

Appendix for Band 7

Report No.: BCTC2410930951-6E

Applicant: Shenzhen Qichang Intelligent Technology Co., Ltd

Product Name: Smart phone

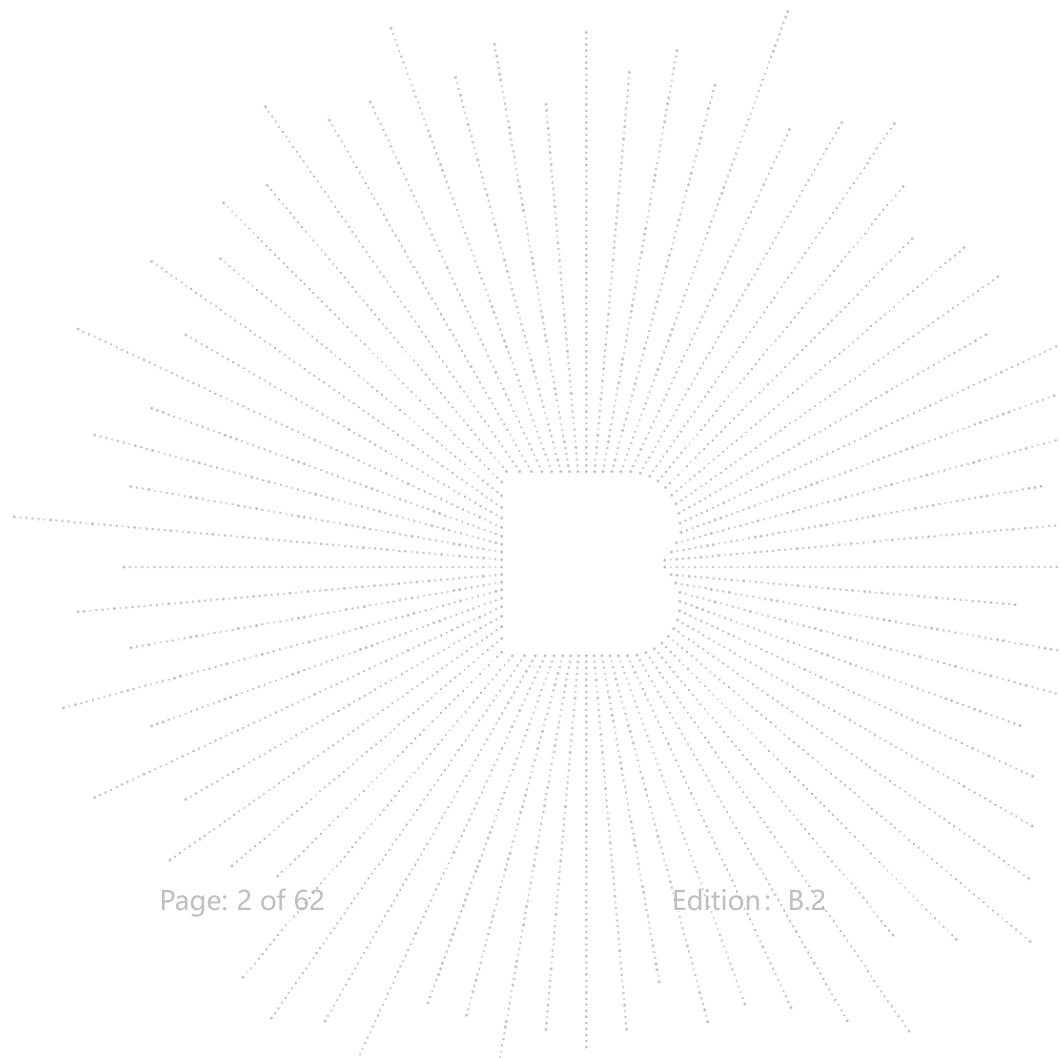
Test Model: S3

Tested Date: 2024-10-14 to 2024-11-06

Shenzhen BCTC Testing Co., Ltd.

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

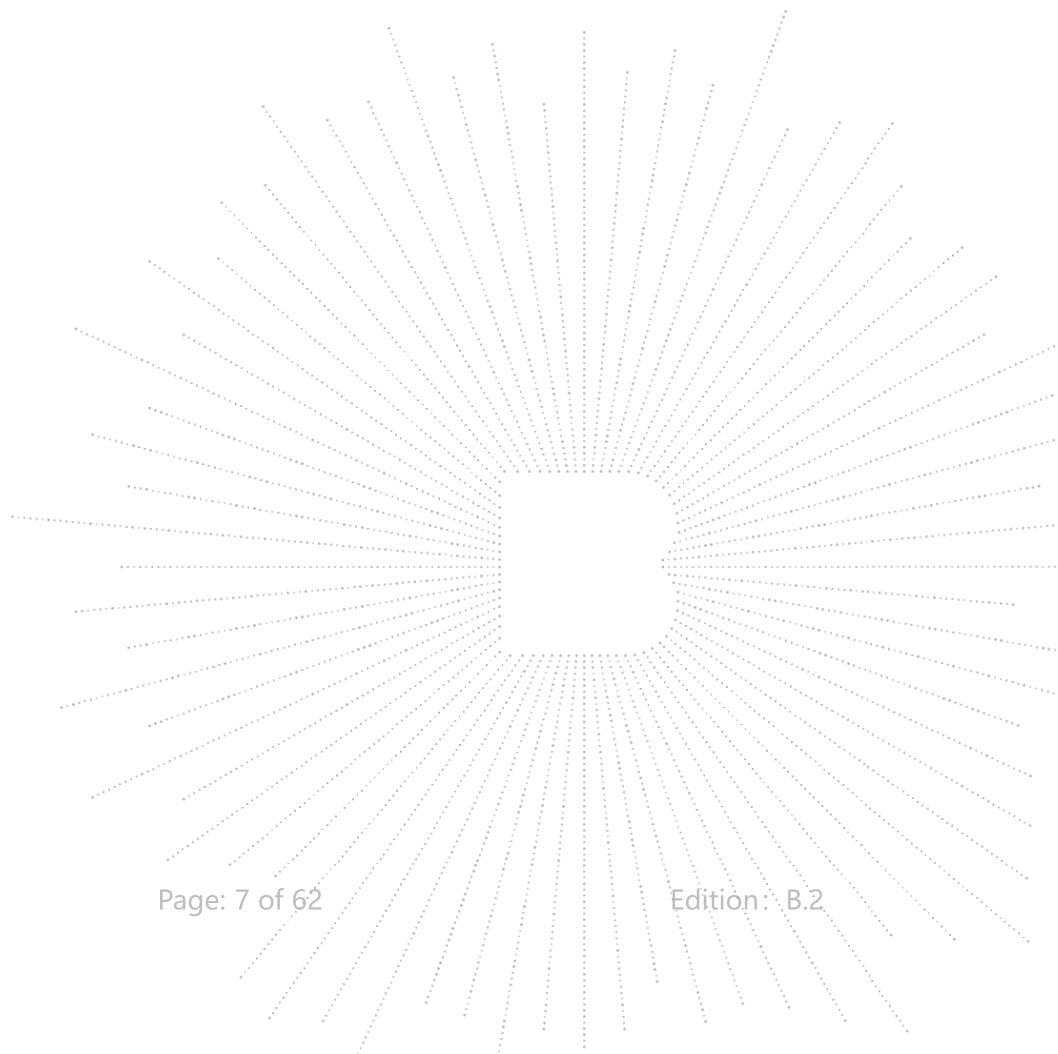
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Gain (dBm)	EIRP (dBm)	Verdict
Band7	5	20775	1	#0	QPSK	23.60	-1.1	22.50	PASS
Band7	5	20775	1	#Mid	QPSK	23.95	-1.1	22.85	PASS
Band7	5	20775	1	#Max	QPSK	23.57	-1.1	22.47	PASS
Band7	5	20775	12	#0	QPSK	22.65	-1.1	21.55	PASS
Band7	5	20775	12	#Mid	QPSK	22.71	-1.1	21.61	PASS
Band7	5	20775	12	#Max	QPSK	22.67	-1.1	21.57	PASS
Band7	5	20775	25	#0	QPSK	22.66	-1.1	21.56	PASS
Band7	5	20775	1	#0	16QAM	23.09	-1.1	21.99	PASS
Band7	5	20775	1	#Mid	16QAM	23.44	-1.1	22.34	PASS
Band7	5	20775	1	#Max	16QAM	23.05	-1.1	21.95	PASS
Band7	5	20775	12	#0	16QAM	21.62	-1.1	20.52	PASS
Band7	5	20775	12	#Mid	16QAM	21.61	-1.1	20.51	PASS
Band7	5	20775	12	#Max	16QAM	21.63	-1.1	20.53	PASS
Band7	5	20775	25	#0	16QAM	21.59	-1.1	20.49	PASS
Band7	5	21100	1	#0	QPSK	23.36	-1.1	22.26	PASS
Band7	5	21100	1	#Mid	QPSK	23.75	-1.1	22.65	PASS
Band7	5	21100	1	#Max	QPSK	23.30	-1.1	22.20	PASS
Band7	5	21100	12	#0	QPSK	22.41	-1.1	21.31	PASS
Band7	5	21100	12	#Mid	QPSK	22.44	-1.1	21.34	PASS
Band7	5	21100	12	#Max	QPSK	22.37	-1.1	21.27	PASS
Band7	5	21100	25	#0	QPSK	22.40	-1.1	21.30	PASS
Band7	5	21100	1	#0	16QAM	22.62	-1.1	21.52	PASS
Band7	5	21100	1	#Mid	16QAM	22.97	-1.1	21.87	PASS
Band7	5	21100	1	#Max	16QAM	22.63	-1.1	21.53	PASS
Band7	5	21100	12	#0	16QAM	21.33	-1.1	20.23	PASS
Band7	5	21100	12	#Mid	16QAM	21.33	-1.1	20.23	PASS
Band7	5	21100	12	#Max	16QAM	21.27	-1.1	20.17	PASS
Band7	5	21100	25	#0	16QAM	21.38	-1.1	20.28	PASS
Band7	5	21425	1	#0	QPSK	23.22	-1.1	22.12	PASS
Band7	5	21425	1	#Mid	QPSK	23.65	-1.1	22.55	PASS
Band7	5	21425	1	#Max	QPSK	23.26	-1.1	22.16	PASS
Band7	5	21425	12	#0	QPSK	22.43	-1.1	21.33	PASS
Band7	5	21425	12	#Mid	QPSK	22.45	-1.1	21.35	PASS
Band7	5	21425	12	#Max	QPSK	22.37	-1.1	21.27	PASS
Band7	5	21425	25	#0	QPSK	22.40	-1.1	21.30	PASS
Band7	5	21425	1	#0	16QAM	22.58	-1.1	21.48	PASS

Band7	5	21425	1	#Mid	16QAM	22.79	-1.1	21.69	PASS
Band7	5	21425	1	#Max	16QAM	22.58	-1.1	21.48	PASS
Band7	5	21425	12	#0	16QAM	21.39	-1.1	20.29	PASS
Band7	5	21425	12	#Mid	16QAM	21.45	-1.1	20.35	PASS
Band7	5	21425	12	#Max	16QAM	21.34	-1.1	20.24	PASS
Band7	5	21425	25	#0	16QAM	21.31	-1.1	20.21	PASS
Band7	10	20800	1	#0	QPSK	23.76	-1.1	22.66	PASS
Band7	10	20800	1	#Mid	QPSK	23.83	-1.1	22.73	PASS
Band7	10	20800	1	#Max	QPSK	23.69	-1.1	22.59	PASS
Band7	10	20800	25	#0	QPSK	22.68	-1.1	21.58	PASS
Band7	10	20800	25	#Mid	QPSK	22.69	-1.1	21.59	PASS
Band7	10	20800	25	#Max	QPSK	22.68	-1.1	21.58	PASS
Band7	10	20800	50	#0	QPSK	22.64	-1.1	21.54	PASS
Band7	10	20800	1	#0	16QAM	22.54	-1.1	21.44	PASS
Band7	10	20800	1	#Mid	16QAM	22.63	-1.1	21.53	PASS
Band7	10	20800	1	#Max	16QAM	22.41	-1.1	21.31	PASS
Band7	10	20800	25	#0	16QAM	21.66	-1.1	20.56	PASS
Band7	10	20800	25	#Mid	16QAM	21.61	-1.1	20.51	PASS
Band7	10	20800	25	#Max	16QAM	21.68	-1.1	20.58	PASS
Band7	10	20800	50	#0	16QAM	21.61	-1.1	20.51	PASS
Band7	10	21100	1	#0	QPSK	23.42	-1.1	22.32	PASS
Band7	10	21100	1	#Mid	QPSK	23.50	-1.1	22.40	PASS
Band7	10	21100	1	#Max	QPSK	23.40	-1.1	22.30	PASS
Band7	10	21100	25	#0	QPSK	22.50	-1.1	21.40	PASS
Band7	10	21100	25	#Mid	QPSK	22.47	-1.1	21.37	PASS
Band7	10	21100	25	#Max	QPSK	22.47	-1.1	21.37	PASS
Band7	10	21100	50	#0	QPSK	22.42	-1.1	21.32	PASS
Band7	10	21100	1	#0	16QAM	22.84	-1.1	21.74	PASS
Band7	10	21100	1	#Mid	16QAM	22.90	-1.1	21.80	PASS
Band7	10	21100	1	#Max	16QAM	22.76	-1.1	21.66	PASS
Band7	10	21100	25	#0	16QAM	21.47	-1.1	20.37	PASS
Band7	10	21100	25	#Mid	16QAM	21.40	-1.1	20.30	PASS
Band7	10	21100	25	#Max	16QAM	21.45	-1.1	20.35	PASS
Band7	10	21100	50	#0	16QAM	21.40	-1.1	20.30	PASS
Band7	10	21400	1	#0	QPSK	23.33	-1.1	22.23	PASS
Band7	10	21400	1	#Mid	QPSK	23.49	-1.1	22.39	PASS
Band7	10	21400	1	#Max	QPSK	23.36	-1.1	22.26	PASS
Band7	10	21400	25	#0	QPSK	22.44	-1.1	21.34	PASS
Band7	10	21400	25	#Mid	QPSK	22.40	-1.1	21.30	PASS
Band7	10	21400	25	#Max	QPSK	22.40	-1.1	21.30	PASS
Band7	10	21400	50	#0	QPSK	22.39	-1.1	21.29	PASS
Band7	10	21400	1	#0	16QAM	22.44	-1.1	21.34	PASS
Band7	10	21400	1	#Mid	16QAM	22.67	-1.1	21.57	PASS

Band7	10	21400	1	#Max	16QAM	22.53	-1.1	21.43	PASS
Band7	10	21400	25	#0	16QAM	21.41	-1.1	20.31	PASS
Band7	10	21400	25	#Mid	16QAM	21.36	-1.1	20.26	PASS
Band7	10	21400	25	#Max	16QAM	21.39	-1.1	20.29	PASS
Band7	10	21400	50	#0	16QAM	21.40	-1.1	20.30	PASS
Band7	15	20825	1	#0	QPSK	23.58	-1.1	22.48	PASS
Band7	15	20825	1	#Mid	QPSK	23.94	-1.1	22.84	PASS
Band7	15	20825	1	#Max	QPSK	23.40	-1.1	22.30	PASS
Band7	15	20825	36	#0	QPSK	22.71	-1.1	21.61	PASS
Band7	15	20825	36	#Mid	QPSK	22.69	-1.1	21.59	PASS
Band7	15	20825	36	#Max	QPSK	22.66	-1.1	21.56	PASS
Band7	15	20825	75	#0	QPSK	22.67	-1.1	21.57	PASS
Band7	15	20825	1	#0	16QAM	22.93	-1.1	21.83	PASS
Band7	15	20825	1	#Mid	16QAM	23.27	-1.1	22.17	PASS
Band7	15	20825	1	#Max	16QAM	22.80	-1.1	21.70	PASS
Band7	15	20825	36	#0	16QAM	21.63	-1.1	20.53	PASS
Band7	15	20825	36	#Mid	16QAM	21.65	-1.1	20.55	PASS
Band7	15	20825	36	#Max	16QAM	21.62	-1.1	20.52	PASS
Band7	15	20825	75	#0	16QAM	21.61	-1.1	20.51	PASS
Band7	15	21100	1	#0	QPSK	23.38	-1.1	22.28	PASS
Band7	15	21100	1	#Mid	QPSK	23.57	-1.1	22.47	PASS
Band7	15	21100	1	#Max	QPSK	23.29	-1.1	22.19	PASS
Band7	15	21100	36	#0	QPSK	22.48	-1.1	21.38	PASS
Band7	15	21100	36	#Mid	QPSK	22.52	-1.1	21.42	PASS
Band7	15	21100	36	#Max	QPSK	22.39	-1.1	21.29	PASS
Band7	15	21100	75	#0	QPSK	22.46	-1.1	21.36	PASS
Band7	15	21100	1	#0	16QAM	22.58	-1.1	21.48	PASS
Band7	15	21100	1	#Mid	16QAM	22.90	-1.1	21.80	PASS
Band7	15	21100	1	#Max	16QAM	22.42	-1.1	21.32	PASS
Band7	15	21100	36	#0	16QAM	21.52	-1.1	20.42	PASS
Band7	15	21100	36	#Mid	16QAM	21.48	-1.1	20.38	PASS
Band7	15	21100	36	#Max	16QAM	21.46	-1.1	20.36	PASS
Band7	15	21100	75	#0	16QAM	21.45	-1.1	20.35	PASS
Band7	15	21375	1	#0	QPSK	23.33	-1.1	22.23	PASS
Band7	15	21375	1	#Mid	QPSK	23.75	-1.1	22.65	PASS
Band7	15	21375	1	#Max	QPSK	23.37	-1.1	22.27	PASS
Band7	15	21375	36	#0	QPSK	22.40	-1.1	21.30	PASS
Band7	15	21375	36	#Mid	QPSK	22.40	-1.1	21.30	PASS
Band7	15	21375	36	#Max	QPSK	22.46	-1.1	21.36	PASS
Band7	15	21375	75	#0	QPSK	22.43	-1.1	21.33	PASS
Band7	15	21375	1	#0	16QAM	22.38	-1.1	21.28	PASS
Band7	15	21375	1	#Mid	16QAM	22.71	-1.1	21.61	PASS
Band7	15	21375	1	#Max	16QAM	22.38	-1.1	21.28	PASS

Band7	15	21375	36	#0	16QAM	21.28	-1.1	20.18	PASS
Band7	15	21375	36	#Mid	16QAM	21.32	-1.1	20.22	PASS
Band7	15	21375	36	#Max	16QAM	21.34	-1.1	20.24	PASS
Band7	15	21375	75	#0	16QAM	21.40	-1.1	20.30	PASS
Band7	20	20850	1	#0	QPSK	23.55	-1.1	22.45	PASS
Band7	20	20850	1	#Mid	QPSK	23.74	-1.1	22.64	PASS
Band7	20	20850	1	#Max	QPSK	23.36	-1.1	22.26	PASS
Band7	20	20850	50	#0	QPSK	22.51	-1.1	21.41	PASS
Band7	20	20850	50	#Mid	QPSK	22.59	-1.1	21.49	PASS
Band7	20	20850	50	#Max	QPSK	22.54	-1.1	21.44	PASS
Band7	20	20850	100	#0	QPSK	22.52	-1.1	21.42	PASS
Band7	20	20850	1	#0	16QAM	22.74	-1.1	21.64	PASS
Band7	20	20850	1	#Mid	16QAM	22.91	-1.1	21.81	PASS
Band7	20	20850	1	#Max	16QAM	22.55	-1.1	21.45	PASS
Band7	20	20850	50	#0	16QAM	21.47	-1.1	20.37	PASS
Band7	20	20850	50	#Mid	16QAM	21.57	-1.1	20.47	PASS
Band7	20	20850	50	#Max	16QAM	21.56	-1.1	20.46	PASS
Band7	20	20850	100	#0	16QAM	21.49	-1.1	20.39	PASS
Band7	20	21100	1	#0	QPSK	23.34	-1.1	22.24	PASS
Band7	20	21100	1	#Mid	QPSK	23.54	-1.1	22.44	PASS
Band7	20	21100	1	#Max	QPSK	23.23	-1.1	22.13	PASS
Band7	20	21100	50	#0	QPSK	22.44	-1.1	21.34	PASS
Band7	20	21100	50	#Mid	QPSK	22.42	-1.1	21.32	PASS
Band7	20	21100	50	#Max	QPSK	22.40	-1.1	21.30	PASS
Band7	20	21100	100	#0	QPSK	22.41	-1.1	21.31	PASS
Band7	20	21100	1	#0	16QAM	22.64	-1.1	21.54	PASS
Band7	20	21100	1	#Mid	16QAM	22.87	-1.1	21.77	PASS
Band7	20	21100	1	#Max	16QAM	22.51	-1.1	21.41	PASS
Band7	20	21100	50	#0	16QAM	21.47	-1.1	20.37	PASS
Band7	20	21100	50	#Mid	16QAM	21.49	-1.1	20.39	PASS
Band7	20	21100	50	#Max	16QAM	21.39	-1.1	20.29	PASS
Band7	20	21100	100	#0	16QAM	21.41	-1.1	20.31	PASS
Band7	20	21350	1	#0	QPSK	23.26	-1.1	22.16	PASS
Band7	20	21350	1	#Mid	QPSK	23.58	-1.1	22.48	PASS
Band7	20	21350	1	#Max	QPSK	23.34	-1.1	22.24	PASS
Band7	20	21350	50	#0	QPSK	22.27	-1.1	21.17	PASS
Band7	20	21350	50	#Mid	QPSK	22.33	-1.1	21.23	PASS
Band7	20	21350	50	#Max	QPSK	22.27	-1.1	21.17	PASS
Band7	20	21350	100	#0	QPSK	22.23	-1.1	21.13	PASS
Band7	20	21350	1	#0	16QAM	22.35	-1.1	21.25	PASS
Band7	20	21350	1	#Mid	16QAM	22.66	-1.1	21.56	PASS
Band7	20	21350	1	#Max	16QAM	22.48	-1.1	21.38	PASS
Band7	20	21350	50	#0	16QAM	21.24	-1.1	20.14	PASS

Band7	20	21350	50	#Mid	16QAM	21.34	-1.1	20.24	PASS
Band7	20	21350	50	#Max	16QAM	21.22	-1.1	20.12	PASS
Band7	20	21350	100	#0	16QAM	21.19	-1.1	20.09	PASS



Appendix 2. Frequency stability

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Voltage (Vdc)	Temperatue (C)	Result (Hz)	Result (ppm)	Verdict
Band7	5	20775	25	#0	QPSK	LV	NT	-12.89	-0.005	PASS
Band7	5	20775	25	#0	QPSK	NV	NT	-10.69	-0.004	PASS
Band7	5	20775	25	#0	QPSK	HV	NT	-4.49	-0.002	PASS
Band7	5	20775	25	#0	16QAM	LV	NT	-1.30	-0.001	PASS
Band7	5	20775	25	#0	16QAM	NV	NT	-1.72	-0.001	PASS
Band7	5	20775	25	#0	16QAM	HV	NT	-4.88	-0.002	PASS
Band7	5	21100	25	#0	QPSK	LV	NT	1.72	0.001	PASS
Band7	5	21100	25	#0	QPSK	NV	NT	-1.85	-0.001	PASS
Band7	5	21100	25	#0	QPSK	HV	NT	-5.15	-0.002	PASS
Band7	5	21100	25	#0	16QAM	LV	NT	-4.16	-0.002	PASS
Band7	5	21100	25	#0	16QAM	NV	NT	-3.45	-0.001	PASS
Band7	5	21100	25	#0	16QAM	HV	NT	-6.91	-0.003	PASS
Band7	5	21425	25	#0	QPSK	LV	NT	2.66	0.001	PASS
Band7	5	21425	25	#0	QPSK	NV	NT	-1.79	-0.001	PASS
Band7	5	21425	25	#0	QPSK	HV	NT	-3.62	-0.001	PASS
Band7	5	21425	25	#0	16QAM	LV	NT	-5.29	-0.002	PASS
Band7	5	21425	25	#0	16QAM	NV	NT	-2.46	-0.001	PASS
Band7	5	21425	25	#0	16QAM	HV	NT	-3.02	-0.001	PASS
Band7	10	20800	50	#0	QPSK	LV	NT	-4.12	-0.002	PASS
Band7	10	20800	50	#0	QPSK	NV	NT	-5.58	-0.002	PASS
Band7	10	20800	50	#0	QPSK	HV	NT	-3.73	-0.001	PASS
Band7	10	20800	50	#0	16QAM	LV	NT	-1.14	0.000	PASS
Band7	10	20800	50	#0	16QAM	NV	NT	-1.89	-0.001	PASS
Band7	10	20800	50	#0	16QAM	HV	NT	-2.30	-0.001	PASS
Band7	10	21100	50	#0	QPSK	LV	NT	-3.58	-0.001	PASS
Band7	10	21100	50	#0	QPSK	NV	NT	-6.05	-0.002	PASS
Band7	10	21100	50	#0	QPSK	HV	NT	-3.56	-0.001	PASS
Band7	10	21100	50	#0	16QAM	LV	NT	-6.44	-0.003	PASS
Band7	10	21100	50	#0	16QAM	NV	NT	-2.92	-0.001	PASS
Band7	10	21100	50	#0	16QAM	HV	NT	-3.88	-0.002	PASS
Band7	10	21400	50	#0	QPSK	LV	NT	-4.46	-0.002	PASS
Band7	10	21400	50	#0	QPSK	NV	NT	-10.00	-0.004	PASS
Band7	10	21400	50	#0	QPSK	HV	NT	-8.65	-0.003	PASS
Band7	10	21400	50	#0	16QAM	LV	NT	-11.32	-0.004	PASS
Band7	10	21400	50	#0	16QAM	NV	NT	-4.58	-0.002	PASS
Band7	10	21400	50	#0	16QAM	HV	NT	-8.71	-0.003	PASS
Band7	15	20825	75	#0	QPSK	LV	NT	-6.02	-0.002	PASS
Band7	15	20825	75	#0	QPSK	NV	NT	-4.82	-0.002	PASS

Band7	15	20825	75	#0	QPSK	HV	NT	-0.79	0.000	PASS
Band7	15	20825	75	#0	16QAM	LV	NT	-1.26	-0.001	PASS
Band7	15	20825	75	#0	16QAM	NV	NT	-3.52	-0.001	PASS
Band7	15	20825	75	#0	16QAM	HV	NT	-4.22	-0.002	PASS
Band7	15	21100	75	#0	QPSK	LV	NT	-4.91	-0.002	PASS
Band7	15	21100	75	#0	QPSK	NV	NT	-4.98	-0.002	PASS
Band7	15	21100	75	#0	QPSK	HV	NT	-2.30	-0.001	PASS
Band7	15	21100	75	#0	16QAM	LV	NT	-4.02	-0.002	PASS
Band7	15	21100	75	#0	16QAM	NV	NT	-4.03	-0.002	PASS
Band7	15	21100	75	#0	16QAM	HV	NT	-3.13	-0.001	PASS
Band7	15	21375	75	#0	QPSK	LV	NT	-4.88	-0.002	PASS
Band7	15	21375	75	#0	QPSK	NV	NT	-6.48	-0.003	PASS
Band7	15	21375	75	#0	QPSK	HV	NT	-7.14	-0.003	PASS
Band7	15	21375	75	#0	16QAM	LV	NT	-6.18	-0.002	PASS
Band7	15	21375	75	#0	16QAM	NV	NT	-3.63	-0.001	PASS
Band7	15	21375	75	#0	16QAM	HV	NT	-8.38	-0.003	PASS
Band7	20	20850	100	#0	QPSK	LV	NT	-3.16	-0.001	PASS
Band7	20	20850	100	#0	QPSK	NV	NT	-2.59	-0.001	PASS
Band7	20	20850	100	#0	QPSK	HV	NT	-4.91	-0.002	PASS
Band7	20	20850	100	#0	16QAM	LV	NT	-1.27	-0.001	PASS
Band7	20	20850	100	#0	16QAM	NV	NT	-3.05	-0.001	PASS
Band7	20	20850	100	#0	16QAM	HV	NT	-1.46	-0.001	PASS
Band7	20	21100	100	#0	QPSK	LV	NT	-5.28	-0.002	PASS
Band7	20	21100	100	#0	QPSK	NV	NT	-6.14	-0.002	PASS
Band7	20	21100	100	#0	QPSK	HV	NT	-6.90	-0.003	PASS
Band7	20	21100	100	#0	16QAM	LV	NT	-5.75	-0.002	PASS
Band7	20	21100	100	#0	16QAM	NV	NT	-7.28	-0.003	PASS
Band7	20	21100	100	#0	16QAM	HV	NT	-4.98	-0.002	PASS
Band7	20	21350	100	#0	QPSK	LV	NT	-13.96	-0.005	PASS
Band7	20	21350	100	#0	QPSK	NV	NT	-9.10	-0.004	PASS
Band7	20	21350	100	#0	QPSK	HV	NT	-6.65	-0.003	PASS
Band7	20	21350	100	#0	16QAM	LV	NT	-8.55	-0.003	PASS
Band7	20	21350	100	#0	16QAM	NV	NT	-7.50	-0.003	PASS
Band7	20	21350	100	#0	16QAM	HV	NT	-10.87	-0.004	PASS

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Voltage (Vdc)	Temperature (C)	Result (Hz)	Result (ppm)	Verdict
Band7	5	20775	25	#0	QPSK	NV	-30	-6.18	-0.002	PASS
Band7	5	20775	25	#0	QPSK	NV	-20	-5.06	-0.002	PASS
Band7	5	20775	25	#0	QPSK	NV	-10	-1.73	-0.001	PASS
Band7	5	20775	25	#0	QPSK	NV	0	-3.00	-0.001	PASS
Band7	5	20775	25	#0	QPSK	NV	10	-7.90	-0.003	PASS
Band7	5	20775	25	#0	QPSK	NV	20	-7.02	-0.003	PASS

