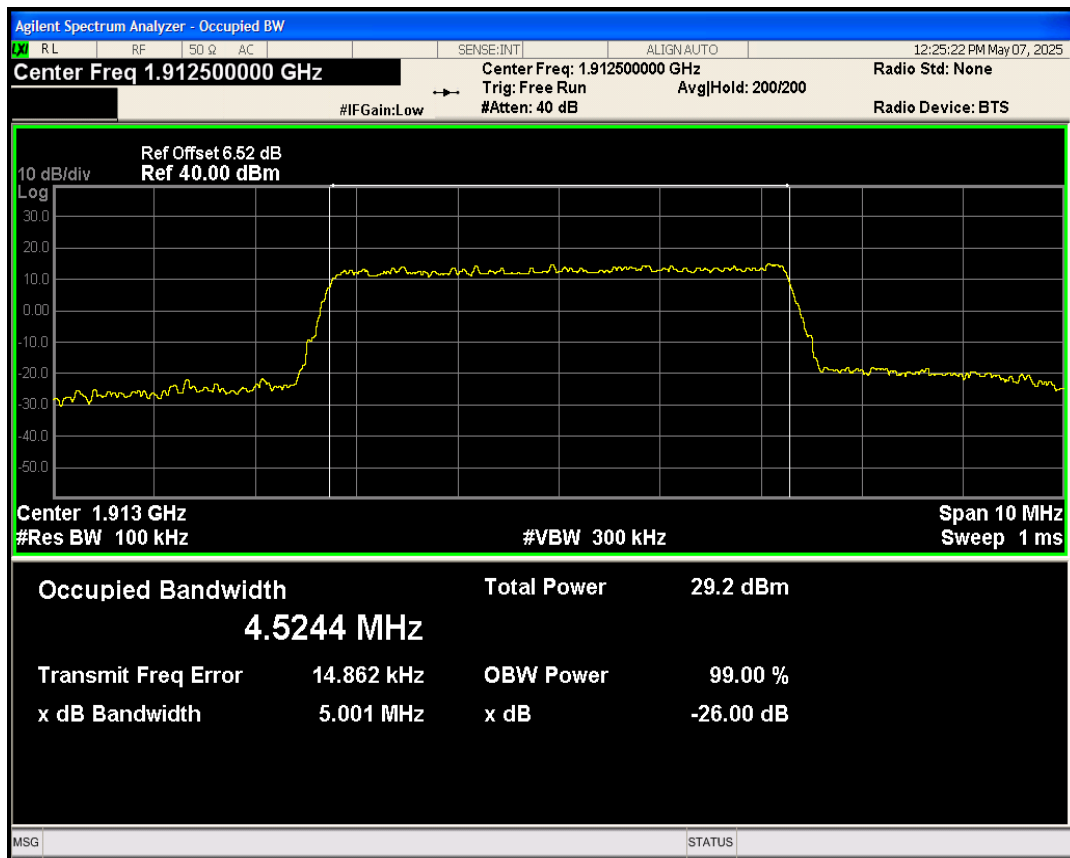


Band25 16QAM BW=5MHz Channel=26365 RB Size=25 Position=#0

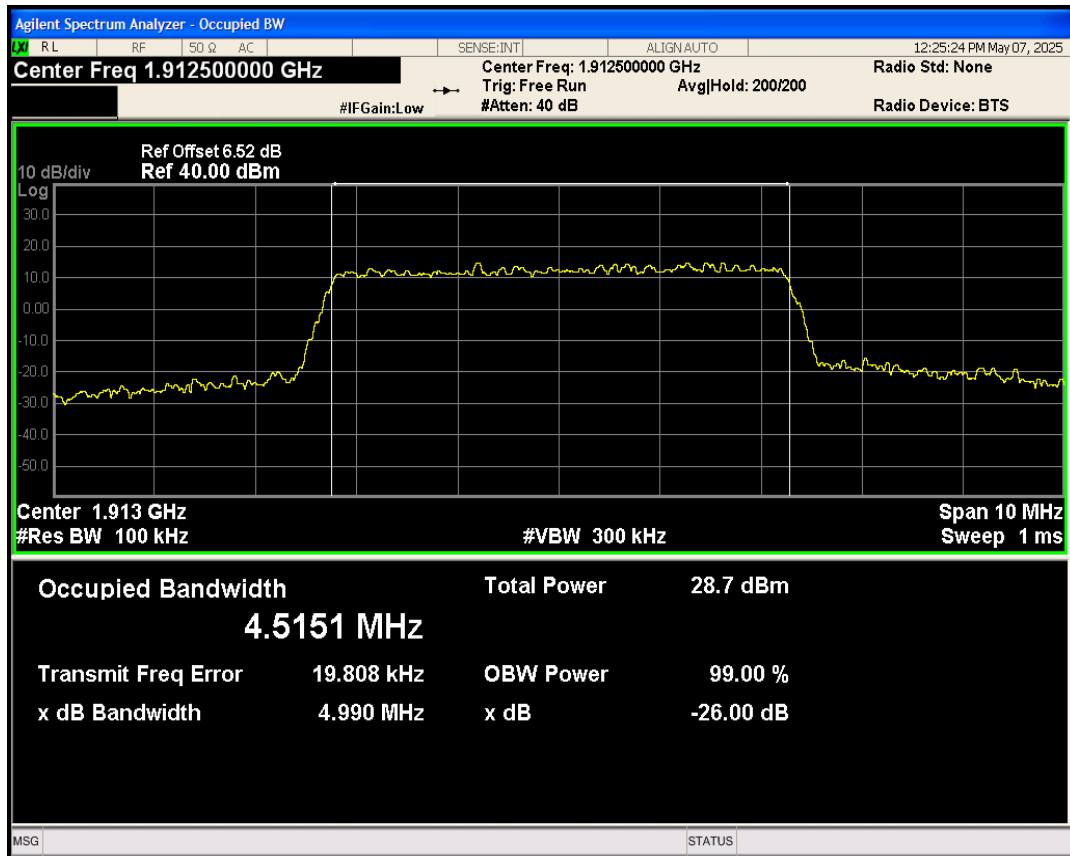




Band25 QPSK BW=5MHz Channel=26665 RB Size=25 Position=#0

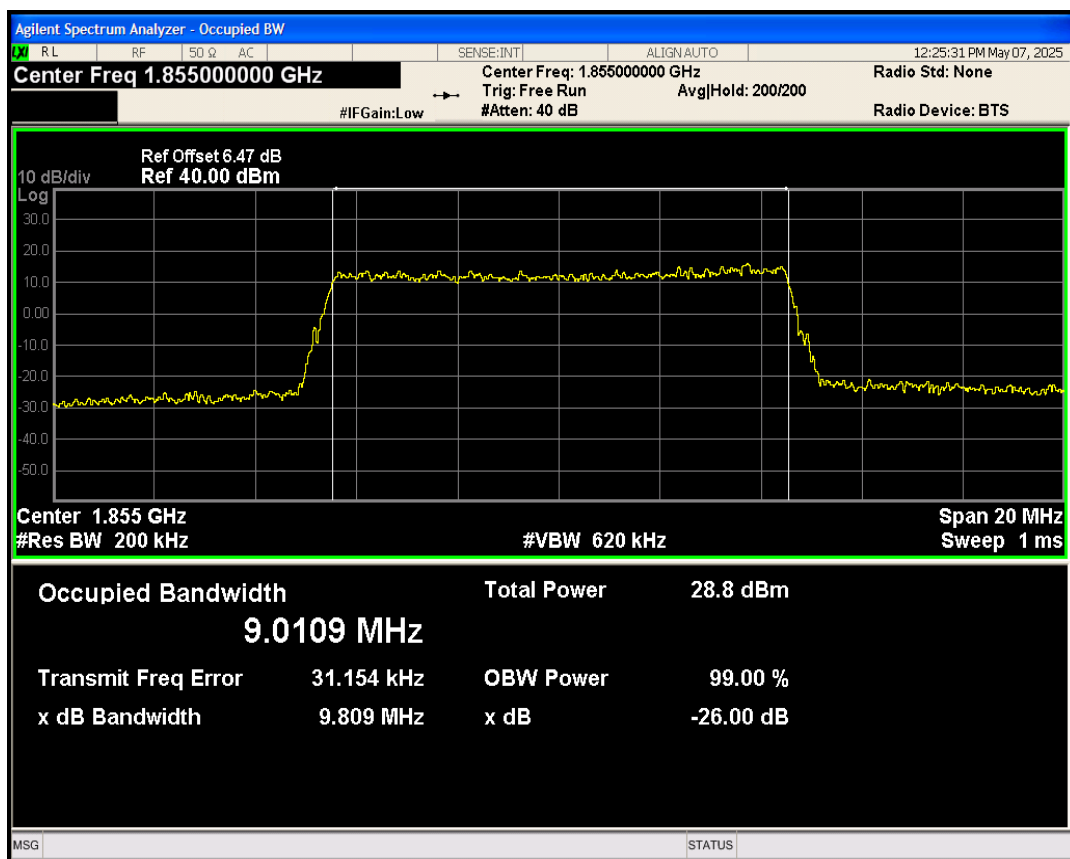


Band25 16QAM BW=5MHz Channel=26665 RB Size=25 Position=#0

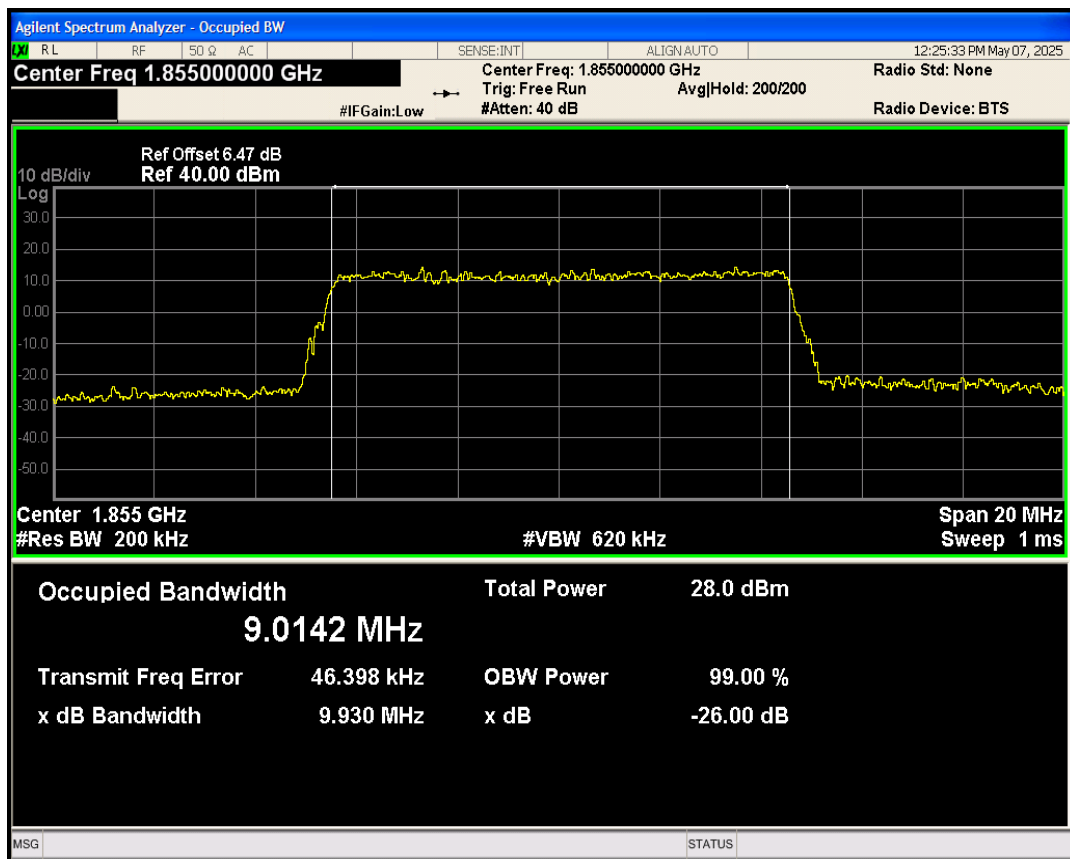




Band25 QPSK BW=10MHz Channel=26090 RB Size=50 Position=#0

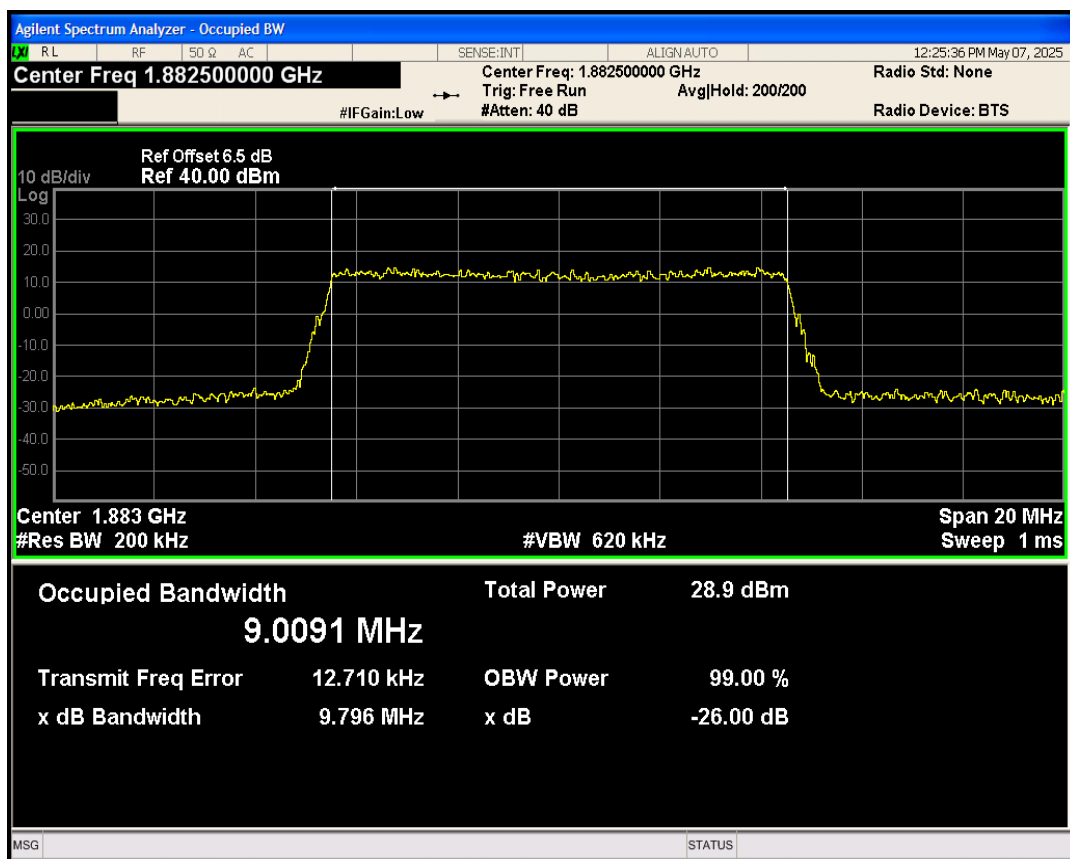


Band25 16QAM BW=10MHz Channel=26090 RB Size=50 Position=#0

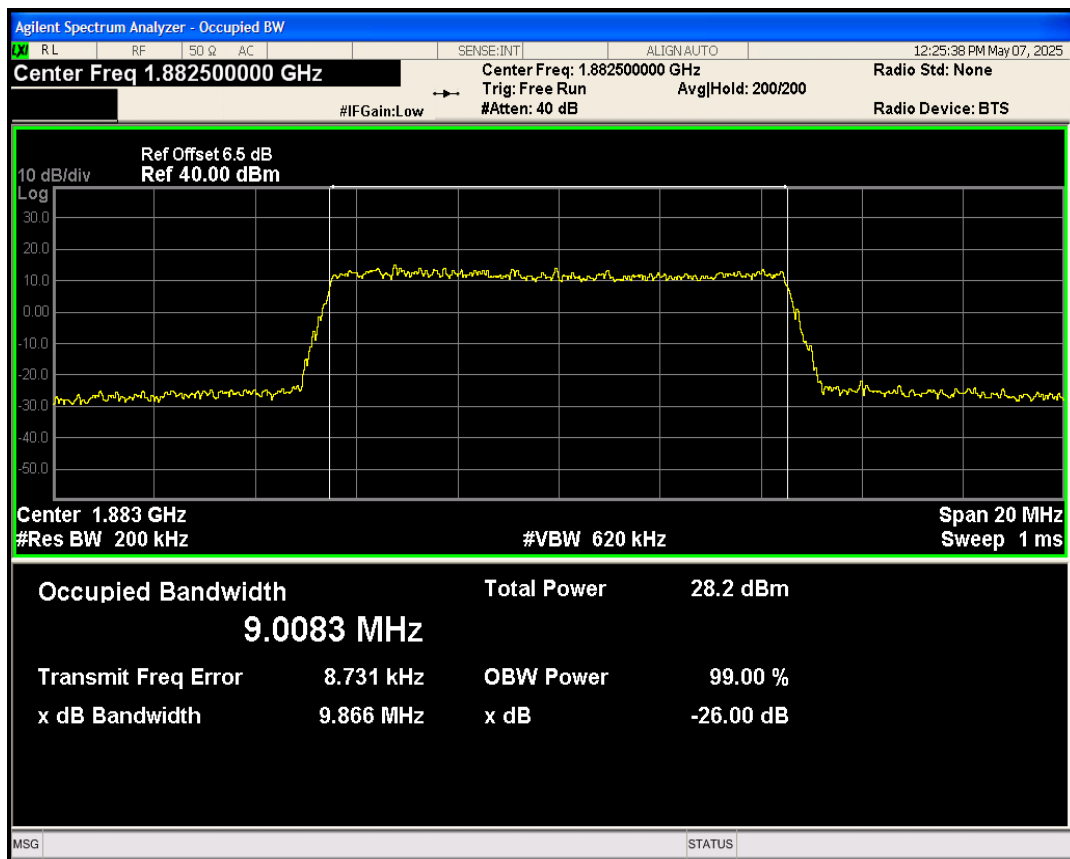




Band25 QPSK BW=10MHz Channel=26365 RB Size=50 Position=#0

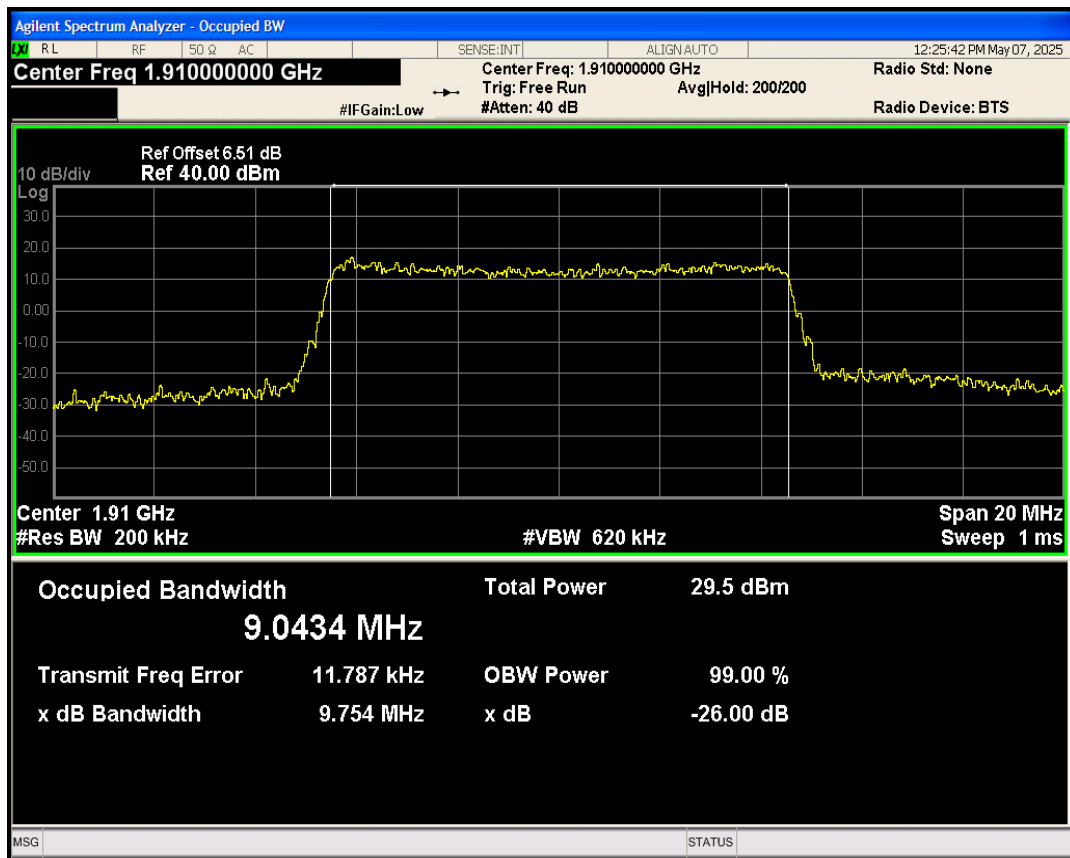


Band25 16QAM BW=10MHz Channel=26365 RB Size=50 Position=#0

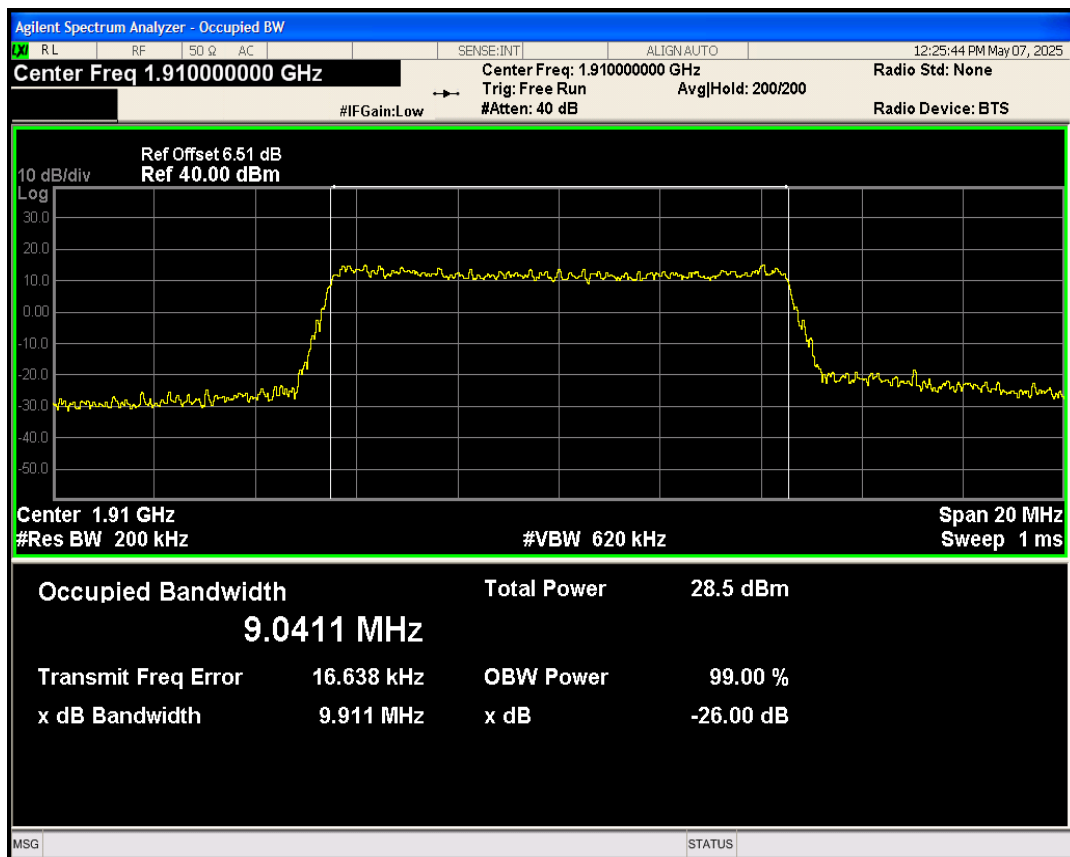




Band25 QPSK BW=10MHz Channel=26640 RB Size=50 Position=#0

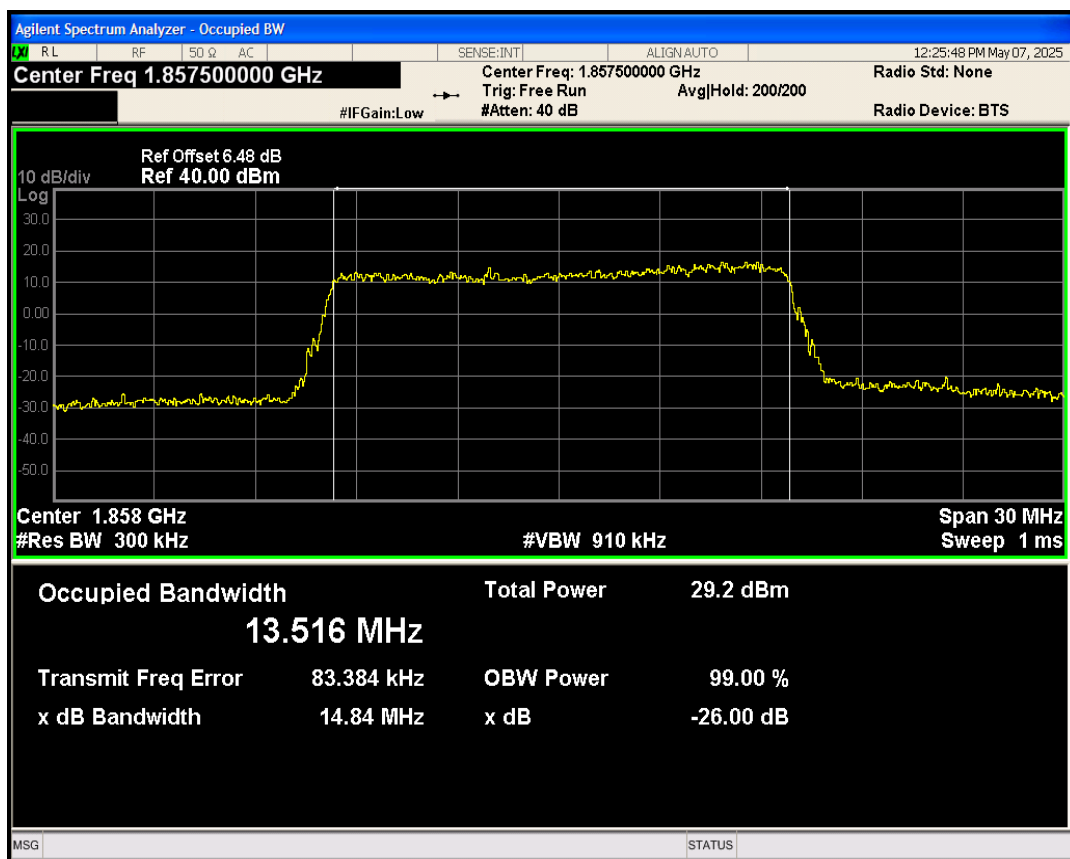


Band25 16QAM BW=10MHz Channel=26640 RB Size=50 Position=#0

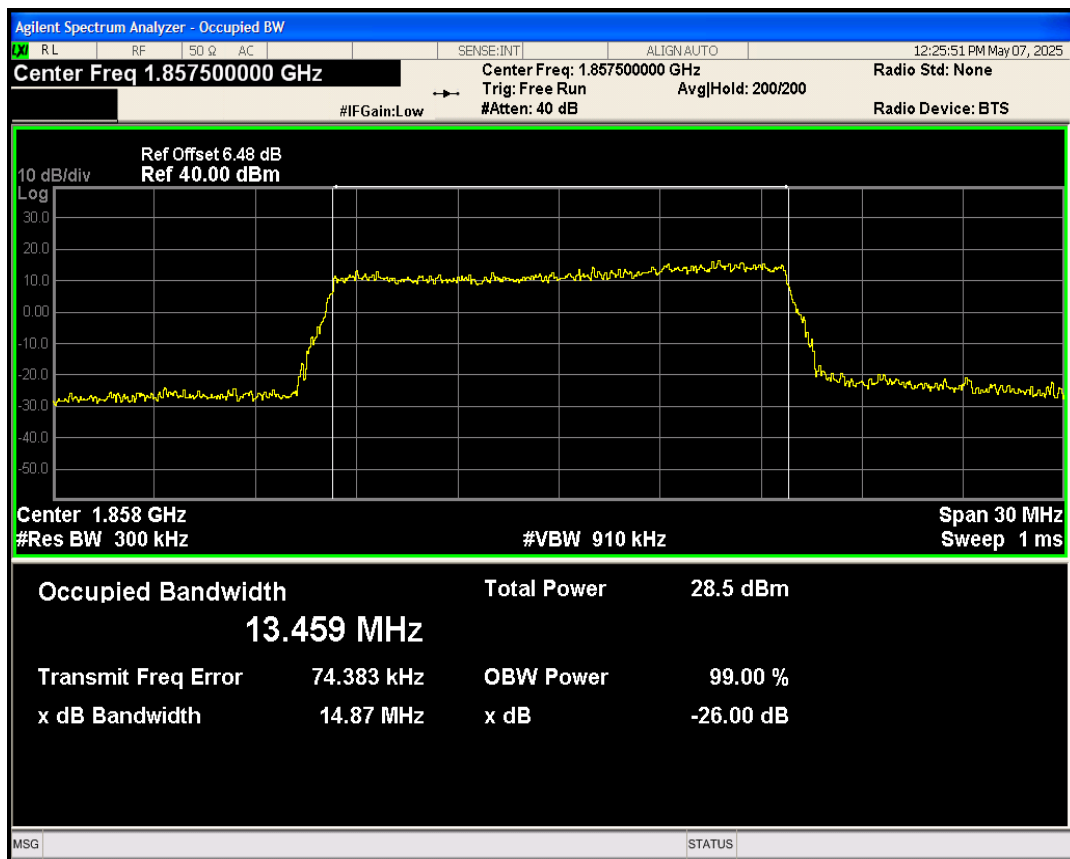




Band25 QPSK BW=15MHz Channel=26115 RB Size=75 Position=#0

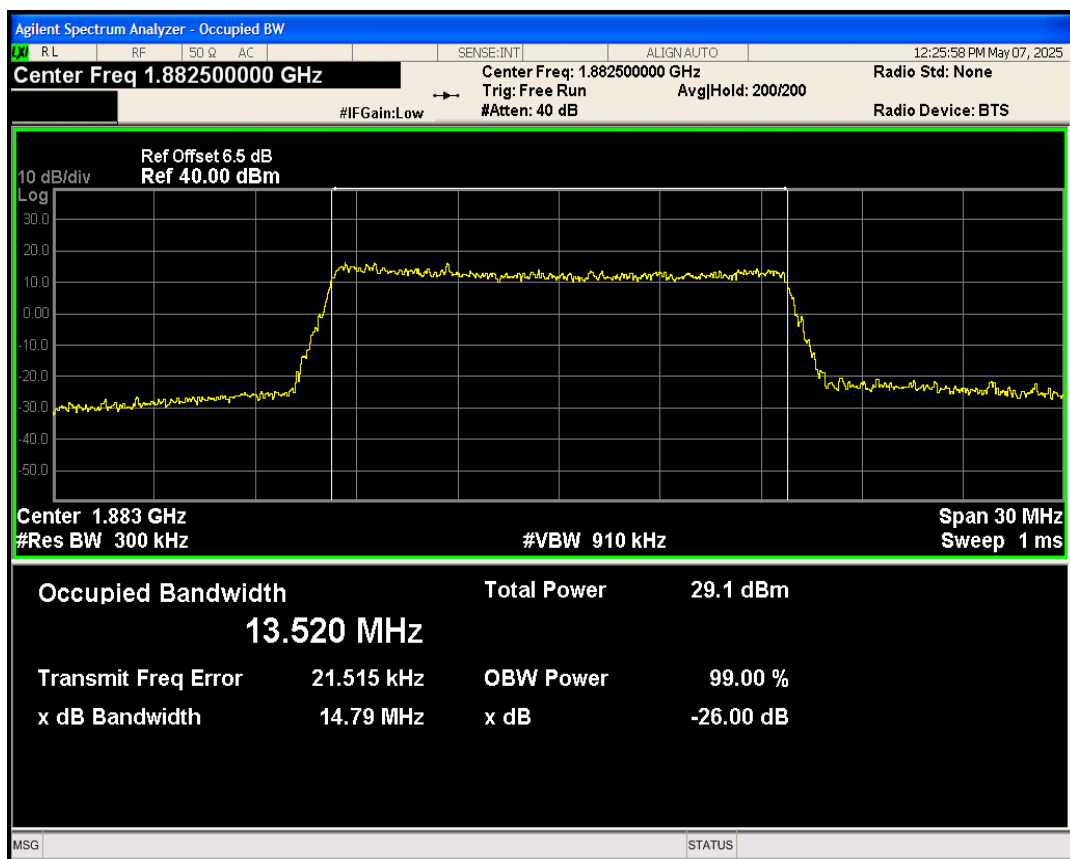


Band25 16QAM BW=15MHz Channel=26115 RB Size=75 Position=#0

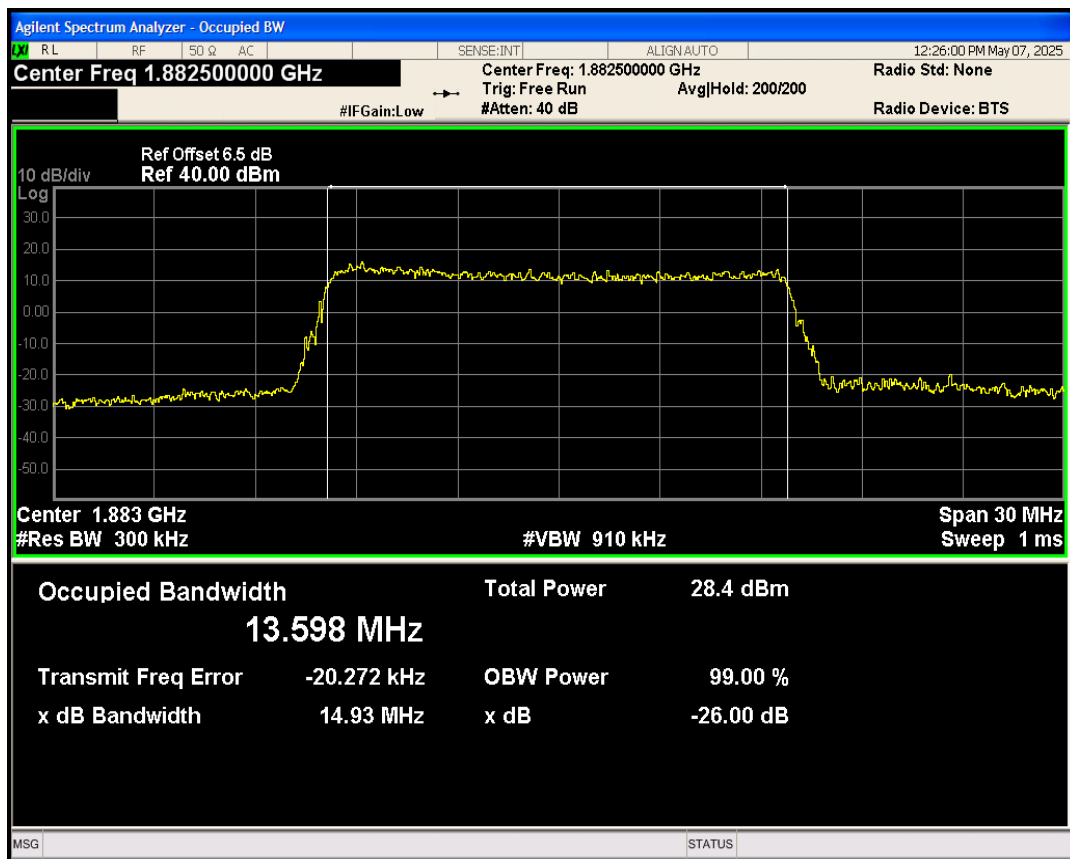




Band25 QPSK BW=15MHz Channel=26365 RB Size=75 Position=#0

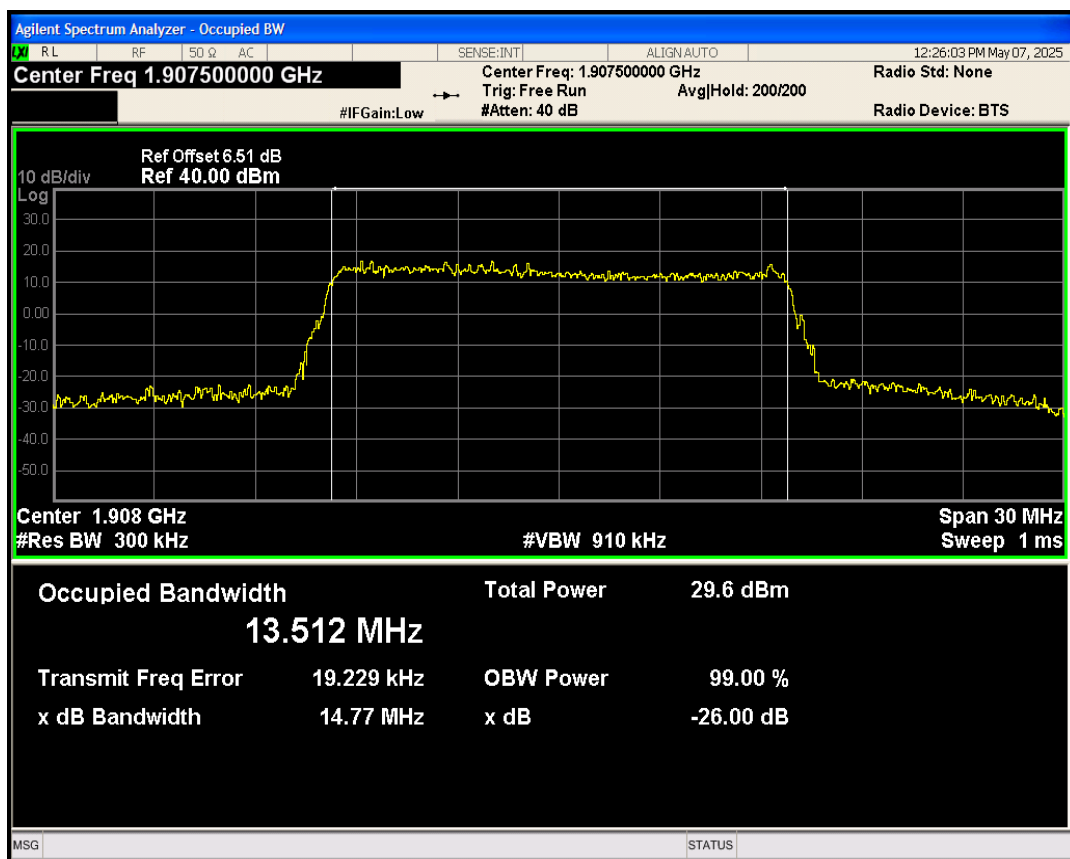


Band25 16QAM BW=15MHz Channel=26365 RB Size=75 Position=#0

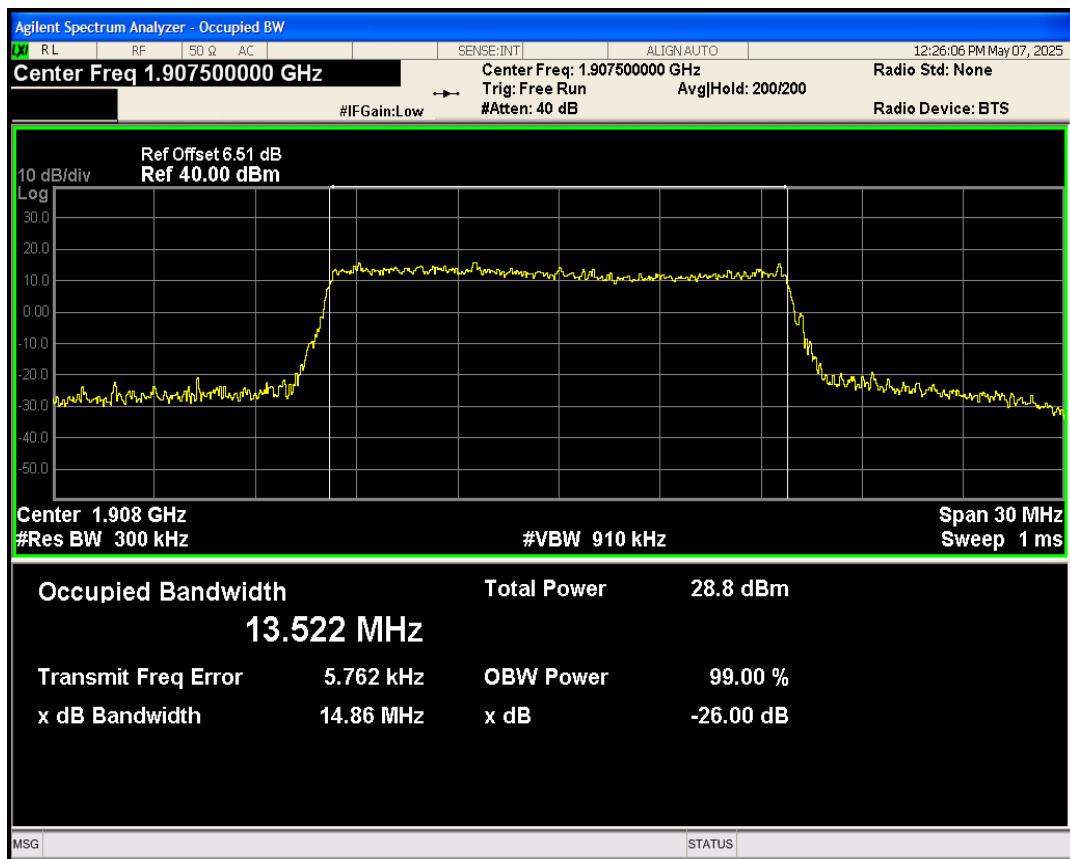




Band25 QPSK BW=15MHz Channel=26615 RB Size=75 Position=#0

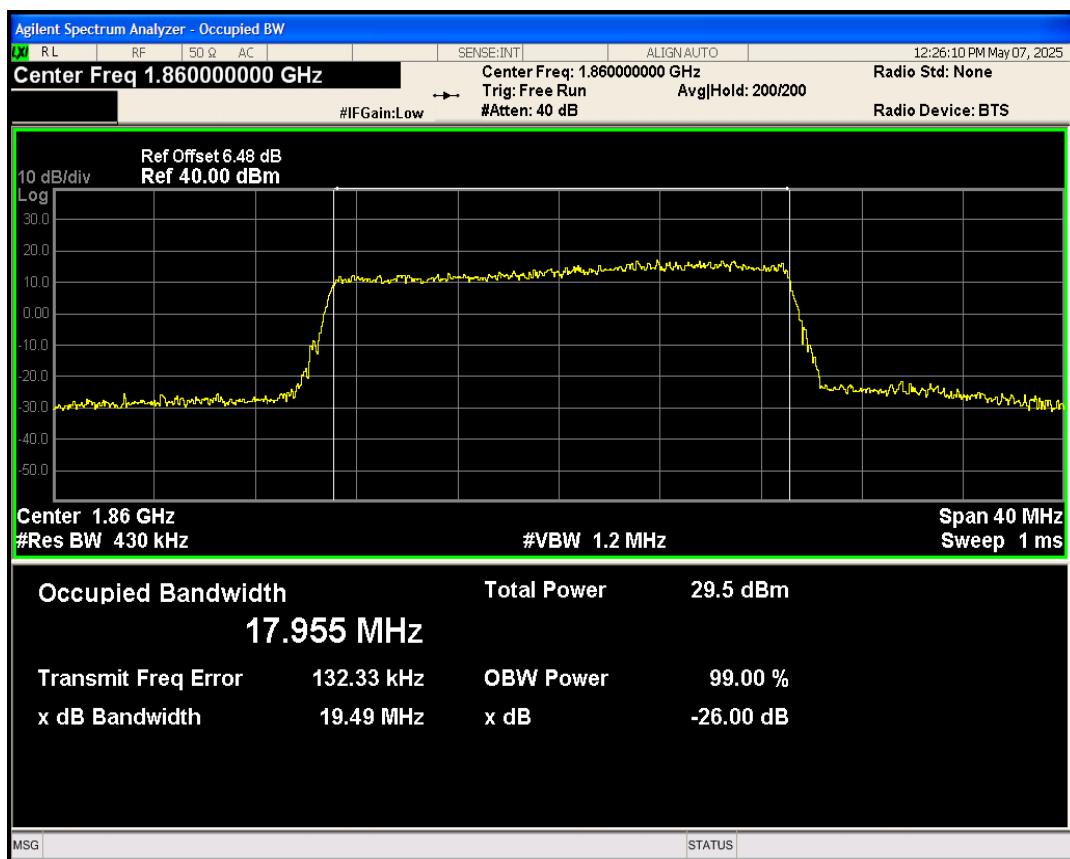


Band25 16QAM BW=15MHz Channel=26615 RB Size=75 Position=#0

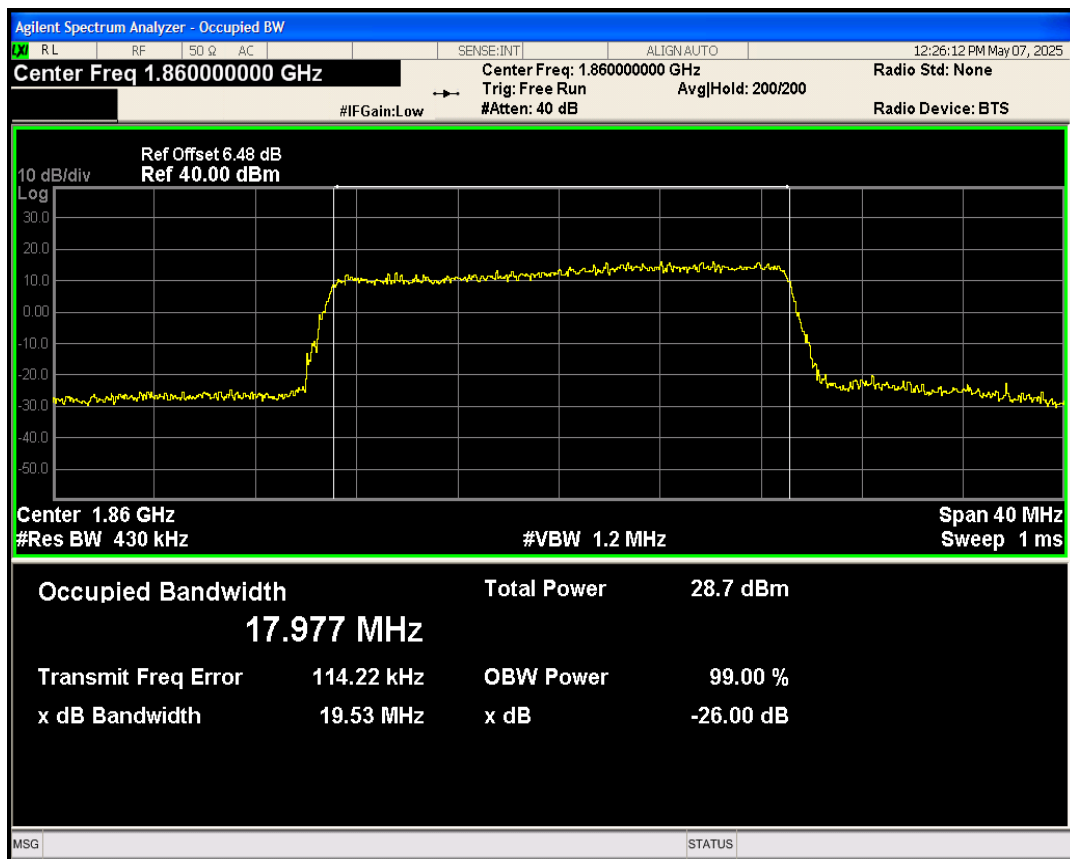




Band25 QPSK BW=20MHz Channel=26140 RB Size=100 Position=#0

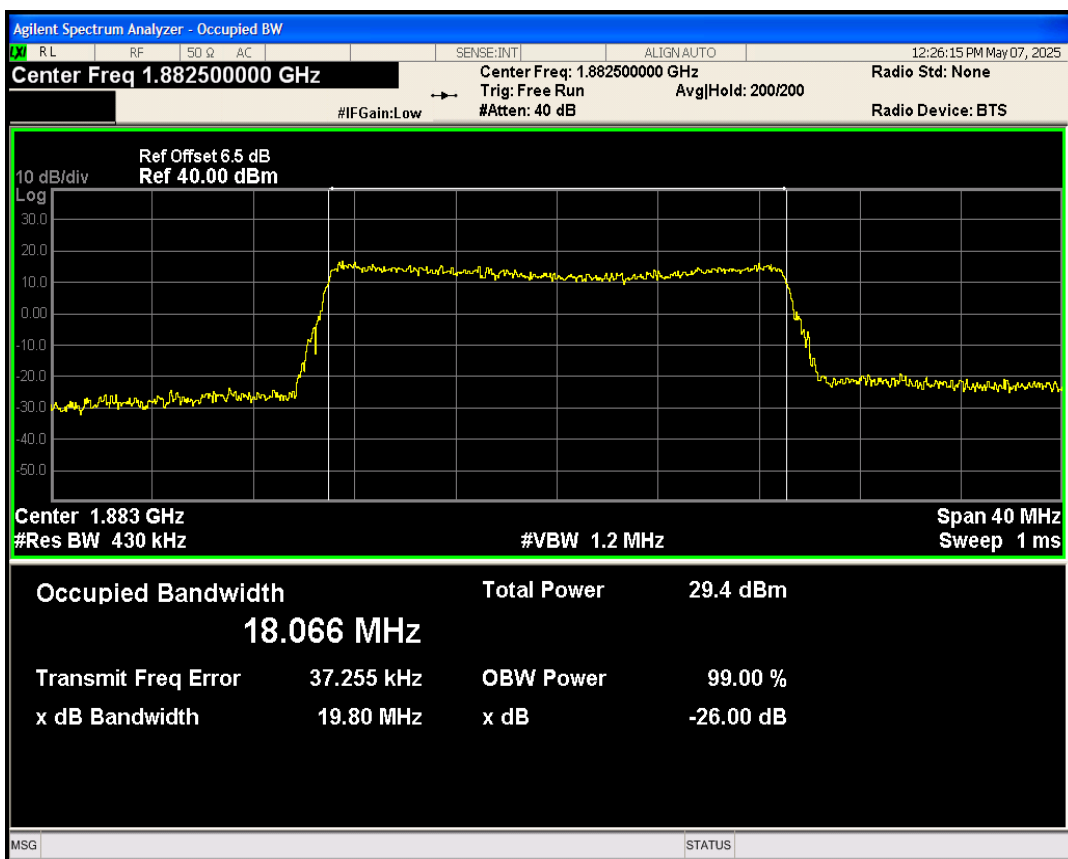


Band25 16QAM BW=20MHz Channel=26140 RB Size=100 Position=#0