Band7	5	20775	25	#0	QPSK	NV	30	-5.56	-0.002	PASS
Band7	5	20775	25	#0	QPSK	NV	40	-0.46	0.000	PASS
Band7	5	20775	25	#0	QPSK	NV	50	1.20	0.000	PASS
Band7	5	20775	25	#0	16QAM	NV	-30	-0.82	0.000	PASS
Band7	5	20775	25	#0	16QAM	NV	-20	-3.13	-0.001	PASS
Band7	5	20775	25	#0	16QAM	NV	-10	0.86	0.000	PASS
Band7	5	20775	25	#0	16QAM	NV	0	-2.30	-0.001	PASS
Band7	5	20775	25	#0	16QAM	NV	10	4.25	0.002	PASS
Band7	5	20775	25	#0	16QAM	NV	20	-1.53	-0.001	PASS
Band7	5	20775	25	#0	16QAM	NV	30	-2.66	-0.001	PASS
Band7	5	20775	25	#0	16QAM	NV	40	-4.23	-0.002	PASS
Band7	5	20775	25	#0	16QAM	NV	50	-0.04	0.000	PASS
Band7	5	21100	25	#0	QPSK	NV	-30	-4.15	-0.002	PASS
Band7	5	21100	25	#0	QPSK	NV	-20	-7.54	-0.003	PASS
Band7	5	21100	25	#0	QPSK	NV	-10	-8.11	-0.003	PASS
Band7	5	21100	25	#0	QPSK	NV	0	-3.00	-0.001	PASS
Band7	5	21100	25	#0	QPSK	NV	10	-2.26	-0.001	PASS
Band7	5	21100	25	#0	QPSK	NV	20	-6.47	-0.003	PASS
Band7	5	21100	25	#0	QPSK	NV	30	-5.89	-0.002	PASS
Band7	5	21100	25	#0	QPSK	NV	40	-7.80	-0.003	PASS
Band7	5	21100	25	#0	QPSK	NV	50	-9.83	-0.004	PASS
Band7	5	21100	25	#0	16QAM	NV	-30	-6.90	-0.003	PASS
Band7	5	21100	25	#0	16QAM	NV	-20	-7.17	-0.003	PASS
Band7	5	21100	25	#0	16QAM	NV	-10	-9.31	-0.004	PASS
Band7	5	21100	25	#0	16QAM	NV	0	-9.76	-0.004	PASS
Band7	5	21100	25	#0	16QAM	NV	10	-6.38	-0.003	PASS
Band7	5	21100	25	#0	16QAM	NV	20	-7.58	-0.003	PASS
Band7	5	21100	25	#0	16QAM	NV	30	-7.64	-0.003	PASS
Band7	5	21100	25	#0	16QAM	NV	40	-4.28	-0.002	PASS
Band7	5	21100	25	#0	16QAM	NV	50	-2.49	-0.001	PASS
Band7	5	21425	25	#0	QPSK	NV	-30	-5.11	-0.002	PASS
Band7	5	21425	25	#0	QPSK	NV	-20	-7.15	-0.003	PASS
Band7	5	21425	25	#0	QPSK	NV	-10	-6.35	-0.002	PASS
Band7	5	21425	25	#0	QPSK	NV	0	-6.19	-0.002	PASS
Band7	5	21425	25	#0	QPSK	NV	10	-4.71	-0.002	PASS
Band7	5	21425	25	#0	QPSK	NV	20	-10.13	-0.004	PASS
Band7	5	21425	25	#0	QPSK	NV	30	-9.54	-0.004	PASS
Band7	5	21425	25	#0	QPSK	NV	40	-5.61	-0.002	PASS
Band7	5	21425	25	#0	QPSK	NV	50	-8.37	-0.003	PASS
Band7	5	21425	25	#0	16QAM	NV	-30	-7.04	-0.003	PASS
Band7	5	21425	25	#0	16QAM	NV	-20	-4.79	-0.002	PASS
Band7	5	21425	25	#0	16QAM	NV	-10	-11.32	-0.004	PASS
Band7	5	21425	25	#0	16QAM	NV	0	-4.16	-0.002	PASS

Band7	5	21425	25	#0	16QAM	NV	10	-6.71	-0.003	PASS
Band7	5	21425	25	#0	16QAM	NV	20	-5.44	-0.002	PASS
Band7	5	21425	25	#0	16QAM	NV	30	-4.79	-0.002	PASS
Band7	5	21425	25	#0	16QAM	NV	40	-6.07	-0.002	PASS
Band7	5	21425	25	#0	16QAM	NV	50	-11.29	-0.004	PASS
Band7	10	20800	50	#0	QPSK	NV	-30	-8.55	-0.003	PASS
Band7	10	20800	50	#0	QPSK	NV	-20	-6.01	-0.002	PASS
Band7	10	20800	50	#0	QPSK	NV	-10	-10.39	-0.004	PASS
Band7	10	20800	50	#0	QPSK	NV	0	-5.56	-0.002	PASS
Band7	10	20800	50	#0	QPSK	NV	10	-4.96	-0.002	PASS
Band7	10	20800	50	#0	QPSK	NV	20	-4.06	-0.002	PASS
Band7	10	20800	50	#0	QPSK	NV	30	-5.56	-0.002	PASS
Band7	10	20800	50	#0	QPSK	NV	40	-7.01	-0.003	PASS
Band7	10	20800	50	#0	QPSK	NV	50	-5.35	-0.002	PASS
Band7	10	20800	50	#0	16QAM	NV	-30	-4.32	-0.002	PASS
Band7	10	20800	50	#0	16QAM	NV	-20	-5.39	-0.002	PASS
Band7	10	20800	50	#0	16QAM	NV	-10	-3.63	-0.001	PASS
Band7	10	20800	50	#0	16QAM	NV	0	-0.63	0.000	PASS
Band7	10	20800	50	#0	16QAM	NV	10	-4.28	-0.002	PASS
Band7	10	20800	50	#0	16QAM	NV	20	-4.86	-0.002	PASS
Band7	10	20800	50	#0	16QAM	NV	30	-4.06	-0.002	PASS
Band7	10	20800	50	#0	16QAM	NV	40	-5.94	-0.002	PASS
Band7	10	20800	50	#0	16QAM	NV	50	-5.09	-0.002	PASS
Band7	10	21100	50	#0	QPSK	NV	-30	-5.39	-0.002	PASS
Band7	10	21100	50	#0	QPSK	NV	-20	-8.23	-0.003	PASS
Band7	10	21100	50	#0	QPSK	NV	-10	-2.03	-0.001	PASS
Band7	10	21100	50	#0	QPSK	NV	0	0.27	0.000	PASS
Band7	10	21100	50	#0	QPSK	NV	10	-2.17	-0.001	PASS
Band7	10	21100	50	#0	QPSK	NV	20	-0.49	0.000	PASS
Band7	10	21100	50	#0	QPSK	NV	30	0.72	0.000	PASS
Band7	10	21100	50	#0	QPSK	NV	40	-2.13	-0.001	PASS
Band7	10	21100	50	#0	QPSK	NV	50	-3.91	-0.002	PASS
Band7	10	21100	50	#0	16QAM	NV	-30	-2.33	-0.001	PASS
Band7	10	21100	50	#0	16QAM	NV	-20	-5.39	-0.002	PASS
Band7	10	21100	50	#0	16QAM	NV	-10	-7.10	-0.003	PASS
Band7	10	21100	50	#0	16QAM	NV	0	-5.09	-0.002	PASS
Band7	10	21100	50	#0	16QAM	NV	10	-3.92	-0.002	PASS
Band7	10	21100	50	#0	16QAM	NV	20	-2.95	-0.001	PASS
Band7	10	21100	50	#0	16QAM	NV	30	-5.99	-0.002	PASS
Band7	10	21100	50	#0	16QAM	NV	40	-6.35	-0.003	PASS
Band7	10	21100	50	#0	16QAM	NV	50	-1.99	-0.001	PASS
Band7	10	21400	50	#0	QPSK	NV	-30	-3.93	-0.002	PASS
Band7	10	21400	50	#0	QPSK	NV	-20	-5.44	-0.002	PASS

Band7	10	21400	50	#0	QPSK	NV	-10	-3.71	-0.001	PASS
Band7	10	21400	50	#0	QPSK	NV	0	-6.31	-0.002	PASS
Band7	10	21400	50	#0	QPSK	NV	10	-6.62	-0.003	PASS
Band7	10	21400	50	#0	QPSK	NV	20	-5.94	-0.002	PASS
Band7	10	21400	50	#0	QPSK	NV	30	-0.92	0.000	PASS
Band7	10	21400	50	#0	QPSK	NV	40	-3.08	-0.001	PASS
Band7	10	21400	50	#0	QPSK	NV	50	-7.04	-0.003	PASS
Band7	10	21400	50	#0	16QAM	NV	-30	-3.88	-0.002	PASS
Band7	10	21400	50	#0	16QAM	NV	-20	-2.96	-0.001	PASS
Band7	10	21400	50	#0	16QAM	NV	-10	-1.29	-0.001	PASS
Band7	10	21400	50	#0	16QAM	NV	0	-0.92	0.000	PASS
Band7	10	21400	50	#0	16QAM	NV	10	-1.00	0.000	PASS
Band7	10	21400	50	#0	16QAM	NV	20	-6.37	-0.002	PASS
Band7	10	21400	50	#0	16QAM	NV	30	-5.06	-0.002	PASS
Band7	10	21400	50	#0	16QAM	NV	40	-6.95	-0.003	PASS
Band7	10	21400	50	#0	16QAM	NV	50	-3.91	-0.002	PASS
Band7	15	20825	75	#0	QPSK	NV	-30	-7.21	-0.003	PASS
Band7	15	20825	75	#0	QPSK	NV	-20	-3.26	-0.001	PASS
Band7	15	20825	75	#0	QPSK	NV	-10	-5.02	-0.002	PASS
Band7	15	20825	75	#0	QPSK	NV	0	-5.15	-0.002	PASS
Band7	15	20825	75	#0	QPSK	NV	10	-1.32	-0.001	PASS
Band7	15	20825	75	#0	QPSK	NV	20	-3.50	-0.001	PASS
Band7	15	20825	75	#0	QPSK	NV	30	-4.79	-0.002	PASS
Band7	15	20825	75	#0	QPSK	NV	40	-2.59	-0.001	PASS
Band7	15	20825	75	#0	QPSK	NV	50	-4.41	-0.002	PASS
Band7	15	20825	75	#0	16QAM	NV	-30	-3.66	-0.001	PASS
Band7	15	20825	75	#0	16QAM	NV	-20	-1.76	-0.001	PASS
Band7	15	20825	75	#0	16QAM	NV	-10	-5.31	-0.002	PASS
Band7	15	20825	75	#0	16QAM	NV	0	-3.68	-0.001	PASS
Band7	15	20825	75	#0	16QAM	NV	10	-7.34	-0.003	PASS
Band7	15	20825	75	#0	16QAM	NV	20	-2.42	-0.001	PASS
Band7	15	20825	75	#0	16QAM	NV	30	-4.26	-0.002	PASS
Band7	15	20825	75	#0	16QAM	NV	40	-6.18	-0.002	PASS
Band7	15	20825	75	#0	16QAM	NV	50	-1.62	-0.001	PASS
Band7	15	21100	75	#0	QPSK	NV	-30	-4.15	-0.002	PASS
Band7	15	21100	75	#0	QPSK	NV	-20	-6.61	-0.003	PASS
Band7	15	21100	75	#0	QPSK	NV	-10	-7.48	-0.003	PASS
Band7	15	21100	75	#0	QPSK	NV	0	-4.09	-0.002	PASS
Band7	15	21100	75	#0	QPSK	NV	10	0.39	0.000	PASS
Band7	15	21100	75	#0	QPSK	NV	20	-7.00	-0.003	PASS
Band7	15	21100	75	#0	QPSK	NV	30	-4.95	-0.002	PASS
Band7	15	21100	75	#0	QPSK	NV	40	-7.11	-0.003	PASS
Band7	15	21100	75	#0	QPSK	NV	50	-4.73	-0.002	PASS

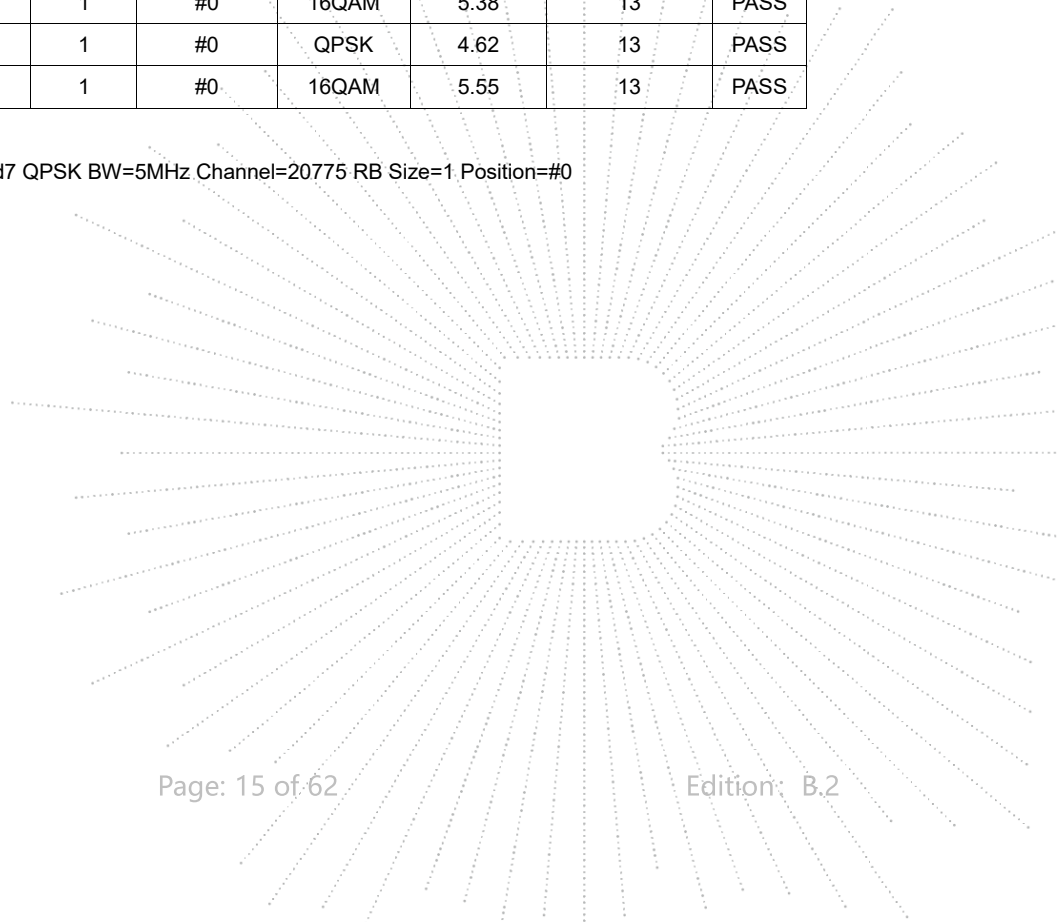
Band7	15	21100	75	#0	16QAM	NV	-30	-0.07	0.000	PASS
Band7	15	21100	75	#0	16QAM	NV	-20	1.92	0.001	PASS
Band7	15	21100	75	#0	16QAM	NV	-10	-2.07	-0.001	PASS
Band7	15	21100	75	#0	16QAM	NV	0	0.97	0.000	PASS
Band7	15	21100	75	#0	16QAM	NV	10	-2.62	-0.001	PASS
Band7	15	21100	75	#0	16QAM	NV	20	-2.47	-0.001	PASS
Band7	15	21100	75	#0	16QAM	NV	30	-1.46	-0.001	PASS
Band7	15	21100	75	#0	16QAM	NV	40	-3.32	-0.001	PASS
Band7	15	21100	75	#0	16QAM	NV	50	-2.05	-0.001	PASS
Band7	15	21375	75	#0	QPSK	NV	-30	-1.82	-0.001	PASS
Band7	15	21375	75	#0	QPSK	NV	-20	-2.52	-0.001	PASS
Band7	15	21375	75	#0	QPSK	NV	-10	1.89	0.001	PASS
Band7	15	21375	75	#0	QPSK	NV	0	-0.92	0.000	PASS
Band7	15	21375	75	#0	QPSK	NV	10	2.57	0.001	PASS
Band7	15	21375	75	#0	QPSK	NV	20	-3.10	-0.001	PASS
Band7	15	21375	75	#0	QPSK	NV	30	4.23	0.002	PASS
Band7	15	21375	75	#0	QPSK	NV	40	-2.39	-0.001	PASS
Band7	15	21375	75	#0	QPSK	NV	50	-0.92	0.000	PASS
Band7	15	21375	75	#0	16QAM	NV	-30	2.80	0.001	PASS
Band7	15	21375	75	#0	16QAM	NV	-20	1.26	0.000	PASS
Band7	15	21375	75	#0	16QAM	NV	-10	-1.23	0.000	PASS
Band7	15	21375	75	#0	16QAM	NV	0	0.99	0.000	PASS
Band7	15	21375	75	#0	16QAM	NV	10	2.22	0.001	PASS
Band7	15	21375	75	#0	16QAM	NV	20	-1.37	-0.001	PASS
Band7	15	21375	75	#0	16QAM	NV	30	-0.79	0.000	PASS
Band7	15	21375	75	#0	16QAM	NV	40	-3.52	-0.001	PASS
Band7	15	21375	75	#0	16QAM	NV	50	0.21	0.000	PASS
Band7	20	20850	100	#0	QPSK	NV	-30	-4.61	-0.002	PASS
Band7	20	20850	100	#0	QPSK	NV	-20	-1.22	0.000	PASS
Band7	20	20850	100	#0	QPSK	NV	-10	-3.03	-0.001	PASS
Band7	20	20850	100	#0	QPSK	NV	0	-1.44	-0.001	PASS
Band7	20	20850	100	#0	QPSK	NV	10	3.43	0.001	PASS
Band7	20	20850	100	#0	QPSK	NV	20	-2.99	-0.001	PASS
Band7	20	20850	100	#0	QPSK	NV	30	-1.63	-0.001	PASS
Band7	20	20850	100	#0	QPSK	NV	40	-2.26	-0.001	PASS
Band7	20	20850	100	#0	QPSK	NV	50	-2.22	-0.001	PASS
Band7	20	20850	100	#0	16QAM	NV	-30	-2.83	-0.001	PASS
Band7	20	20850	100	#0	16QAM	NV	-20	-8.01	-0.003	PASS
Band7	20	20850	100	#0	16QAM	NV	-10	-0.94	0.000	PASS
Band7	20	20850	100	#0	16QAM	NV	0	-2.02	-0.001	PASS
Band7	20	20850	100	#0	16QAM	NV	10	-2.13	-0.001	PASS
Band7	20	20850	100	#0	16QAM	NV	20	1.60	0.001	PASS
Band7	20	20850	100	#0	16QAM	NV	30	-4.05	-0.002	PASS

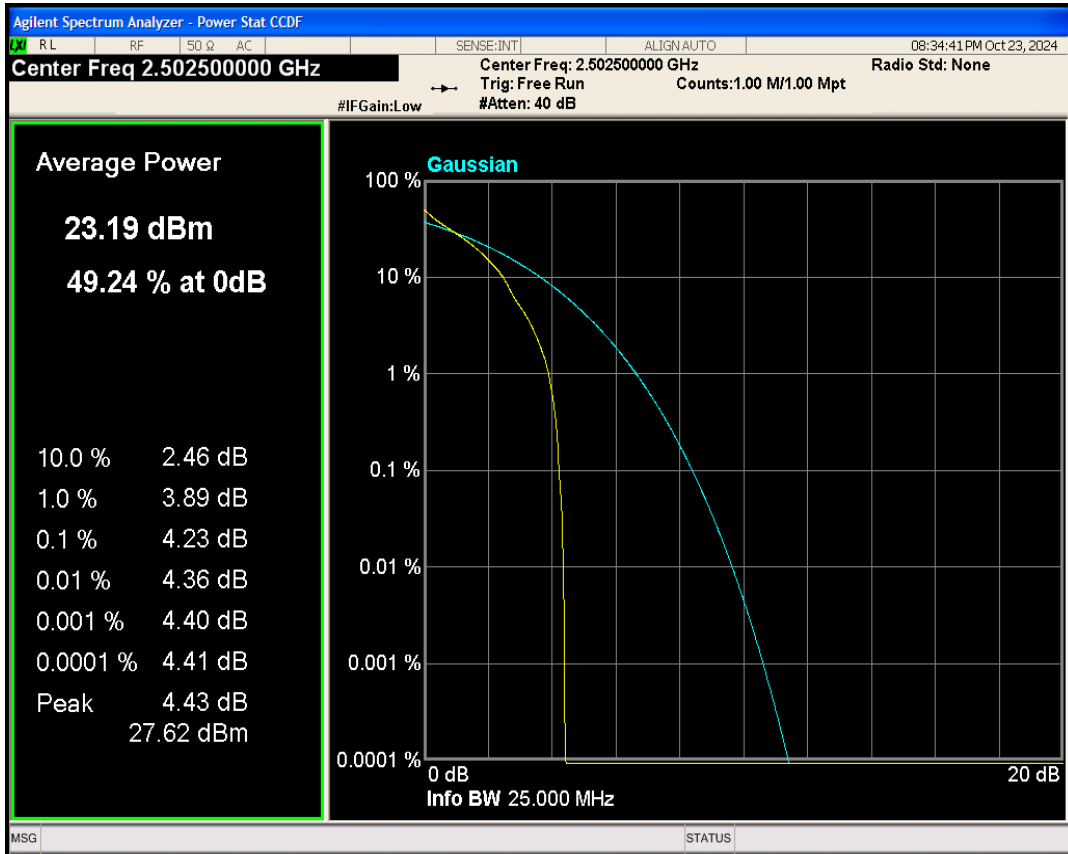
Band7	20	20850	100	#0	16QAM	NV	40	-4.89	-0.002	PASS
Band7	20	20850	100	#0	16QAM	NV	50	0.60	0.000	PASS
Band7	20	21100	100	#0	QPSK	NV	-30	-6.35	-0.003	PASS
Band7	20	21100	100	#0	QPSK	NV	-20	-7.87	-0.003	PASS
Band7	20	21100	100	#0	QPSK	NV	-10	-10.03	-0.004	PASS
Band7	20	21100	100	#0	QPSK	NV	0	-6.39	-0.003	PASS
Band7	20	21100	100	#0	QPSK	NV	10	-4.56	-0.002	PASS
Band7	20	21100	100	#0	QPSK	NV	20	-6.82	-0.003	PASS
Band7	20	21100	100	#0	QPSK	NV	30	-2.96	-0.001	PASS
Band7	20	21100	100	#0	QPSK	NV	40	-7.44	-0.003	PASS
Band7	20	21100	100	#0	QPSK	NV	50	-4.85	-0.002	PASS
Band7	20	21100	100	#0	16QAM	NV	-30	-5.34	-0.002	PASS
Band7	20	21100	100	#0	16QAM	NV	-20	-7.01	-0.003	PASS
Band7	20	21100	100	#0	16QAM	NV	-10	-5.24	-0.002	PASS
Band7	20	21100	100	#0	16QAM	NV	0	-9.37	-0.004	PASS
Band7	20	21100	100	#0	16QAM	NV	10	-10.60	-0.004	PASS
Band7	20	21100	100	#0	16QAM	NV	20	-8.55	-0.003	PASS
Band7	20	21100	100	#0	16QAM	NV	30	-7.22	-0.003	PASS
Band7	20	21100	100	#0	16QAM	NV	40	-6.31	-0.002	PASS
Band7	20	21100	100	#0	16QAM	NV	50	-5.91	-0.002	PASS
Band7	20	21350	100	#0	QPSK	NV	-30	-8.81	-0.003	PASS
Band7	20	21350	100	#0	QPSK	NV	-20	-7.95	-0.003	PASS
Band7	20	21350	100	#0	QPSK	NV	-10	-10.47	-0.004	PASS
Band7	20	21350	100	#0	QPSK	NV	0	-8.68	-0.003	PASS
Band7	20	21350	100	#0	QPSK	NV	10	-10.80	-0.004	PASS
Band7	20	21350	100	#0	QPSK	NV	20	-8.38	-0.003	PASS
Band7	20	21350	100	#0	QPSK	NV	30	-5.49	-0.002	PASS
Band7	20	21350	100	#0	QPSK	NV	40	-6.54	-0.003	PASS
Band7	20	21350	100	#0	QPSK	NV	50	-9.21	-0.004	PASS
Band7	20	21350	100	#0	16QAM	NV	-30	-12.23	-0.005	PASS
Band7	20	21350	100	#0	16QAM	NV	-20	-11.86	-0.005	PASS
Band7	20	21350	100	#0	16QAM	NV	-10	-8.63	-0.003	PASS
Band7	20	21350	100	#0	16QAM	NV	0	-10.64	-0.004	PASS
Band7	20	21350	100	#0	16QAM	NV	10	-12.92	-0.005	PASS
Band7	20	21350	100	#0	16QAM	NV	20	-9.90	-0.004	PASS
Band7	20	21350	100	#0	16QAM	NV	30	-7.75	-0.003	PASS
Band7	20	21350	100	#0	16QAM	NV	40	-10.07	-0.004	PASS
Band7	20	21350	100	#0	16QAM	NV	50	-13.25	-0.005	PASS

Appendix 3. Peak-to-Average Ratio

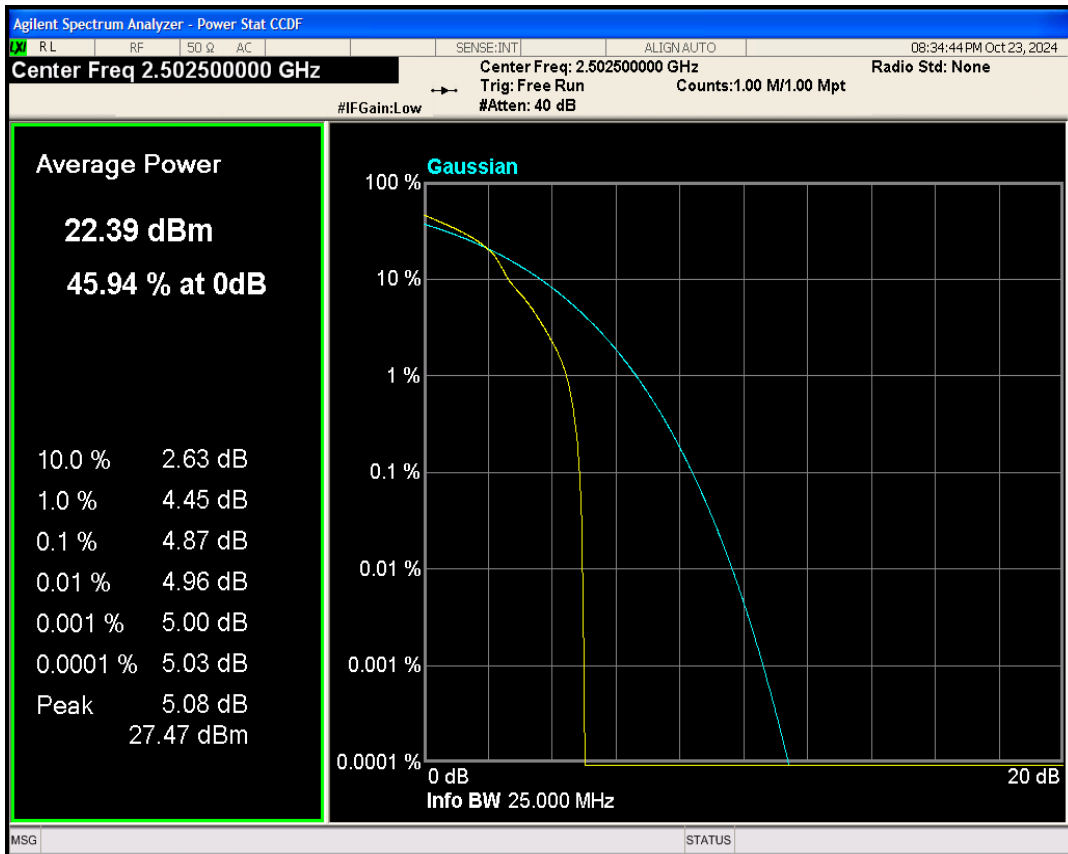
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
Band7	5	20775	1	#0	QPSK	4.23	13	PASS
Band7	5	20775	1	#0	16QAM	4.87	13	PASS
Band7	5	21100	1	#0	QPSK	4.32	13	PASS
Band7	5	21100	1	#0	16QAM	5.06	13	PASS
Band7	5	21425	1	#0	QPSK	3.90	13	PASS
Band7	5	21425	1	#0	16QAM	4.69	13	PASS
Band7	10	20800	1	#0	QPSK	4.13	13	PASS
Band7	10	20800	1	#0	16QAM	4.95	13	PASS
Band7	10	21100	1	#0	QPSK	4.26	13	PASS
Band7	10	21100	1	#0	16QAM	5.11	13	PASS
Band7	10	21400	1	#0	QPSK	3.72	13	PASS
Band7	10	21400	1	#0	16QAM	4.69	13	PASS
Band7	15	20825	1	#0	QPSK	4.28	13	PASS
Band7	15	20825	1	#0	16QAM	5.19	13	PASS
Band7	15	21100	1	#0	QPSK	4.56	13	PASS
Band7	15	21100	1	#0	16QAM	5.31	13	PASS
Band7	15	21375	1	#0	QPSK	4.41	13	PASS
Band7	15	21375	1	#0	16QAM	5.31	13	PASS
Band7	20	20850	1	#0	QPSK	4.40	13	PASS
Band7	20	20850	1	#0	16QAM	5.46	13	PASS
Band7	20	21100	1	#0	QPSK	4.75	13	PASS
Band7	20	21100	1	#0	16QAM	5.38	13	PASS
Band7	20	21350	1	#0	QPSK	4.62	13	PASS
Band7	20	21350	1	#0	16QAM	5.55	13	PASS