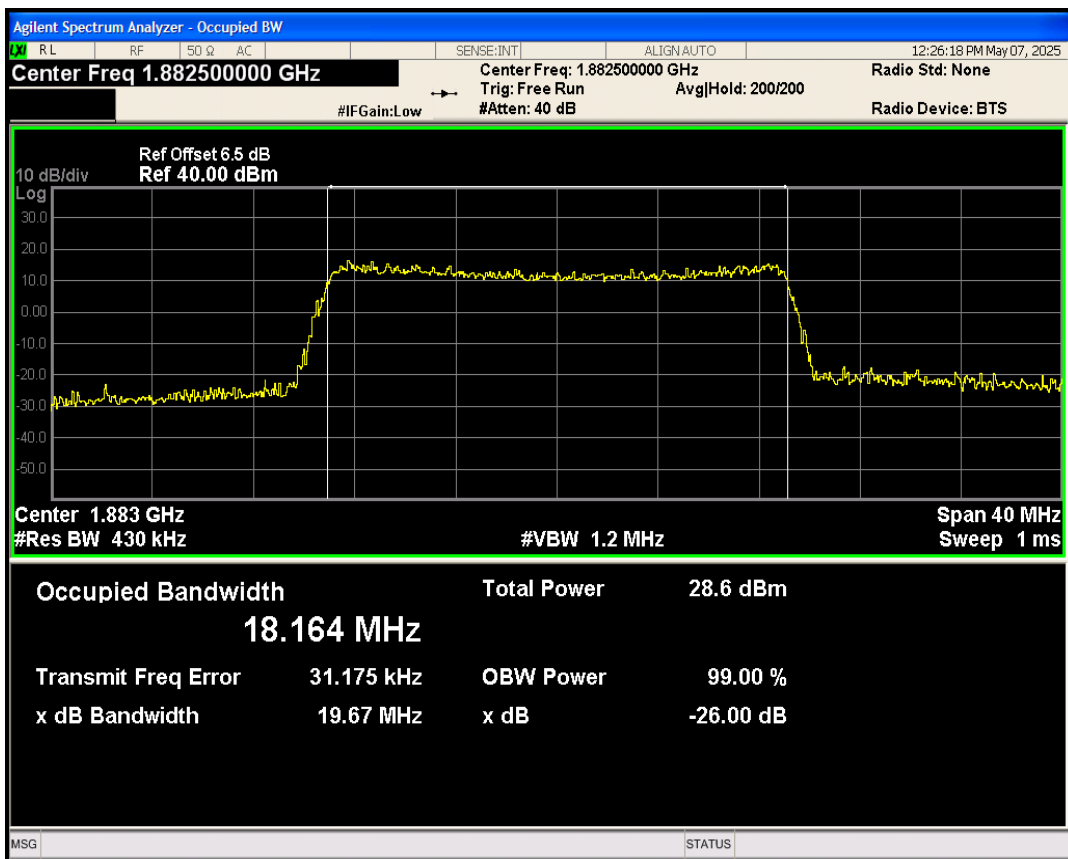




Band25 QPSK BW=20MHz Channel=26365 RB Size=100 Position=#0

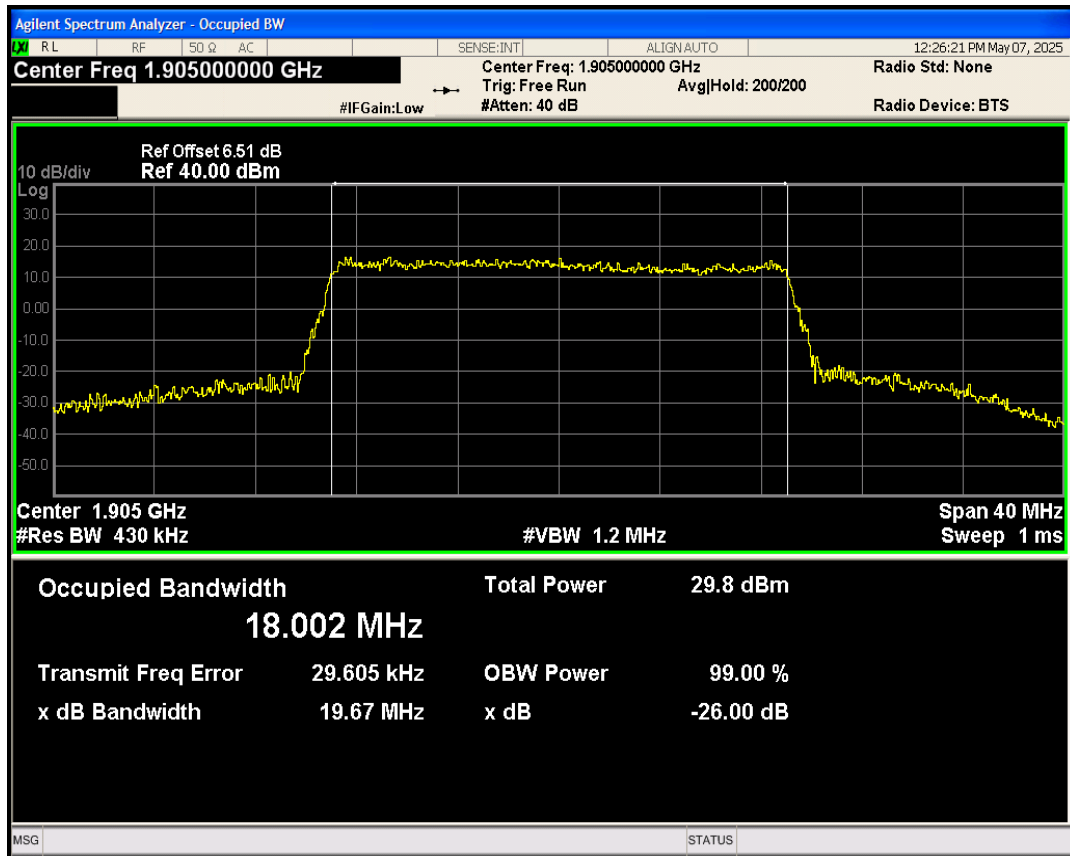


Band25 16QAM BW=20MHz Channel=26365 RB Size=100 Position=#0

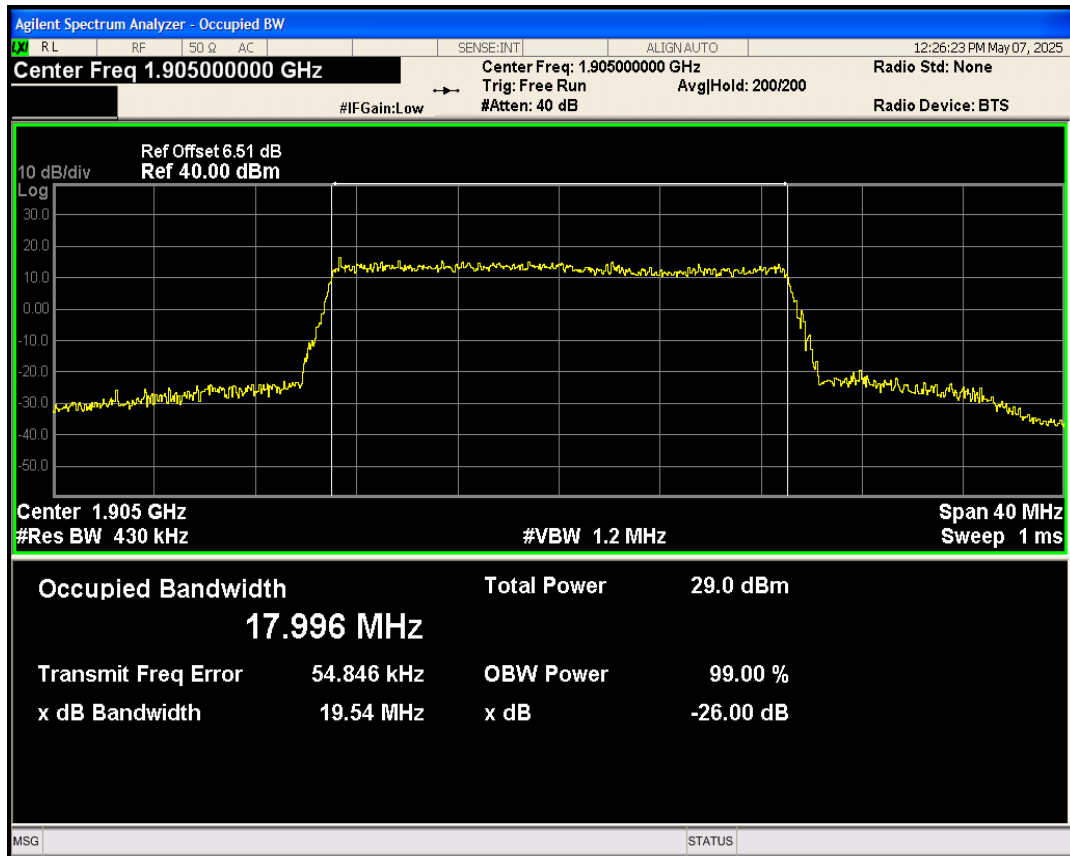




Band25 QPSK BW=20MHz Channel=26590 RB Size=100 Position=#0



Band25 16QAM BW=20MHz Channel=26590 RB Size=100 Position=#0

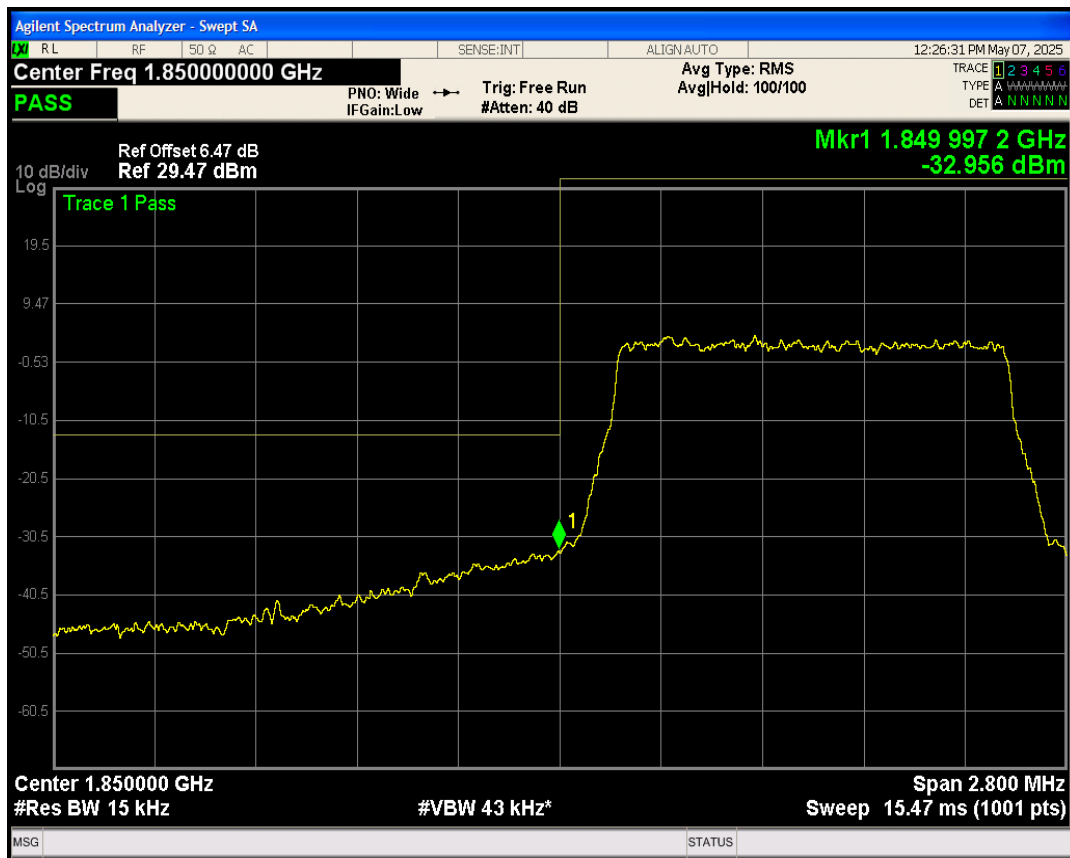


Appendix 5. Band edge

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	-32.95	-13	PASS
Band25	1.4	26047	6	#0	16QAM	1849.97	-33.22	-13	PASS
Band25	1.4	26683	6	#0	QPSK	1915.07	-26.03	-13	PASS
Band25	1.4	26683	6	#0	16QAM	1915.03	-26.64	-13	PASS
Band25	3	26055	15	#0	QPSK	1850.00	-26.82	-13	PASS
Band25	3	26055	15	#0	16QAM	1850.00	-25.59	-13	PASS
Band25	3	26675	15	#0	QPSK	1915.02	-24.17	-13	PASS
Band25	3	26675	15	#0	16QAM	1915.00	-24.74	-13	PASS
Band25	5	26065	25	#0	QPSK	1850.00	-31.11	-13	PASS
Band25	5	26065	25	#0	16QAM	1850.00	-32.29	-13	PASS
Band25	5	26665	25	#0	QPSK	1915.00	-27.16	-13	PASS
Band25	5	26665	25	#0	16QAM	1915.00	-28.82	-13	PASS
Band25	10	26090	50	#0	QPSK	1849.96	-34.05	-13	PASS
Band25	10	26090	50	#0	16QAM	1850.00	-34.25	-13	PASS
Band25	10	26640	50	#0	QPSK	1915.02	-29.67	-13	PASS
Band25	10	26640	50	#0	16QAM	1915.14	-31.55	-13	PASS
Band25	15	26115	75	#0	QPSK	1850.00	-35.80	-13	PASS
Band25	15	26115	75	#0	16QAM	1850.00	-34.17	-13	PASS
Band25	15	26615	75	#0	QPSK	1915.00	-30.83	-13	PASS
Band25	15	26615	75	#0	16QAM	1915.27	-31.87	-13	PASS
Band25	20	26140	100	#0	QPSK	1849.60	-37.56	-13	PASS
Band25	20	26140	100	#0	16QAM	1850.00	-36.25	-13	PASS
Band25	20	26590	100	#0	QPSK	1915.00	-33.41	-13	PASS
Band25	20	26590	100	#0	16QAM	1915.00	-33.36	-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