Band7 QPSK BW=5MHz Channel=20775 RB Size=1 Position=#0

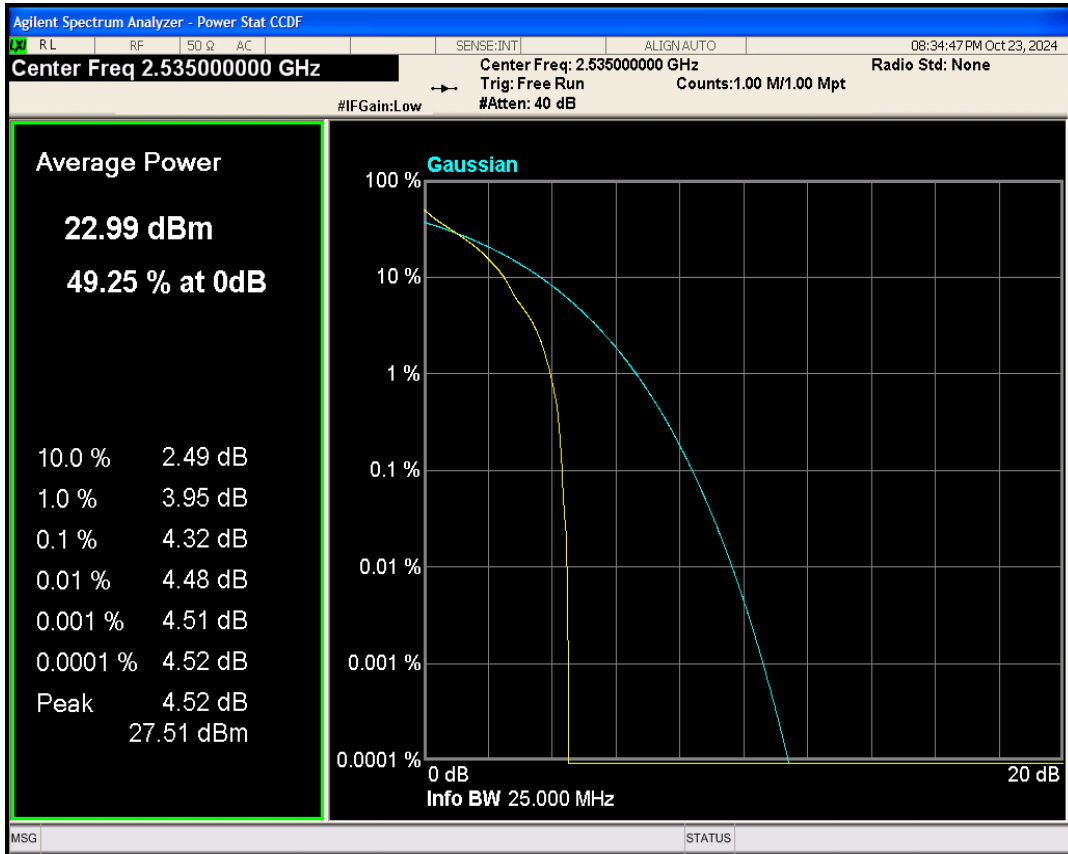




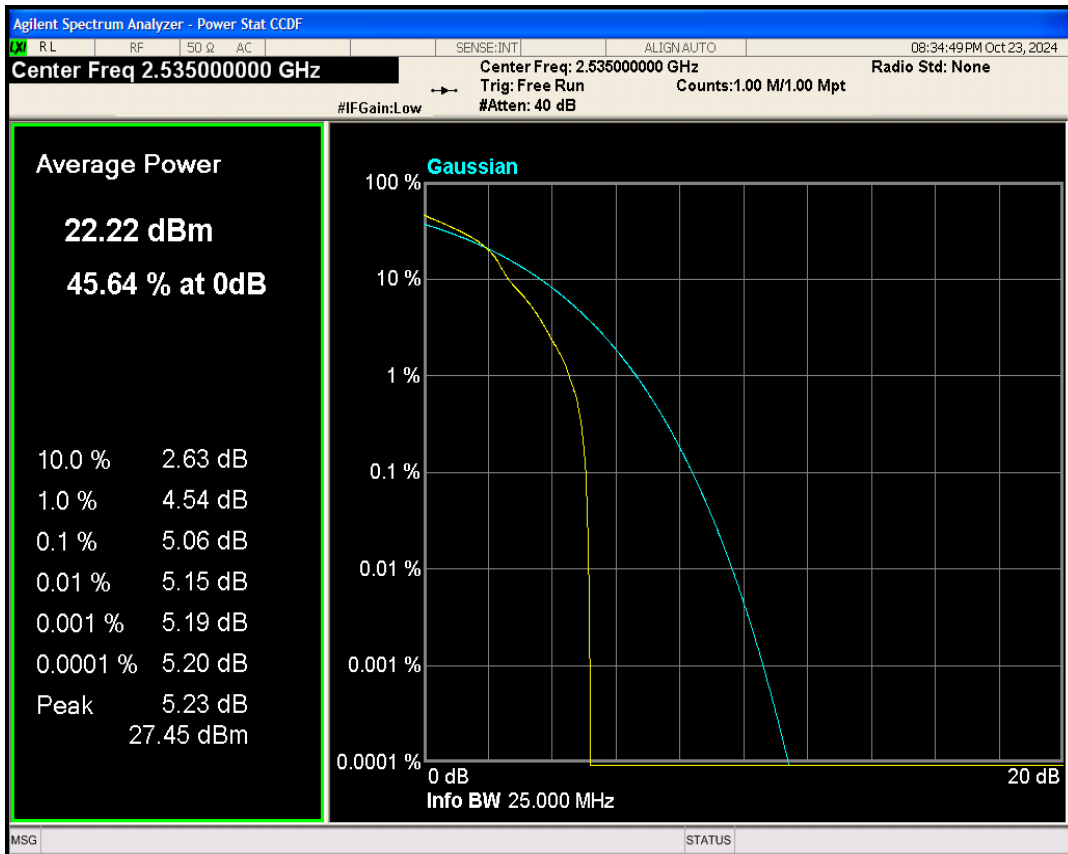
Band7 16QAM BW=5MHz Channel=20775 RB Size=1 Position=#0



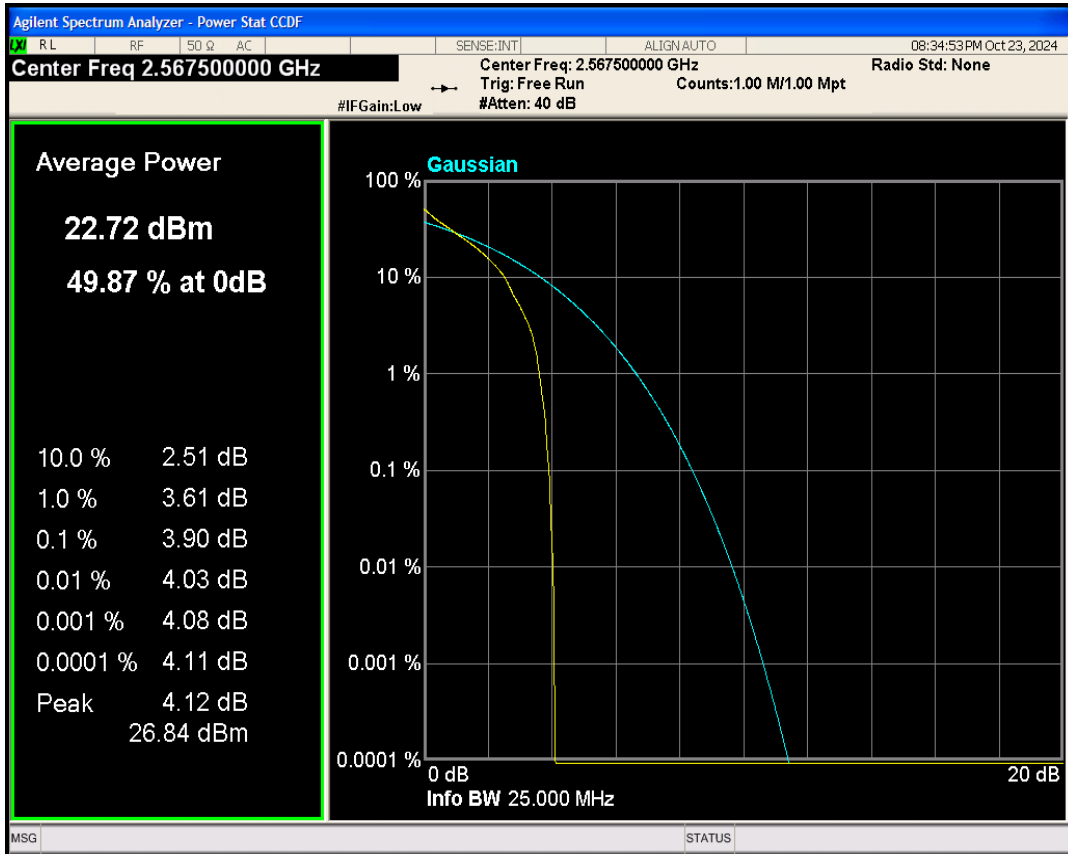
Band7 QPSK BW=5MHz Channel=21100 RB Size=1 Position=#0



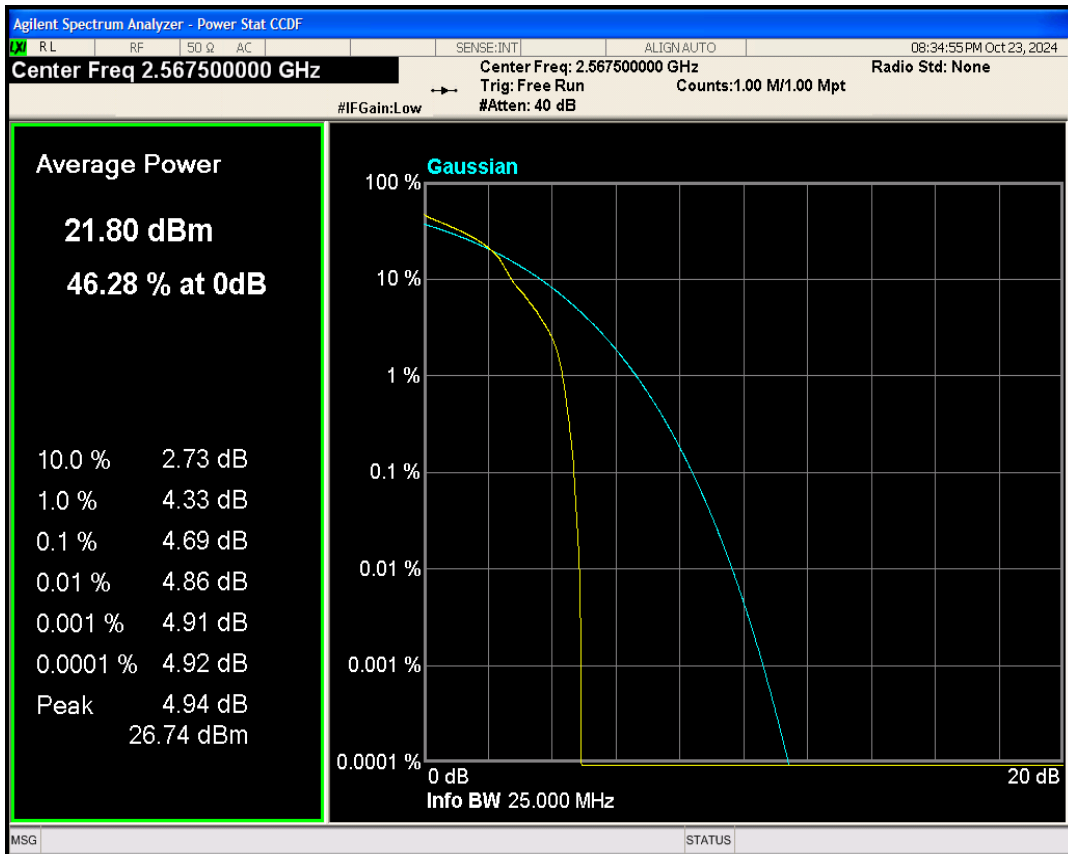
Band7 16QAM BW=5MHz Channel=21100 RB Size=1 Position=#0



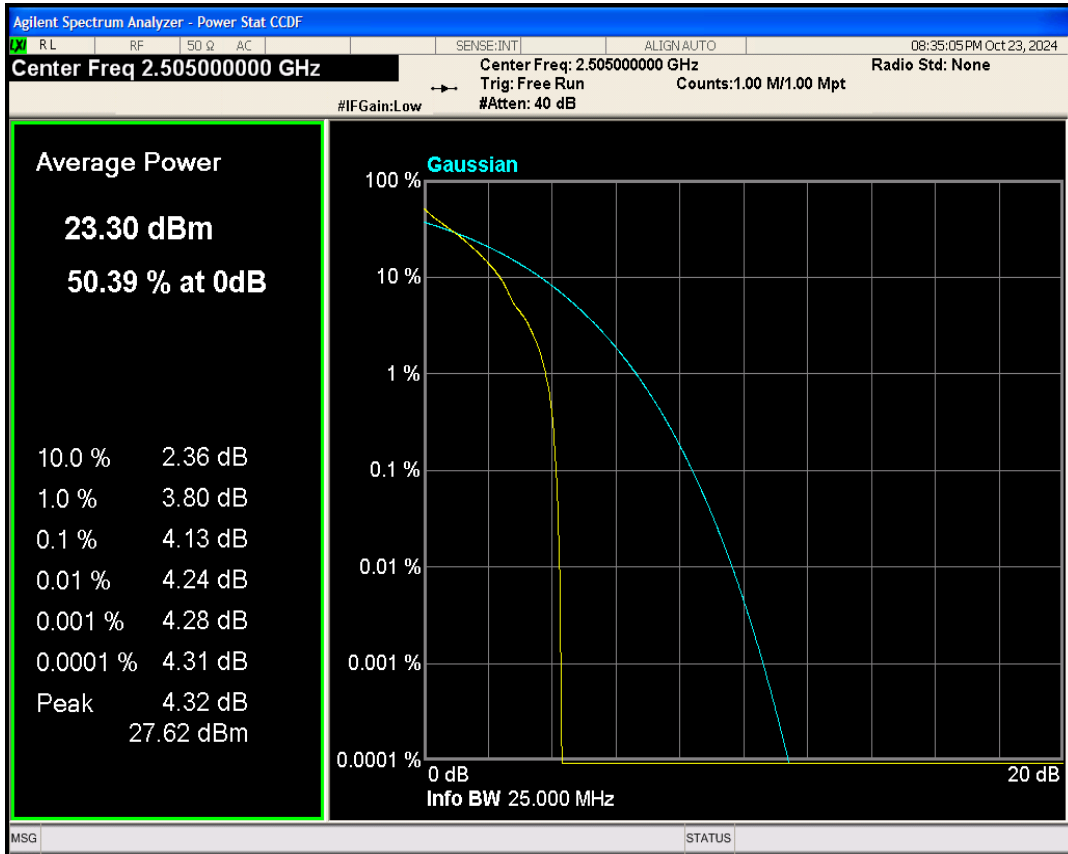
Band7 QPSK BW=5MHz Channel=21425 RB Size=1 Position=#0



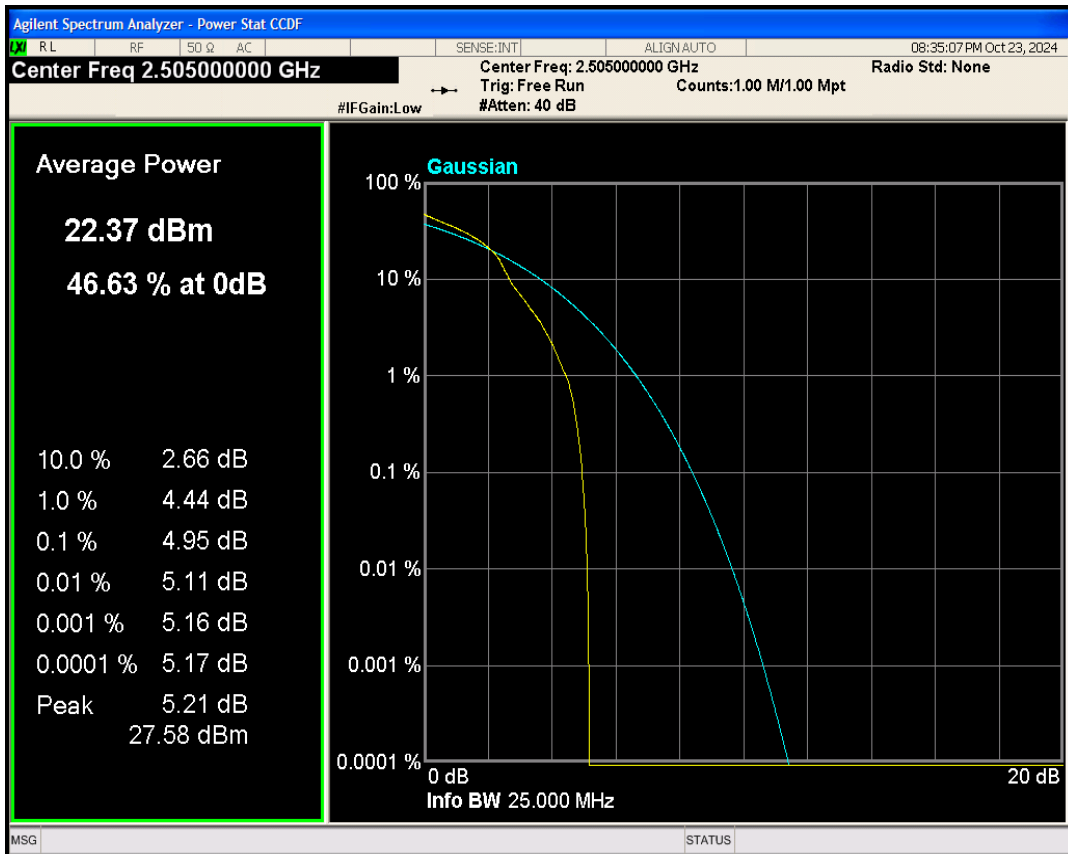
Band7 16QAM BW=5MHz Channel=21425 RB Size=1 Position=#0



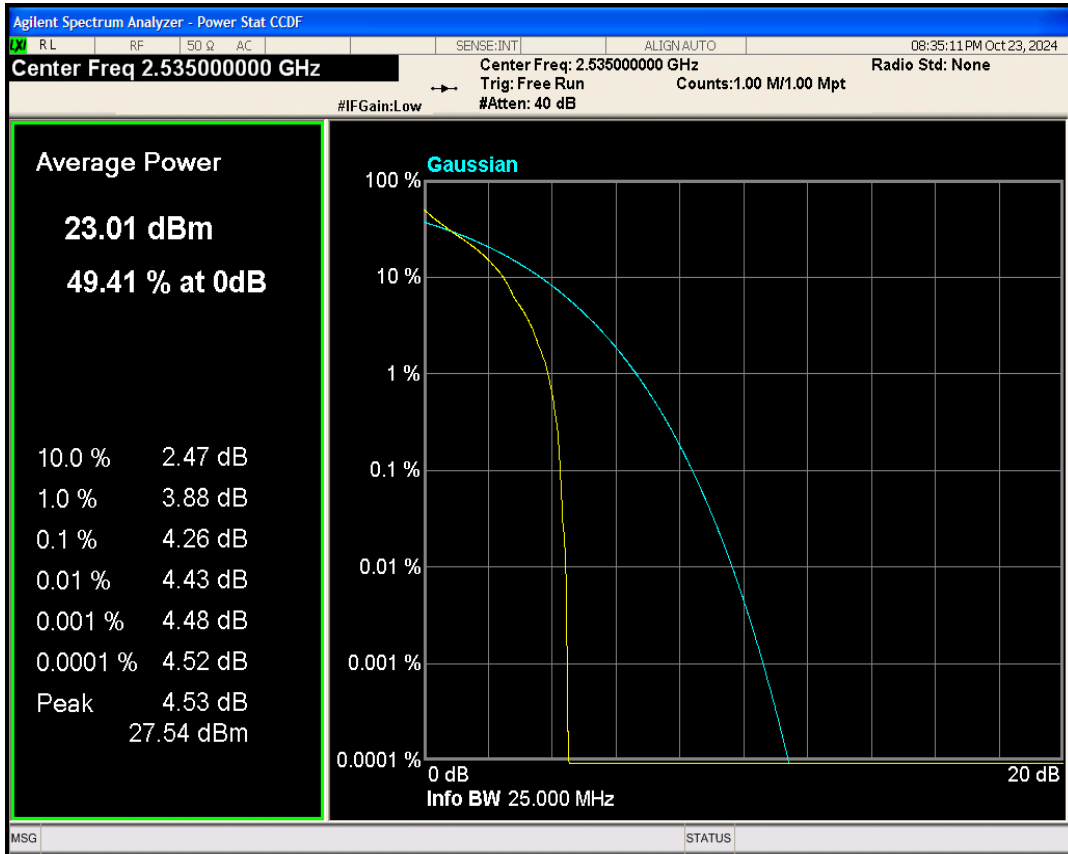
Band7 QPSK BW=10MHz Channel=20800 RB Size=1 Position=#0



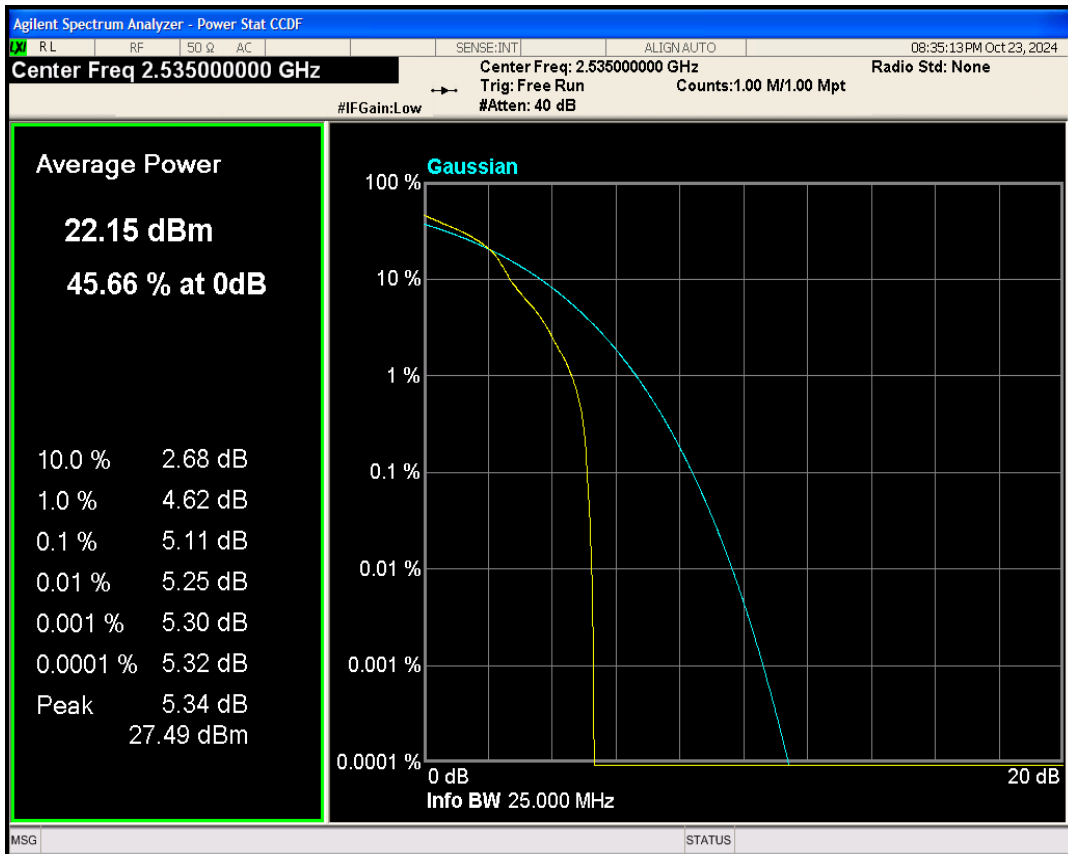
Band7 16QAM BW=10MHz Channel=20800 RB Size=1 Position=#0



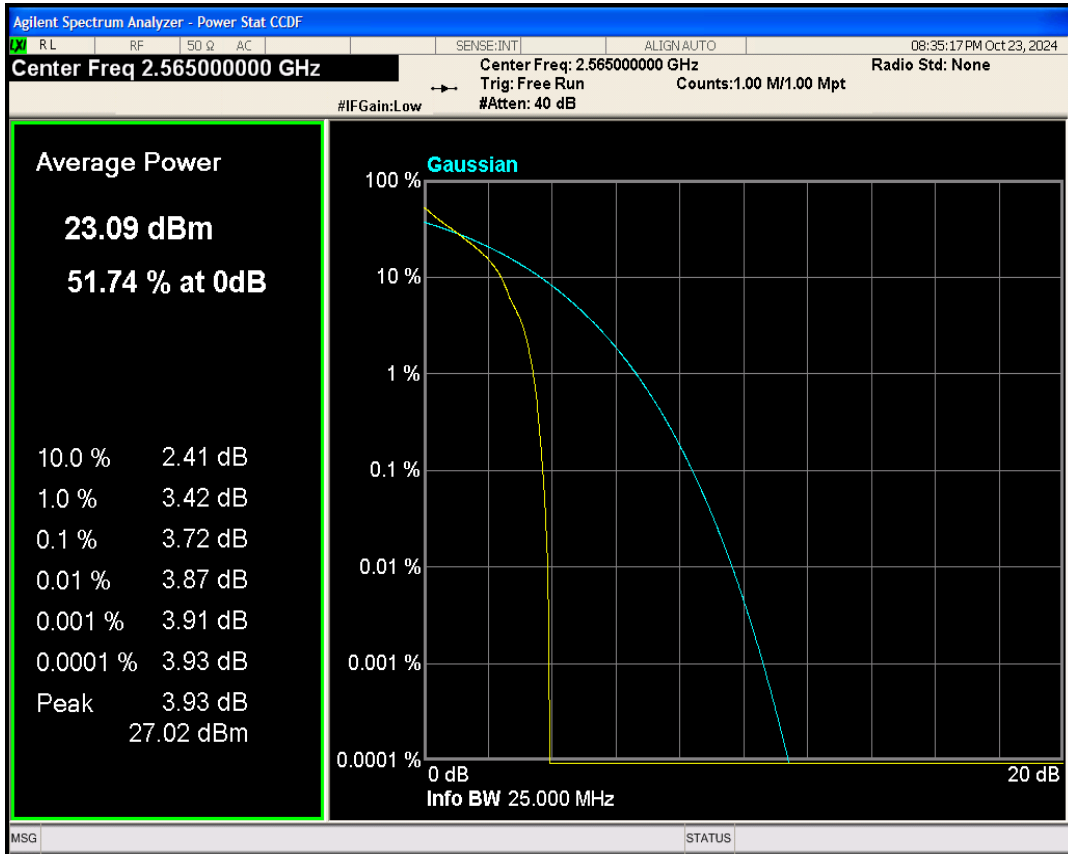
Band7 QPSK BW=10MHz Channel=21100 RB Size=1 Position=#0



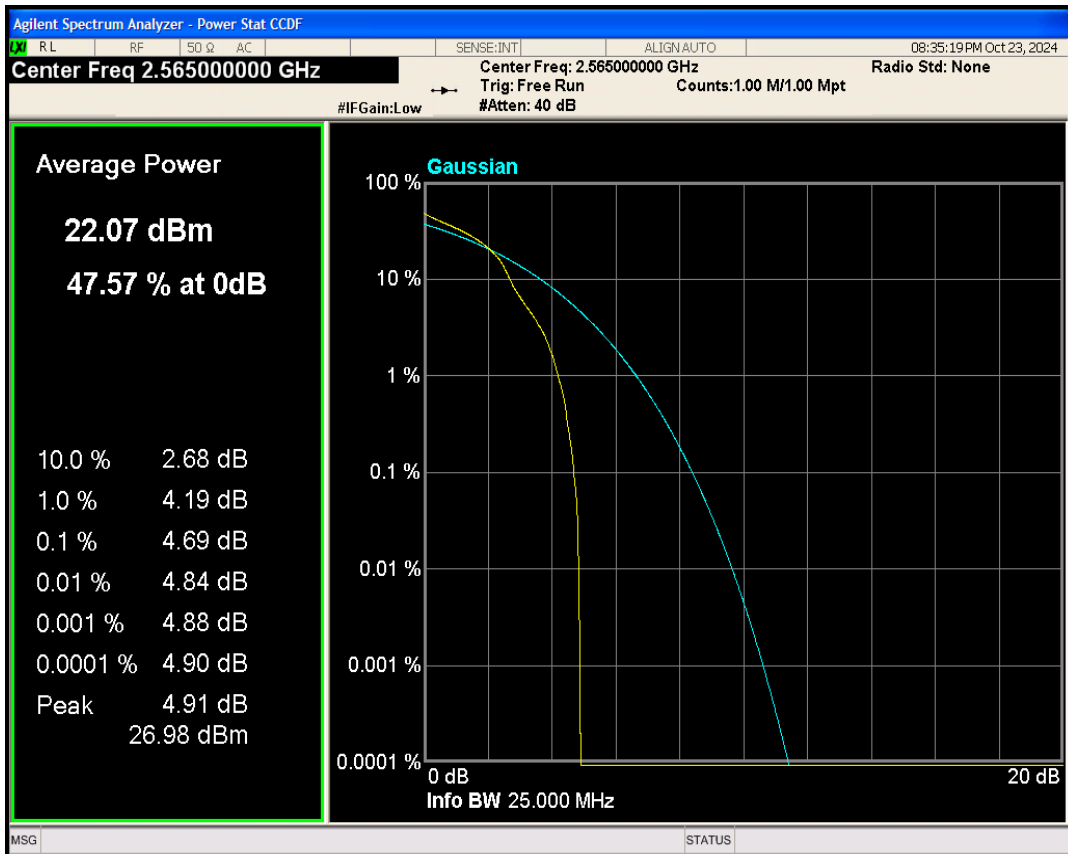
Band7 16QAM BW=10MHz Channel=21100 RB Size=1 Position=#0