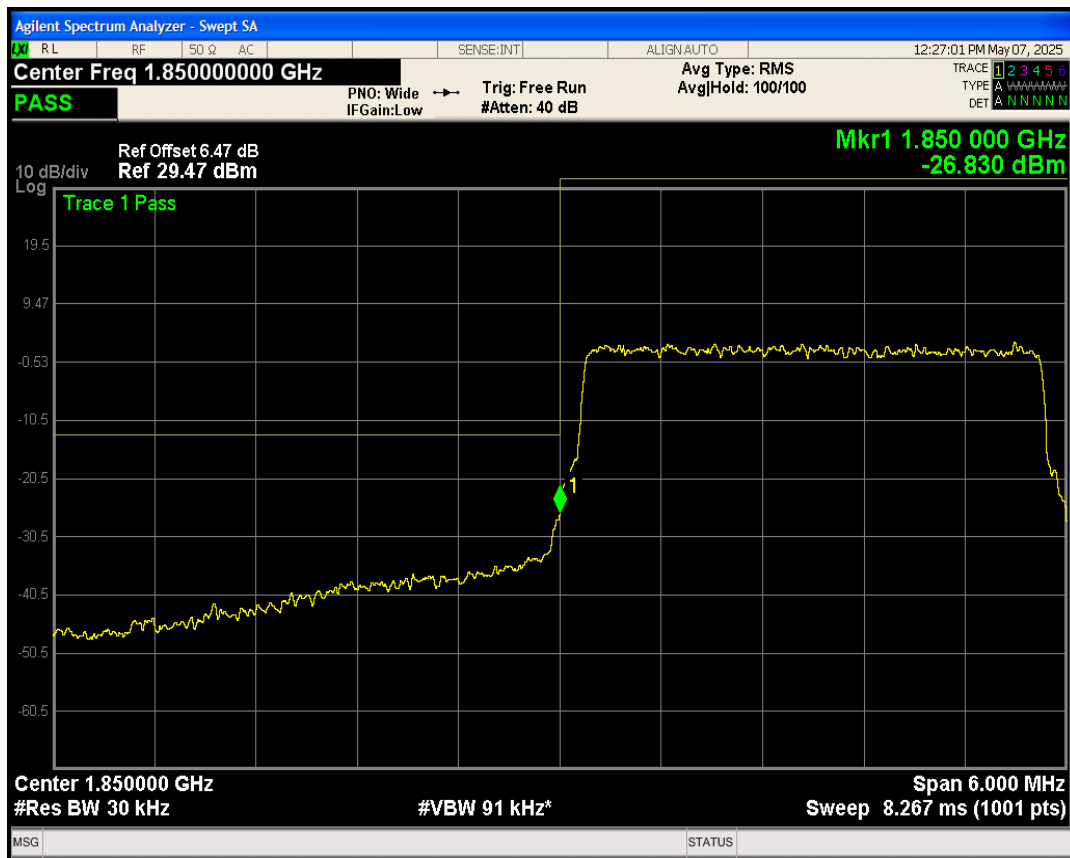


Band25 16QAM BW=1.4MHz Channel=26683 RB Size=6 Position=#0

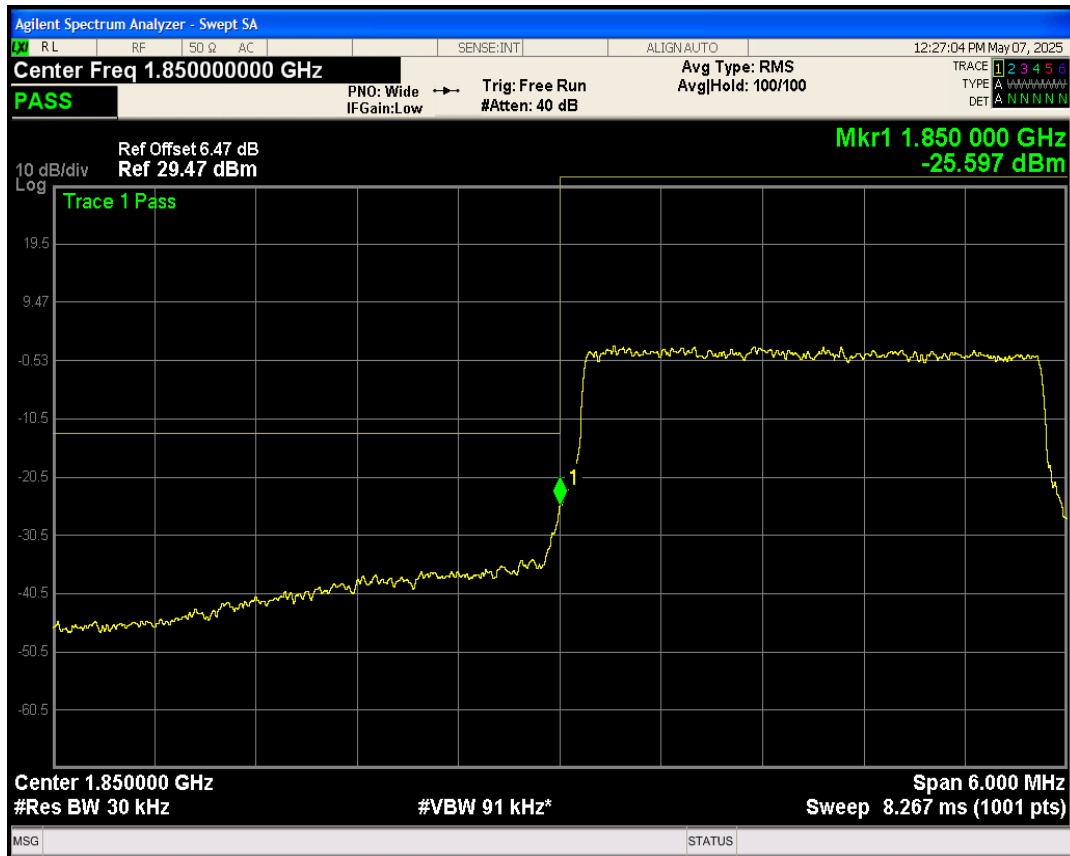




Band25 QPSK BW=3MHz Channel=26055 RB Size=15 Position=#0

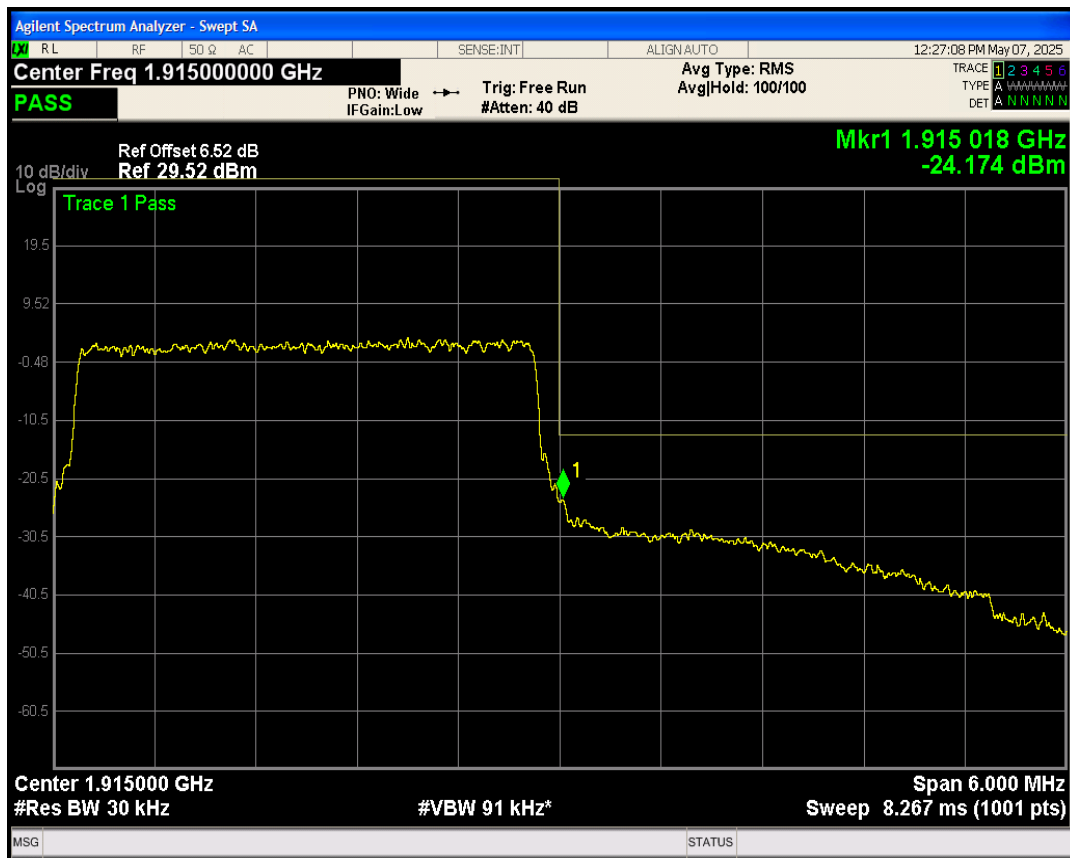


Band25 16QAM BW=3MHz Channel=26055 RB Size=15 Position=#0

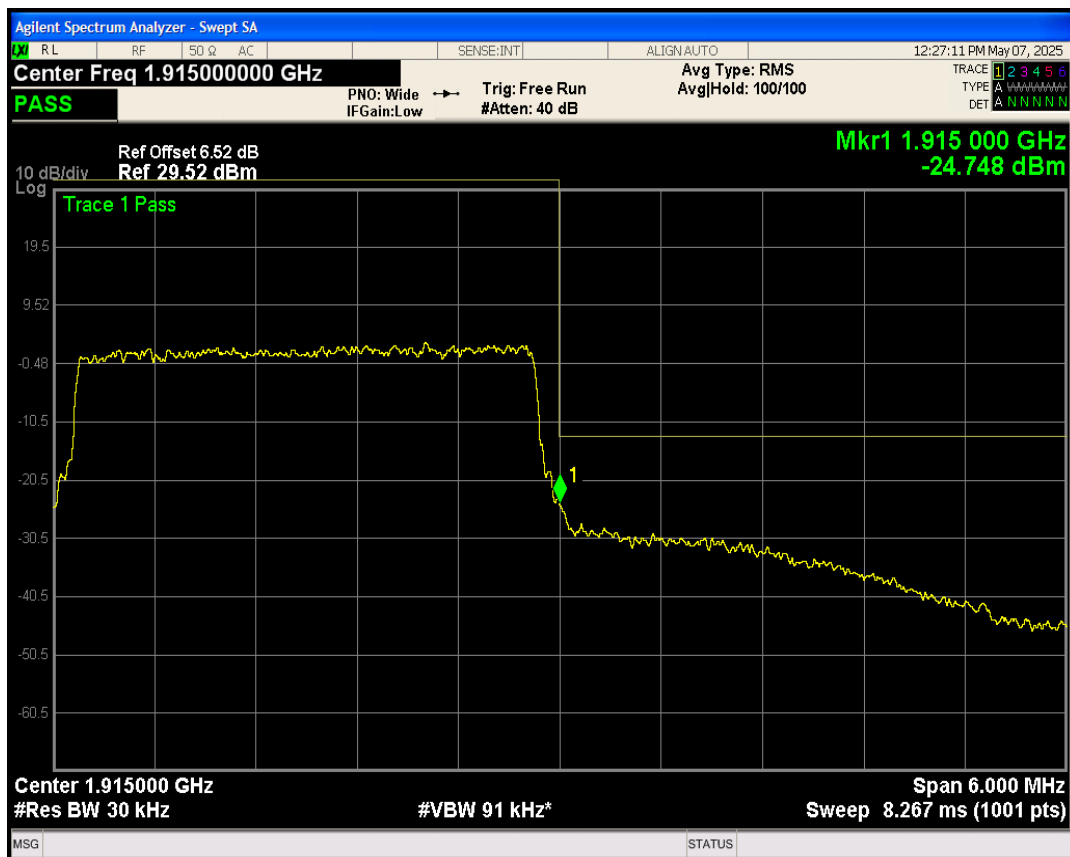




Band25 QPSK BW=3MHz Channel=26675 RB Size=15 Position=#0

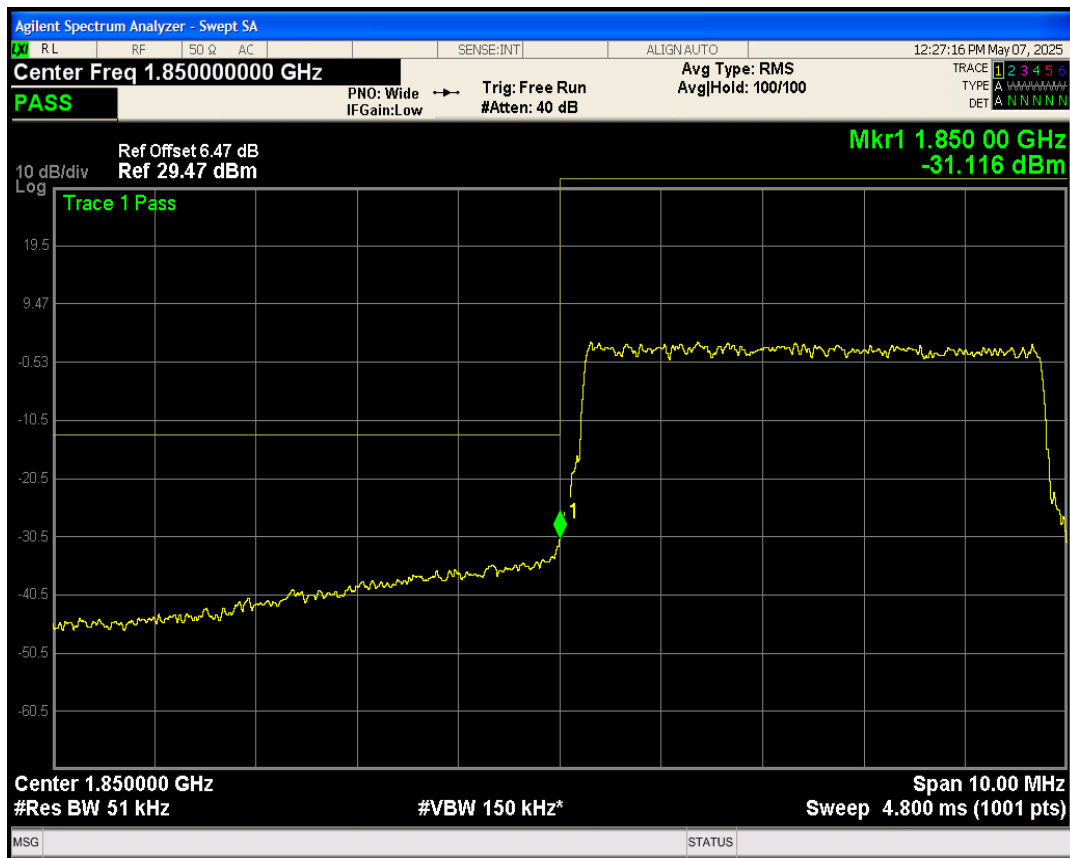


Band25 16QAM BW=3MHz Channel=26675 RB Size=15 Position=#0

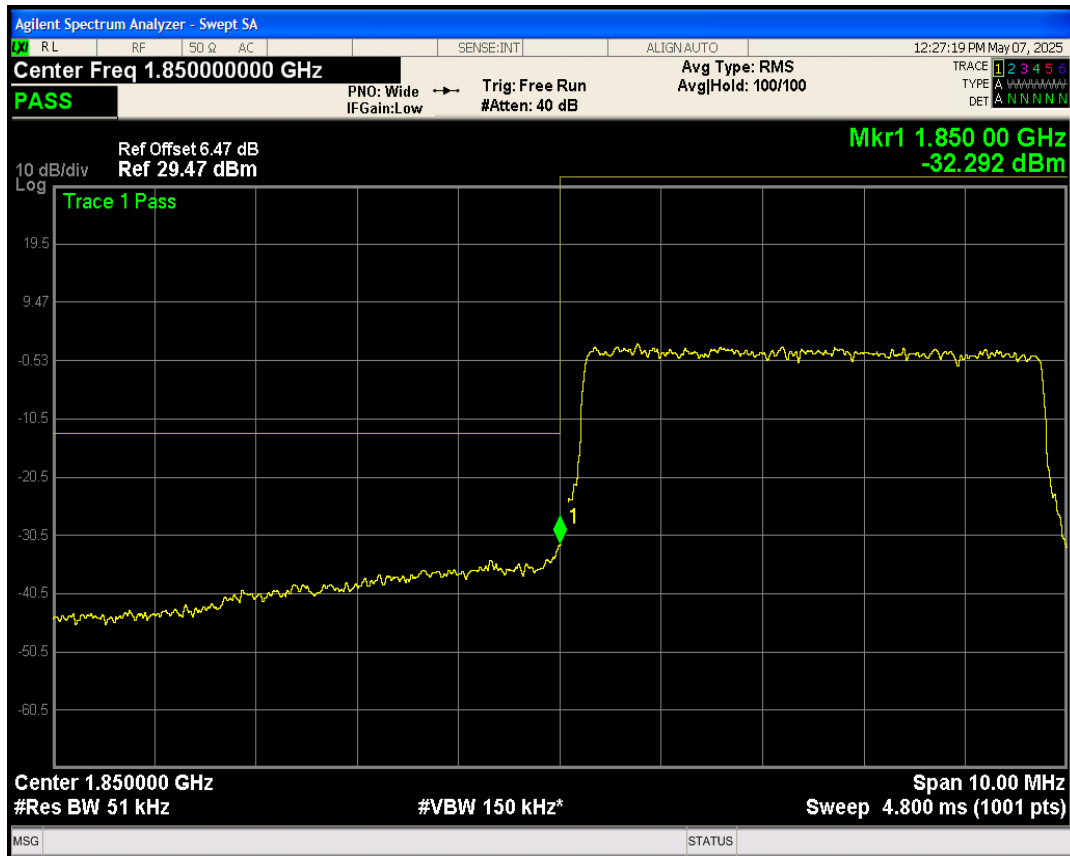




Band25 QPSK BW=5MHz Channel=26065 RB Size=25 Position=#0

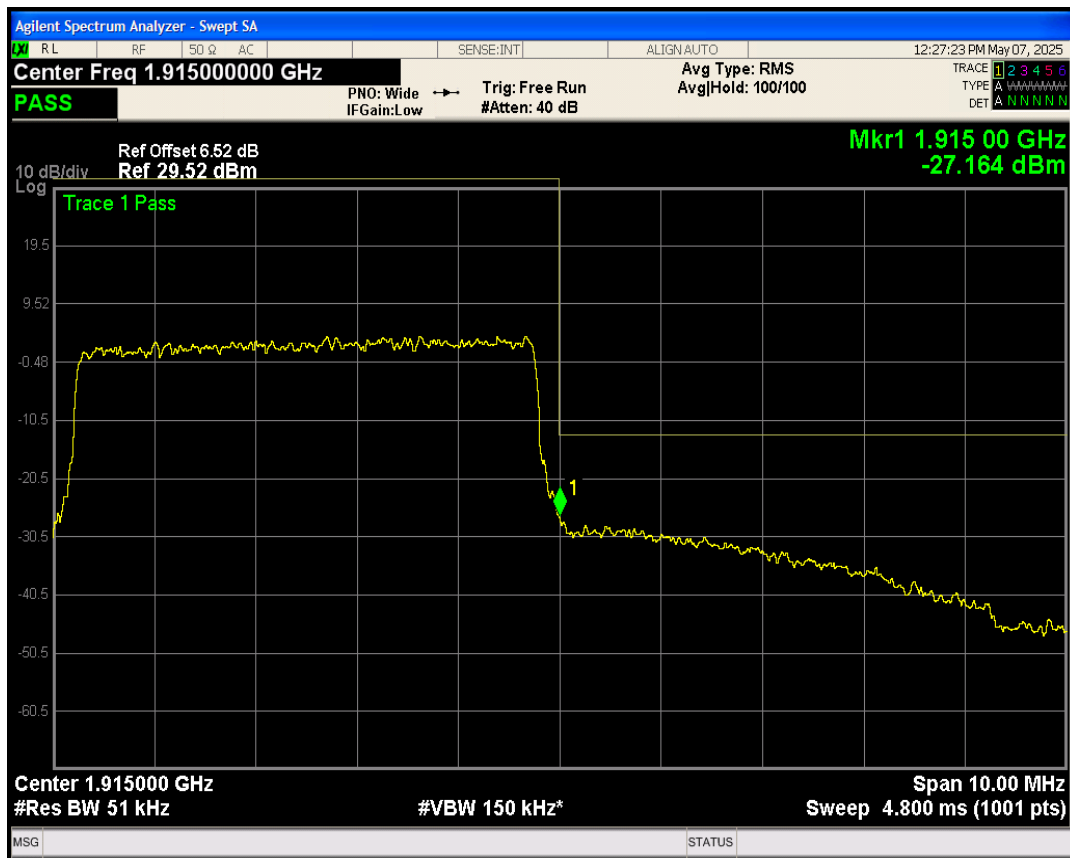


Band25 16QAM BW=5MHz Channel=26065 RB Size=25 Position=#0

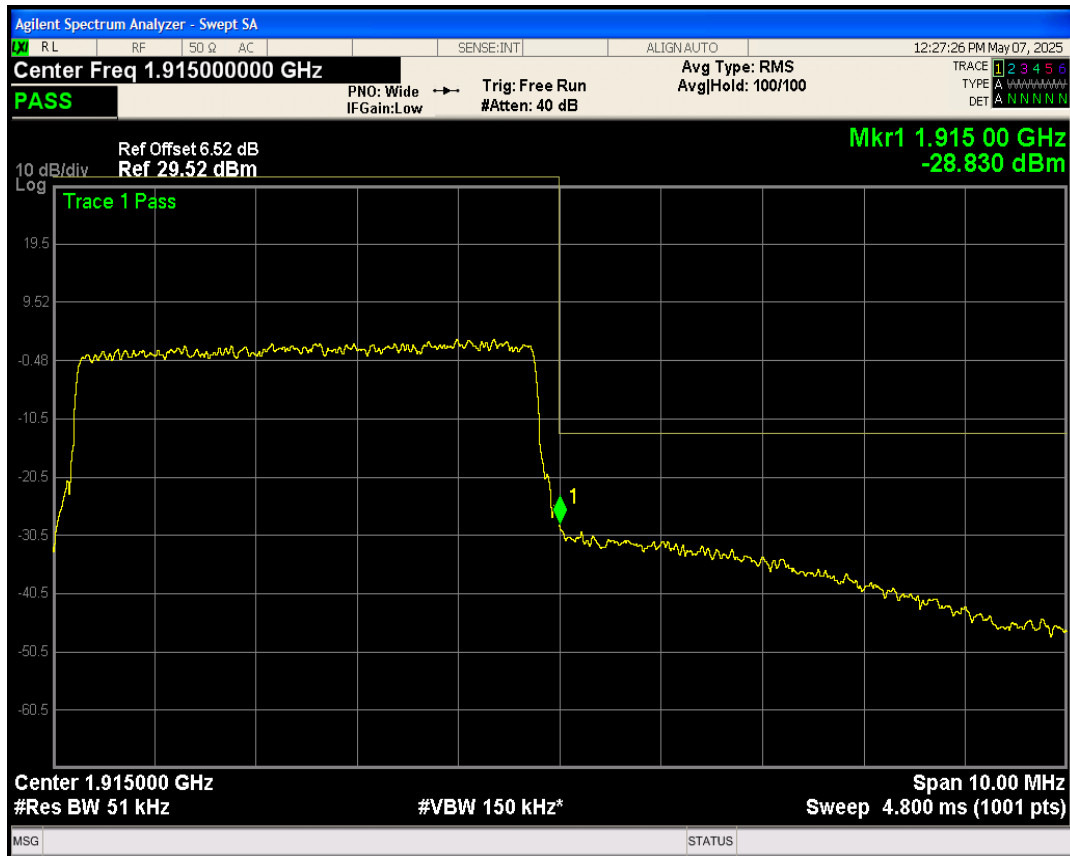




Band25 QPSK BW=5MHz Channel=26665 RB Size=25 Position=#0

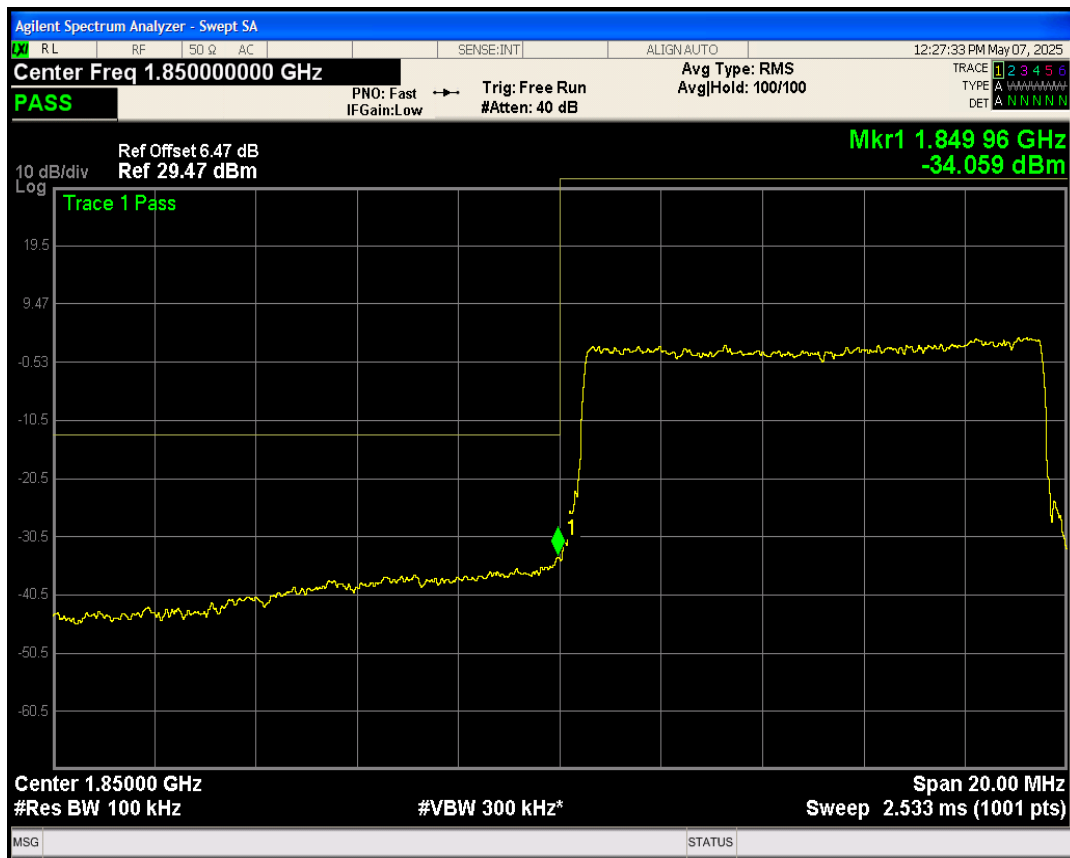


Band25 16QAM BW=5MHz Channel=26665 RB Size=25 Position=#0

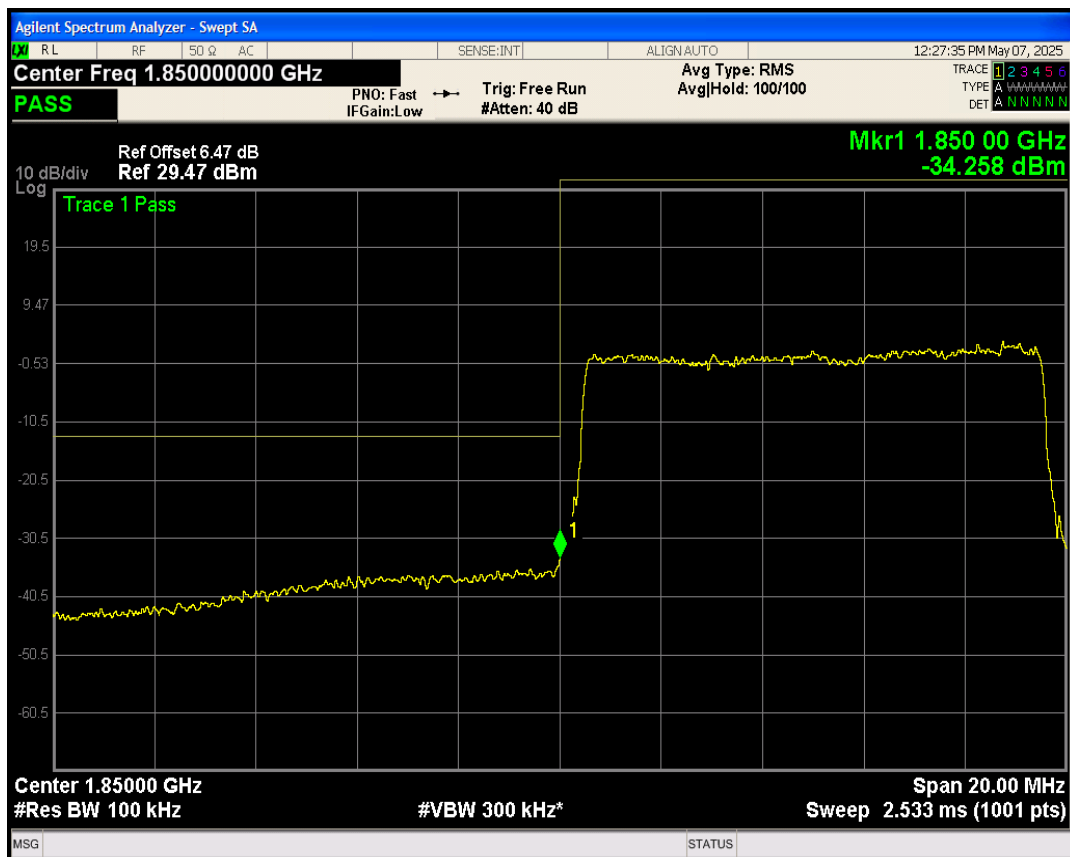




Band25 QPSK BW=10MHz Channel=26090 RB Size=50 Position=#0

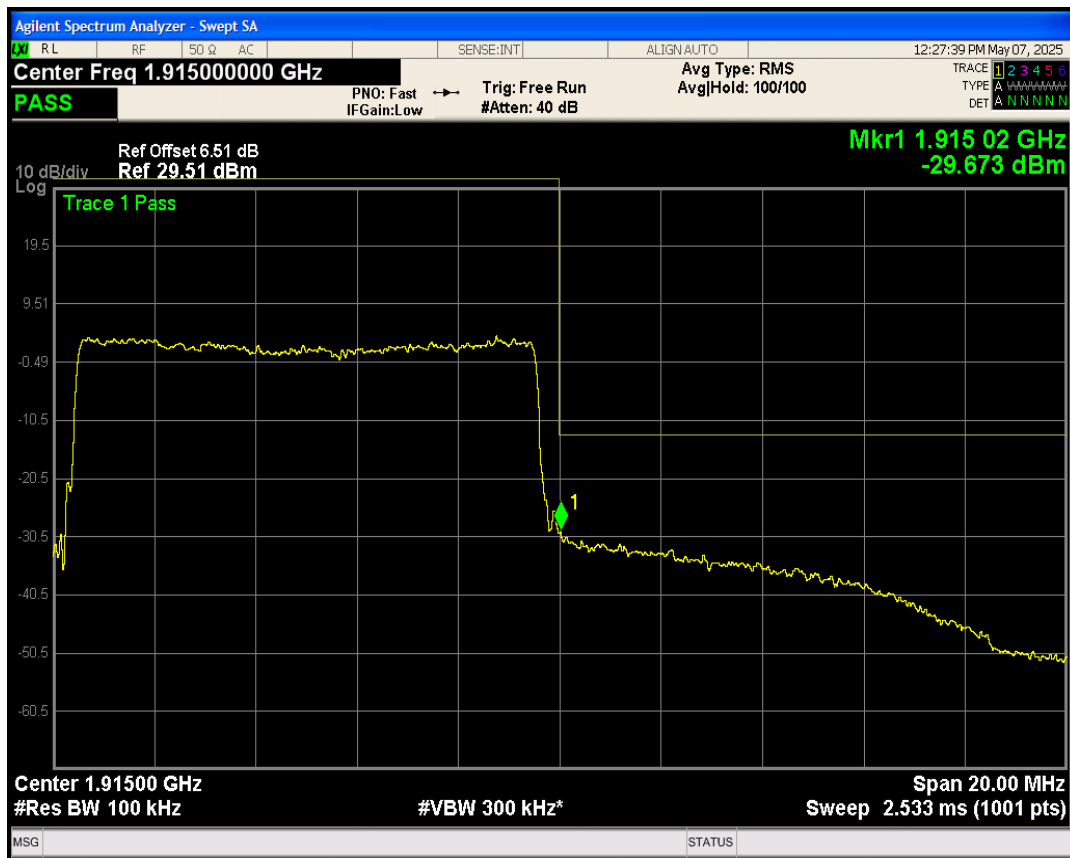


Band25 16QAM BW=10MHz Channel=26090 RB Size=50 Position=#0

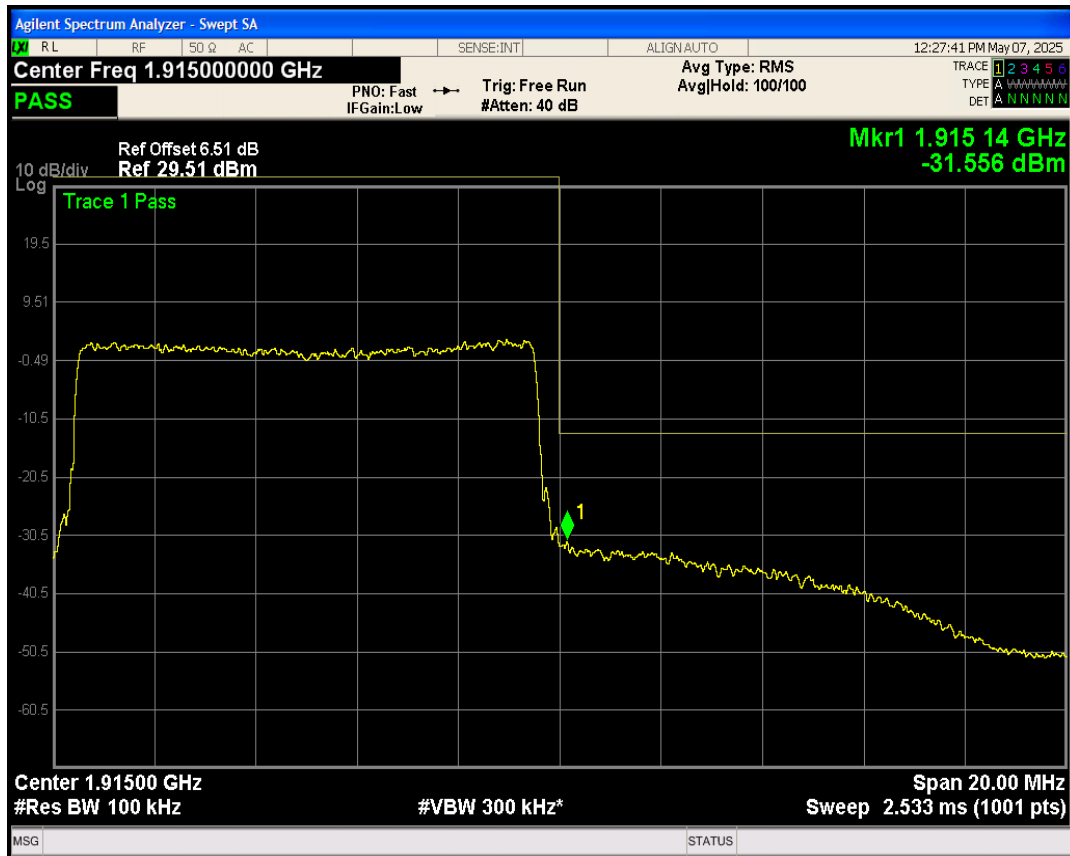




Band25 QPSK BW=10MHz Channel=26640 RB Size=50 Position=#0

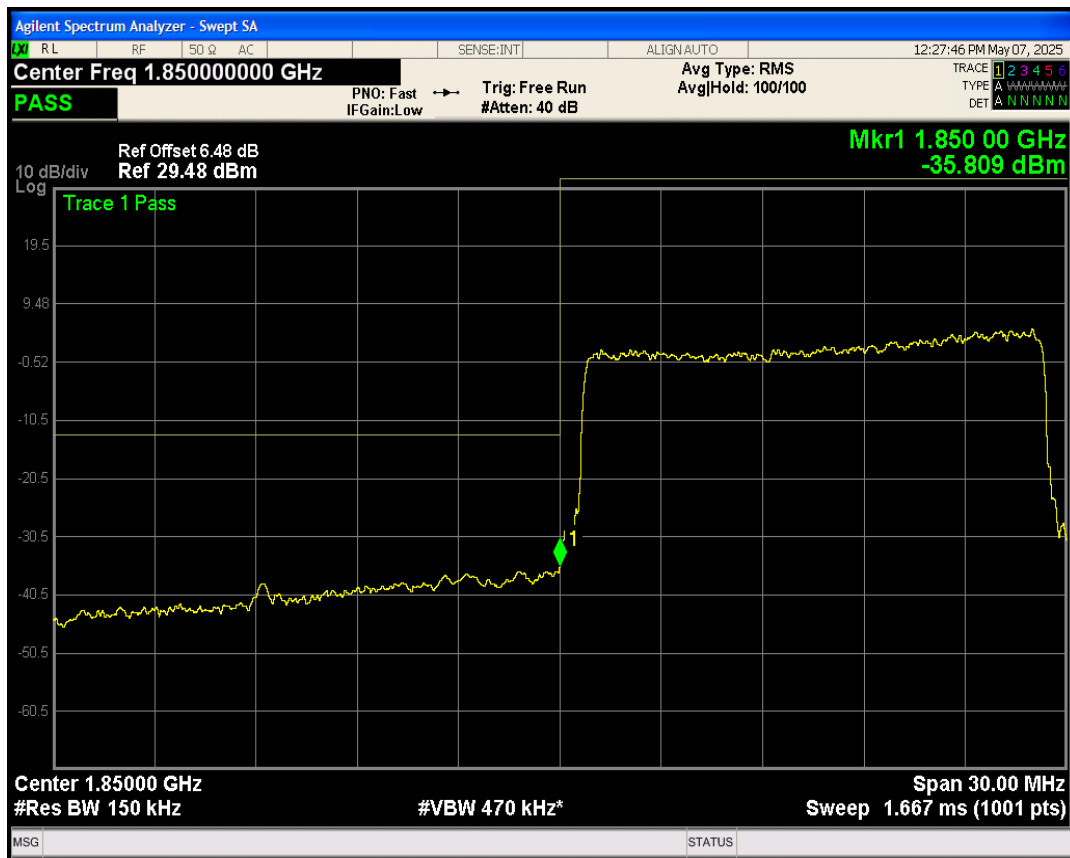


Band25 16QAM BW=10MHz Channel=26640 RB Size=50 Position=#0

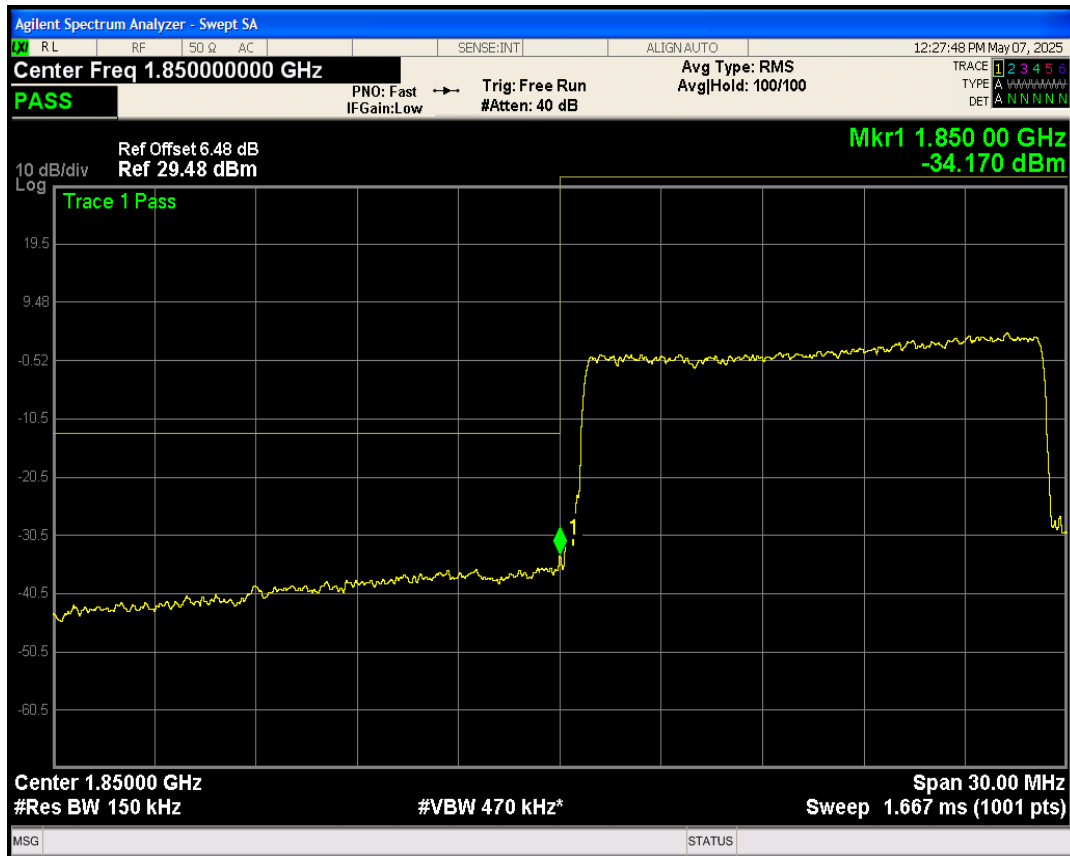




Band25 QPSK BW=15MHz Channel=26115 RB Size=75 Position=#0

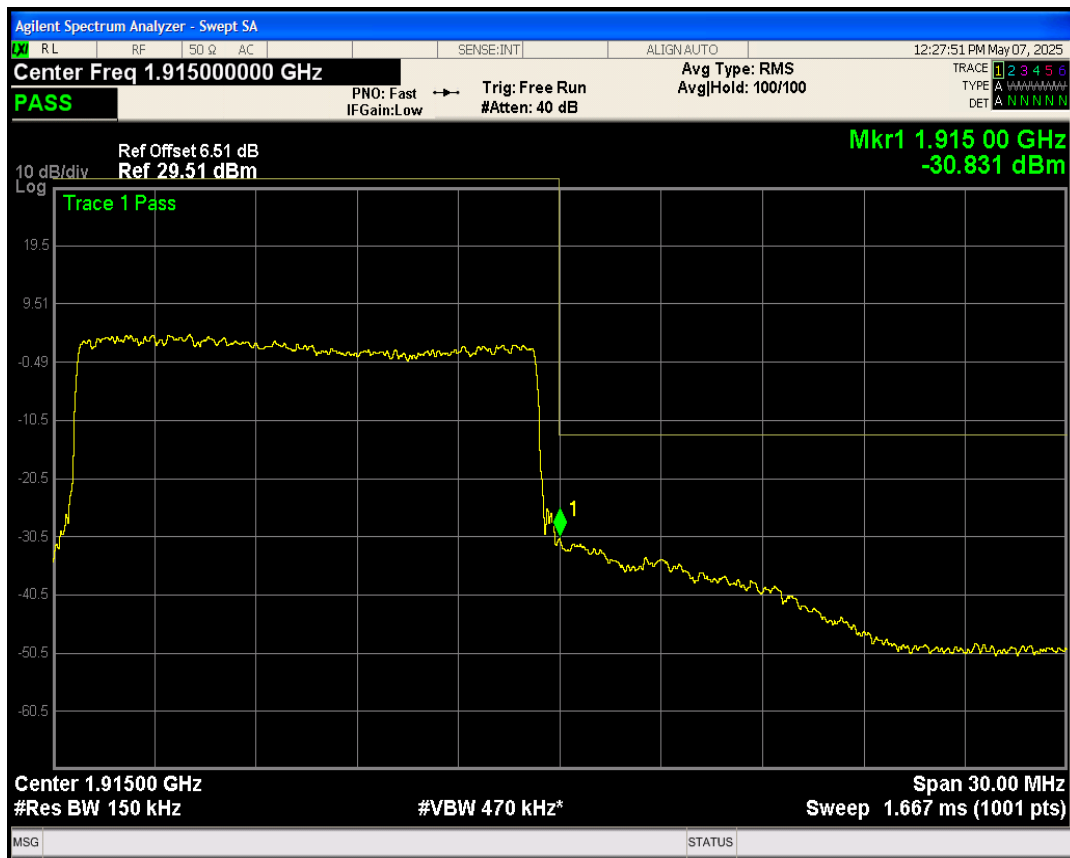


Band25 16QAM BW=15MHz Channel=26115 RB Size=75 Position=#0

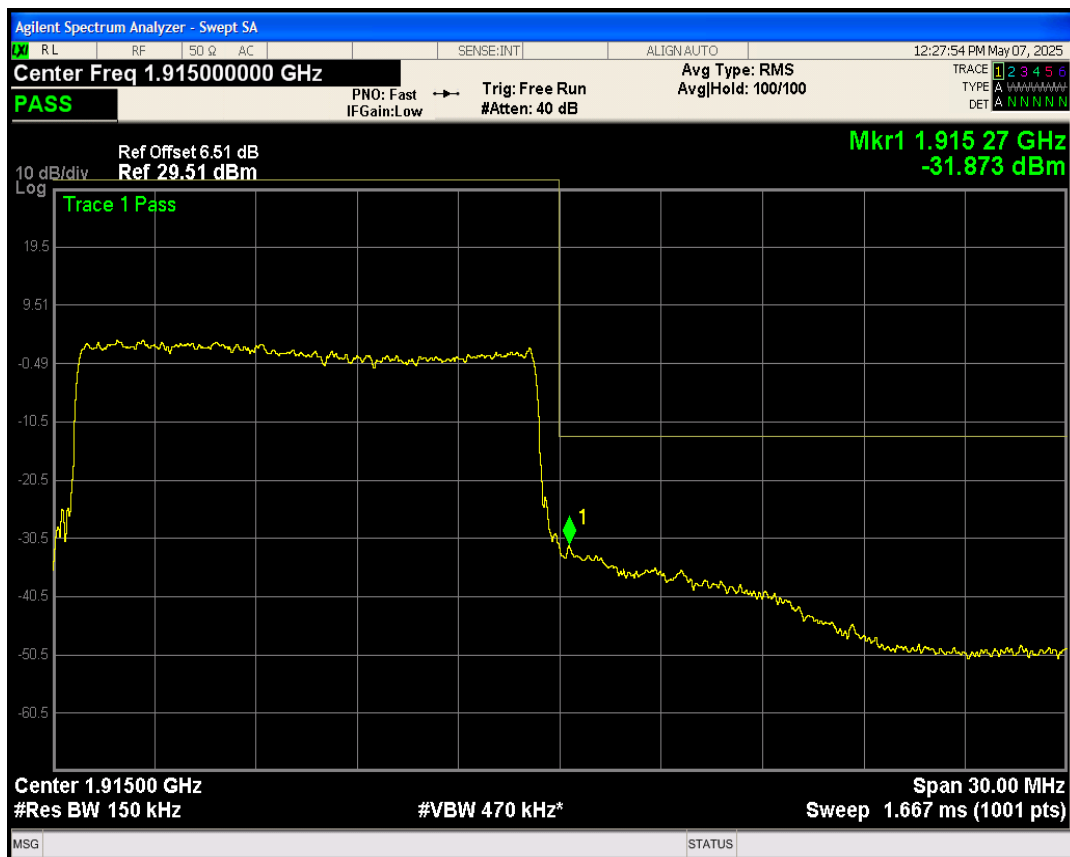




Band25 QPSK BW=15MHz Channel=26615 RB Size=75 Position=#0

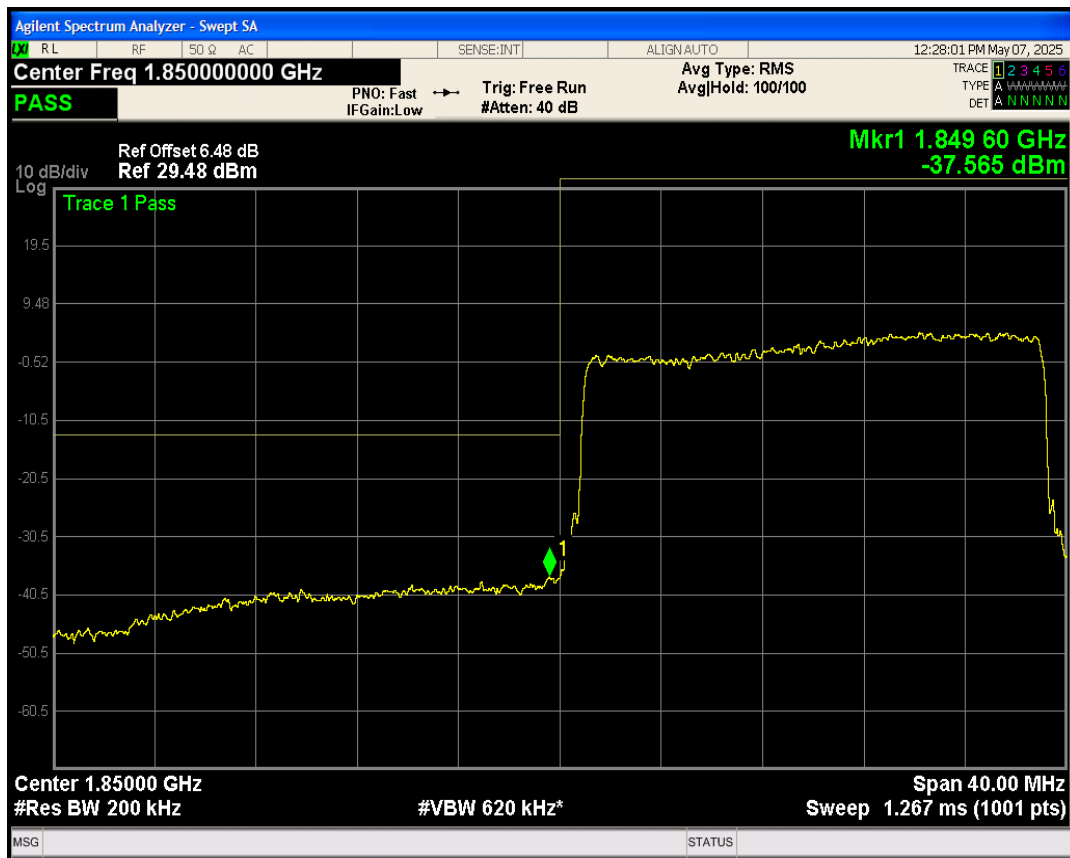


Band25 16QAM BW=15MHz Channel=26615 RB Size=75 Position=#0

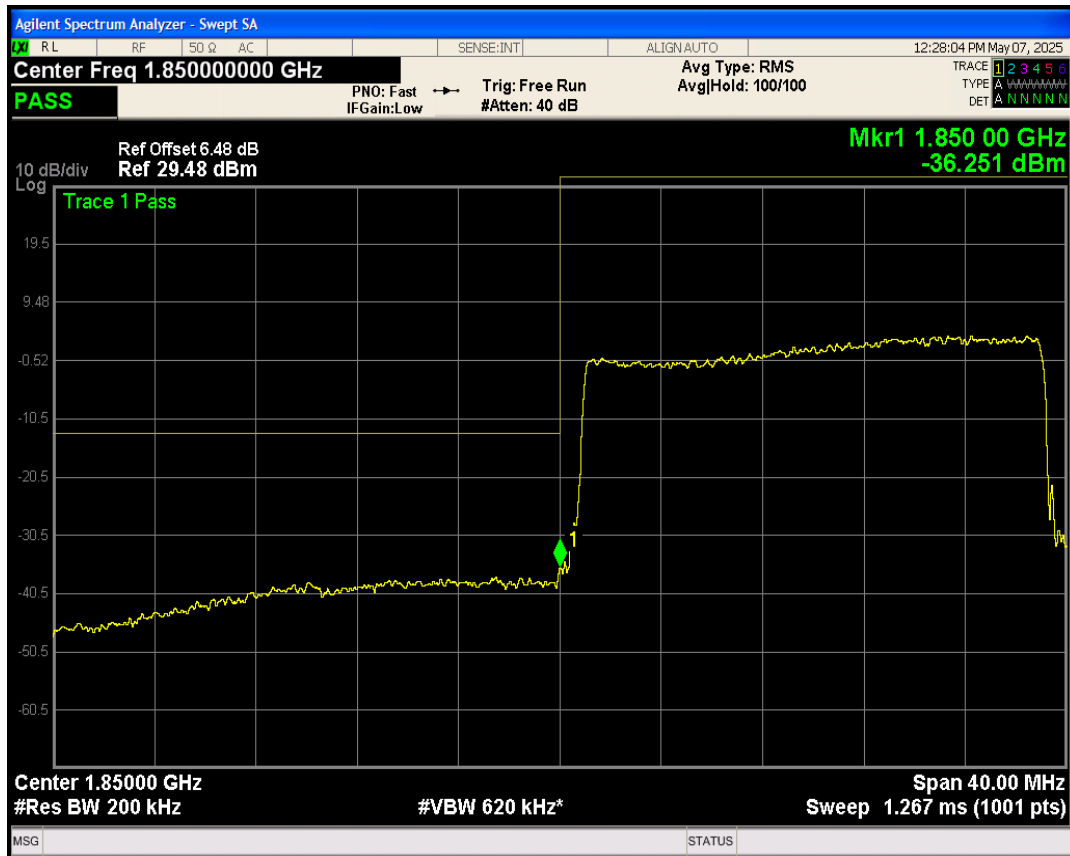




Band25 QPSK BW=20MHz Channel=26140 RB Size=100 Position=#0

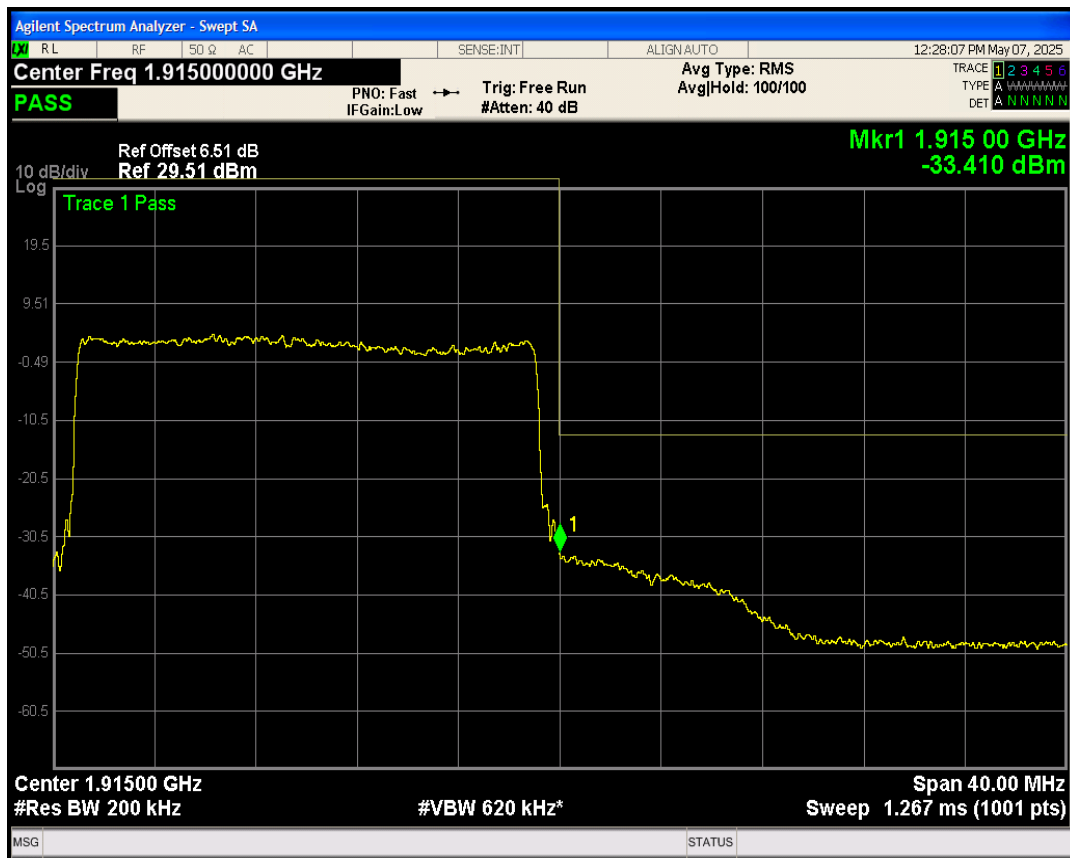


Band25 16QAM BW=20MHz Channel=26140 RB Size=100 Position=#0

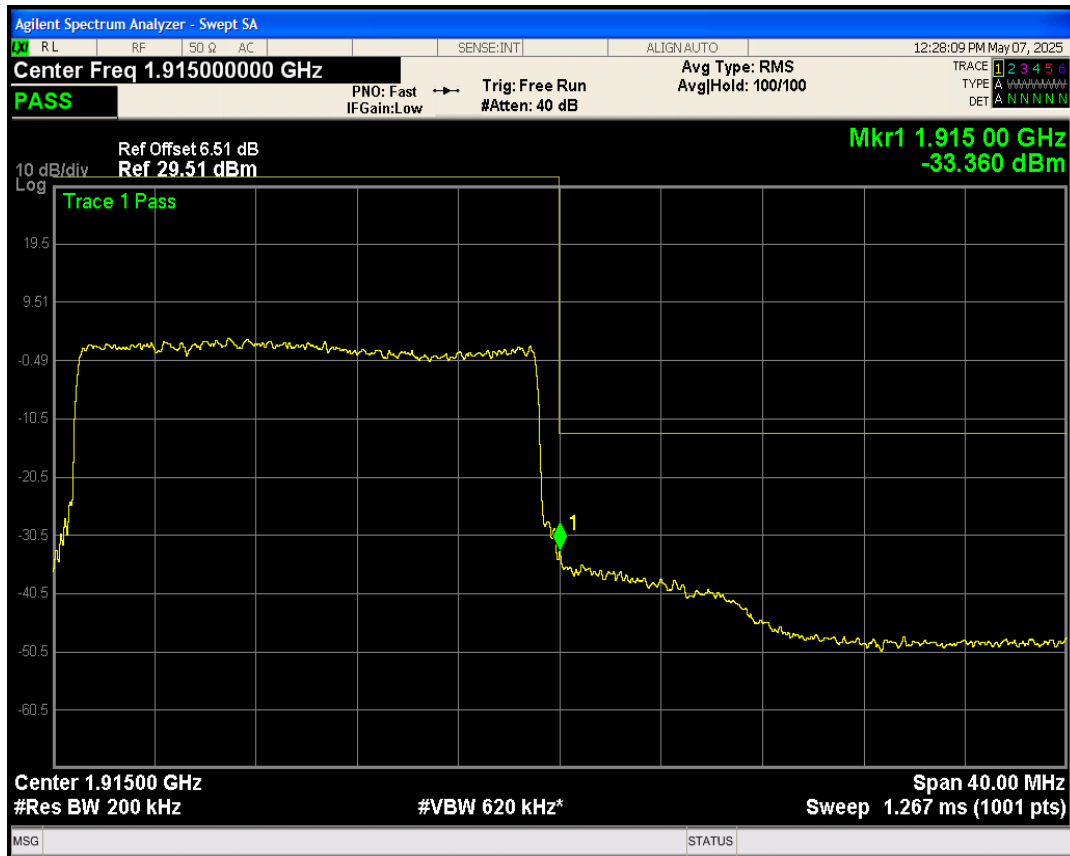




Band25 QPSK BW=20MHz Channel=26590 RB Size=100 Position=#0



Band25 16QAM BW=20MHz Channel=26590 RB Size=100 Position=#0

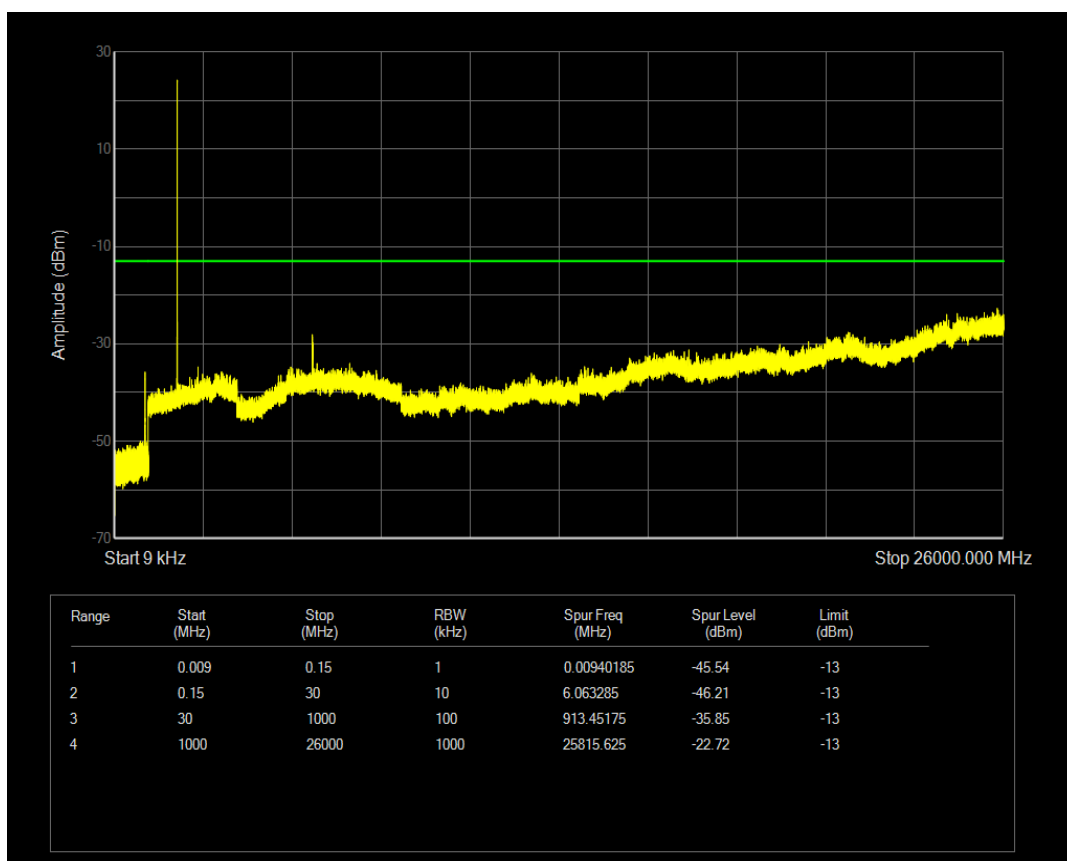


Appendix 6. Out-of-band emissions

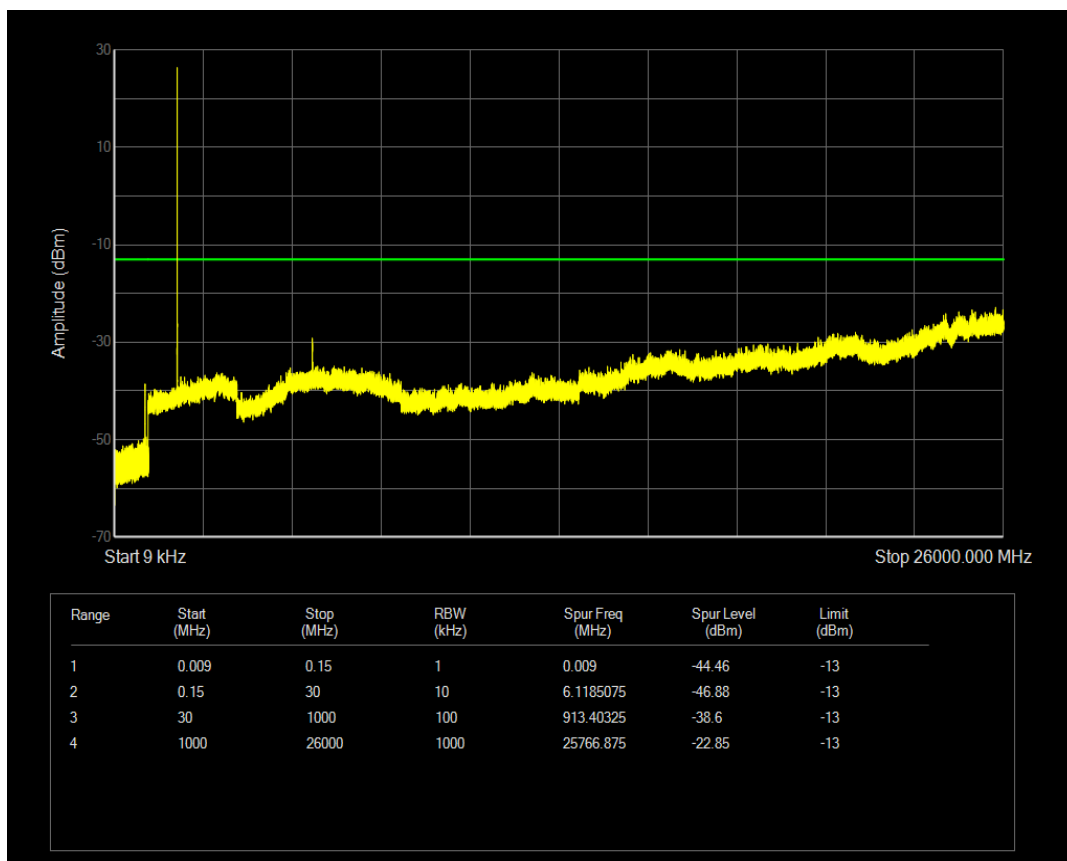
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band25	1.4	26047	6	#0	QPSK	25815.63	-22.72	-13	PASS
Band25	1.4	26047	6	#0	16QAM	25766.88	-22.85	-13	PASS
Band25	1.4	26365	6	#0	QPSK	25519.38	-23.20	-13	PASS
Band25	1.4	26365	6	#0	16QAM	25944.38	-22.85	-13	PASS
Band25	1.4	26683	6	#0	QPSK	25970.00	-22.98	-13	PASS
Band25	1.4	26683	6	#0	16QAM	25987.50	-23.02	-13	PASS
Band25	3	26055	15	#0	QPSK	25516.25	-23.18	-13	PASS
Band25	3	26055	15	#0	16QAM	25144.38	-23.09	-13	PASS
Band25	3	26365	15	#0	QPSK	25234.38	-23.28	-13	PASS
Band25	3	26365	15	#0	16QAM	25515.00	-22.52	-13	PASS
Band25	3	26675	15	#0	QPSK	25983.75	-22.59	-13	PASS
Band25	3	26675	15	#0	16QAM	25781.25	-21.93	-13	PASS