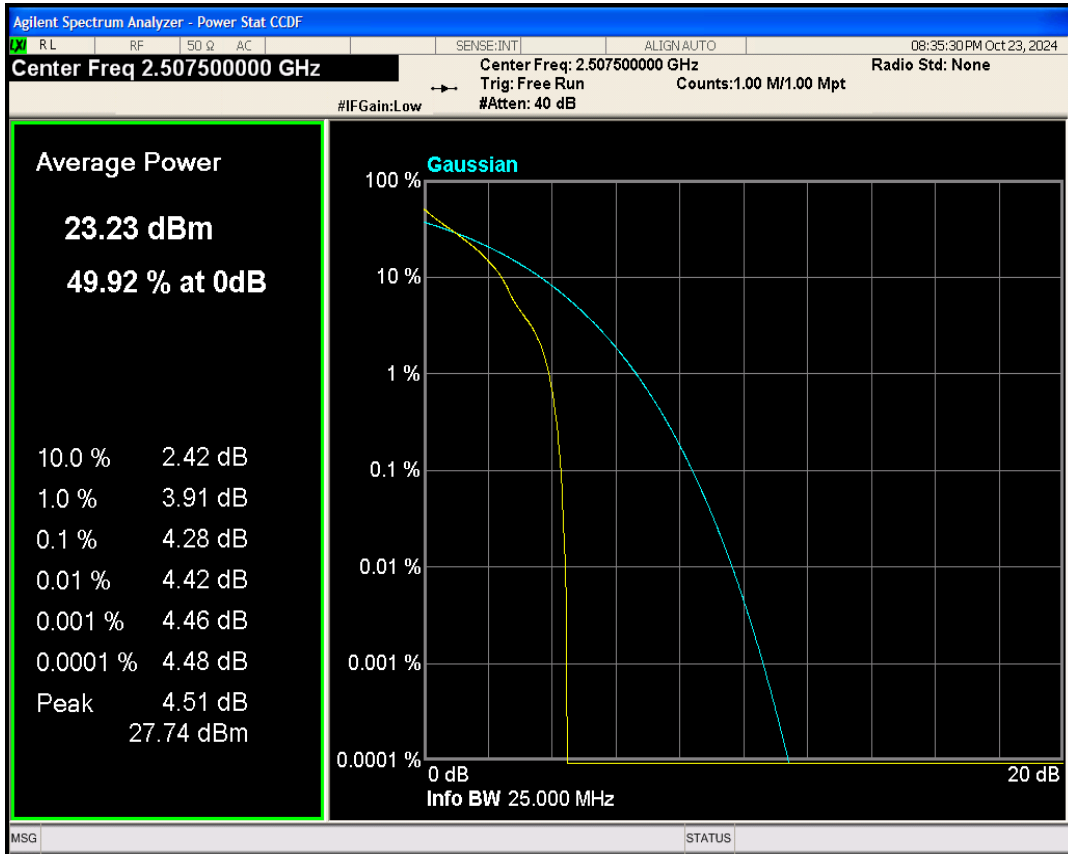
Band7 QPSK BW=10MHz Channel=21400 RB Size=1 Position=#0



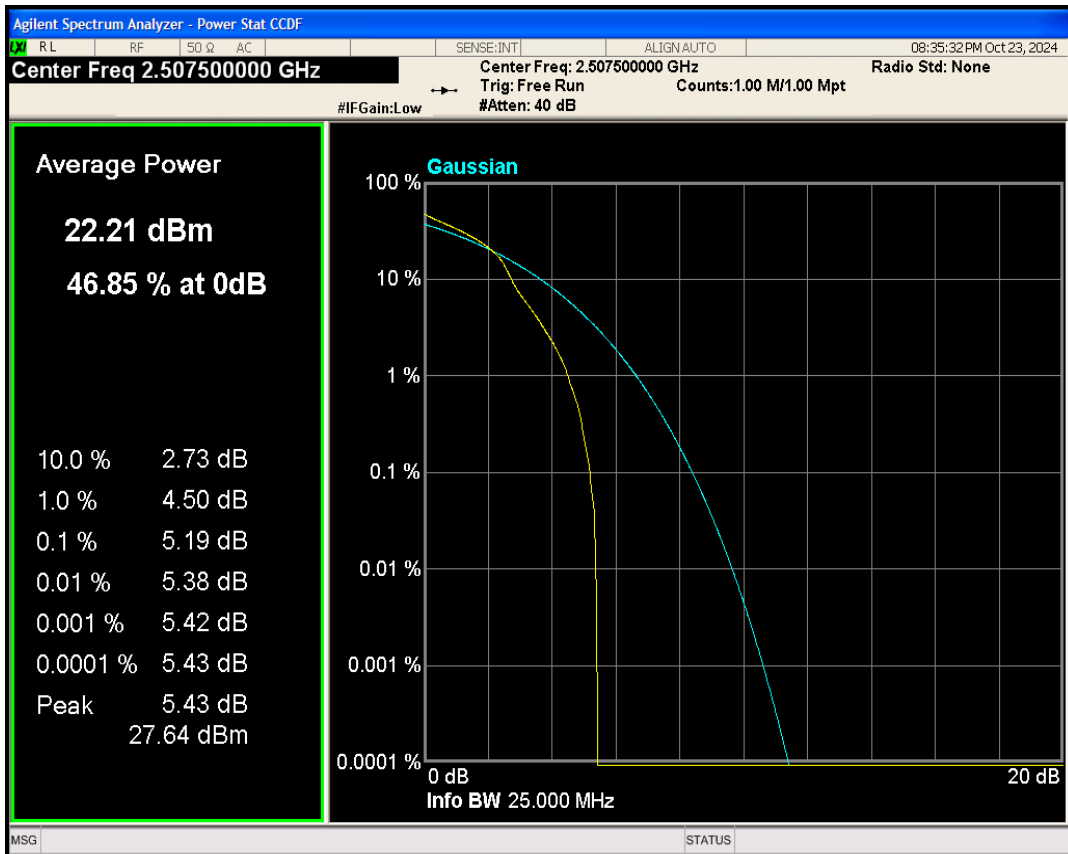
Band7 16QAM BW=10MHz Channel=21400 RB Size=1 Position=#0



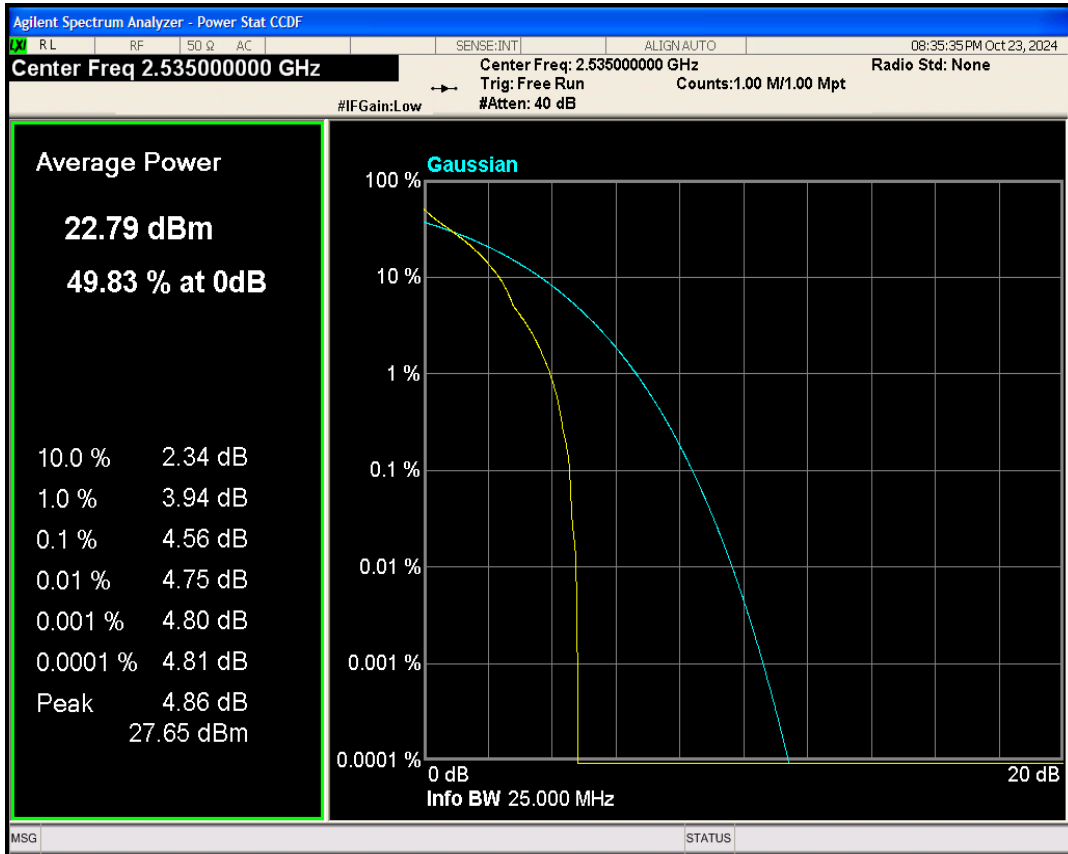
Band7 QPSK BW=15MHz Channel=20825 RB Size=1 Position=#0



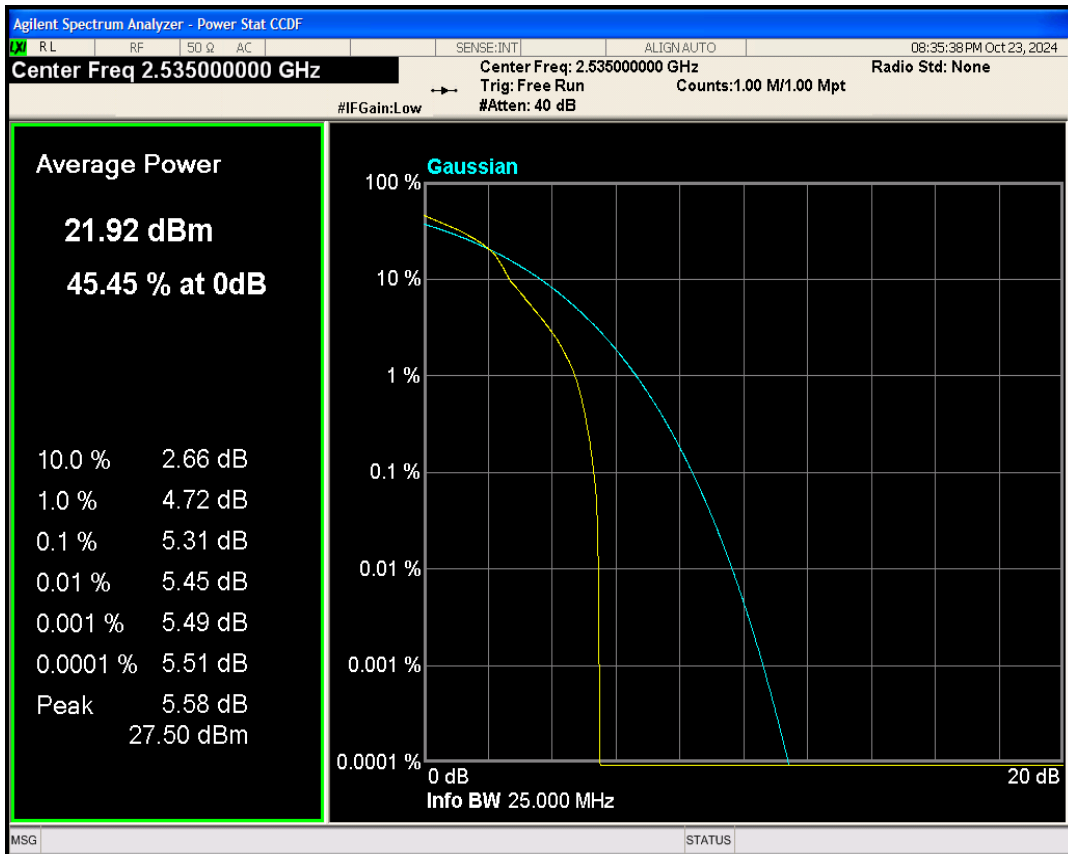
Band7 16QAM BW=15MHz Channel=20825 RB Size=1 Position=#0



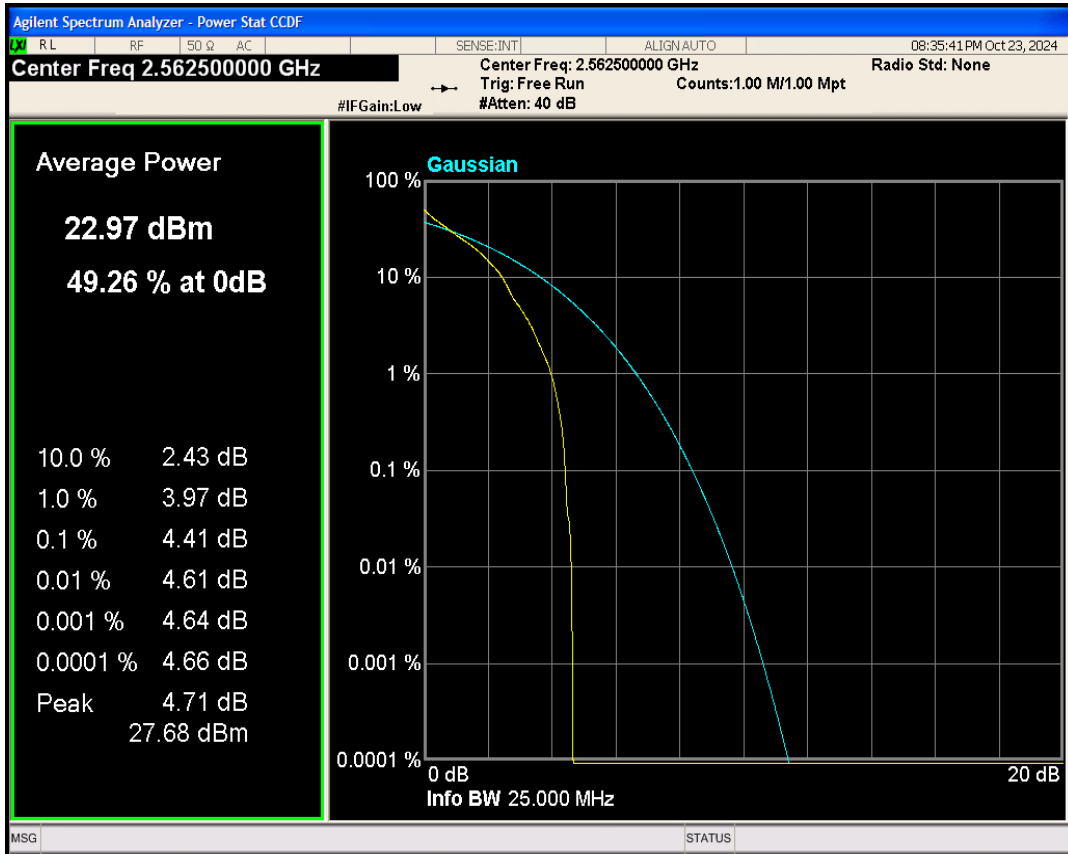
Band7 QPSK BW=15MHz Channel=21100 RB Size=1 Position=#0



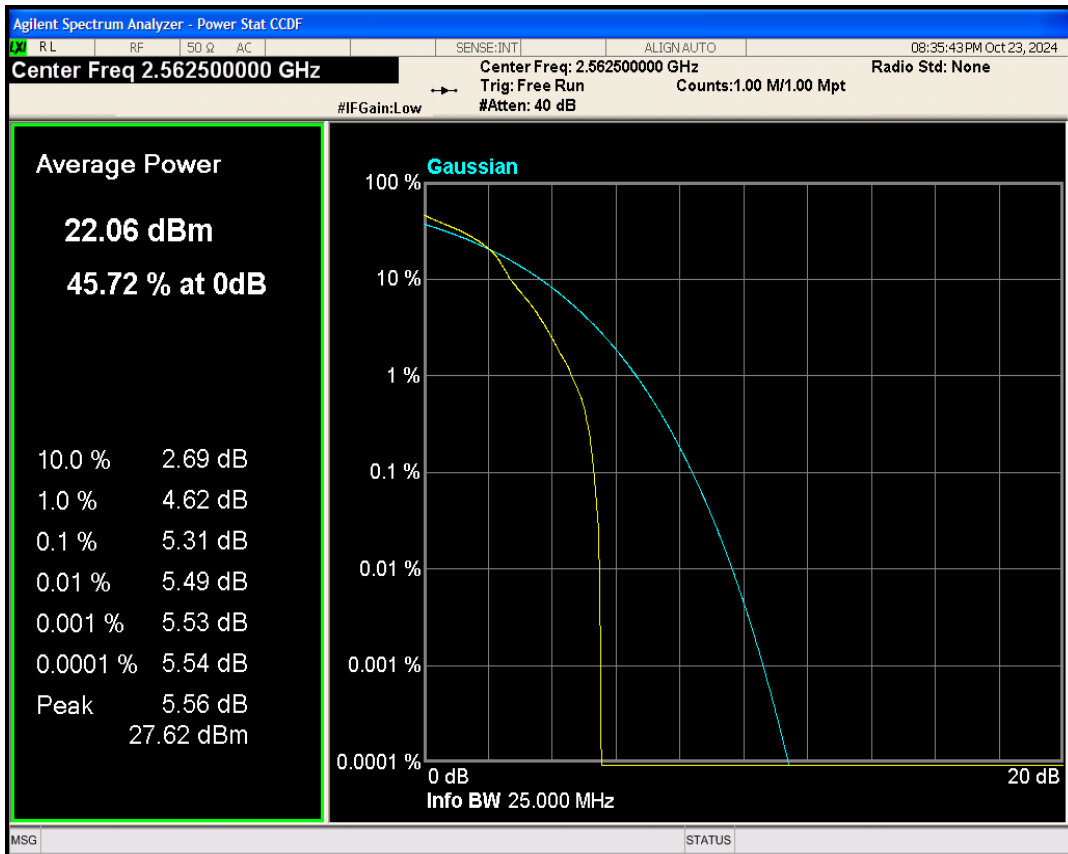
Band7 16QAM BW=15MHz Channel=21100 RB Size=1 Position=#0



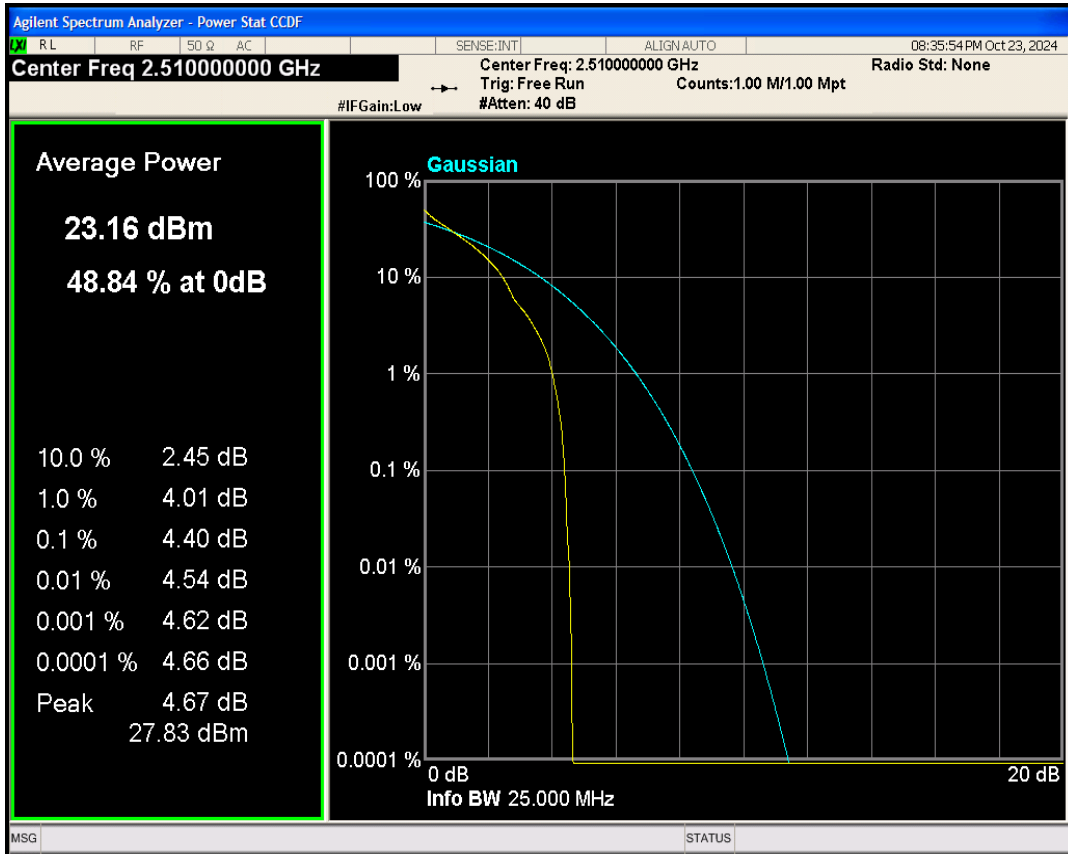
Band7 QPSK BW=15MHz Channel=21375 RB Size=1 Position=#0



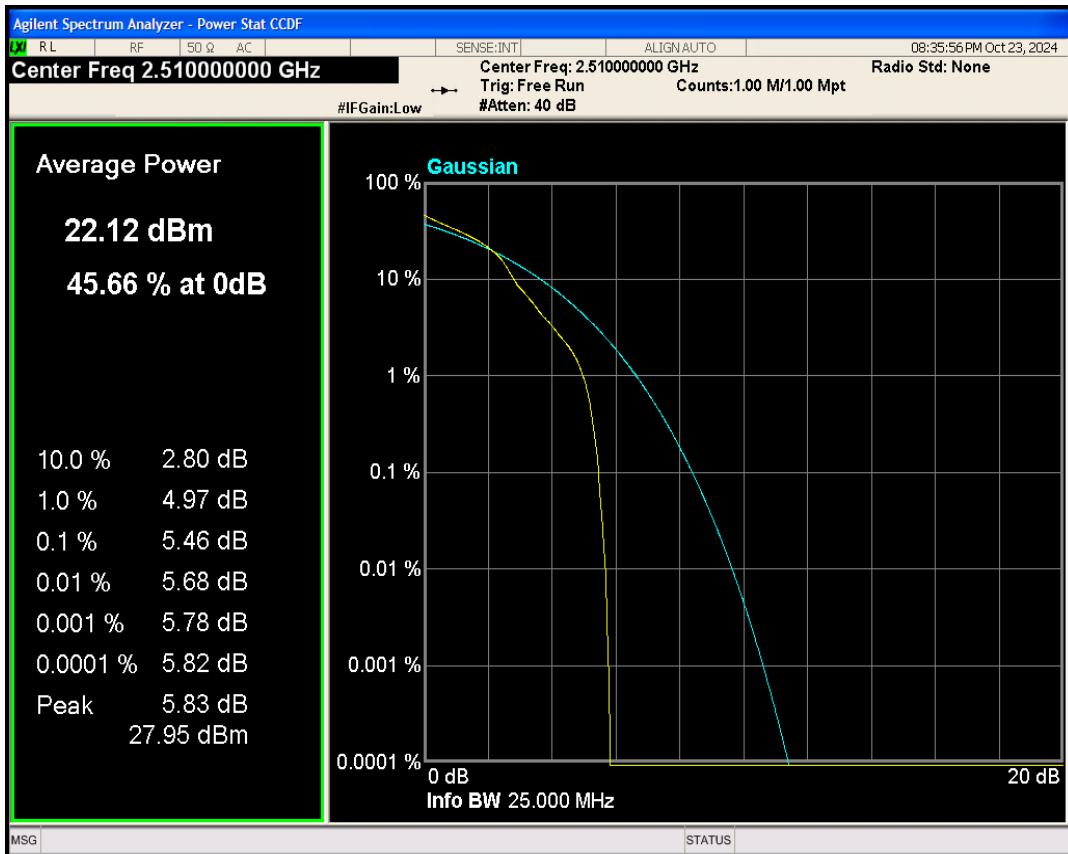
Band7 16QAM BW=15MHz Channel=21375 RB Size=1 Position=#0



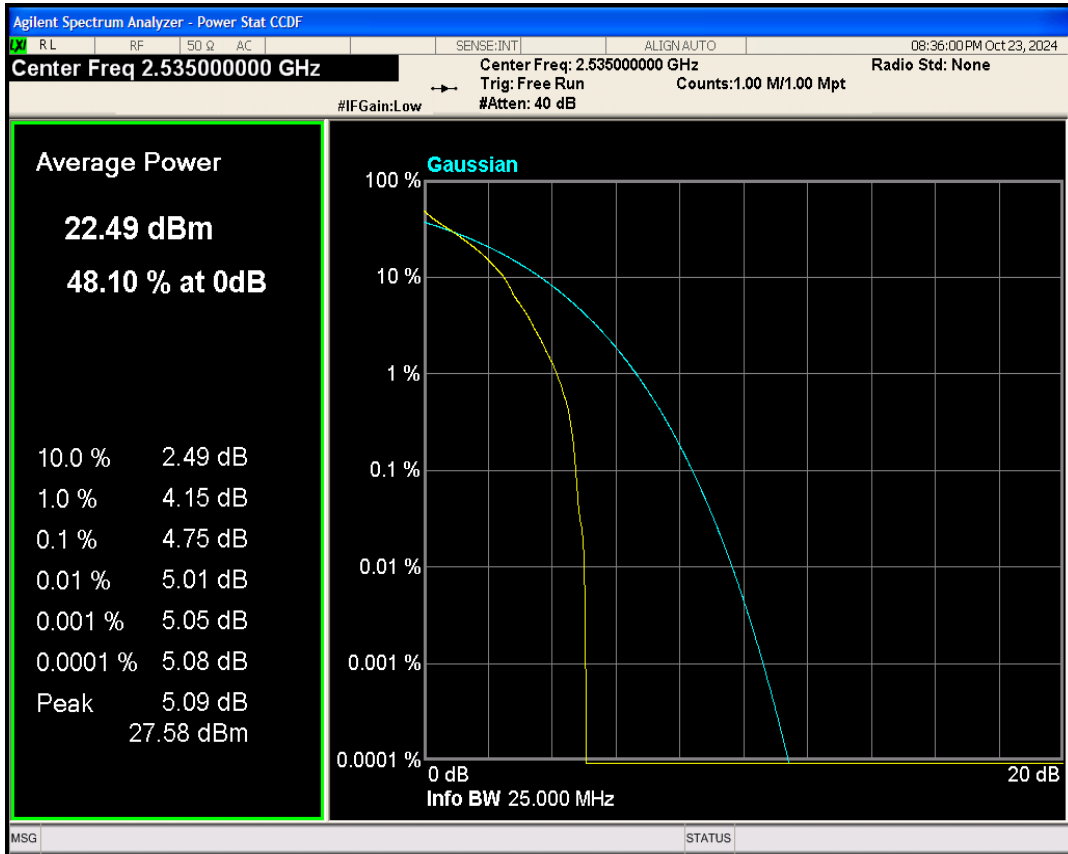
Band7 QPSK BW=20MHz Channel=20850 RB Size=1 Position=#0



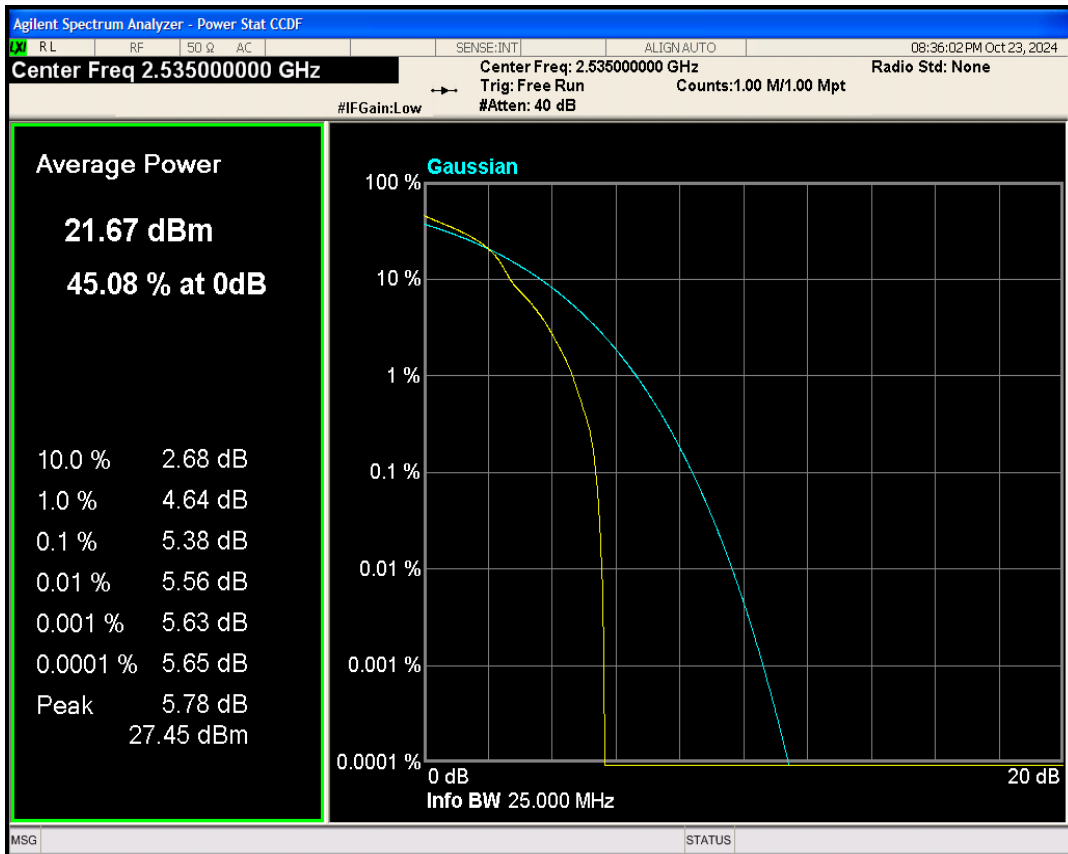
Band7 16QAM BW=20MHz Channel=20850 RB Size=1 Position=#0



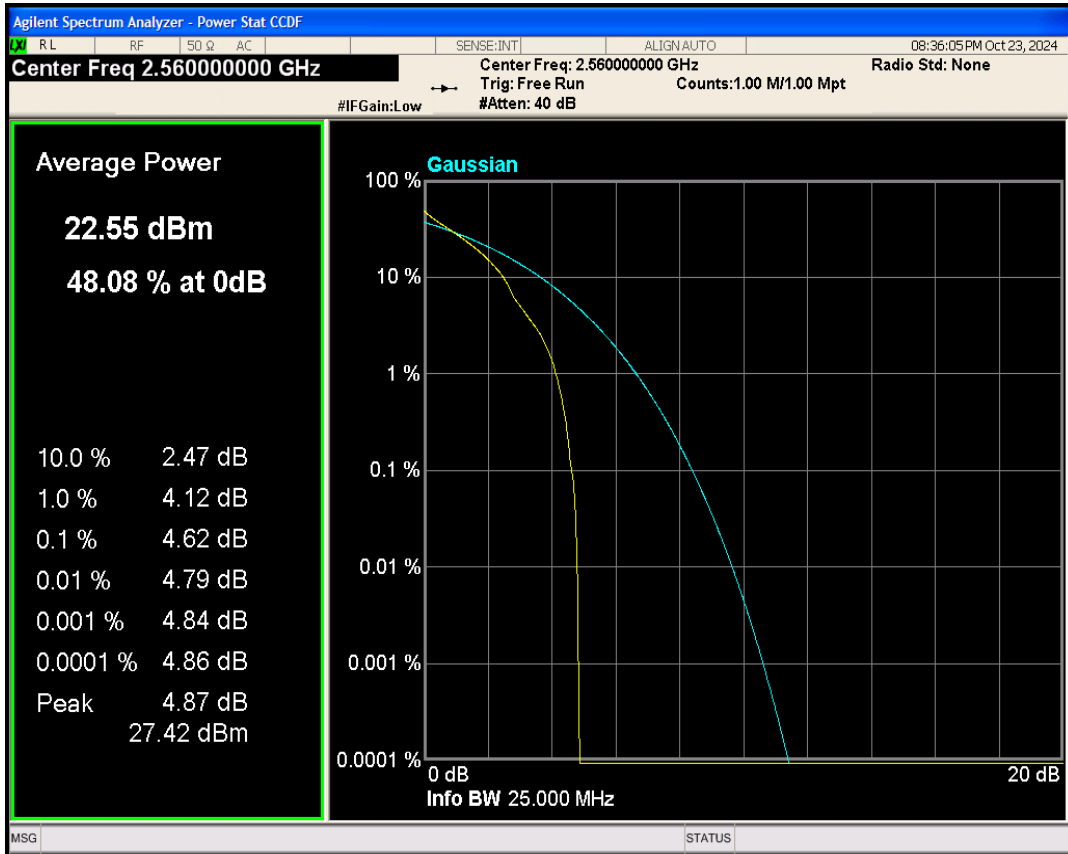
Band7 QPSK BW=20MHz Channel=21100 RB Size=1 Position=#0



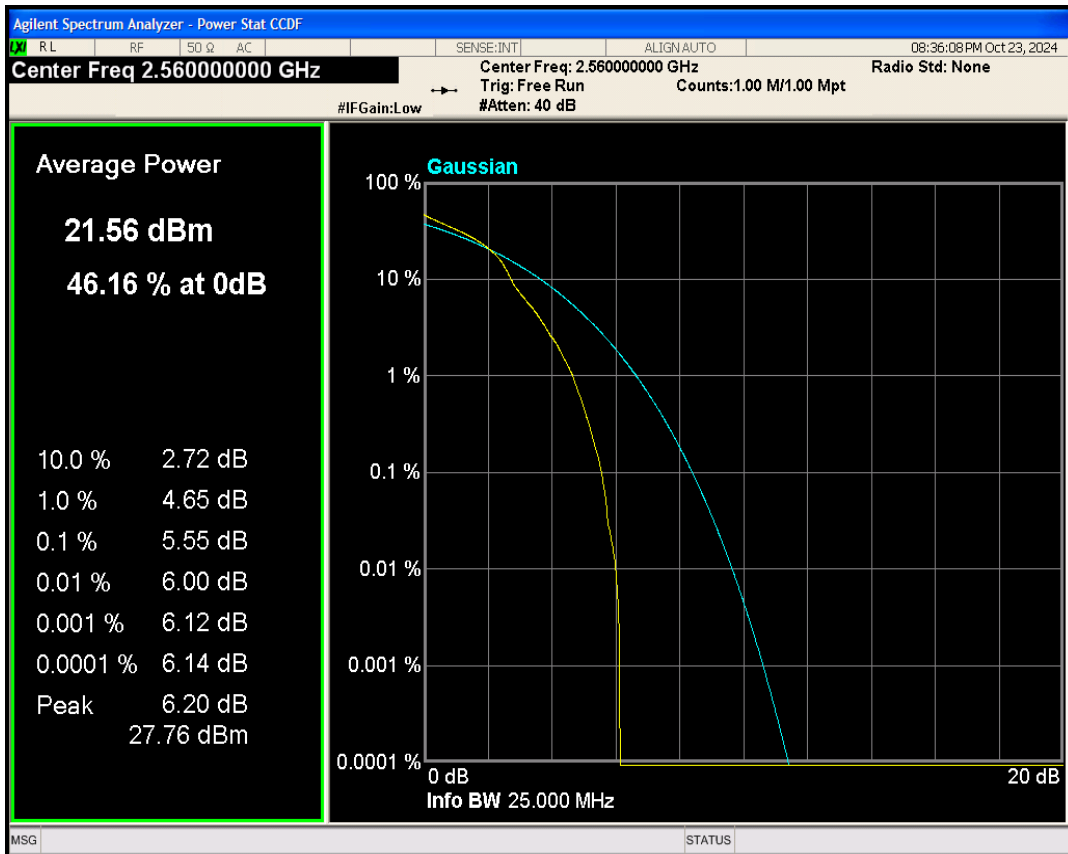
Band7 16QAM BW=20MHz Channel=21100 RB Size=1 Position=#0



Band7 QPSK BW=20MHz Channel=21350 RB Size=1 Position=#0



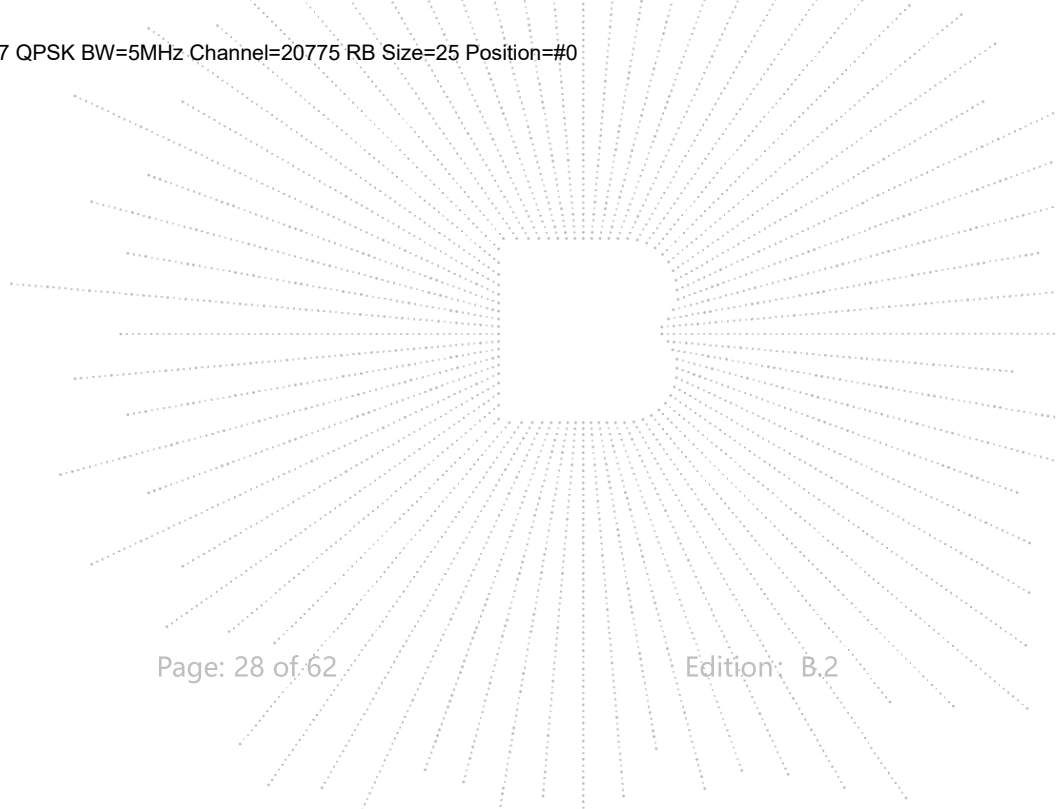
Band7 16QAM BW=20MHz Channel=21350 RB Size=1 Position=#0

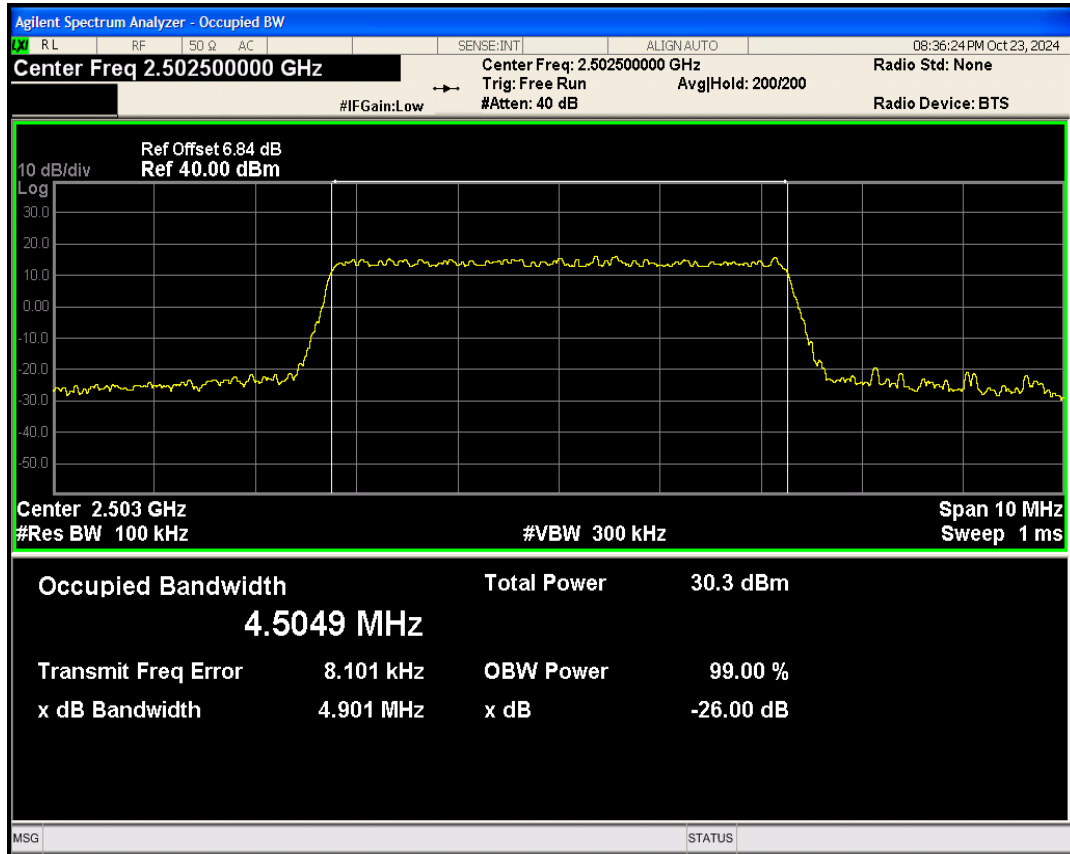


Appendix 4. Occupied bandwidth

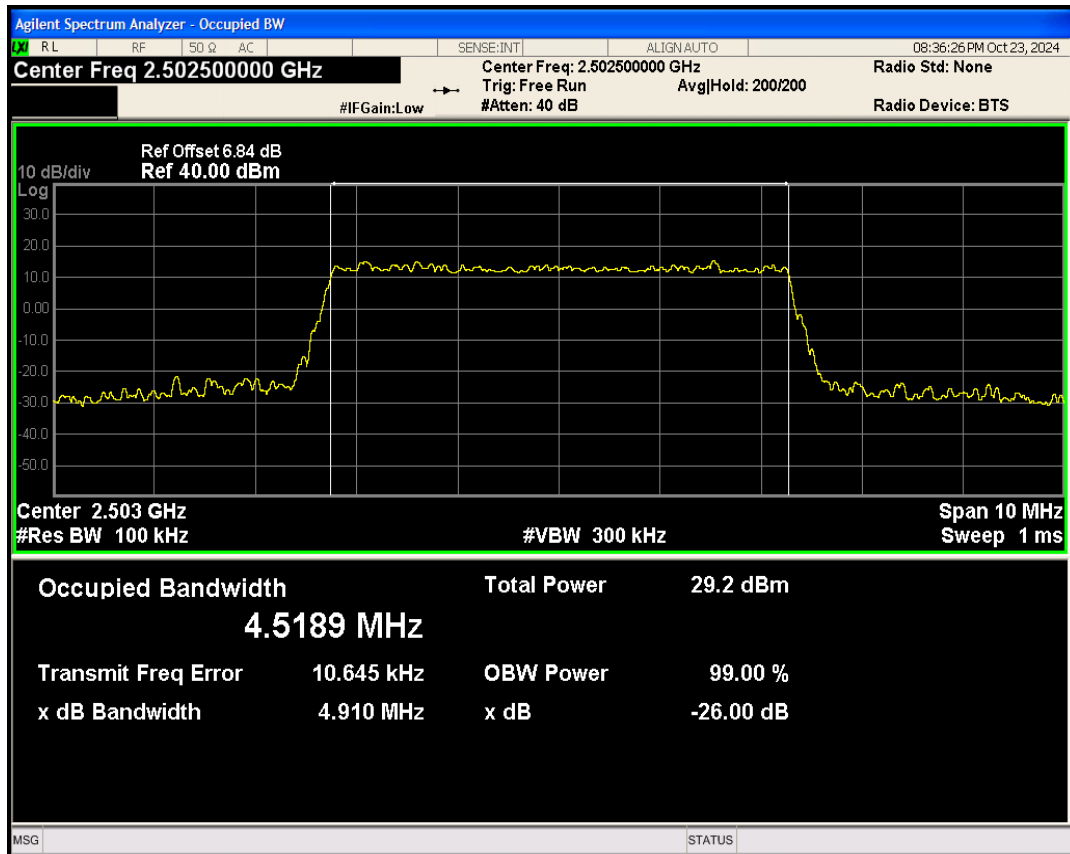
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
Band7	5	20775	25	#0	QPSK	4.505	4.901	PASS
Band7	5	20775	25	#0	16QAM	4.519	4.910	PASS
Band7	5	21100	25	#0	QPSK	4.501	4.949	PASS
Band7	5	21100	25	#0	16QAM	4.528	4.894	PASS
Band7	5	21425	25	#0	QPSK	4.508	4.894	PASS
Band7	5	21425	25	#0	16QAM	4.511	4.915	PASS
Band7	10	20800	50	#0	QPSK	9.010	9.849	PASS
Band7	10	20800	50	#0	16QAM	9.005	9.695	PASS
Band7	10	21100	50	#0	QPSK	8.980	9.695	PASS
Band7	10	21100	50	#0	16QAM	9.002	9.630	PASS
Band7	10	21400	50	#0	QPSK	8.977	9.560	PASS
Band7	10	21400	50	#0	16QAM	8.972	9.698	PASS
Band7	15	20825	75	#0	QPSK	13.456	14.484	PASS
Band7	15	20825	75	#0	16QAM	13.486	14.423	PASS
Band7	15	21100	75	#0	QPSK	13.475	14.521	PASS
Band7	15	21100	75	#0	16QAM	13.449	14.460	PASS
Band7	15	21375	75	#0	QPSK	13.421	14.573	PASS
Band7	15	21375	75	#0	16QAM	13.450	14.416	PASS
Band7	20	20850	100	#0	QPSK	17.892	19.359	PASS
Band7	20	20850	100	#0	16QAM	17.944	19.217	PASS
Band7	20	21100	100	#0	QPSK	17.992	19.203	PASS
Band7	20	21100	100	#0	16QAM	17.907	19.212	PASS
Band7	20	21350	100	#0	QPSK	17.899	19.309	PASS
Band7	20	21350	100	#0	16QAM	17.925	19.125	PASS

Band7 QPSK BW=5MHz Channel=20775 RB Size=25 Position=#0

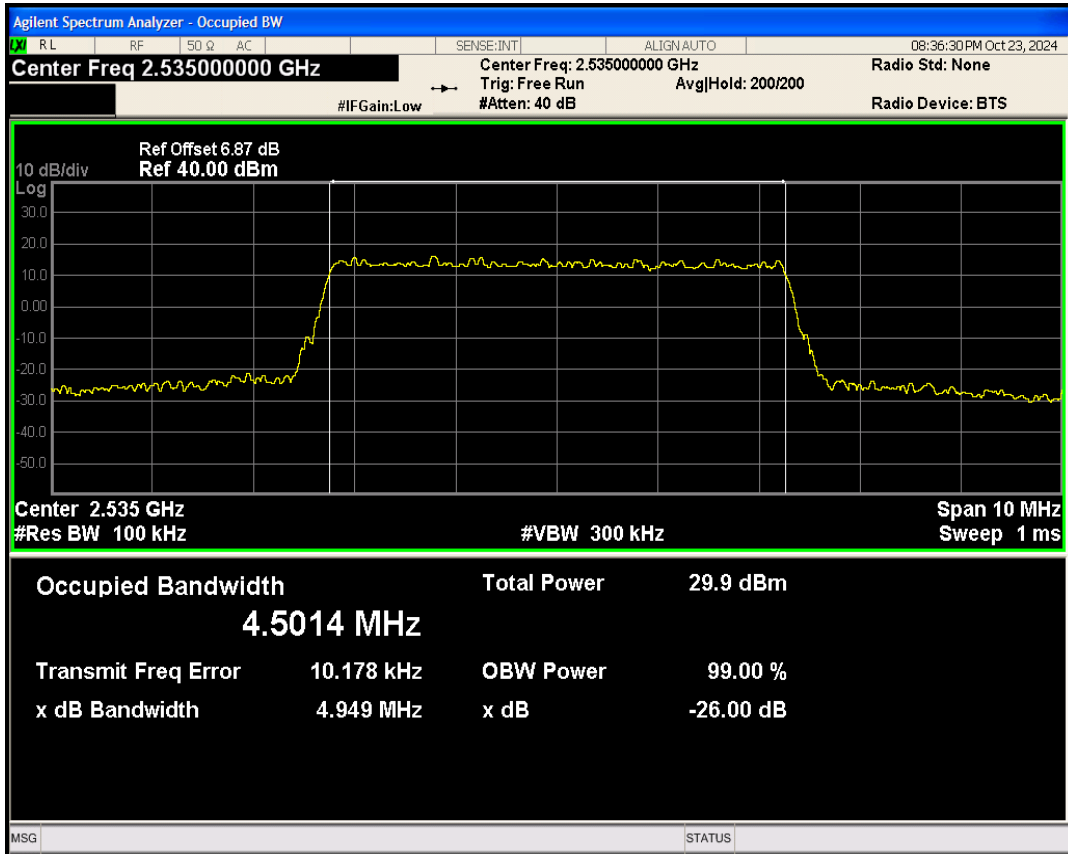




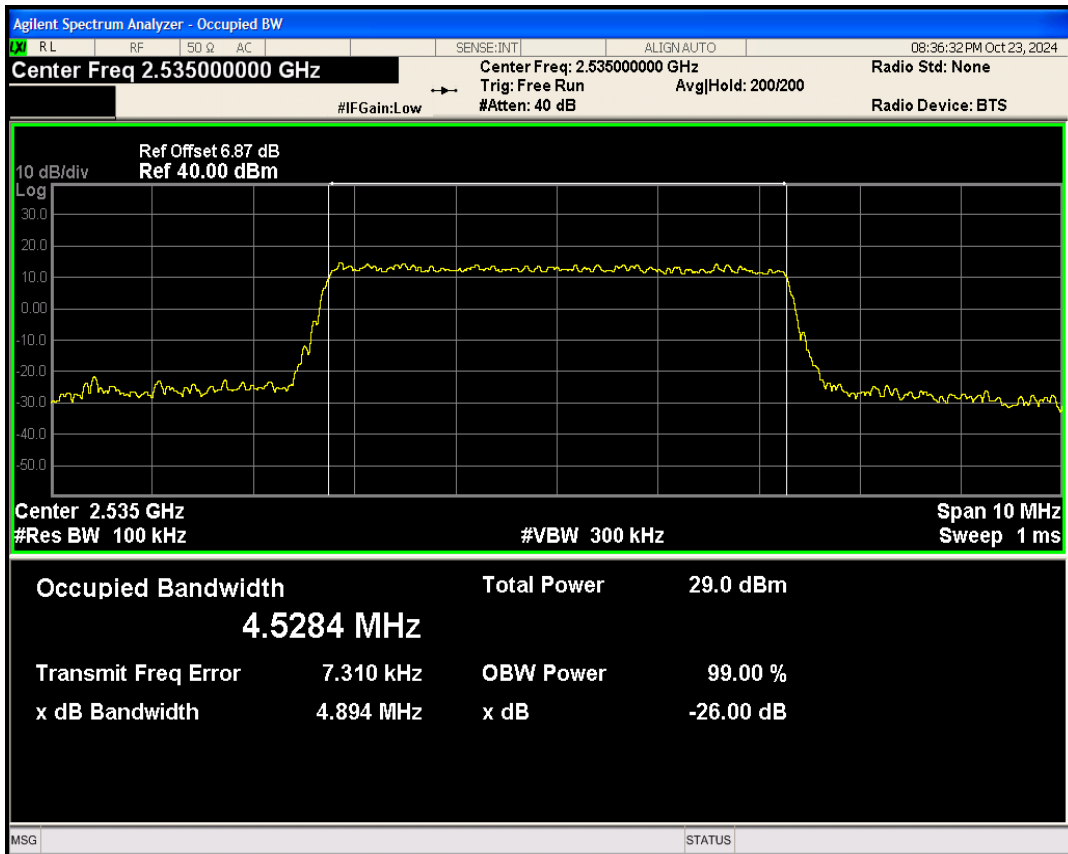
Band7 16QAM BW=5MHz Channel=20775 RB Size=25 Position=#0



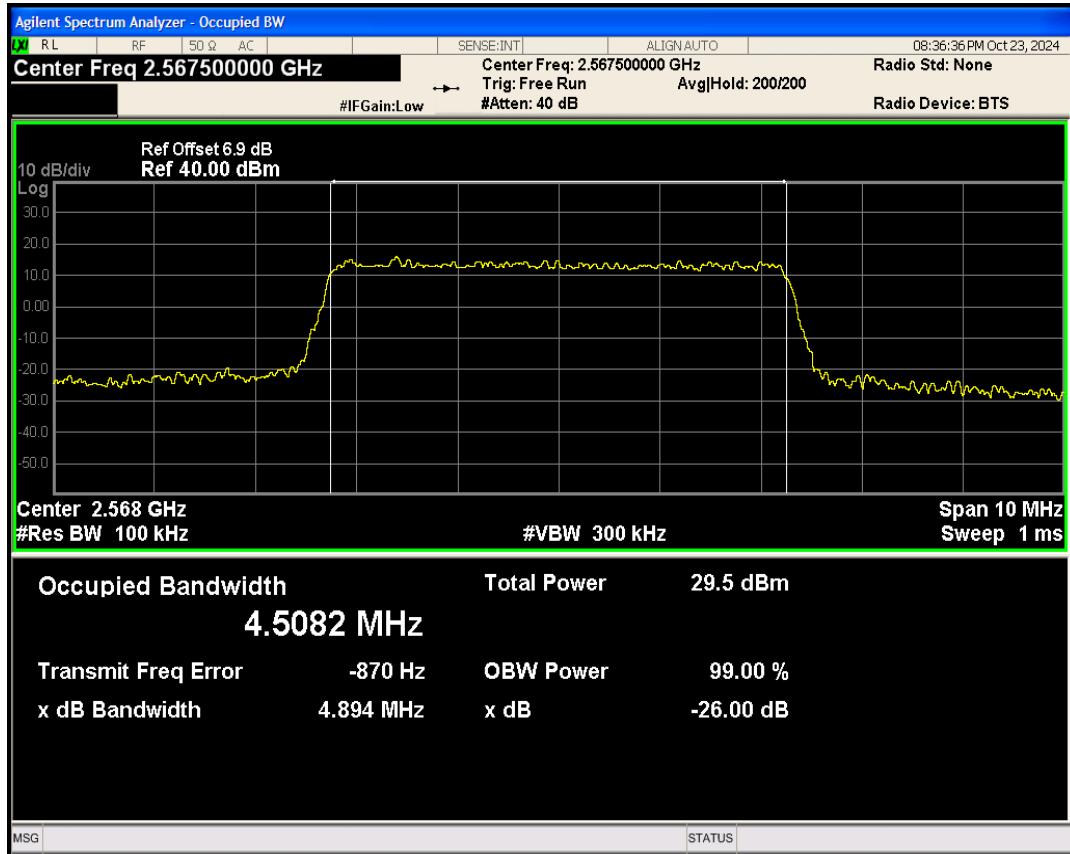
Band7 QPSK BW=5MHz Channel=21100 RB Size=25 Position=#0



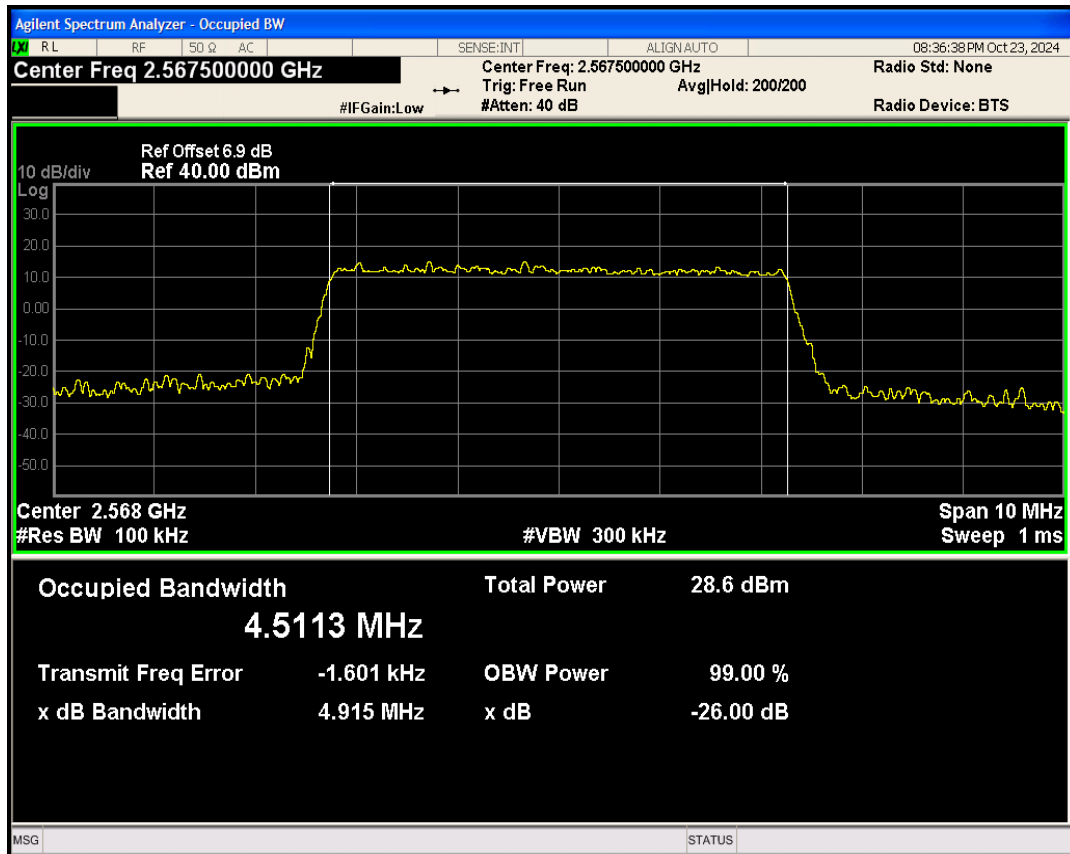
Band7 16QAM BW=5MHz Channel=21100 RB Size=25 Position=#0