Band25	5	26065	25	#0	QPSK	25739.38	-23.44	-13	PASS
Band25	5	26065	25	#0	16QAM	25086.88	-23.37	-13	PASS
Band25	5	26365	25	#0	QPSK	25769.38	-22.93	-13	PASS
Band25	5	26365	25	#0	16QAM	25446.88	-23.02	-13	PASS
Band25	5	26665	25	#0	QPSK	24753.75	-23.02	-13	PASS
Band25	5	26665	25	#0	16QAM	25878.13	-23.44	-13	PASS
Band25	10	26090	50	#0	QPSK	25365.63	-23.44	-13	PASS
Band25	10	26090	50	#0	16QAM	24827.50	-23.04	-13	PASS
Band25	10	26365	50	#0	QPSK	25055.63	-22.99	-13	PASS
Band25	10	26365	50	#0	16QAM	25755.63	-22.72	-13	PASS
Band25	10	26640	50	#0	QPSK	25824.38	-22.84	-13	PASS
Band25	10	26640	50	#0	16QAM	25872.50	-23.40	-13	PASS
Band25	15	26115	75	#0	QPSK	4858.75	-22.56	-13	PASS
Band25	15	26115	75	#0	16QAM	25501.25	-23.25	-13	PASS
Band25	15	26365	75	#0	QPSK	25616.88	-23.10	-13	PASS
Band25	15	26365	75	#0	16QAM	25300.63	-23.07	-13	PASS
Band25	15	26615	75	#0	QPSK	4859.38	-19.65	-13	PASS
Band25	15	26615	75	#0	16QAM	25808.75	-22.98	-13	PASS
Band25	20	26140	100	#0	QPSK	25299.38	-23.28	-13	PASS
Band25	20	26140	100	#0	16QAM	25902.50	-23.37	-13	PASS
Band25	20	26365	100	#0	QPSK	25685.63	-22.90	-13	PASS
Band25	20	26365	100	#0	16QAM	25998.75	-23.39	-13	PASS
Band25	20	26590	100	#0	QPSK	25711.88	-22.89	-13	PASS
Band25	20	26590	100	#0	16QAM	25808.13	-23.17	-13	PASS



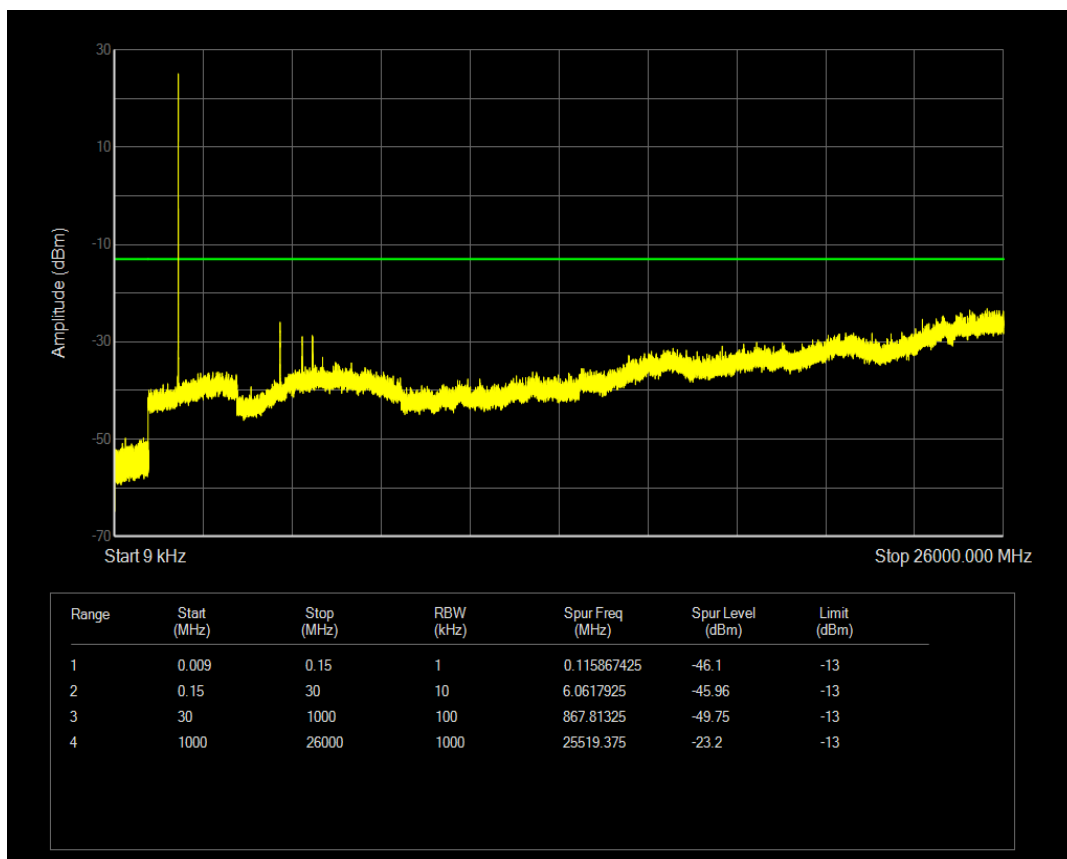
Band25 QPSK BW=1.4MHz Channel=26047 RB Size=6 Position=#0



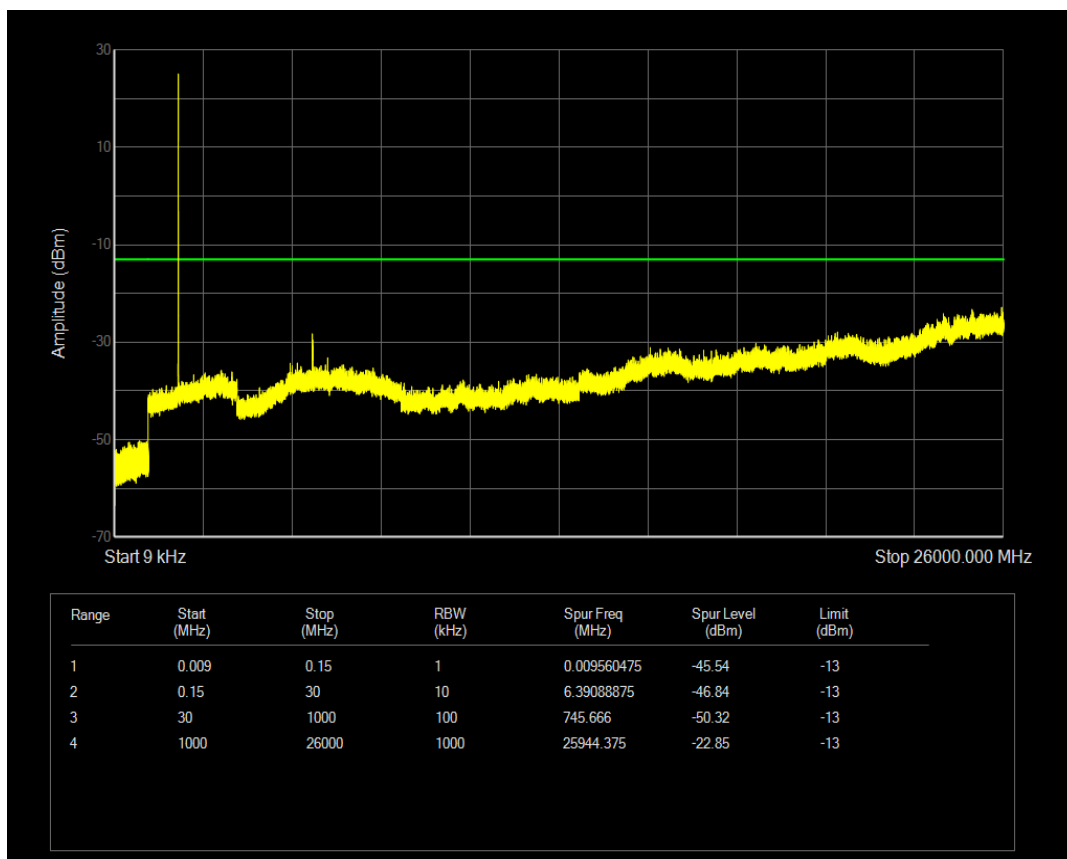
Band25 16QAM BW=1.4MHz Channel=26047 RB Size=6 Position=#0



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

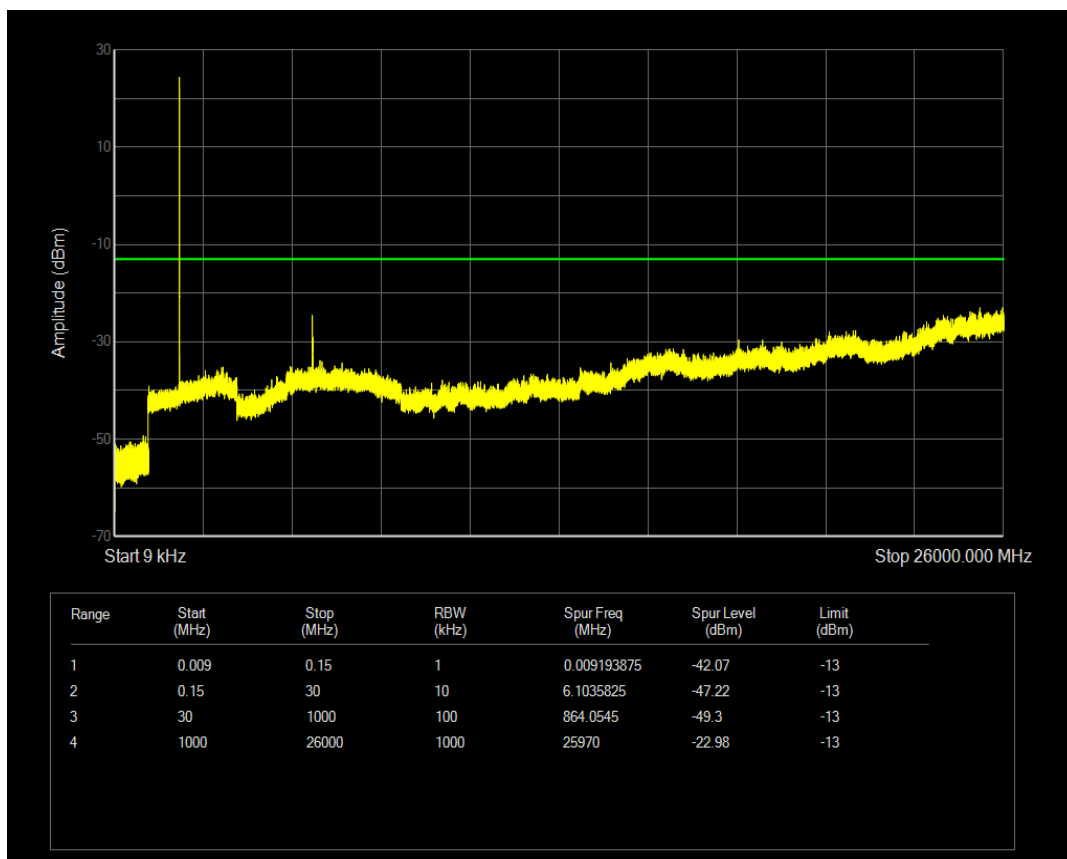


Band25 16QAM BW=1.4MHz Channel=26365 RB Size=6 Position=#0

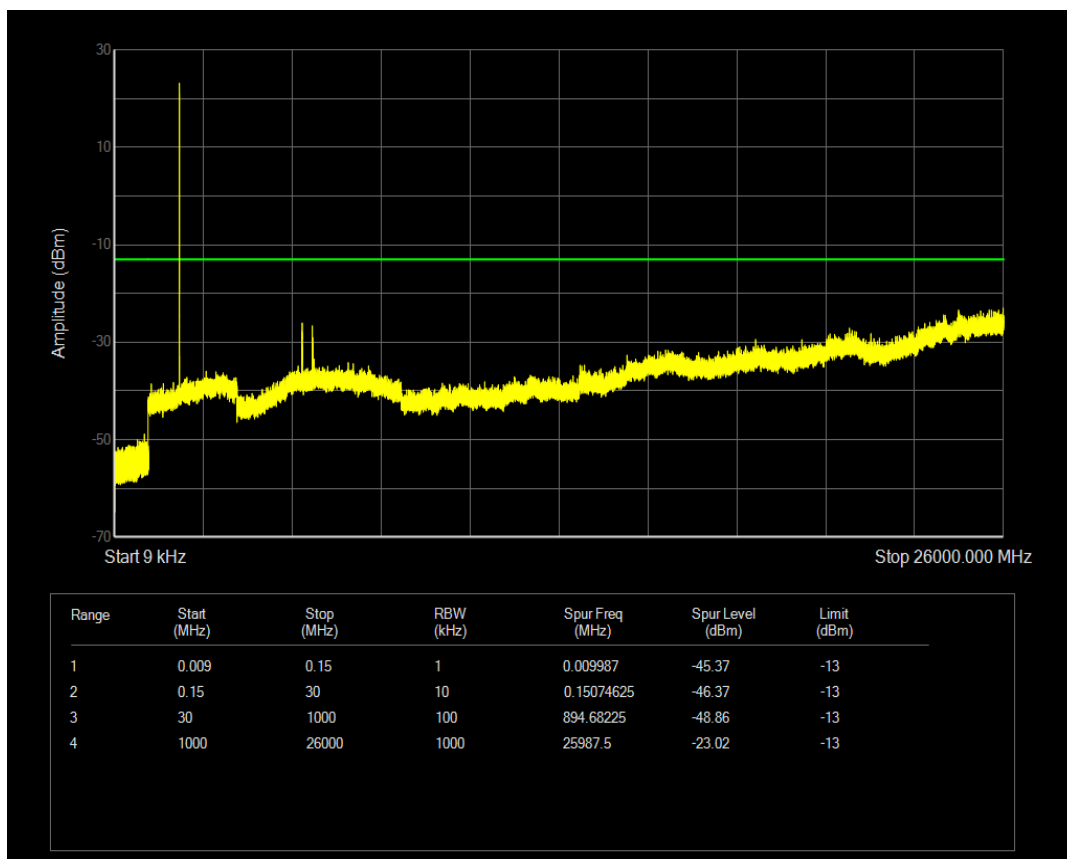




Band25 QPSK BW=1.4MHz Channel=26683 RB Size=6 Position=#0

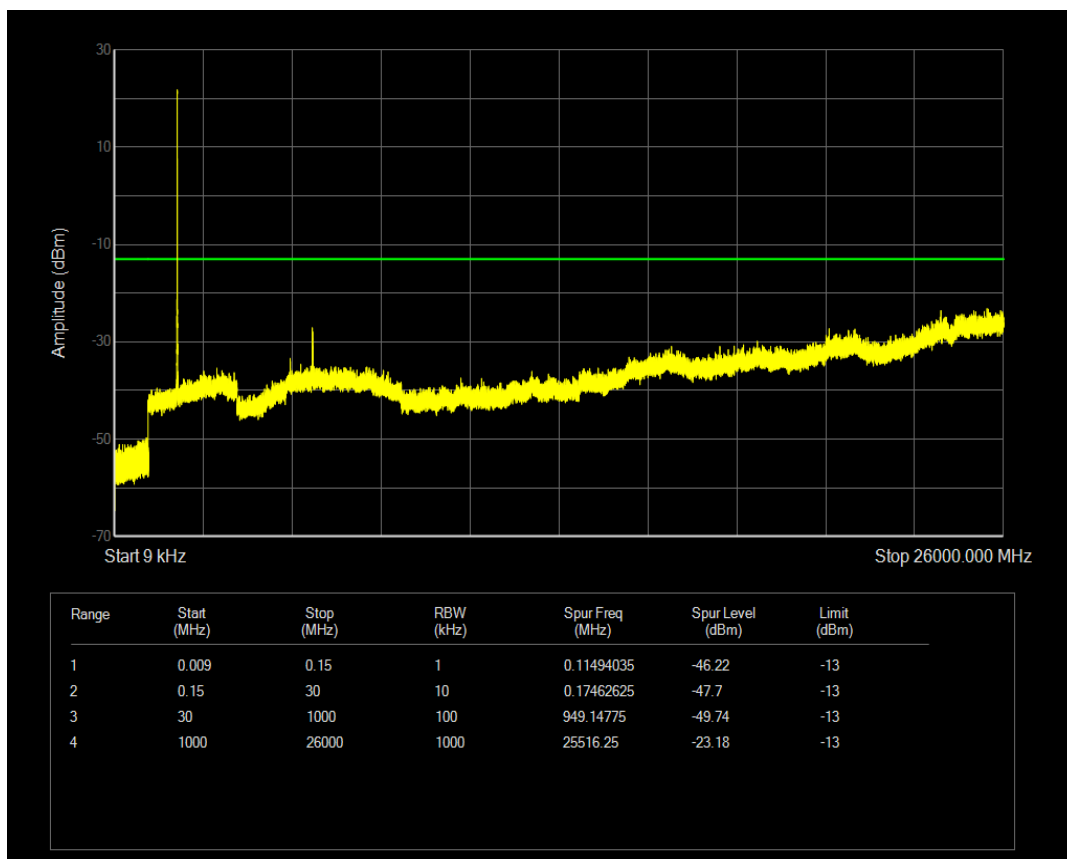


Band25 16QAM BW=1.4MHz Channel=26683 RB Size=6 Position=#0

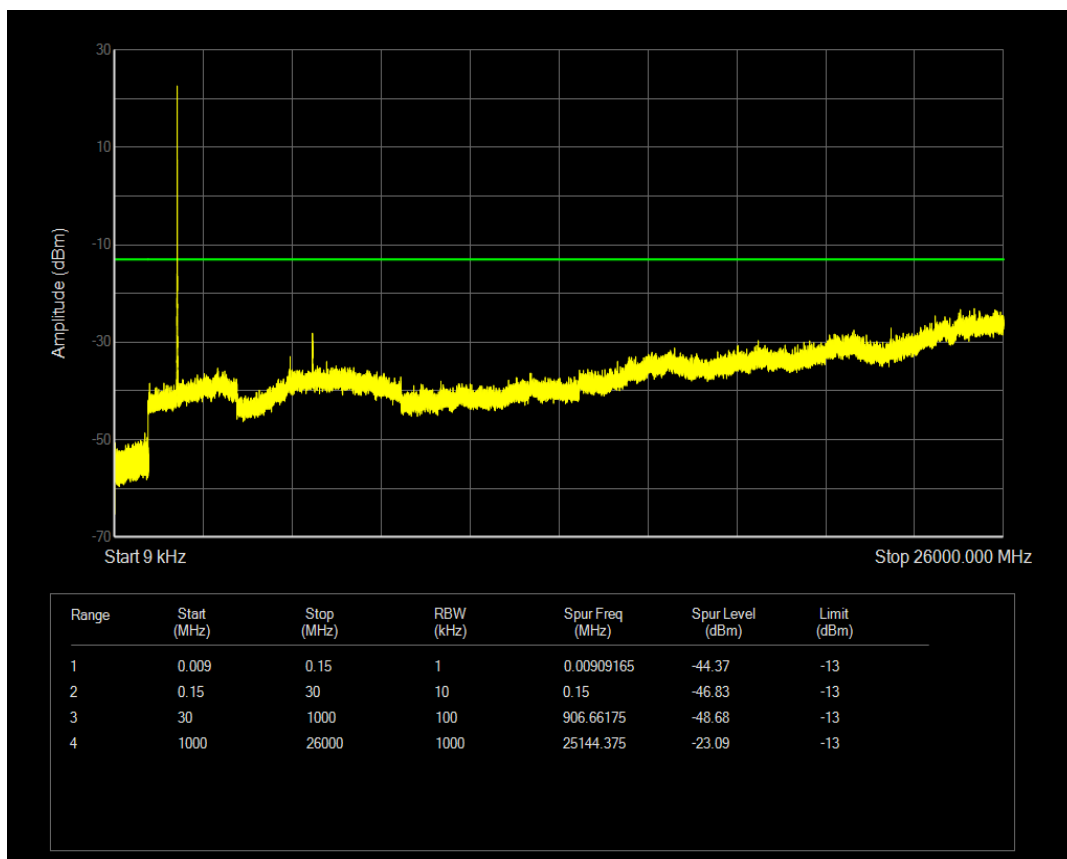




Band25 QPSK BW=3MHz Channel=26055 RB Size=15 Position=#0

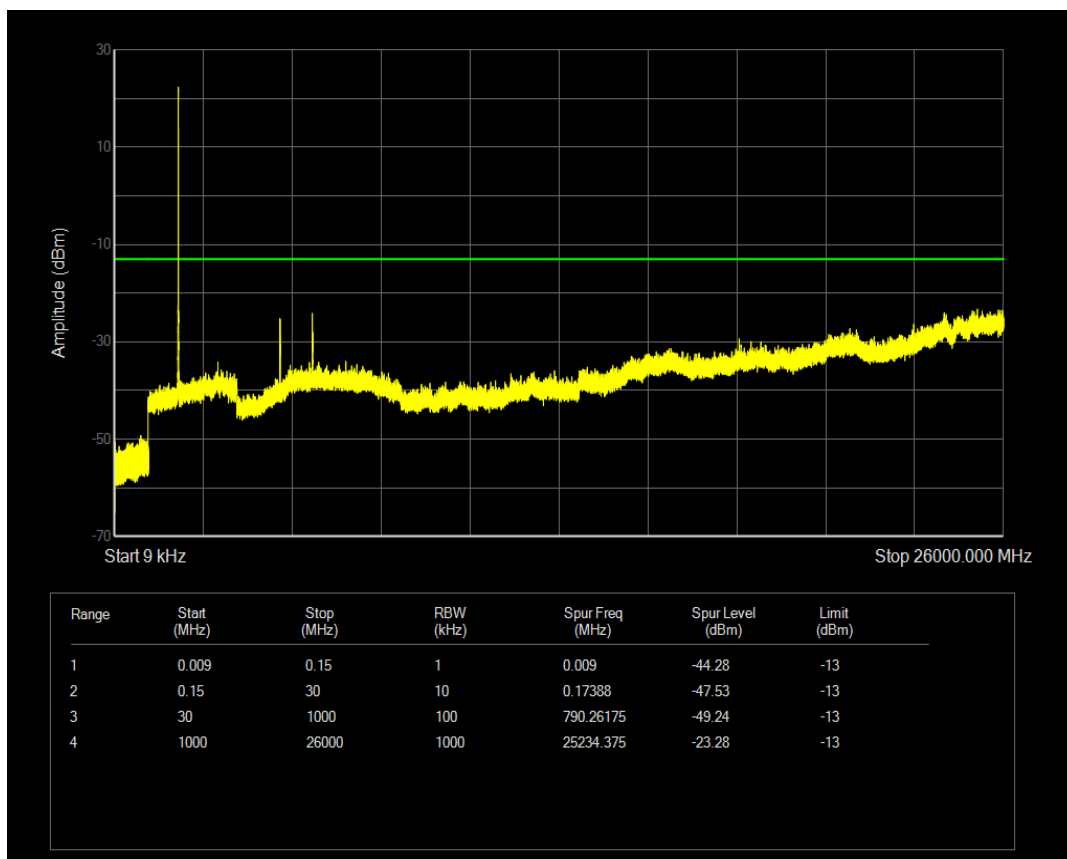


Band25 16QAM BW=3MHz Channel=26055 RB Size=15 Position=#0

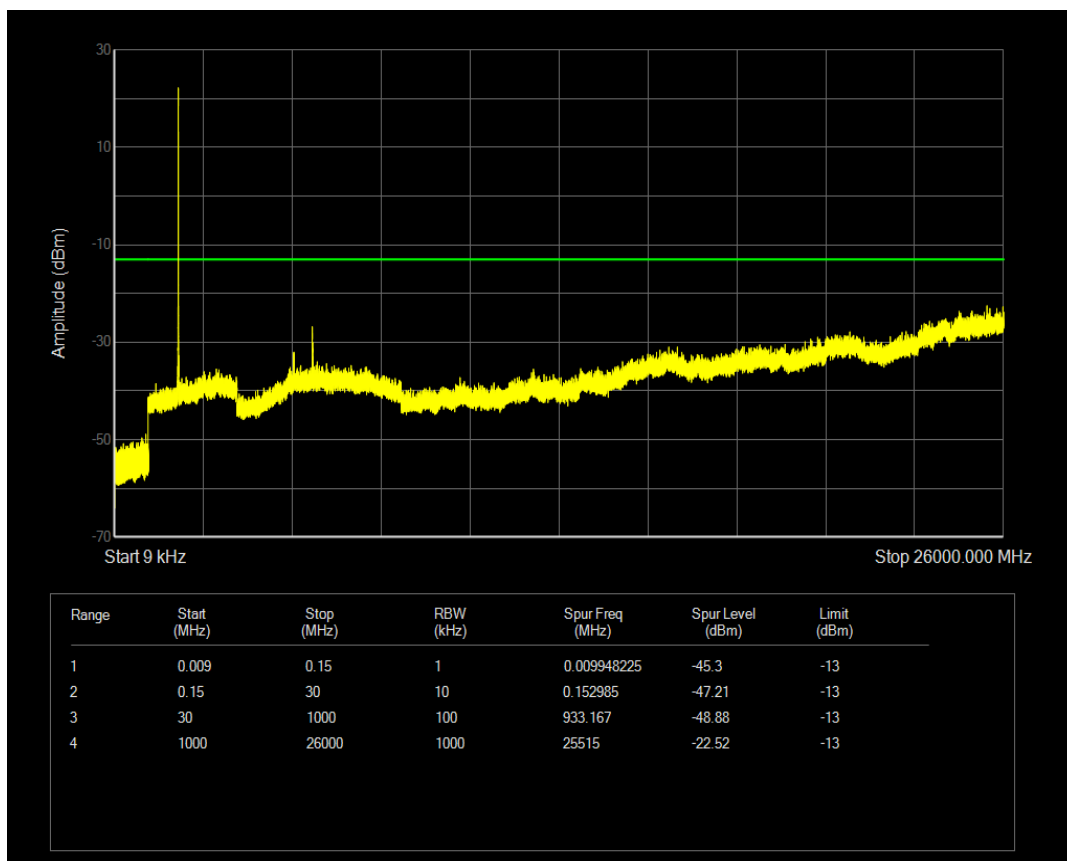




Band25 QPSK BW=3MHz Channel=26365 RB Size=15 Position=#0

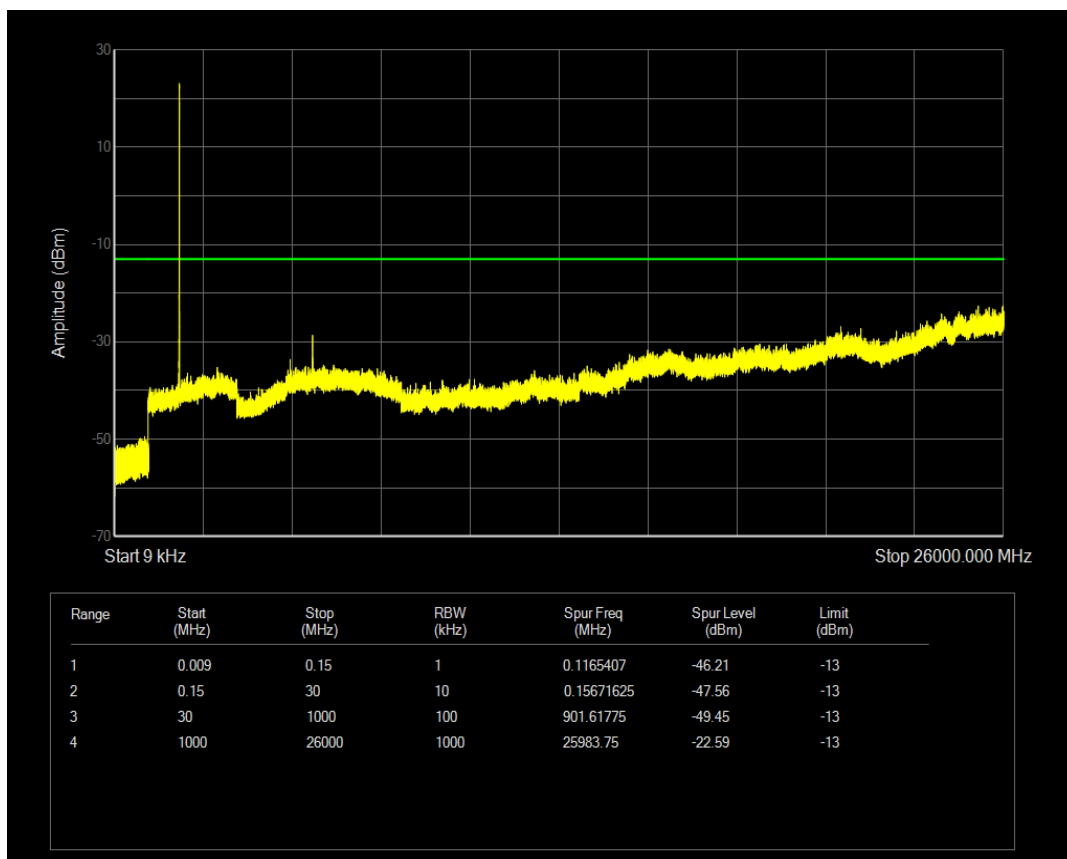


Band25 16QAM BW=3MHz Channel=26365 RB Size=15 Position=#0

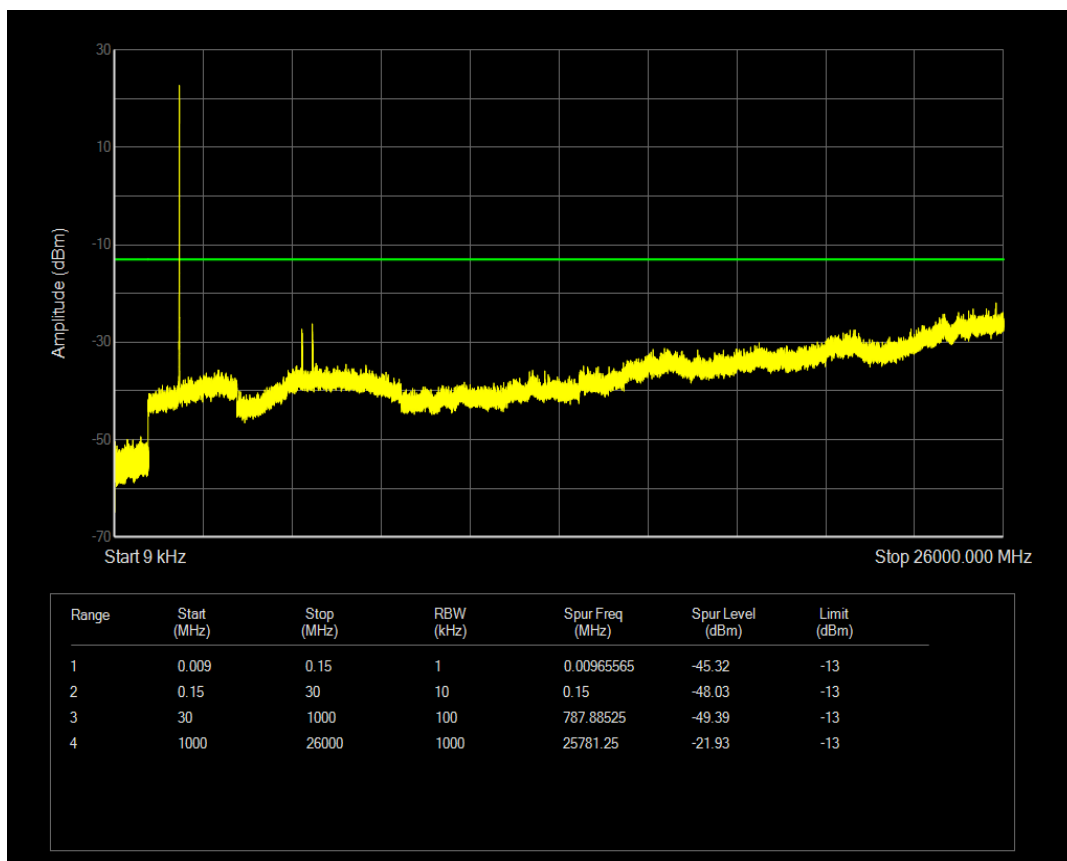




Band25 QPSK BW=3MHz Channel=26675 RB Size=15 Position=#0

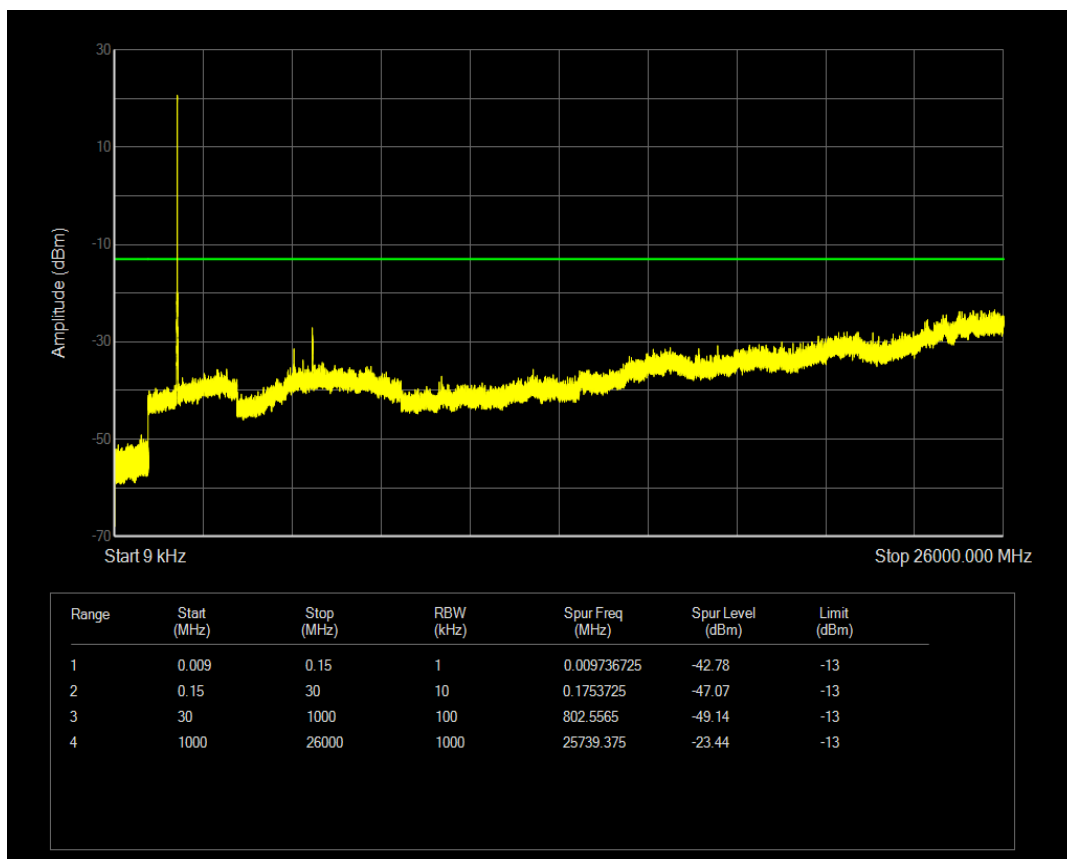