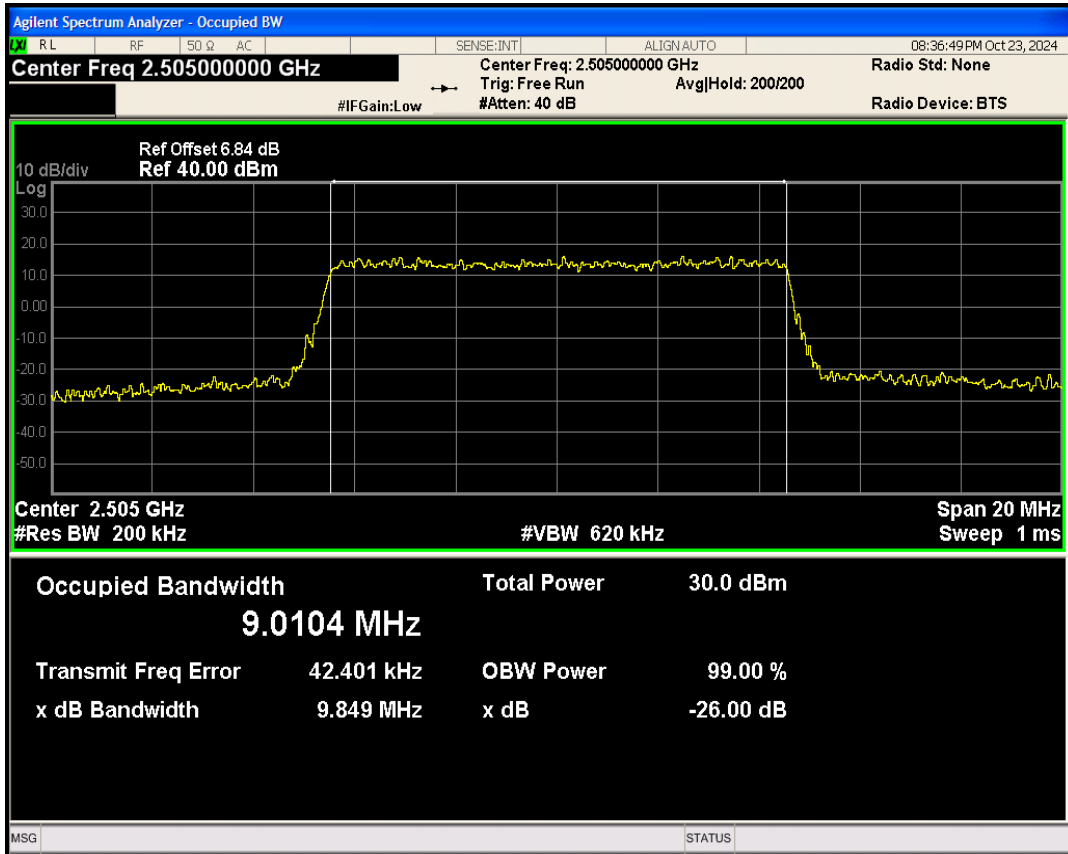
Band7 QPSK BW=5MHz Channel=21425 RB Size=25 Position=#0



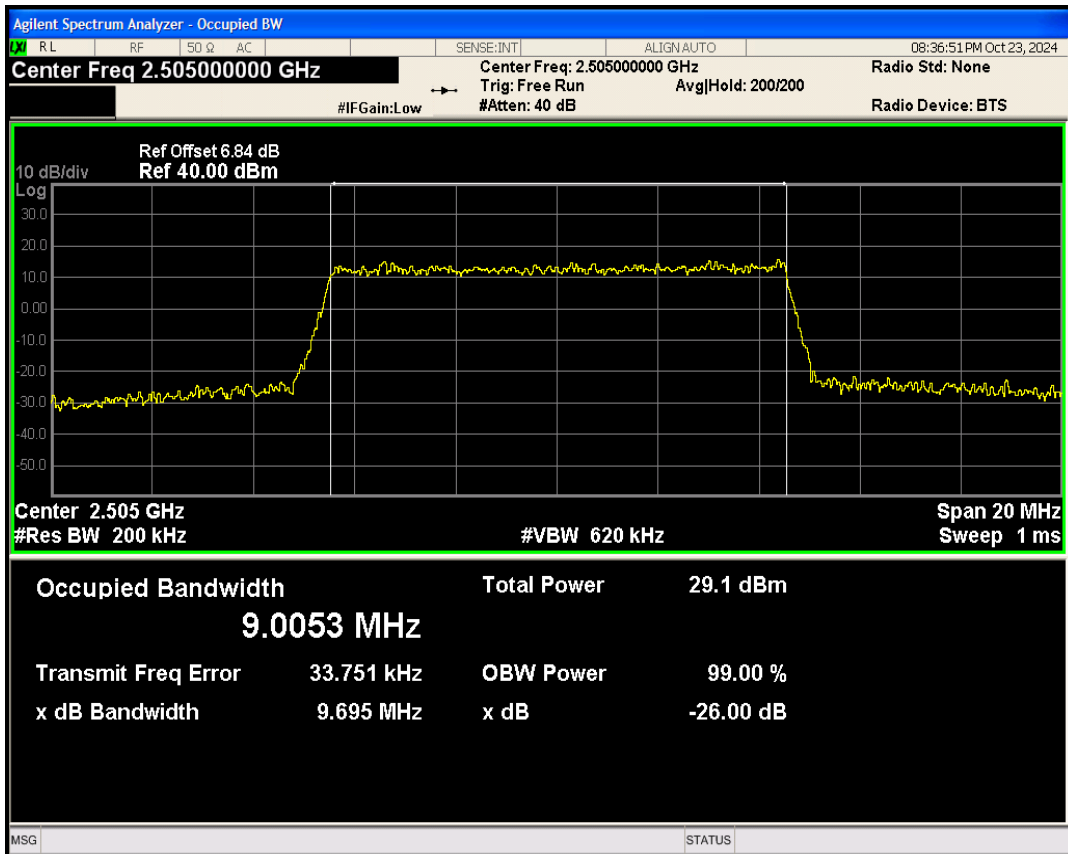
Band7 16QAM BW=5MHz Channel=21425 RB Size=25 Position=#0



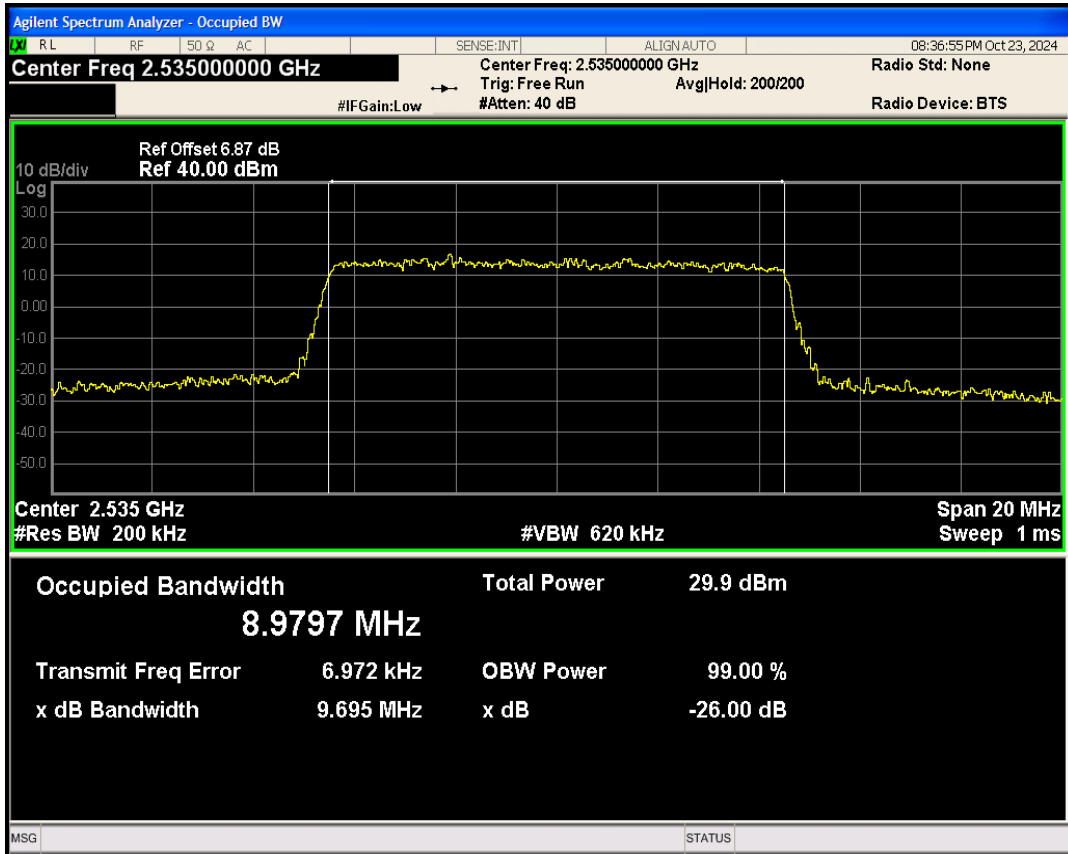
Band7 QPSK BW=10MHz Channel=20800 RB Size=50 Position=#0



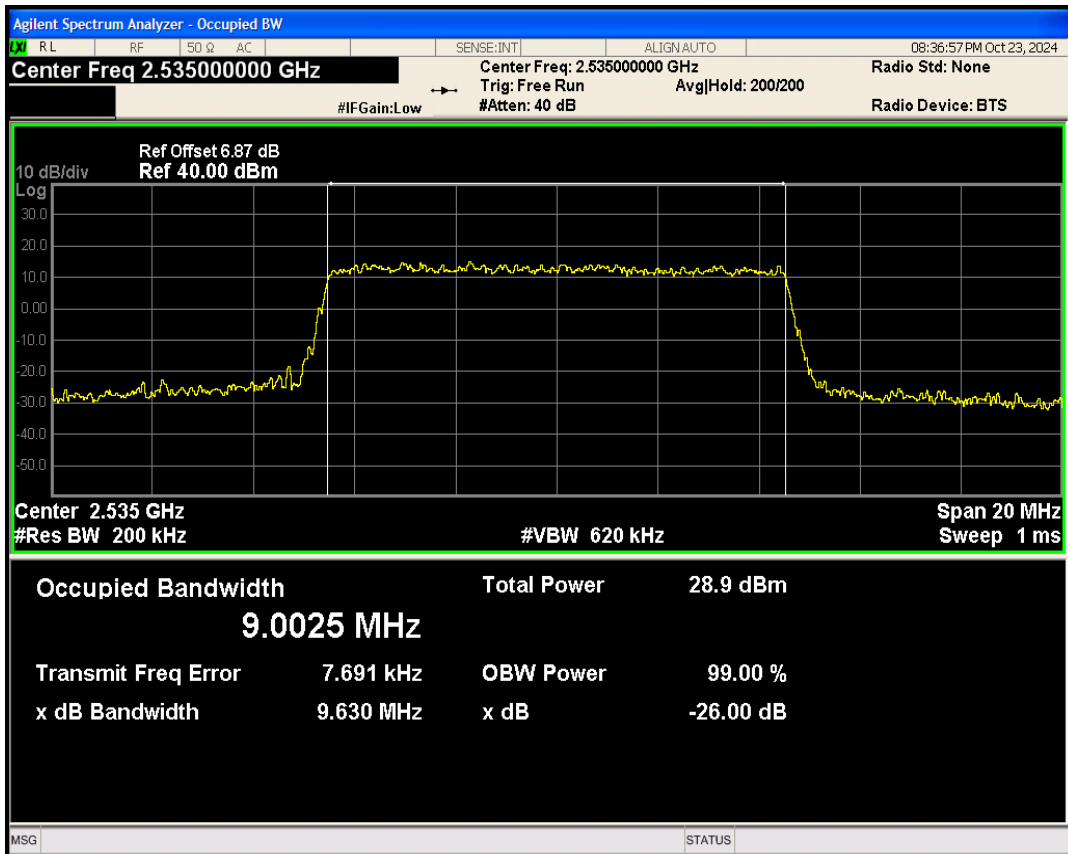
Band7 16QAM BW=10MHz Channel=20800 RB Size=50 Position=#0



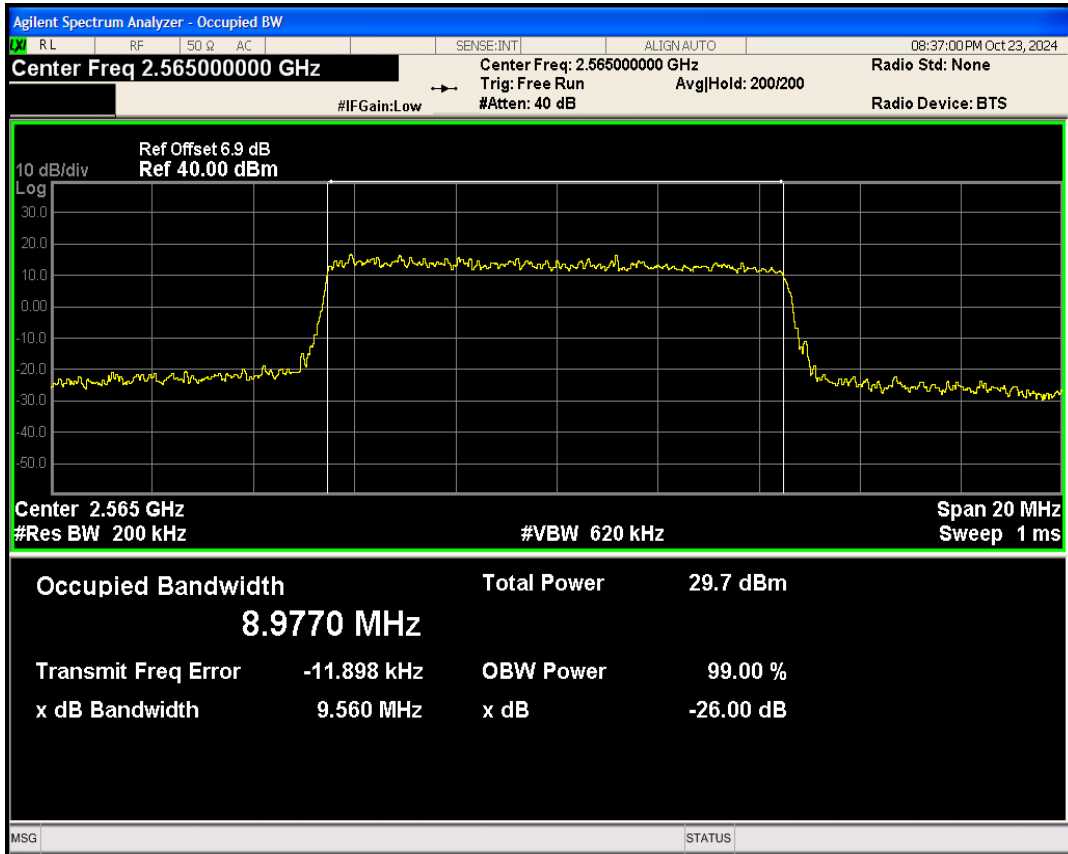
Band7 QPSK BW=10MHz Channel=21100 RB Size=50 Position=#0



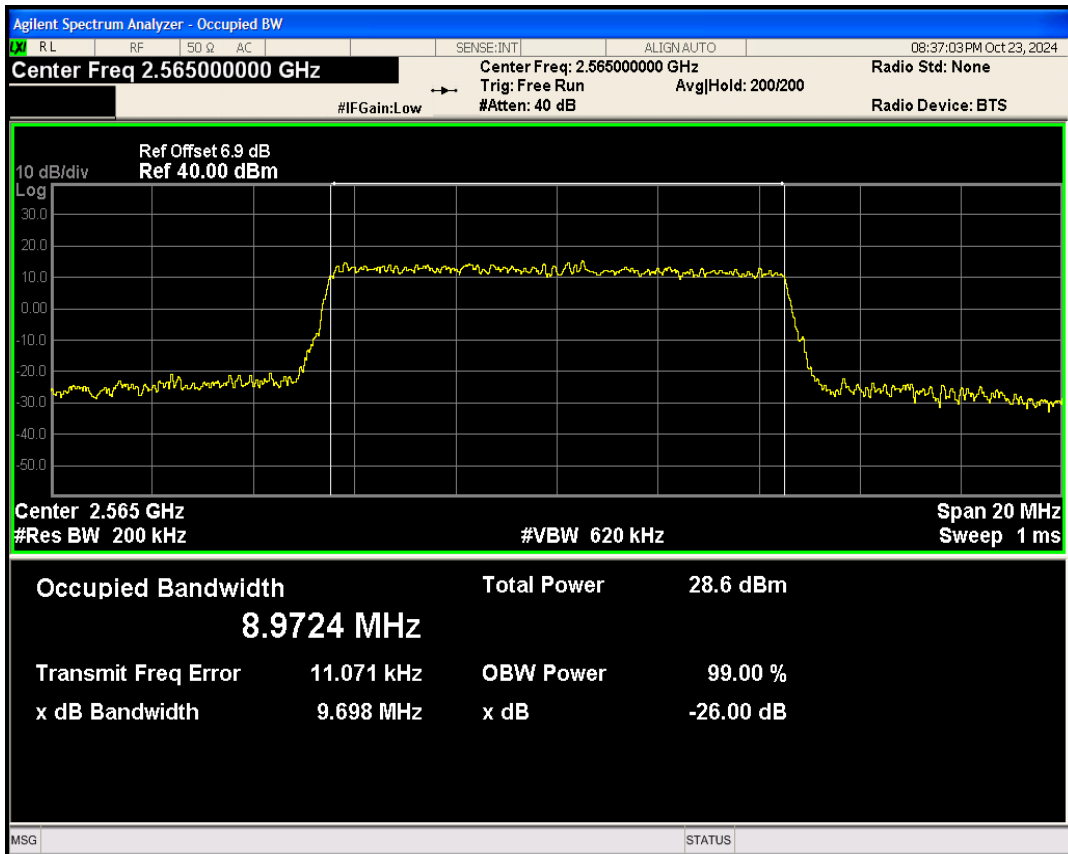
Band7 16QAM BW=10MHz Channel=21100 RB Size=50 Position=#0



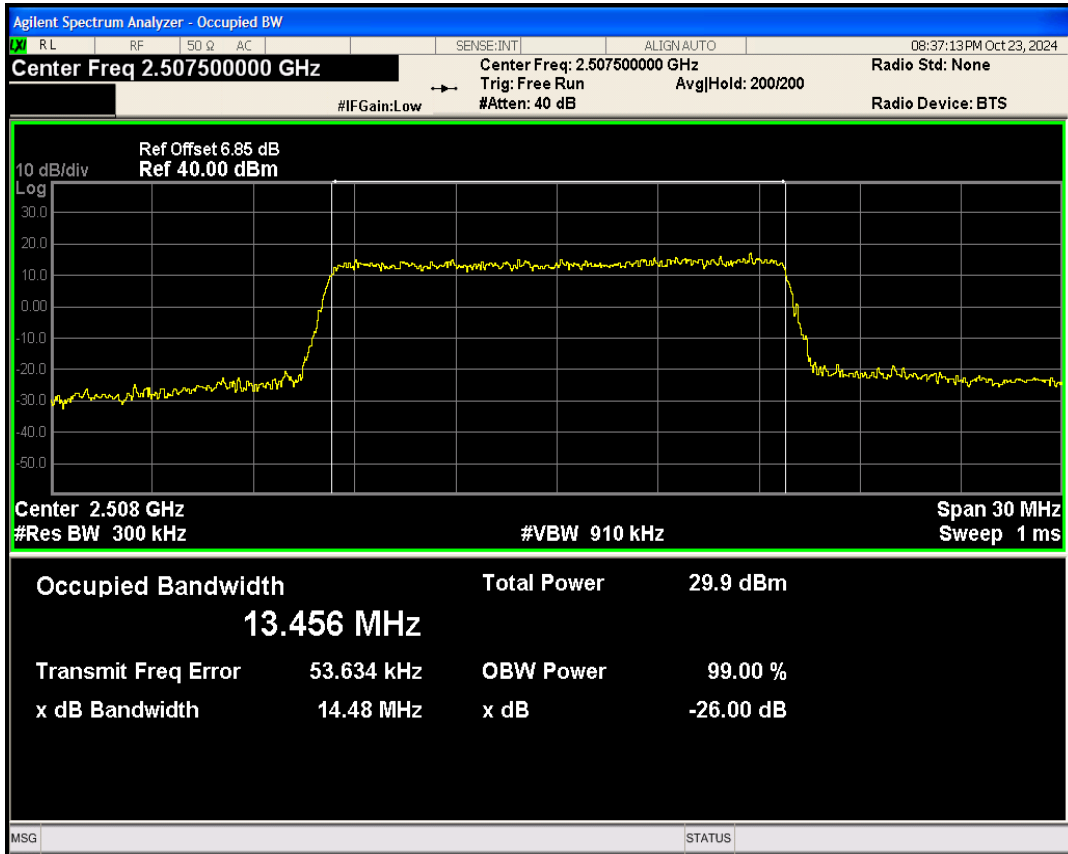
Band7 QPSK BW=10MHz Channel=21400 RB Size=50 Position=#0



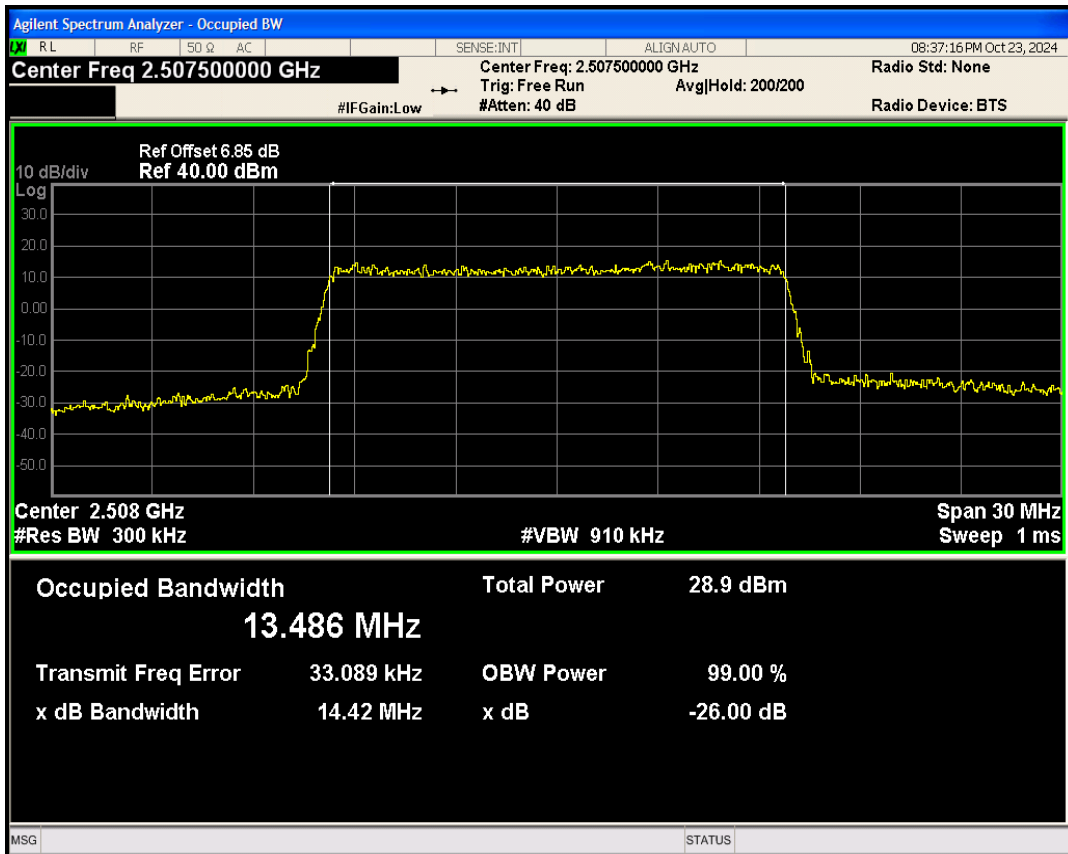
Band7 16QAM BW=10MHz Channel=21400 RB Size=50 Position=#0



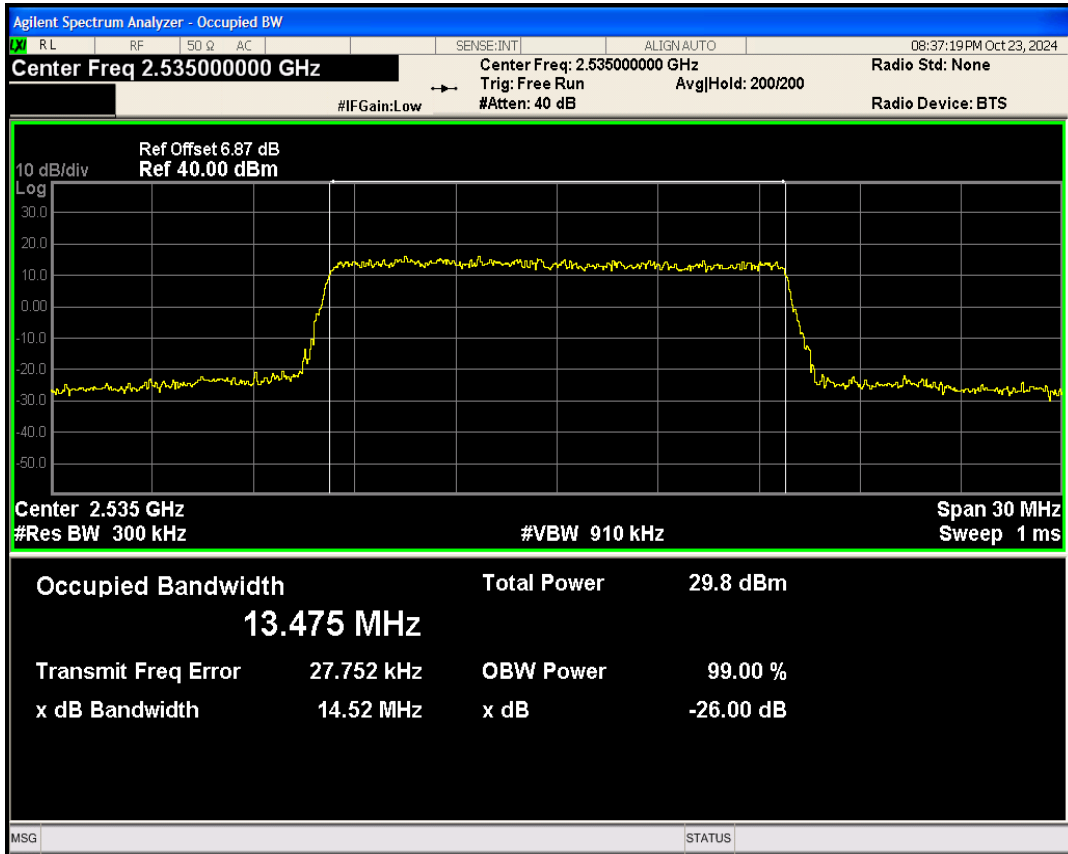
Band7 QPSK BW=15MHz Channel=20825 RB Size=75 Position=#0



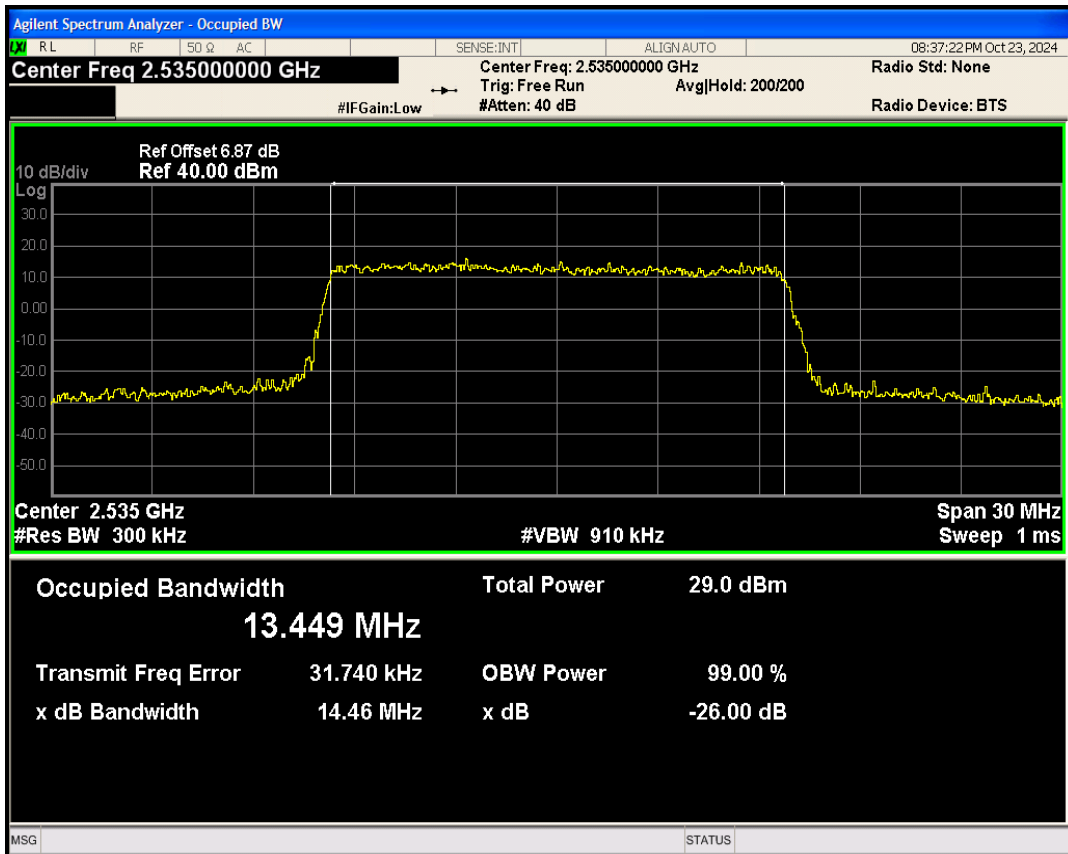
Band7 16QAM BW=15MHz Channel=20825 RB Size=75 Position=#0