Band25 16QAM BW=3MHz Channel=26675 RB Size=15 Position=#0

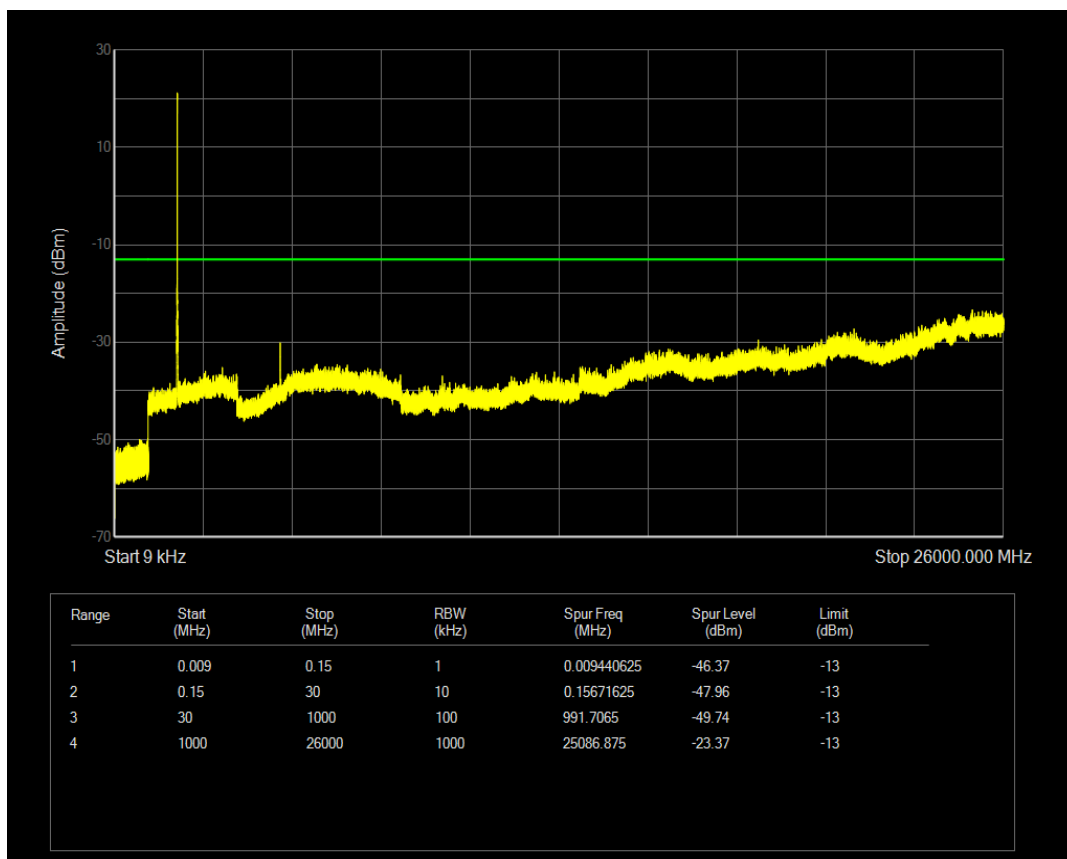




Band25 QPSK BW=5MHz Channel=26065 RB Size=25 Position=#0

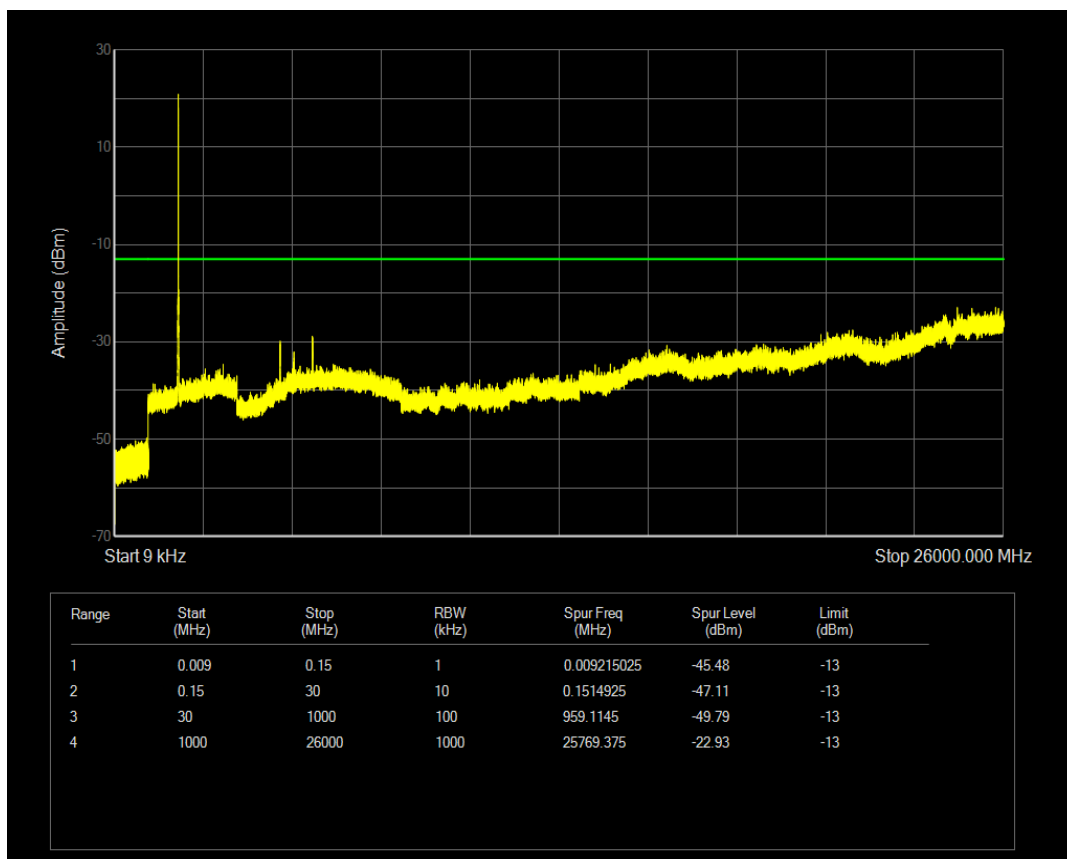


Band25 16QAM BW=5MHz Channel=26065 RB Size=25 Position=#0

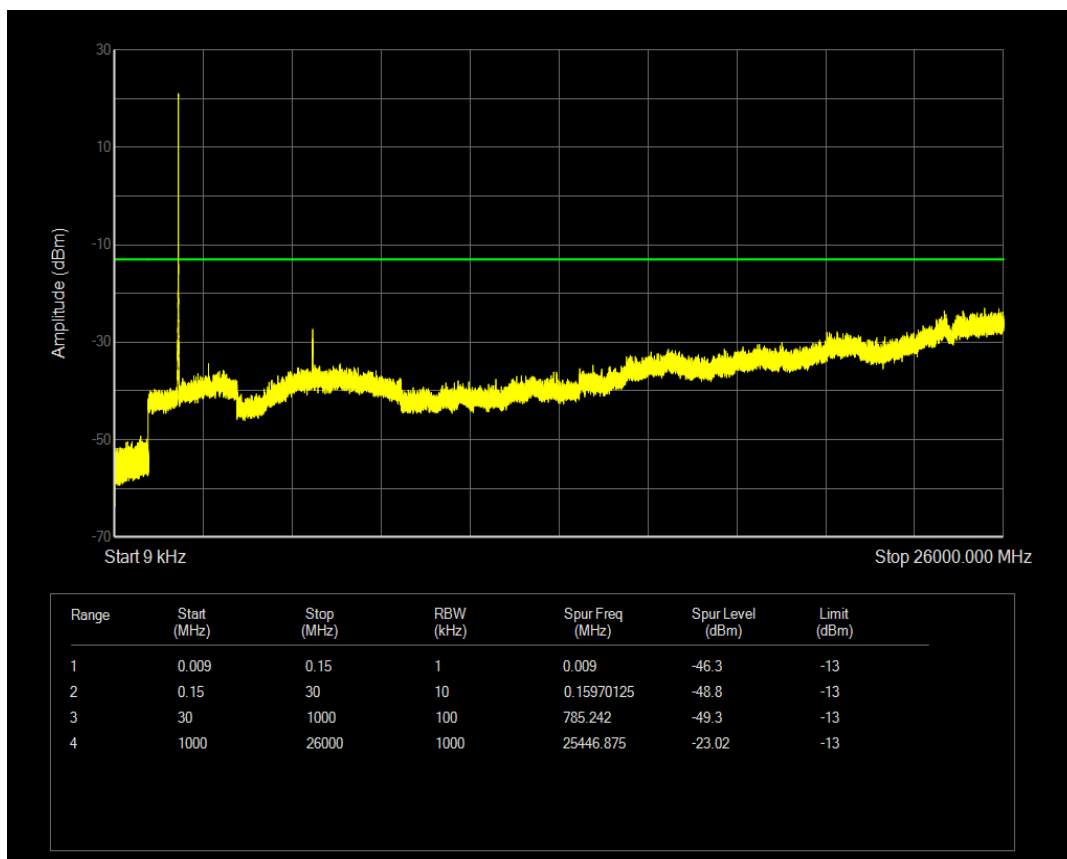




Band25 QPSK BW=5MHz Channel=26365 RB Size=25 Position=#0

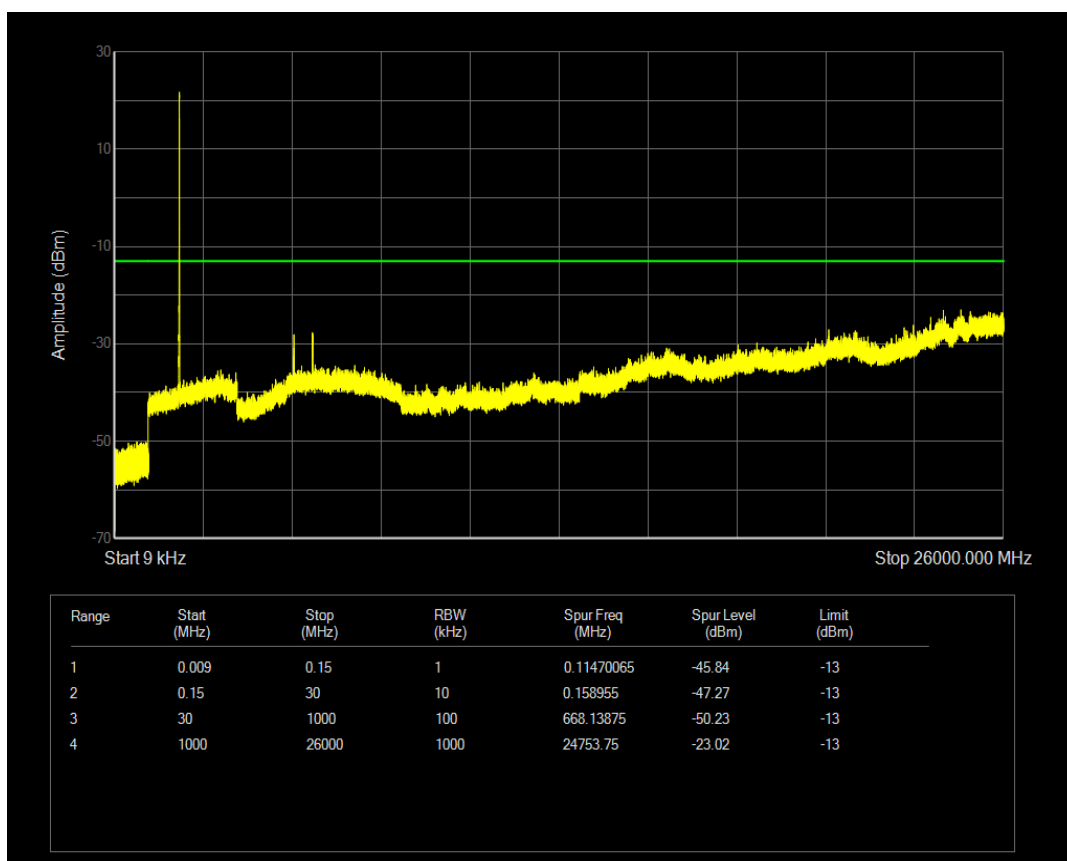


Band25 16QAM BW=5MHz Channel=26365 RB Size=25 Position=#0

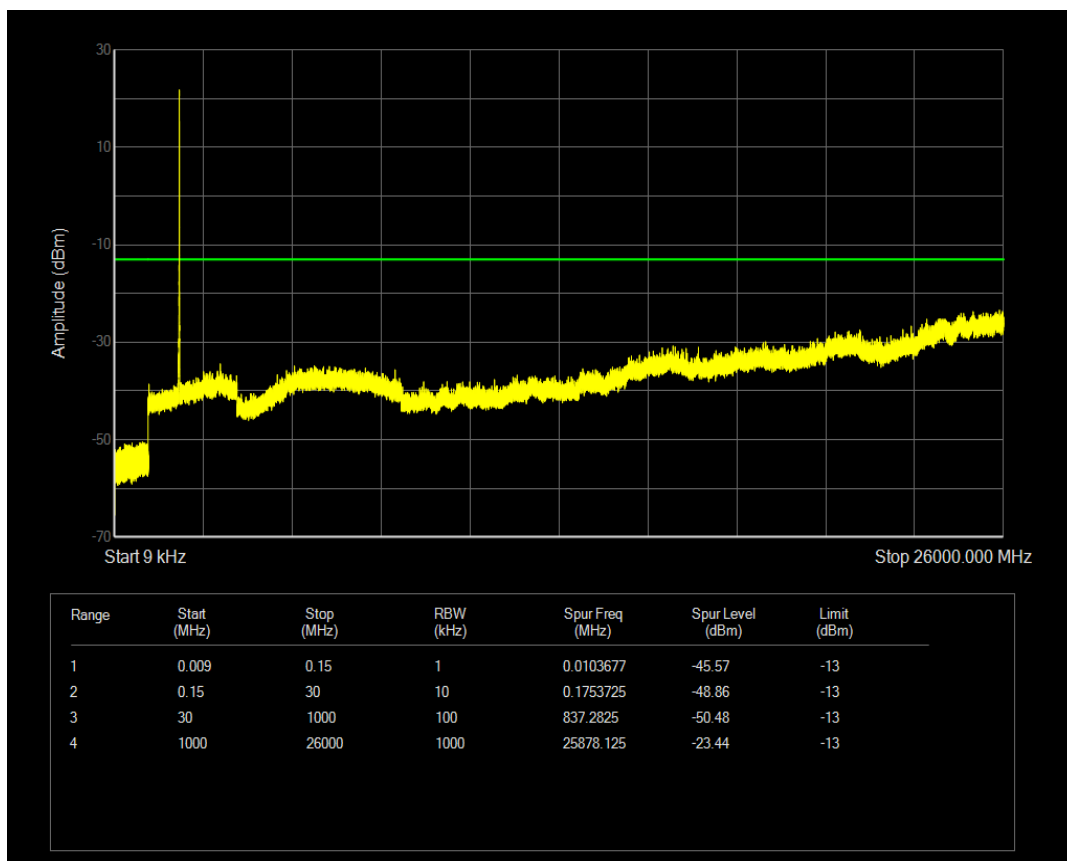




Band25 QPSK BW=5MHz Channel=26665 RB Size=25 Position=#0

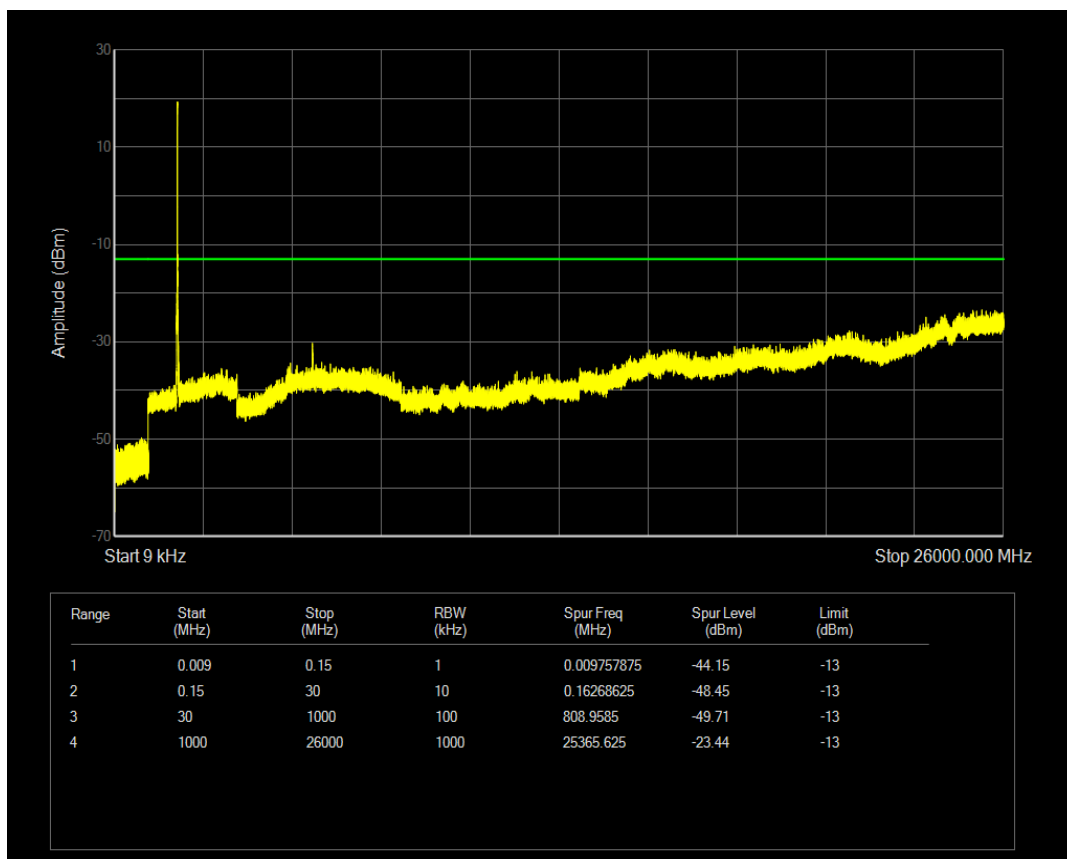


Band25 16QAM BW=5MHz Channel=26665 RB Size=25 Position=#0

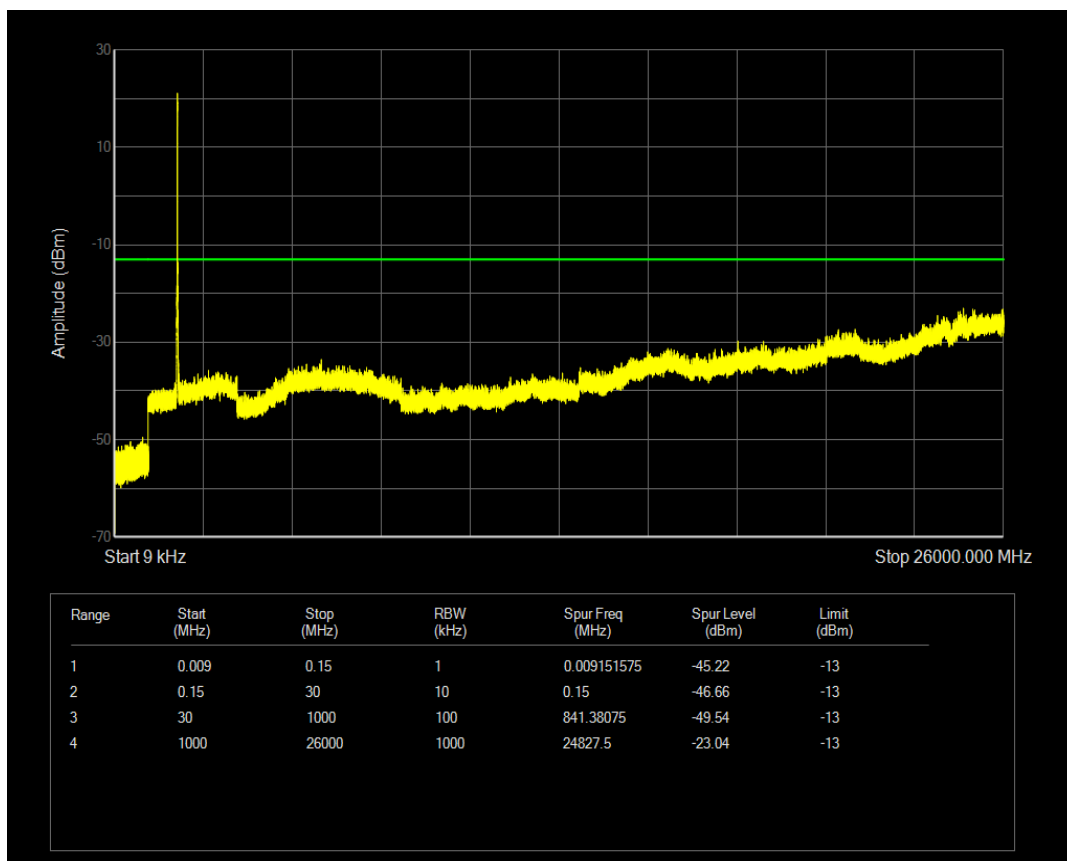




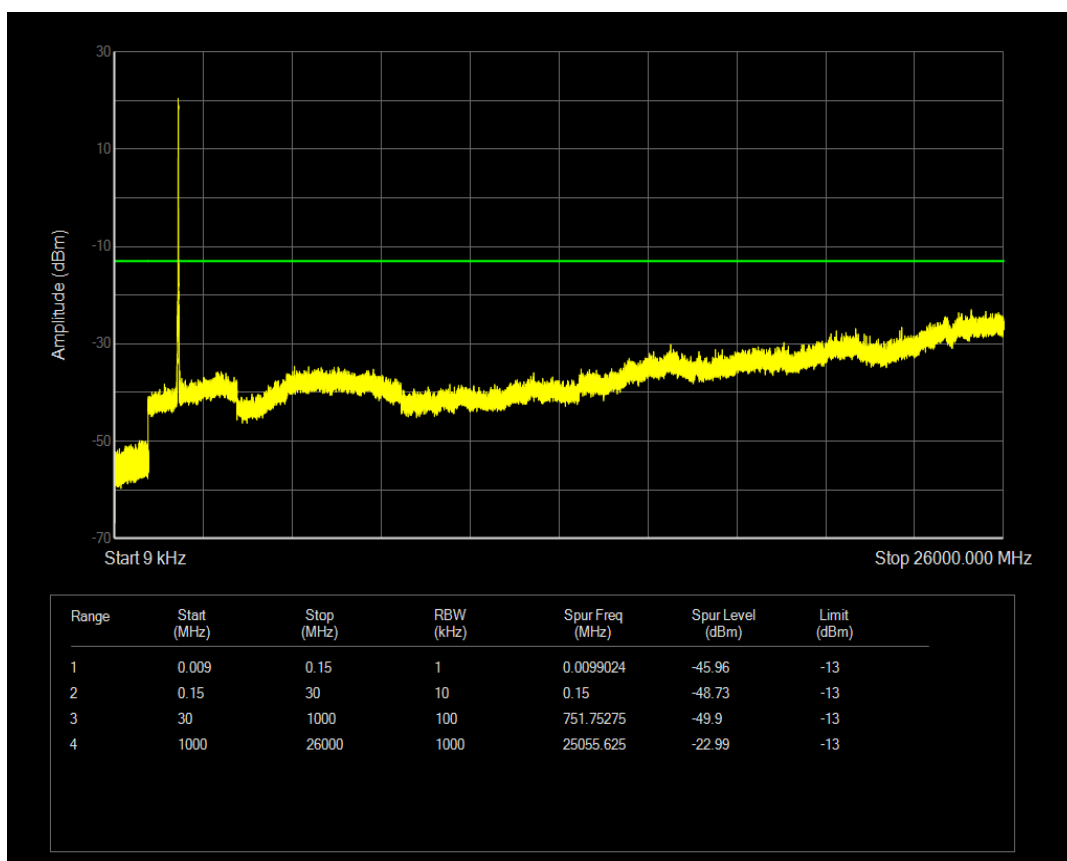
Band25 QPSK BW=10MHz Channel=26090 RB Size=50 Position=#0



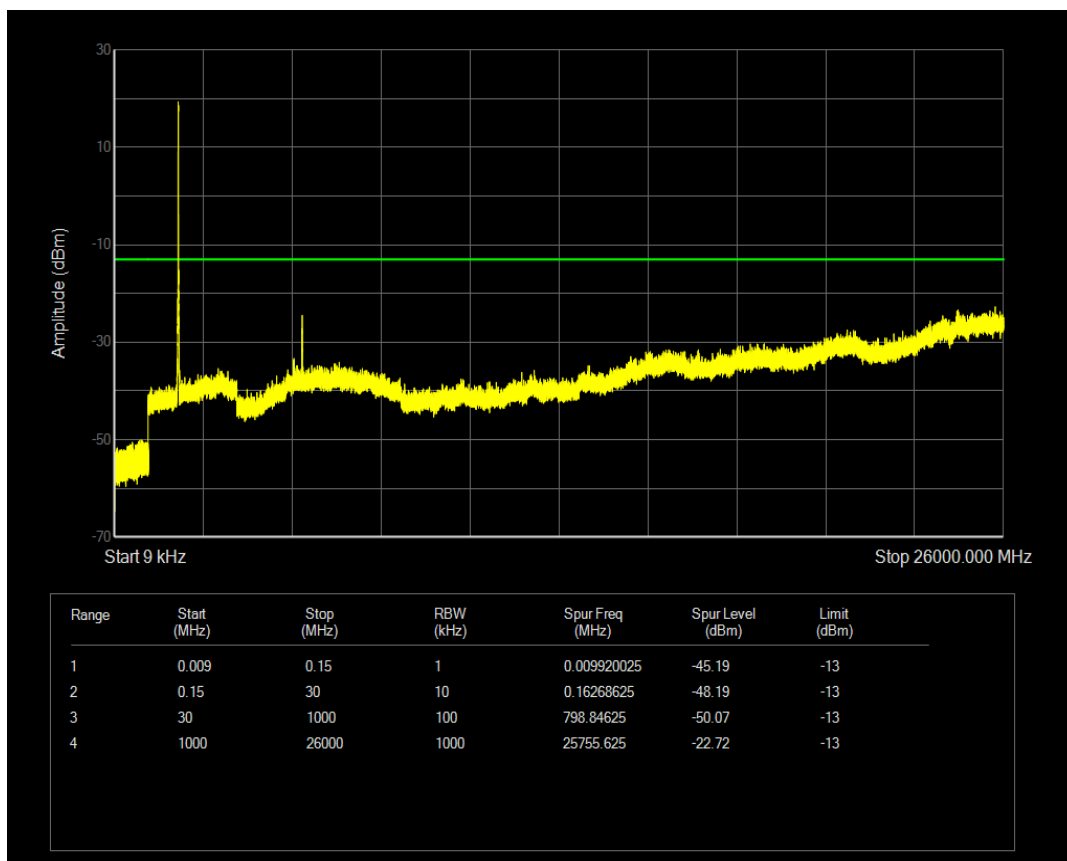
Band25 16QAM BW=10MHz Channel=26090 RB Size=50 Position=#0