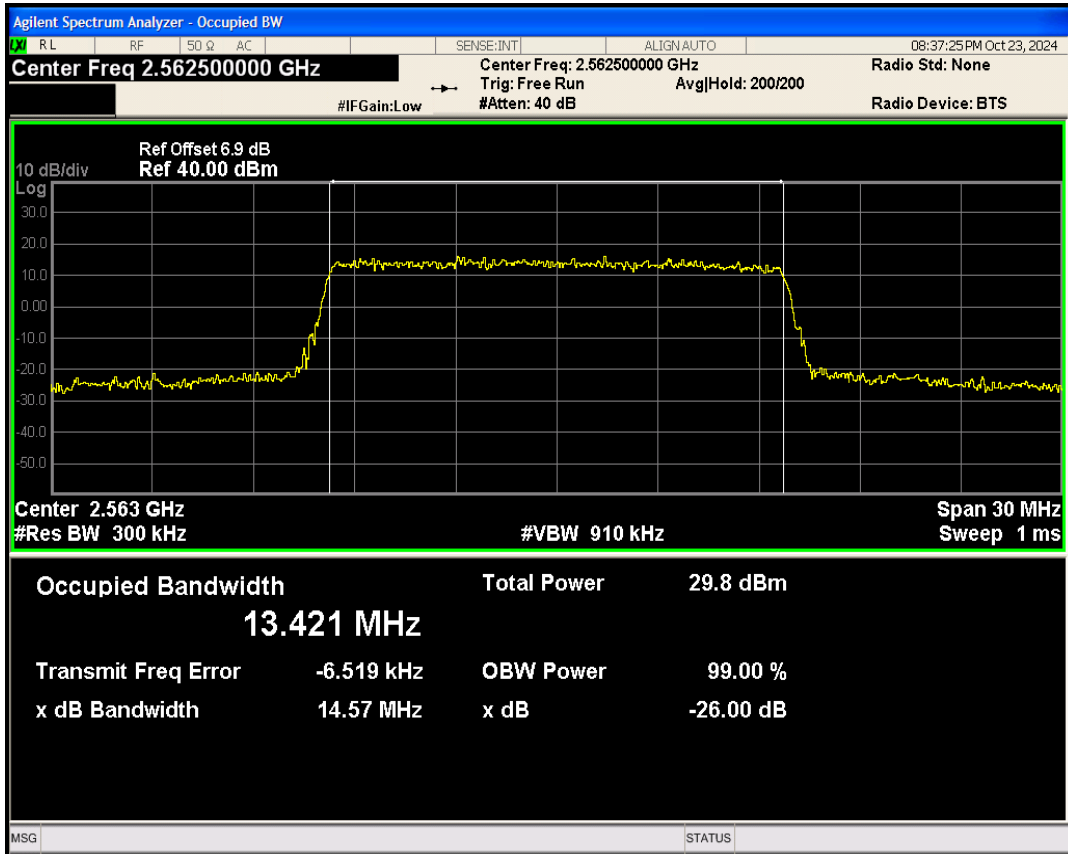
Band7 QPSK BW=15MHz Channel=21100 RB Size=75 Position=#0



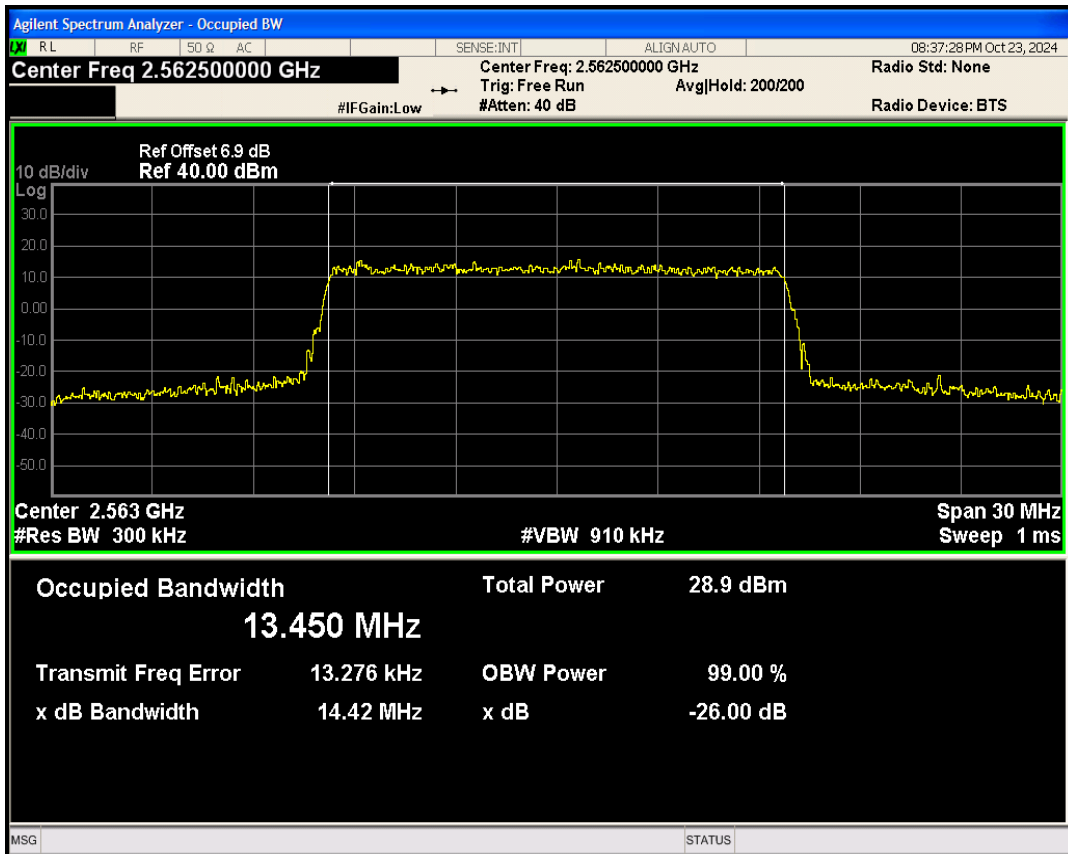
Band7 16QAM BW=15MHz Channel=21100 RB Size=75 Position=#0



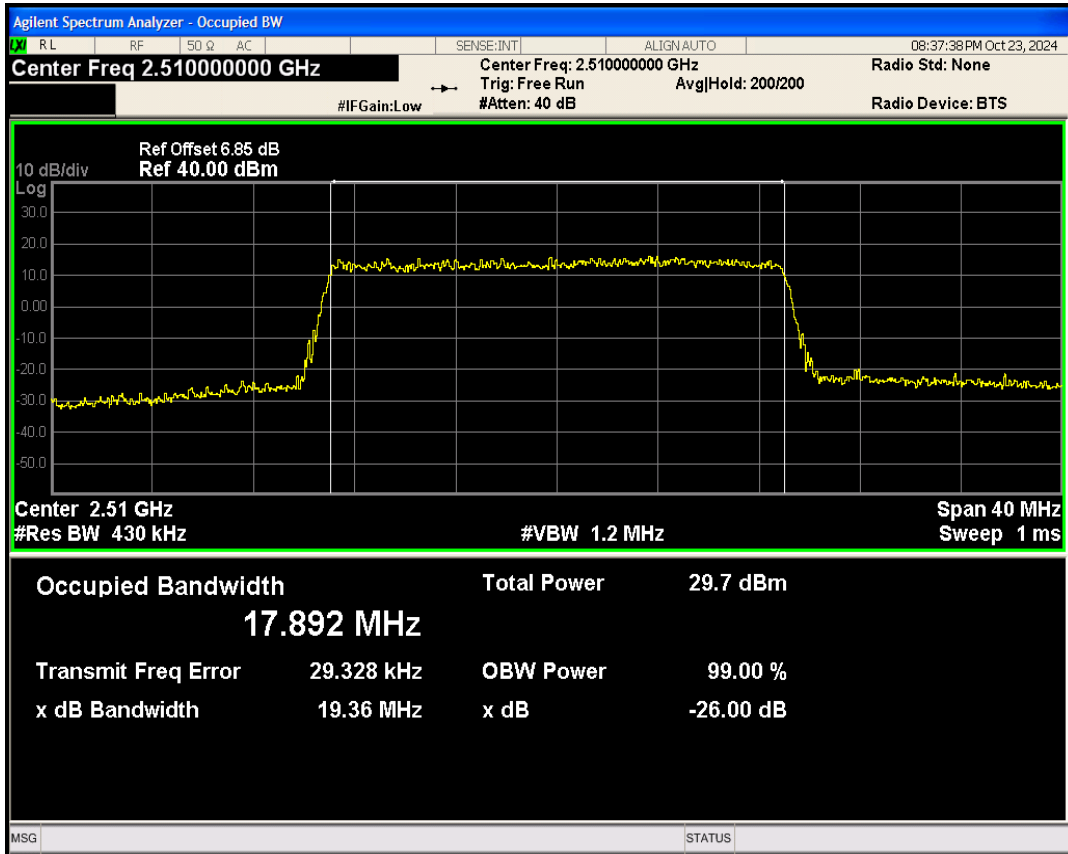
Band7 QPSK BW=15MHz Channel=21375 RB Size=75 Position=#0



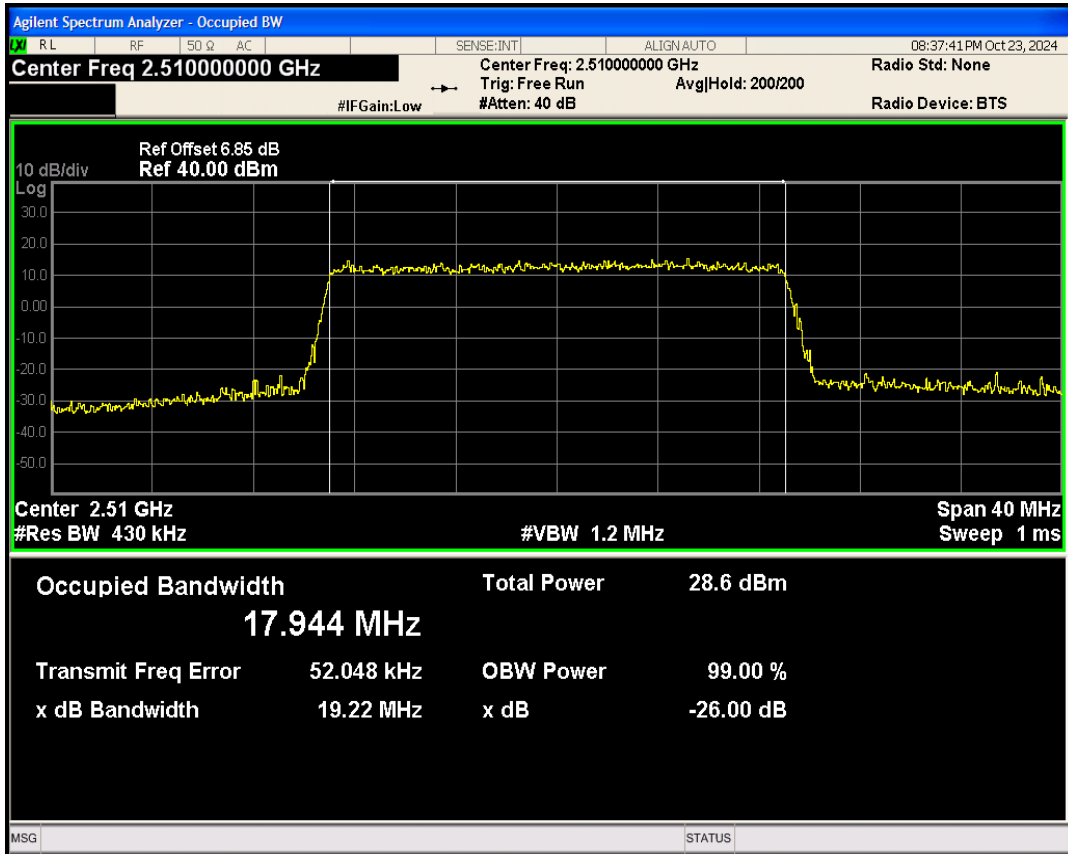
Band7 16QAM BW=15MHz Channel=21375 RB Size=75 Position=#0



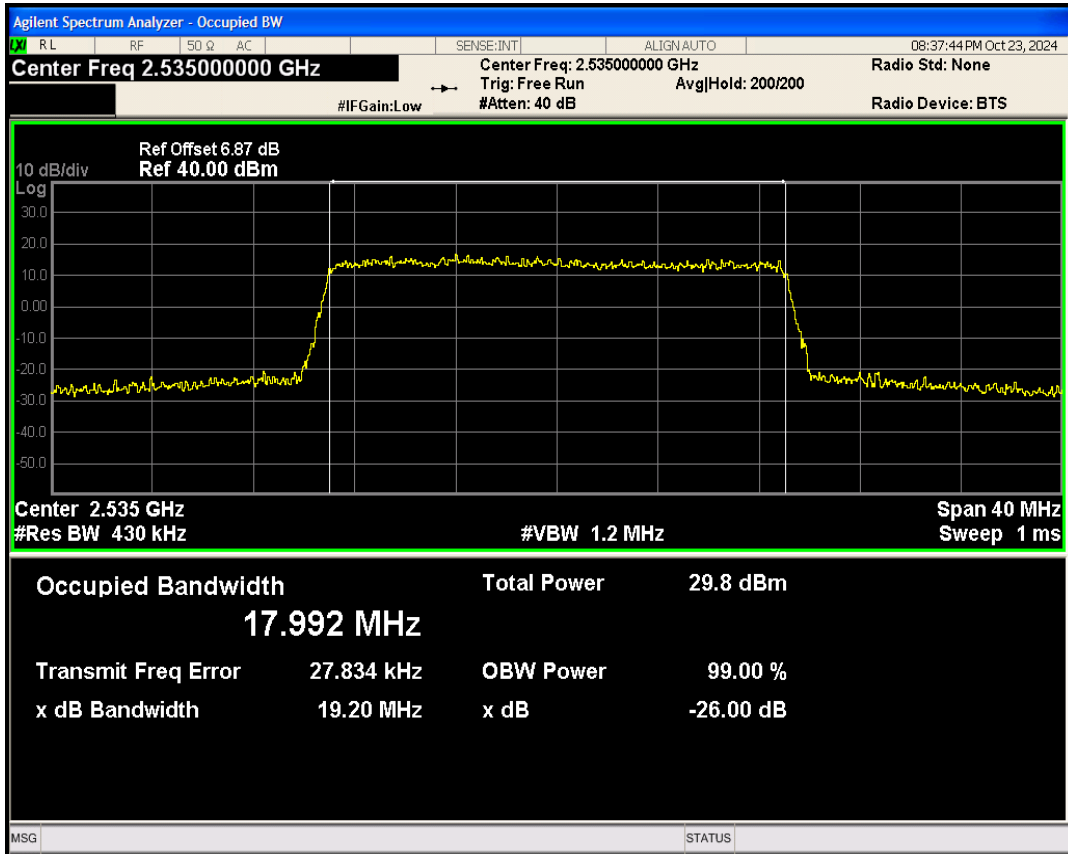
Band7 QPSK BW=20MHz Channel=20850 RB Size=100 Position=#0



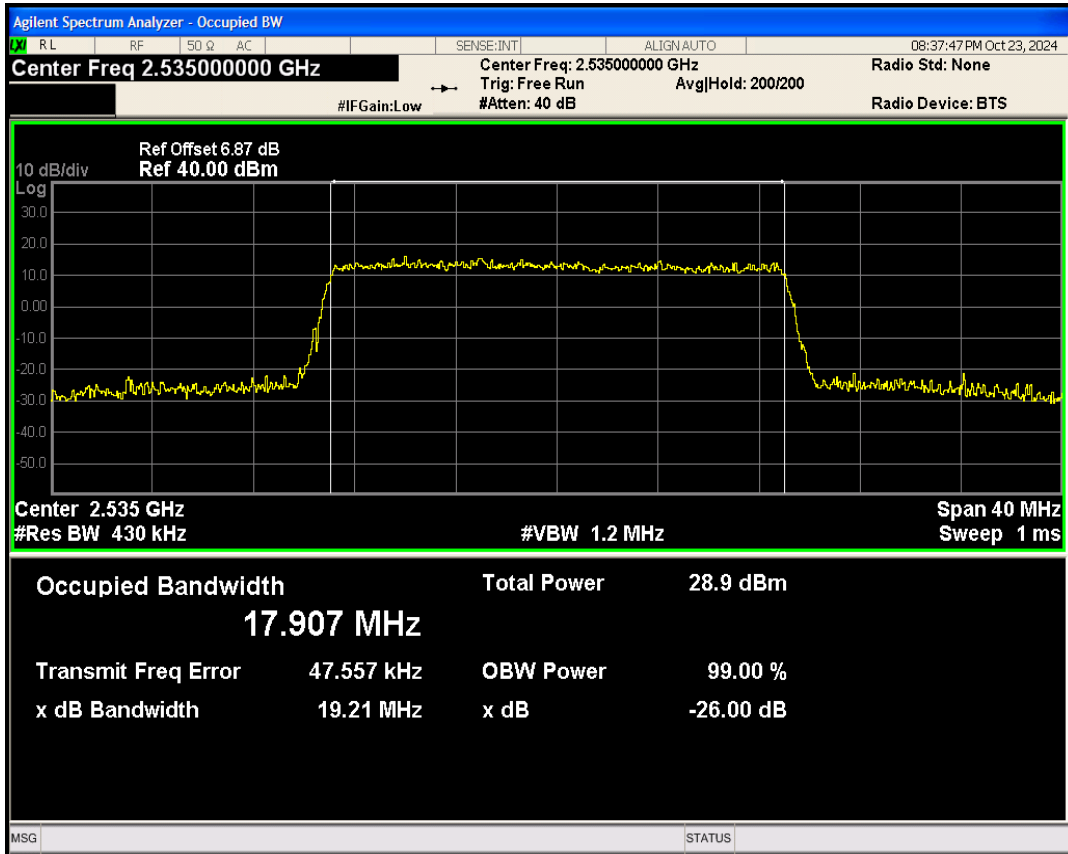
Band7 16QAM BW=20MHz Channel=20850 RB Size=100 Position=#0



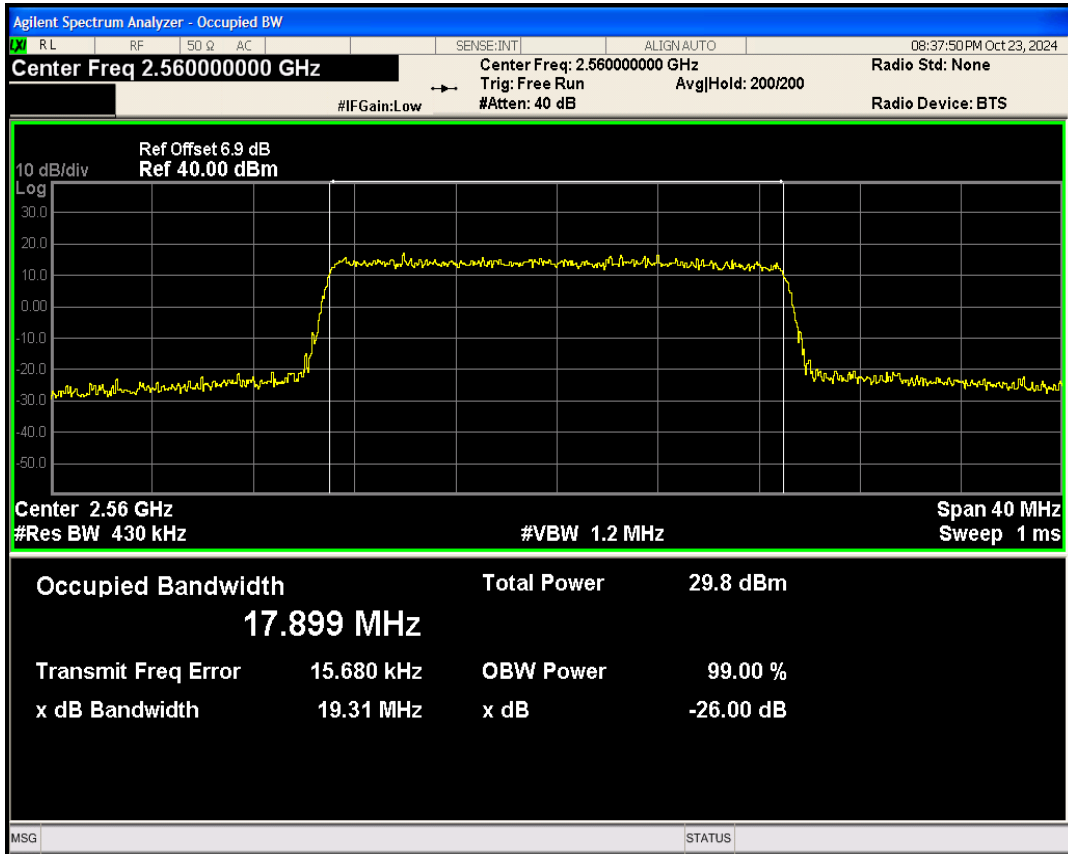
Band7 QPSK BW=20MHz Channel=21100 RB Size=100 Position=#0



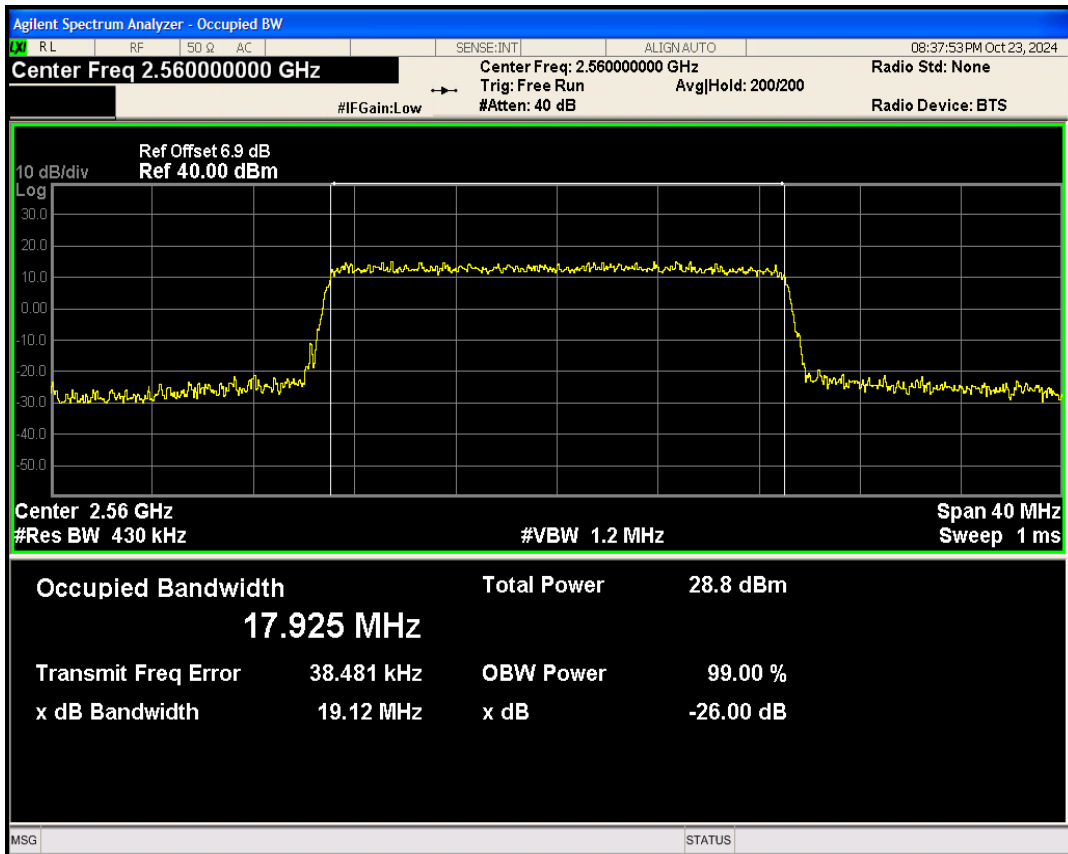
Band7 16QAM BW=20MHz Channel=21100 RB Size=100 Position=#0



Band7 QPSK BW=20MHz Channel=21350 RB Size=100 Position=#0



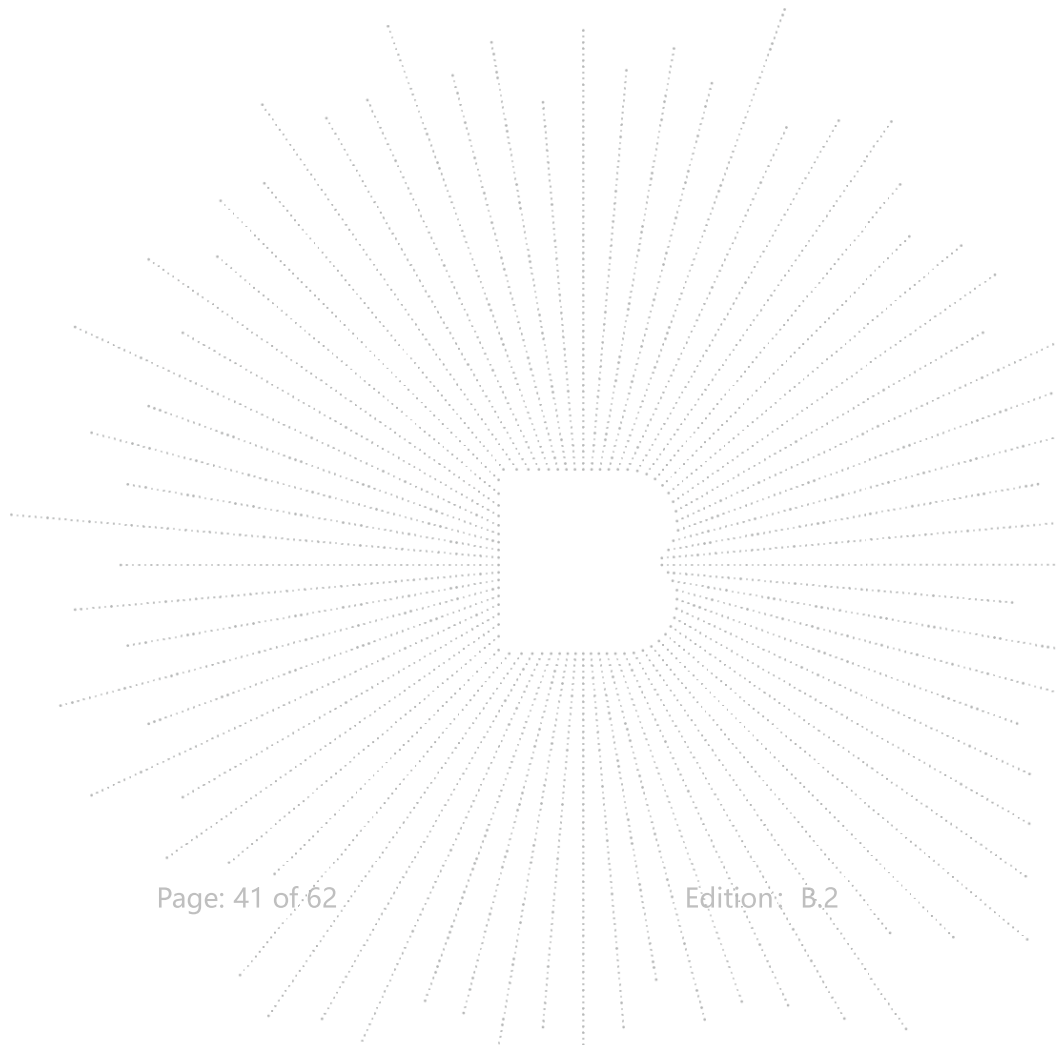
Band7 16QAM BW=20MHz Channel=21350 RB Size=100 Position=#0