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

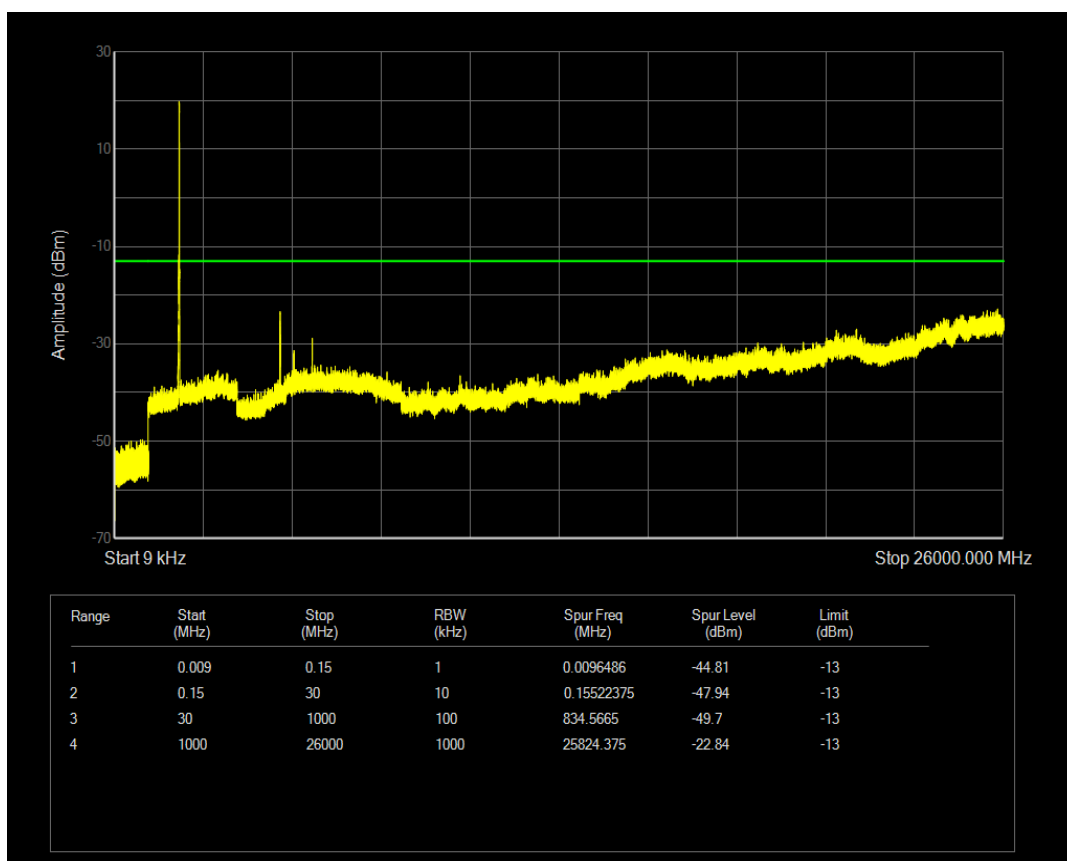


Band25 16QAM BW=10MHz Channel=26365 RB Size=50 Position=#0

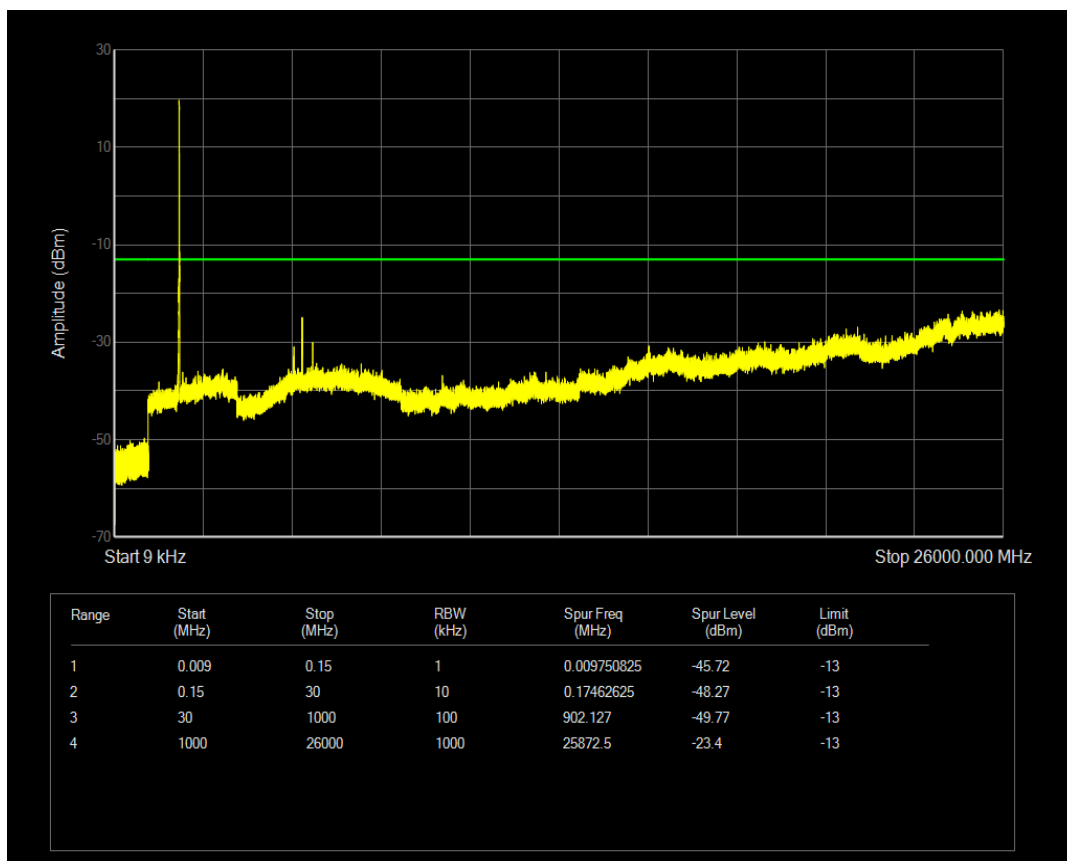




Band25 QPSK BW=10MHz Channel=26640 RB Size=50 Position=#0

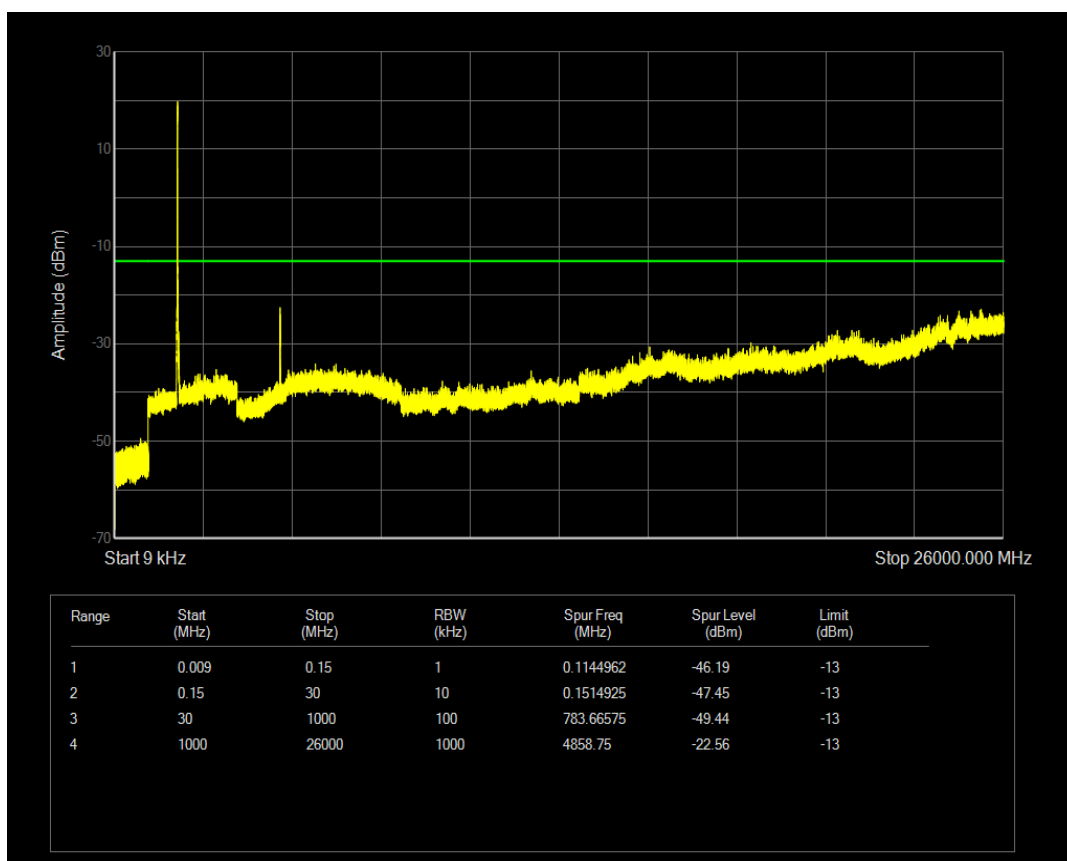


Band25 16QAM BW=10MHz Channel=26640 RB Size=50 Position=#0

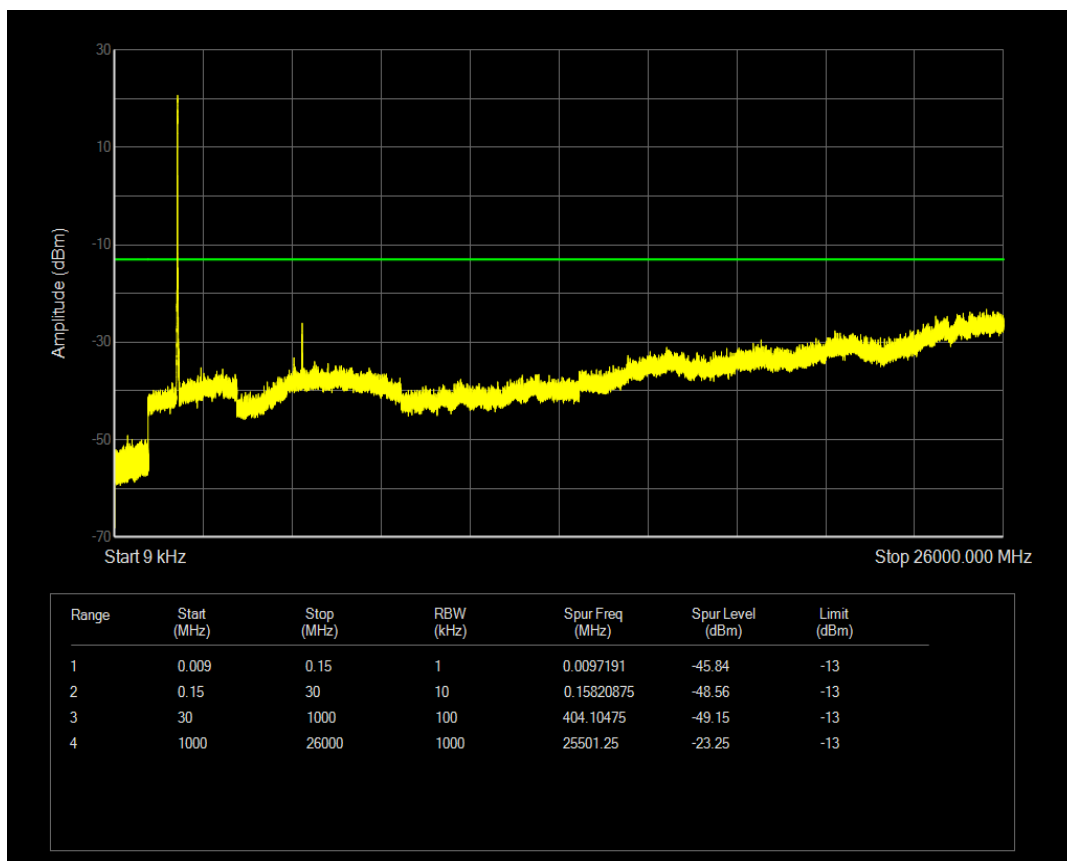




Band25 QPSK BW=15MHz Channel=26115 RB Size=75 Position=#0

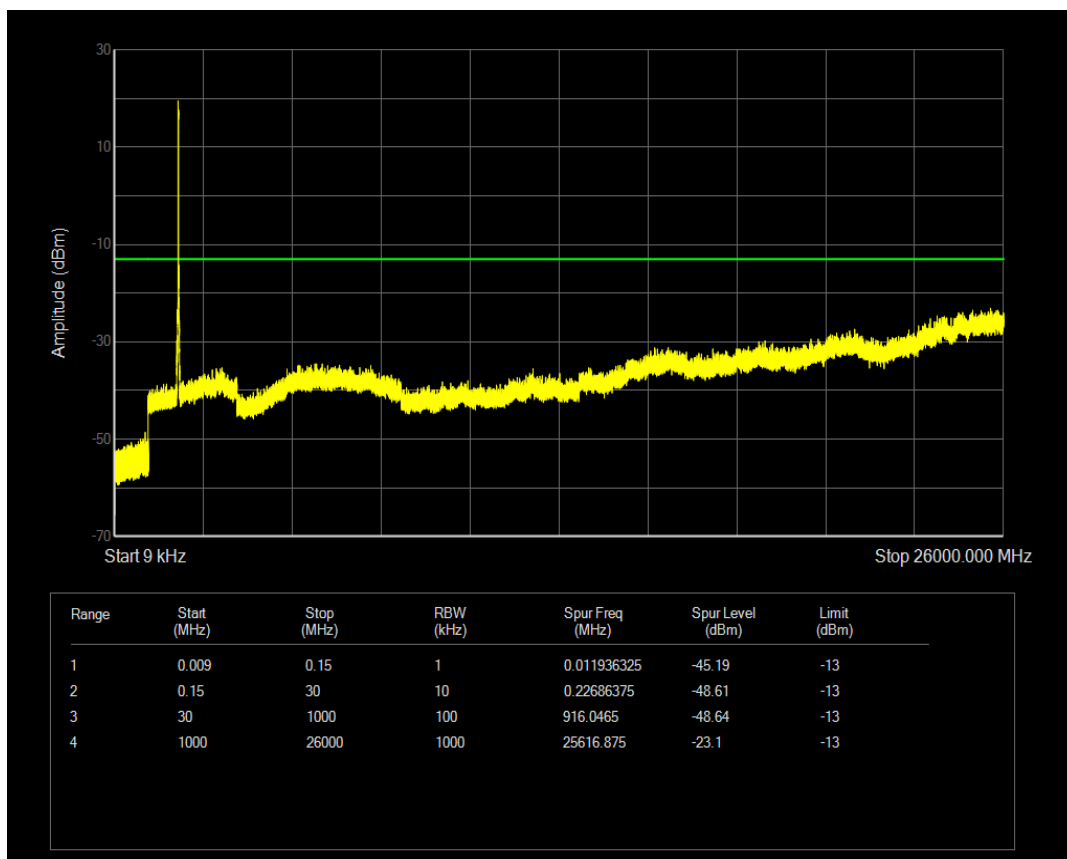


Band25 16QAM BW=15MHz Channel=26115 RB Size=75 Position=#0

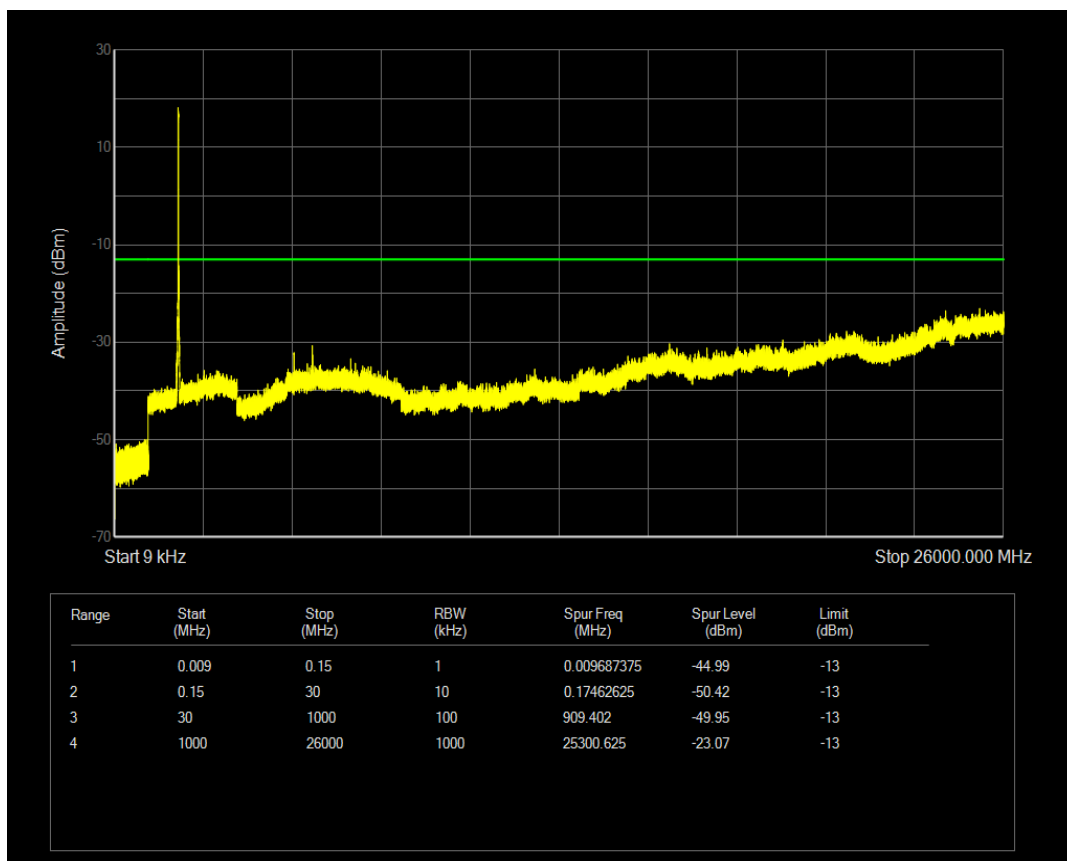




Band25 QPSK BW=15MHz Channel=26365 RB Size=75 Position=#0

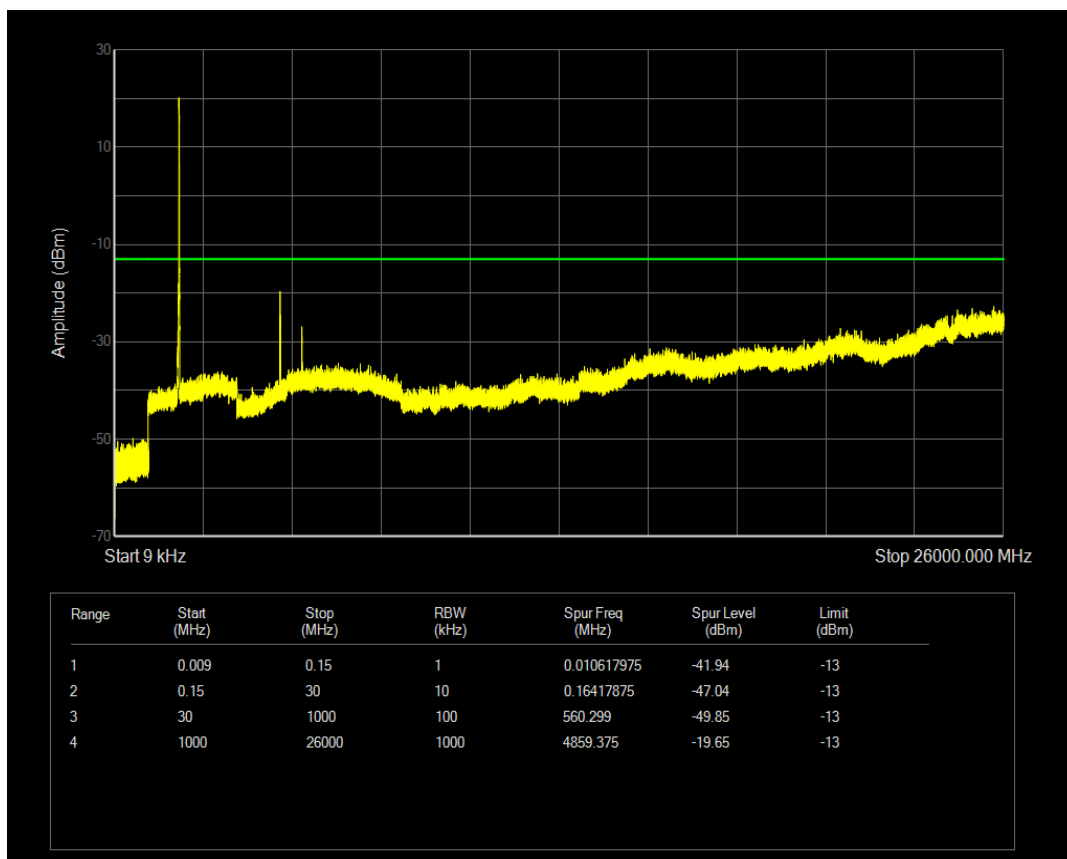


Band25 16QAM BW=15MHz Channel=26365 RB Size=75 Position=#0

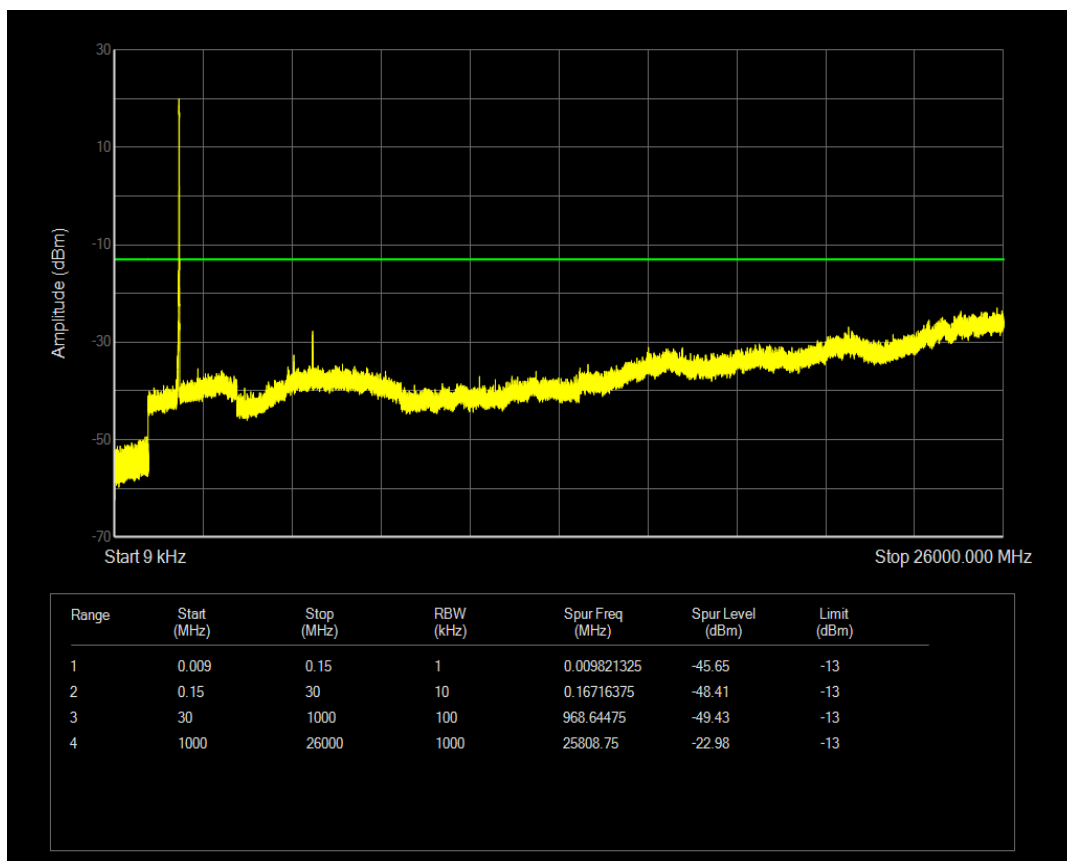




Band25 QPSK BW=15MHz Channel=26615 RB Size=75 Position=#0

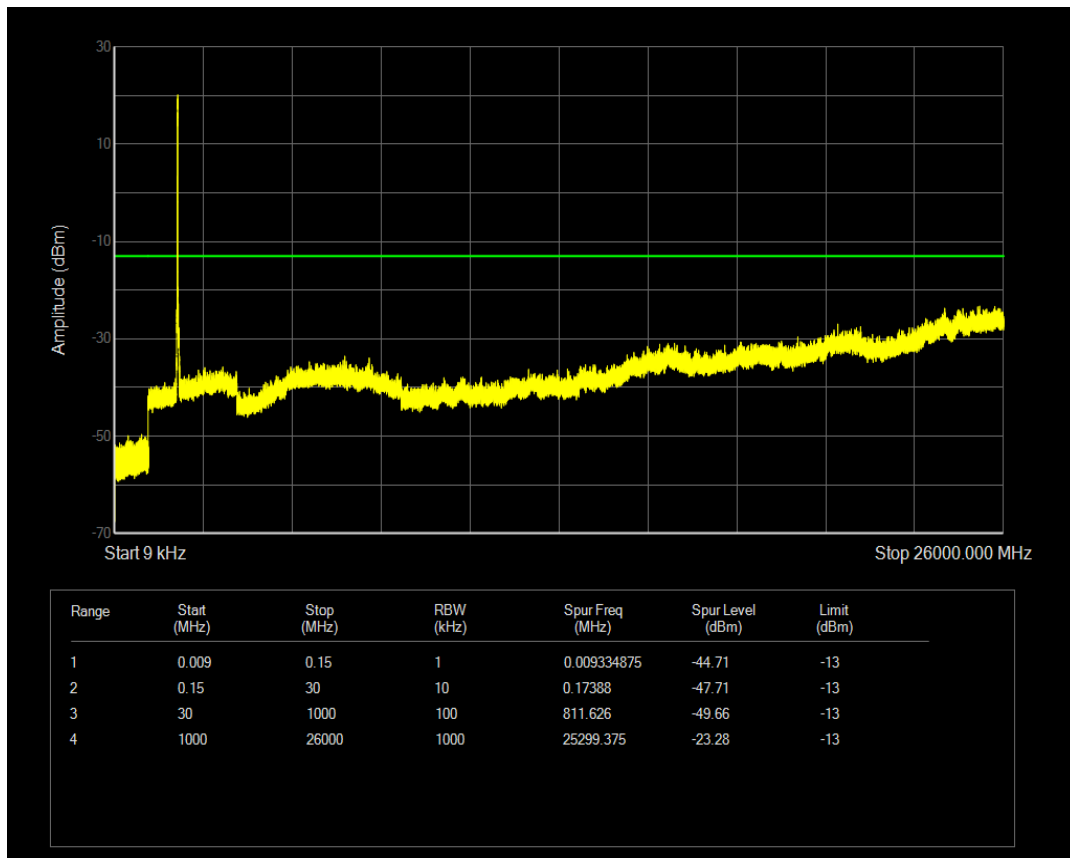


Band25 16QAM BW=15MHz Channel=26615 RB Size=75 Position=#0

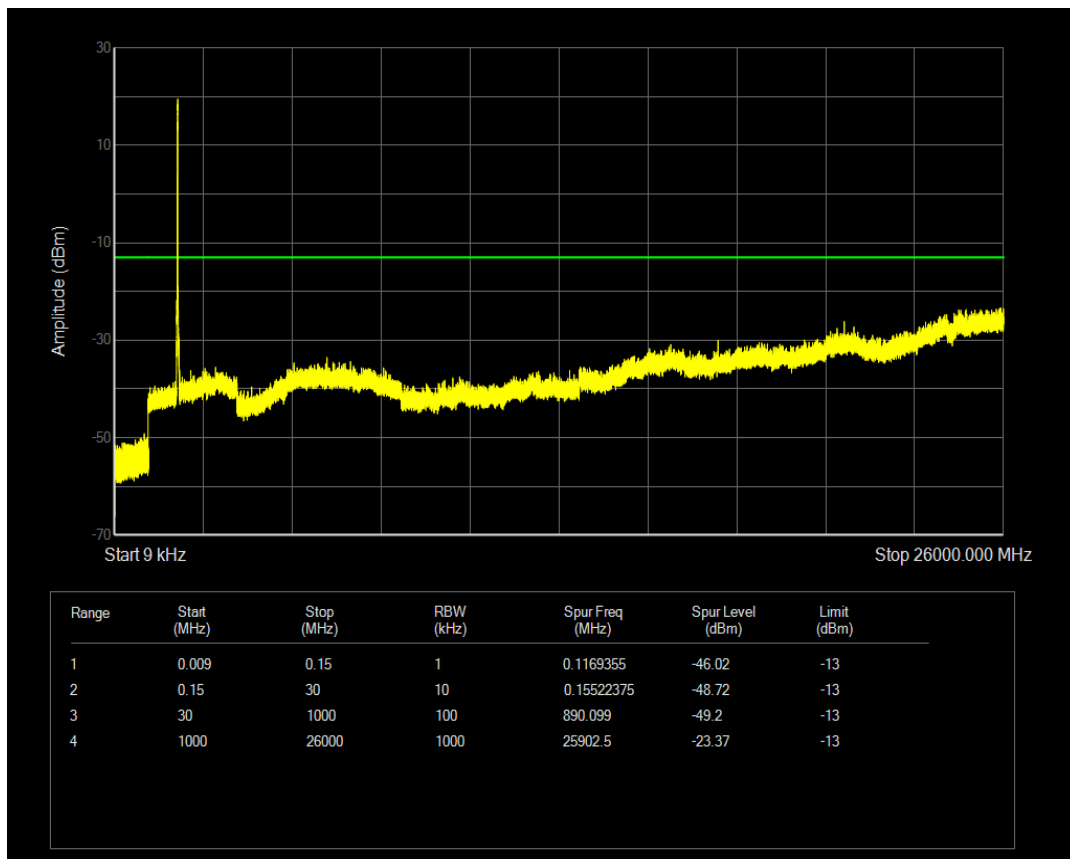




Band25 QPSK BW=20MHz Channel=26140 RB Size=100 Position=#0

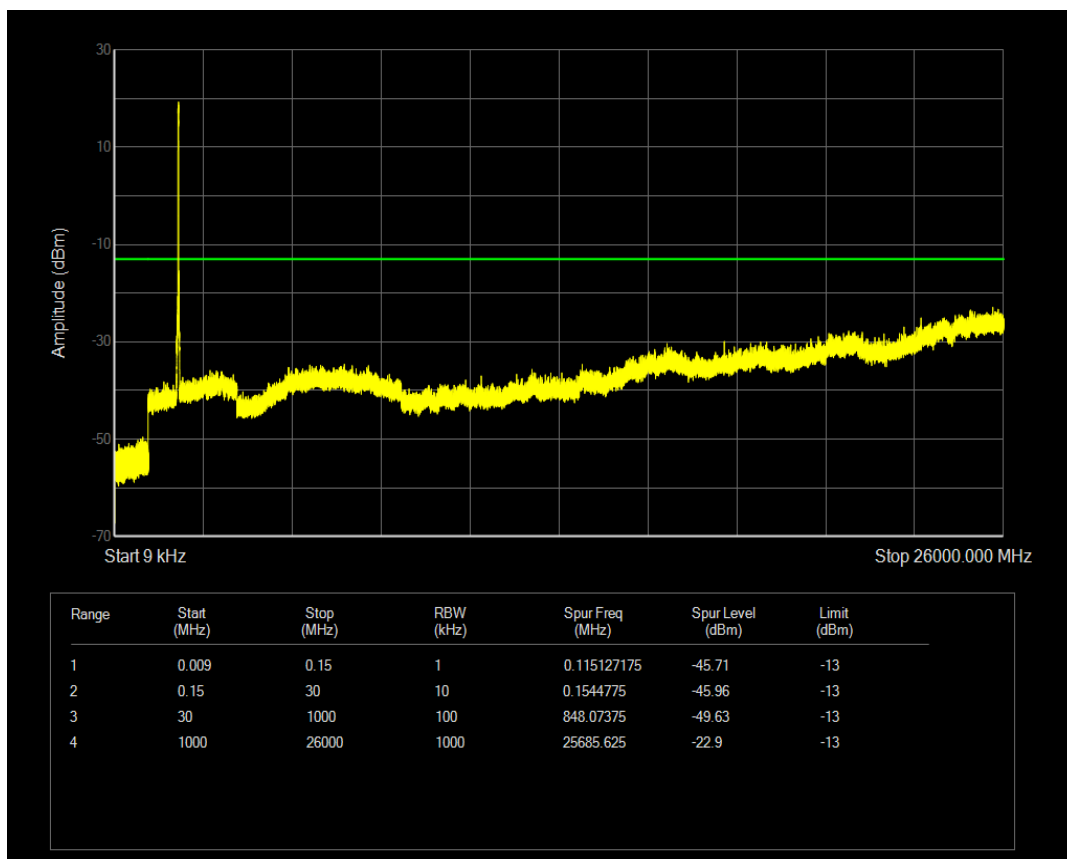


Band25 16QAM BW=20MHz Channel=26140 RB Size=100 Position=#0

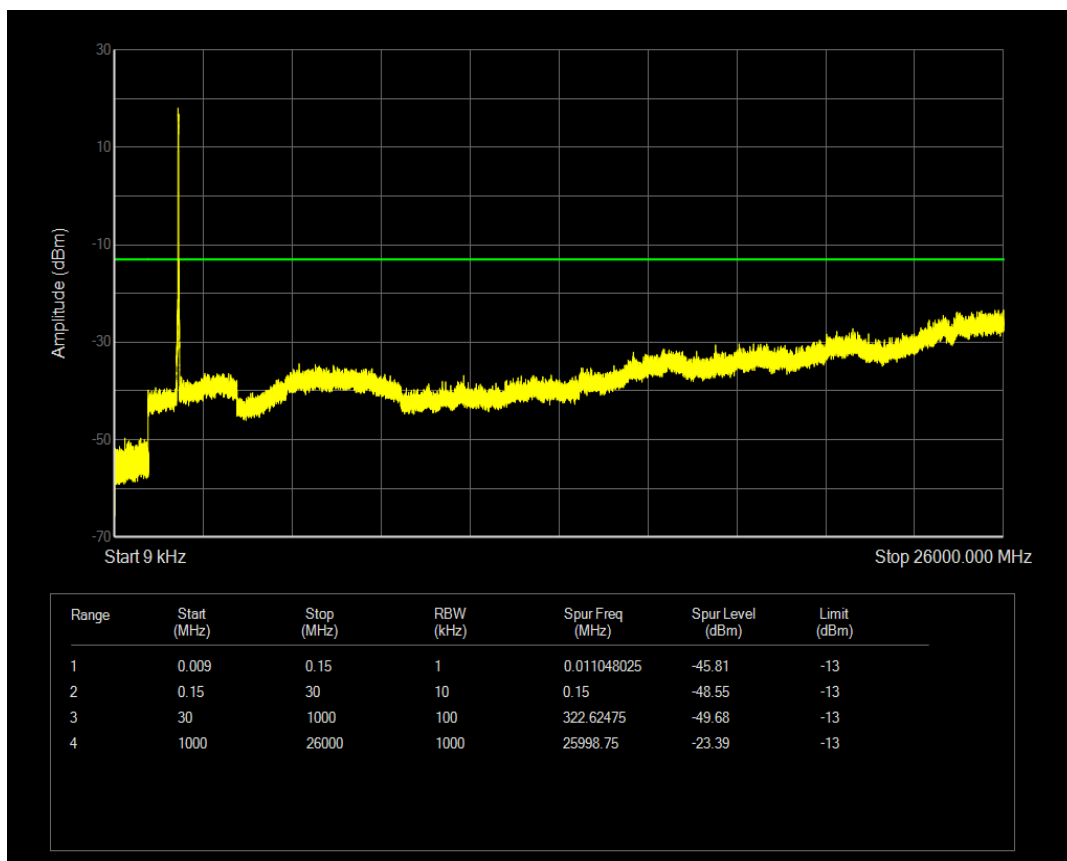




Band25 QPSK BW=20MHz Channel=26365 RB Size=100 Position=#0

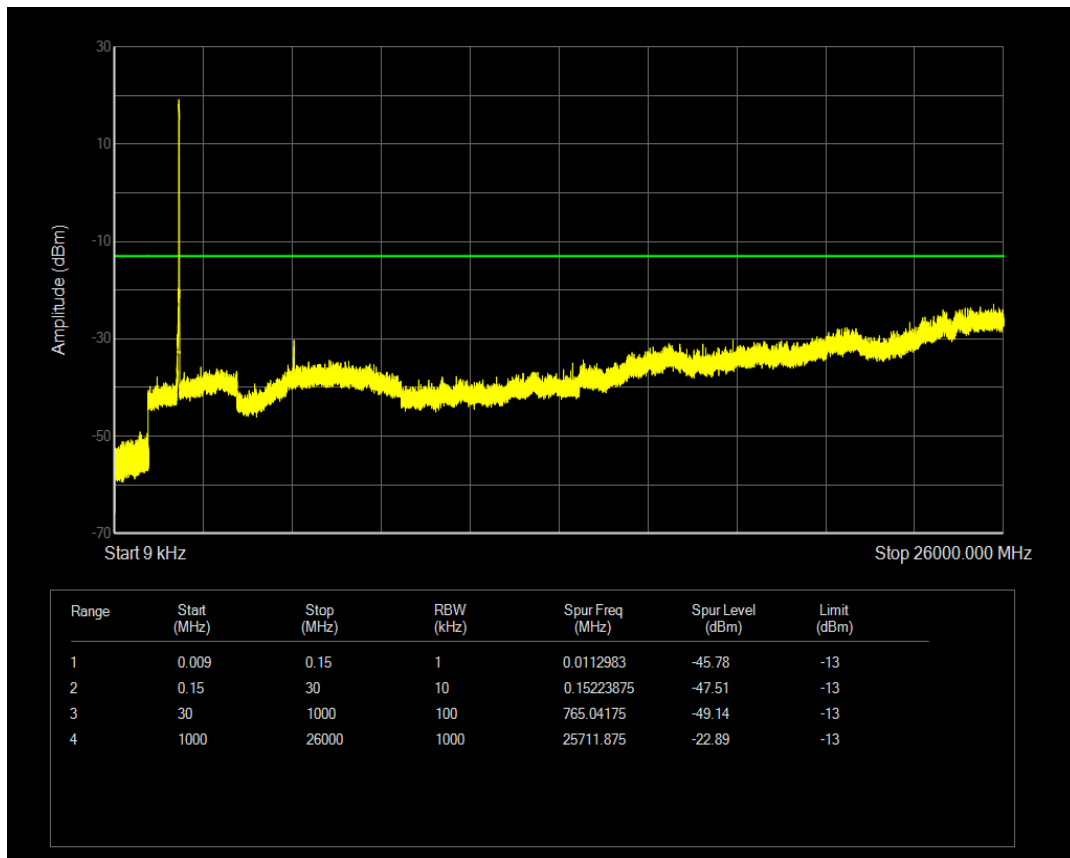


Band25 16QAM BW=20MHz Channel=26365 RB Size=100 Position=#0





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



Band25 16QAM BW=20MHz Channel=26590 RB Size=100 Position=#0