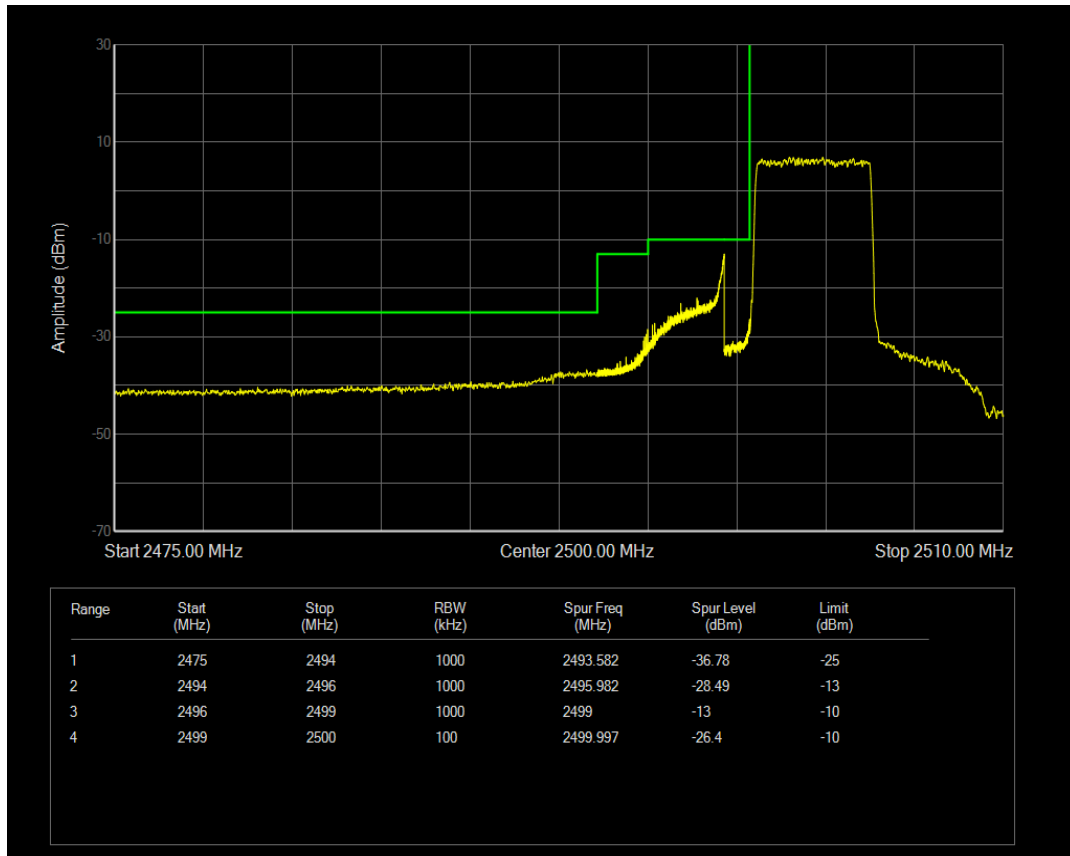


Appendix 5. Band edge

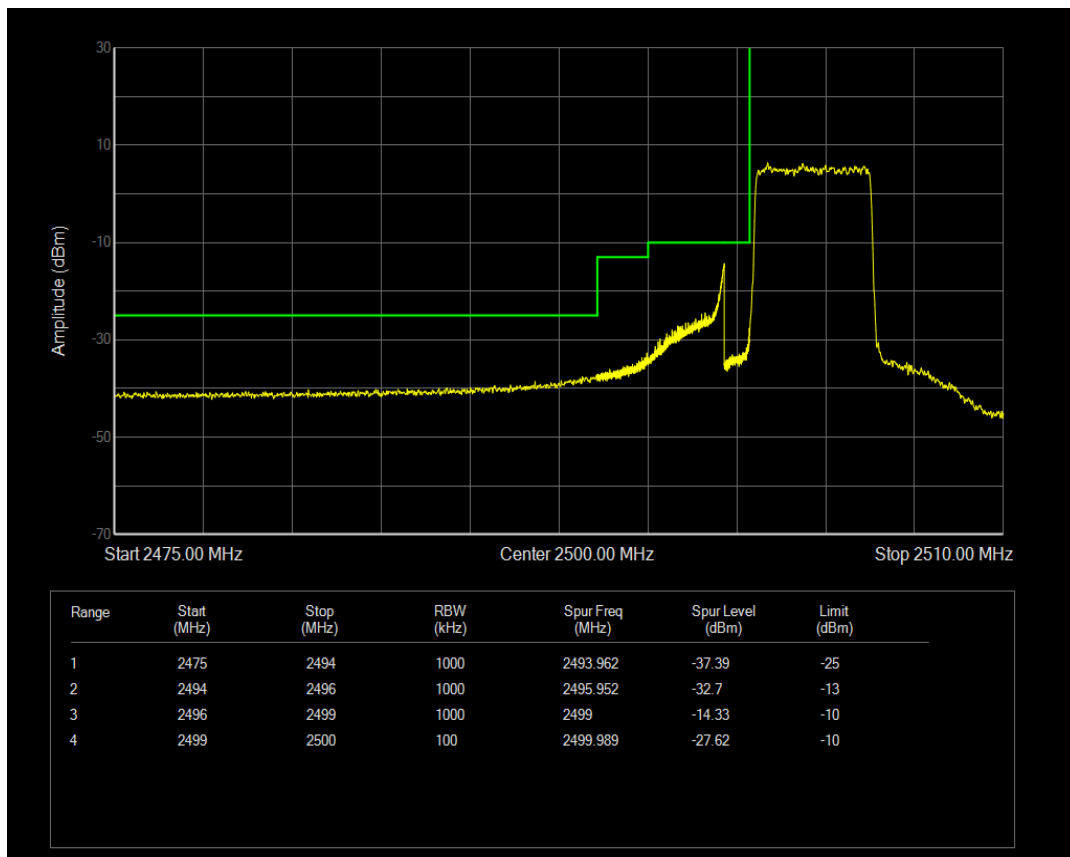
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band7	5	20775	25	#0	QPSK	2499.00	-13.00	-10	PASS
Band7	5	20775	25	#0	16QAM	2499.00	-14.33	-10	PASS
Band7	5	21425	25	#0	QPSK	2571.02	-14.66	-10	PASS
Band7	5	21425	25	#0	16QAM	2571.01	-16.36	-10	PASS
Band7	10	20800	50	#0	QPSK	2498.99	-23.97	-10	PASS
Band7	10	20800	50	#0	16QAM	2489.90	-39.16	-25	PASS
Band7	10	21400	50	#0	QPSK	2580.24	-37.93	-25	PASS
Band7	10	21400	50	#0	16QAM	2581.32	-38.25	-25	PASS
Band7	15	20825	75	#0	QPSK	2483.18	-39.37	-25	PASS
Band7	15	20825	75	#0	16QAM	2483.29	-39.79	-25	PASS
Band7	15	21375	75	#0	QPSK	2575.34	-26.65	-13	PASS
Band7	15	21375	75	#0	16QAM	2585.79	-39.54	-25	PASS
Band7	20	20850	100	#0	QPSK	2478.14	-40.39	-25	PASS
Band7	20	20850	100	#0	16QAM	2477.91	-40.38	-25	PASS
Band7	20	21350	100	#0	QPSK	2590.06	-39.96	-25	PASS
Band7	20	21350	100	#0	16QAM	2590.03	-39.87	-25	PASS

Band7 QPSK BW=5MHz Channel=20775 RB Size=25 Position=#0

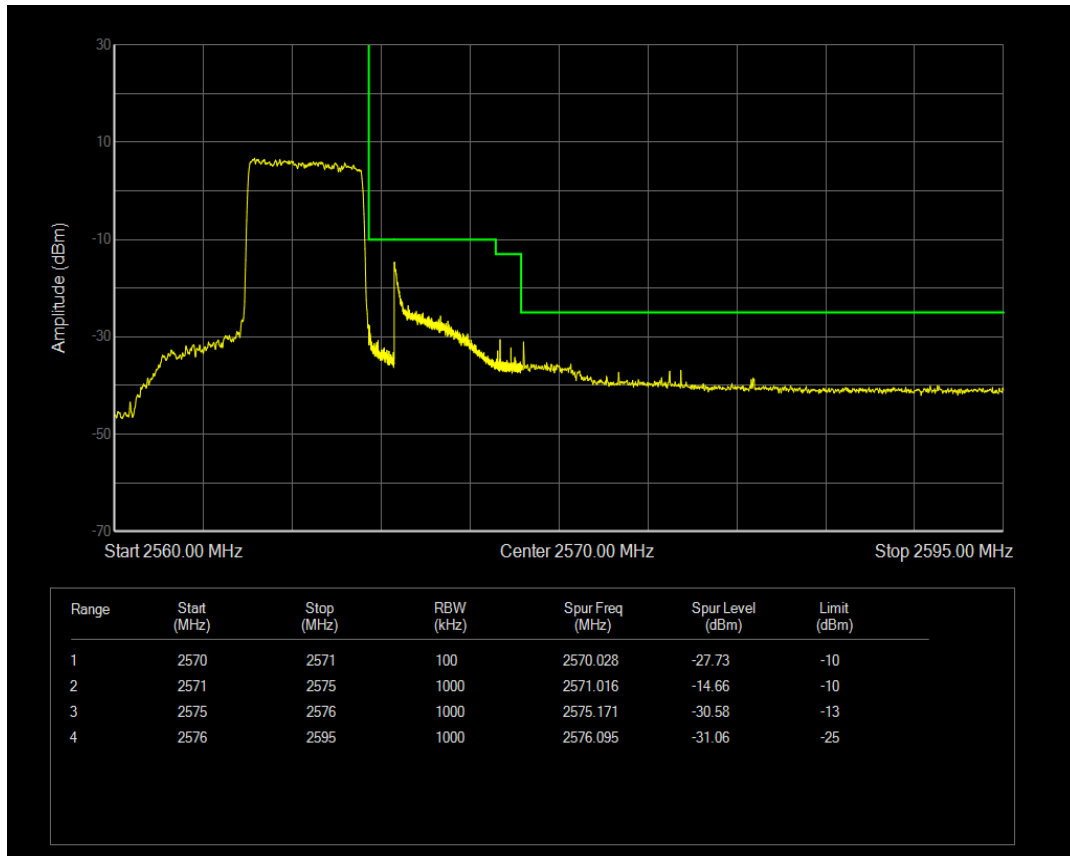




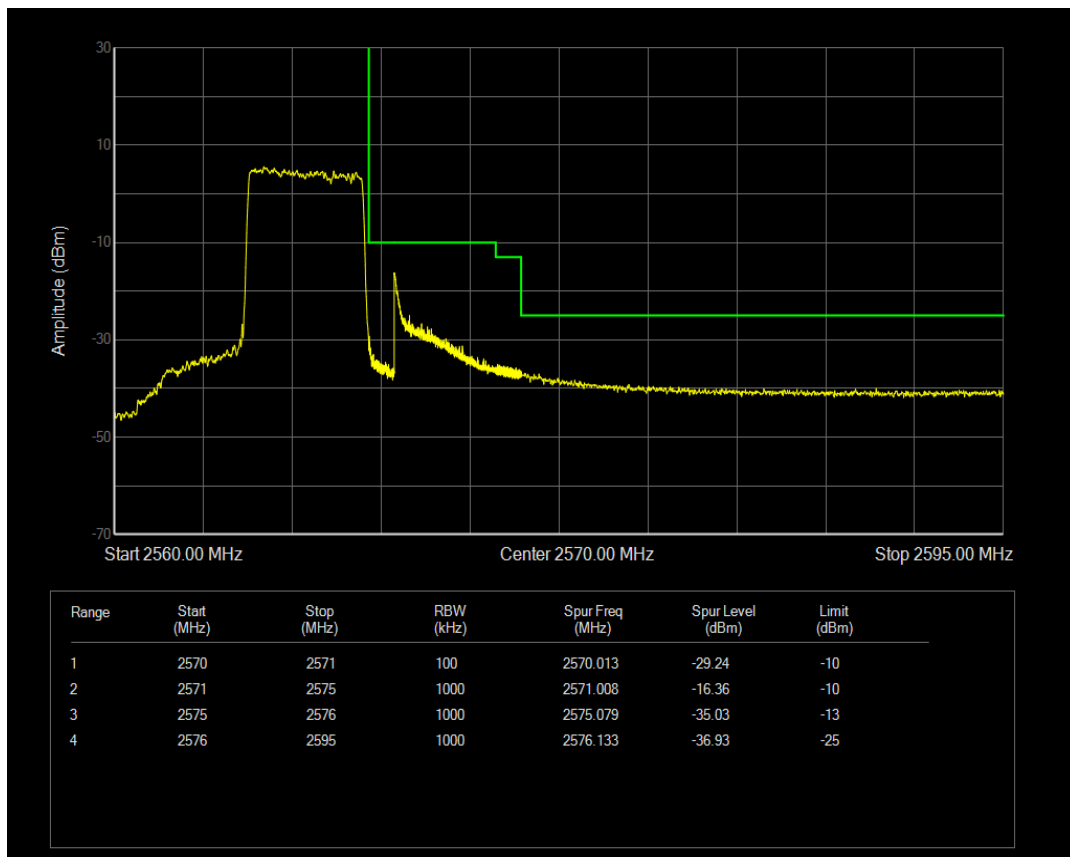
Band7 16QAM BW=5MHz Channel=20775 RB Size=25 Position=#0



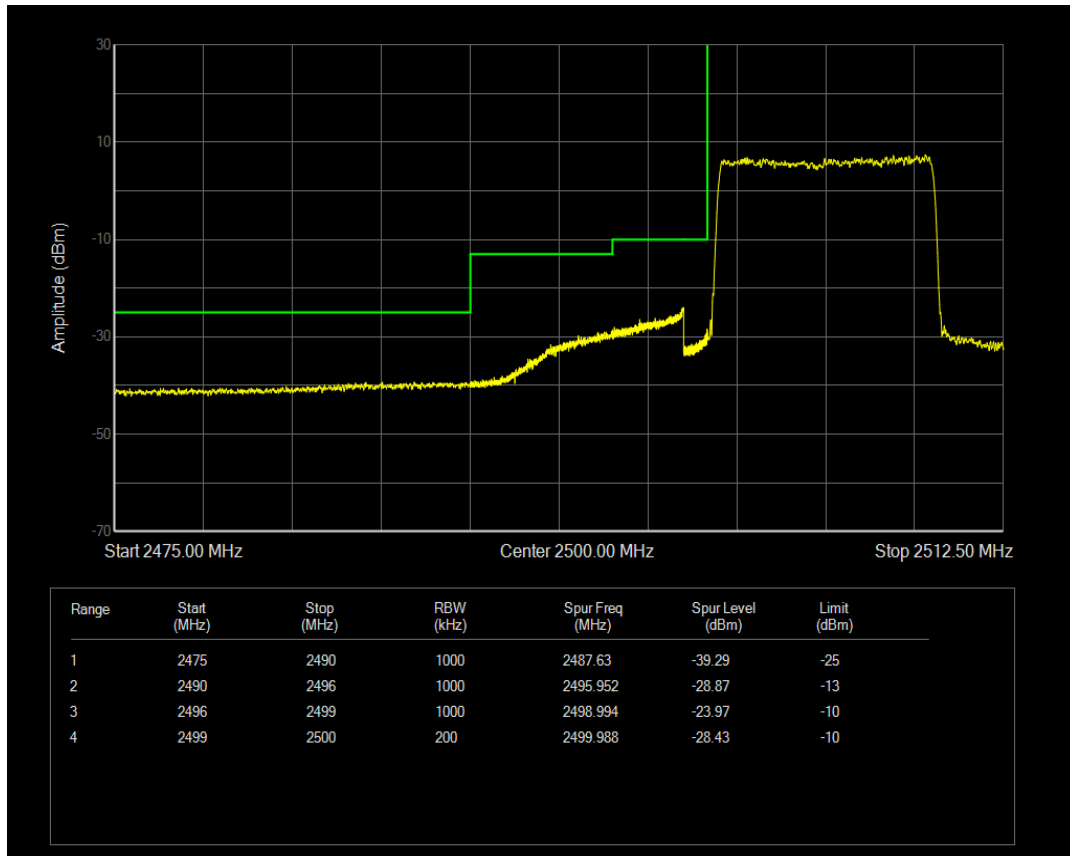
Band7 QPSK BW=5MHz Channel=21425 RB Size=25 Position=#0



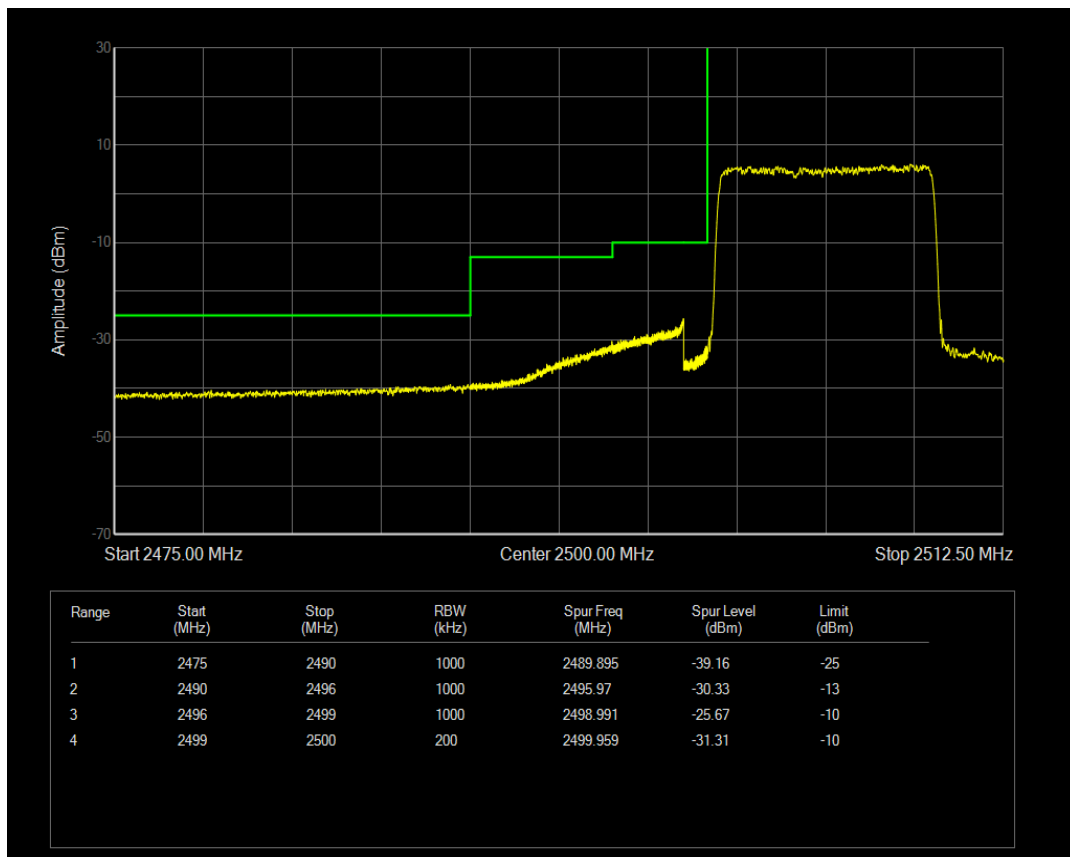
Band7 16QAM BW=5MHz Channel=21425 RB Size=25 Position=#0



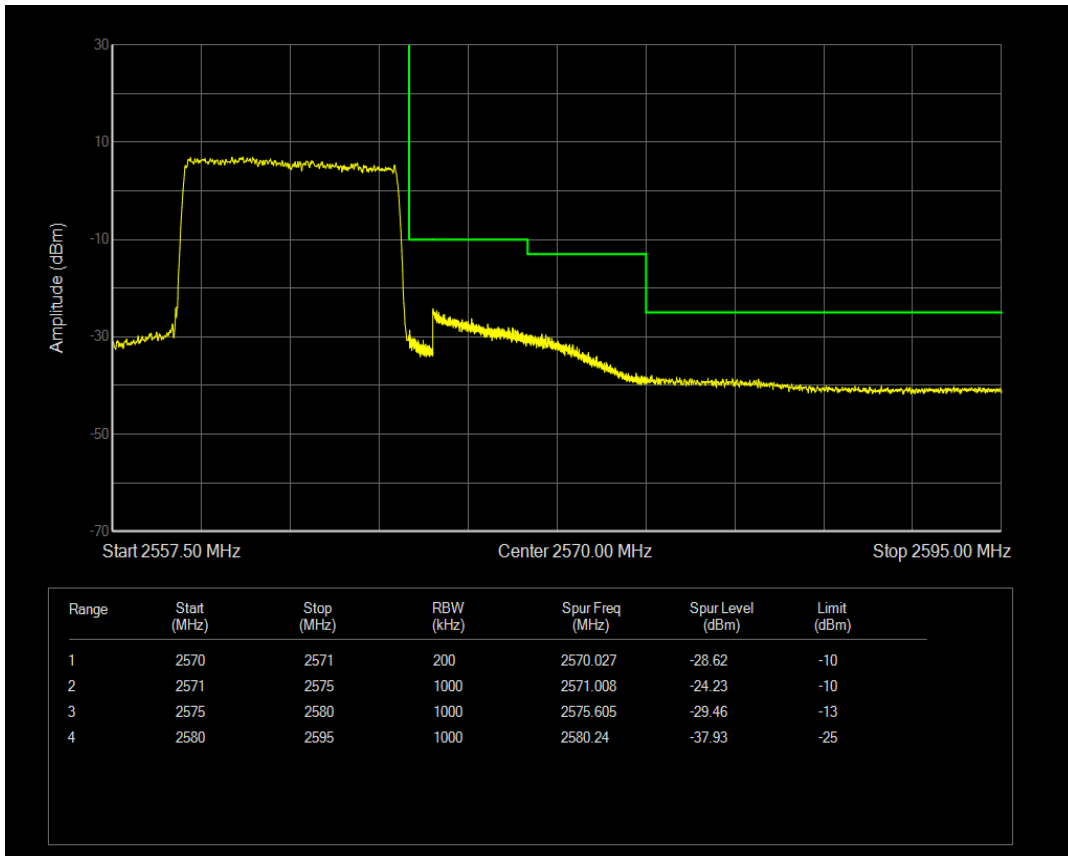
Band7 QPSK BW=10MHz Channel=20800 RB Size=50 Position=#0



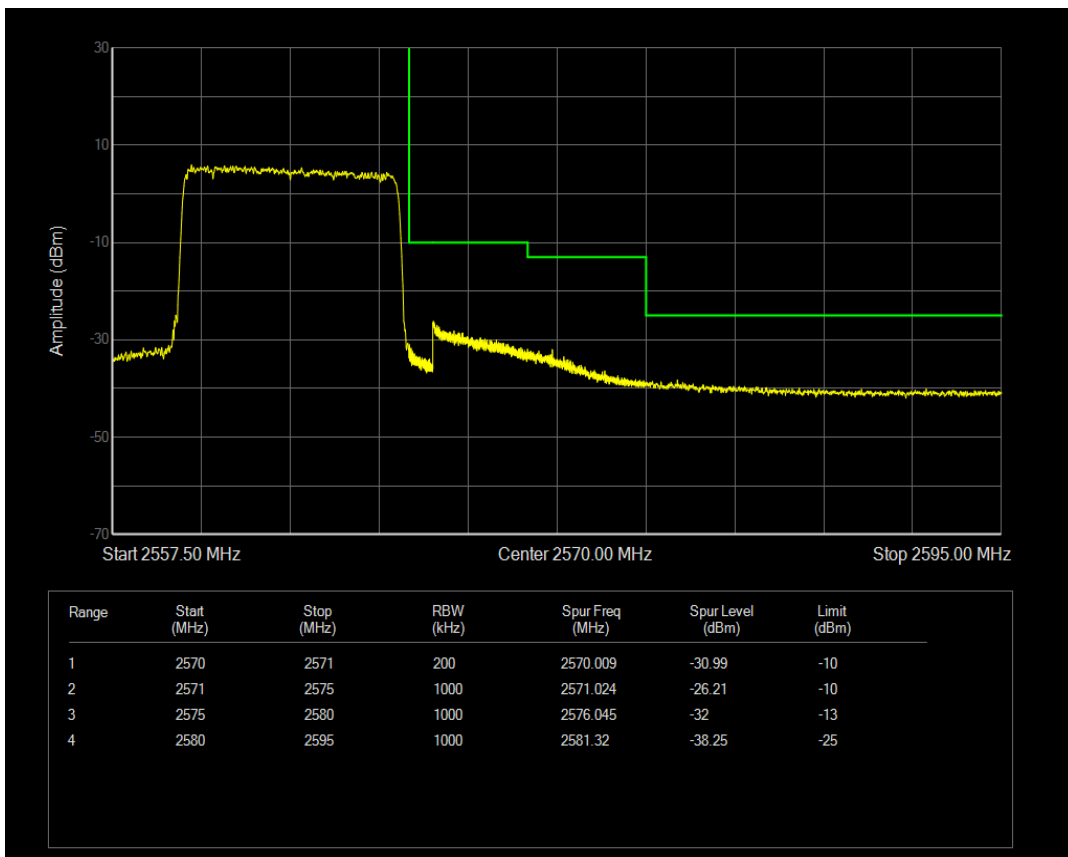
Band7 16QAM BW=10MHz Channel=20800 RB Size=50 Position=#0



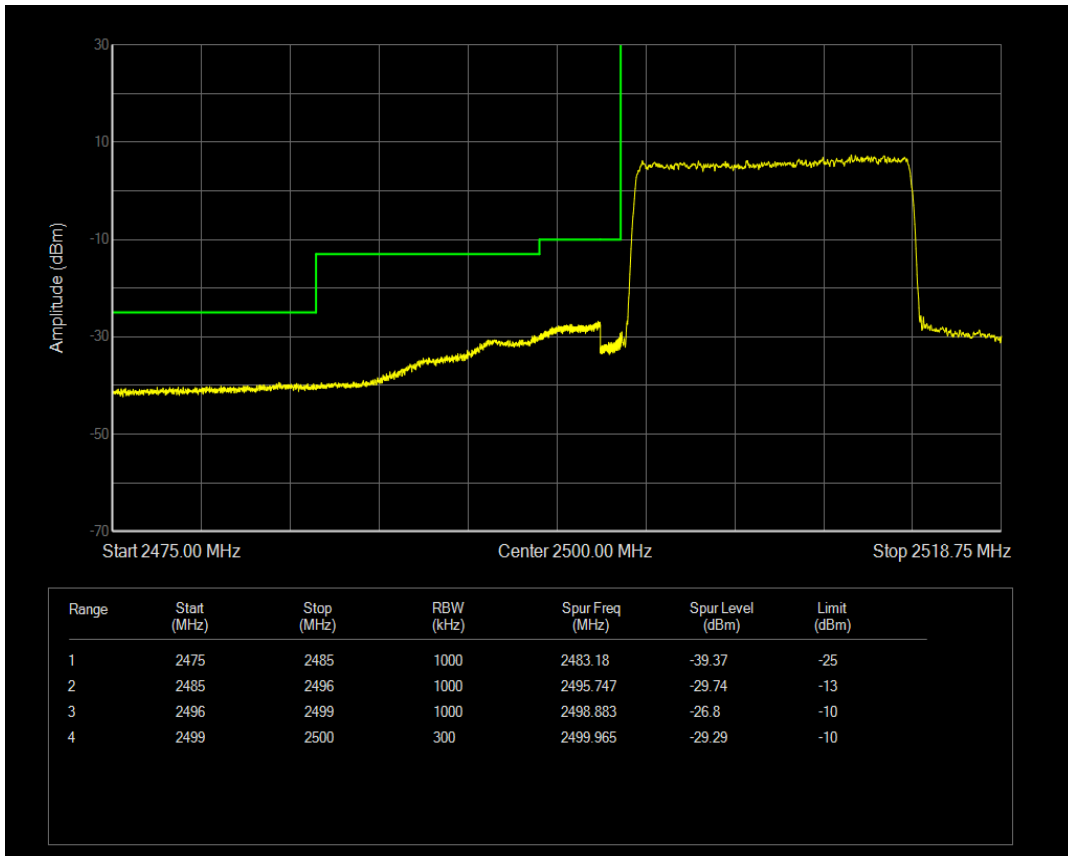
Band7 QPSK BW=10MHz Channel=21400 RB Size=50 Position=#0



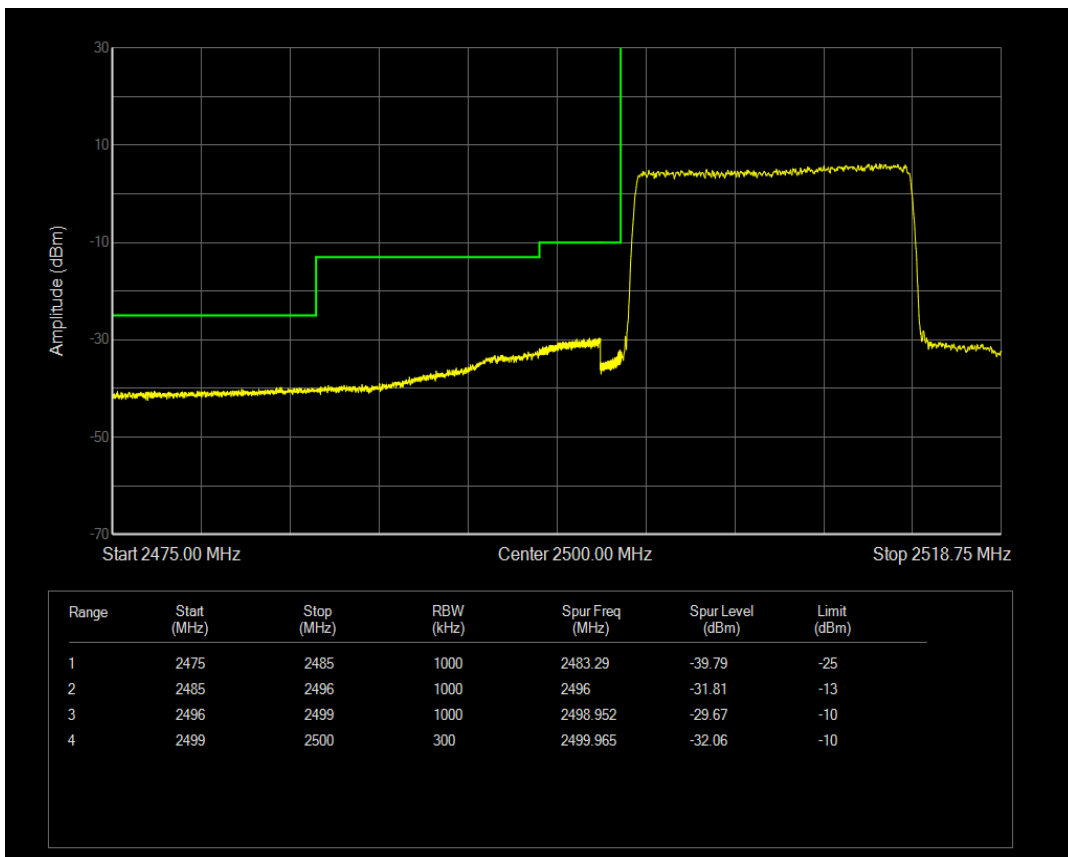
Band7 16QAM BW=10MHz Channel=21400 RB Size=50 Position=#0



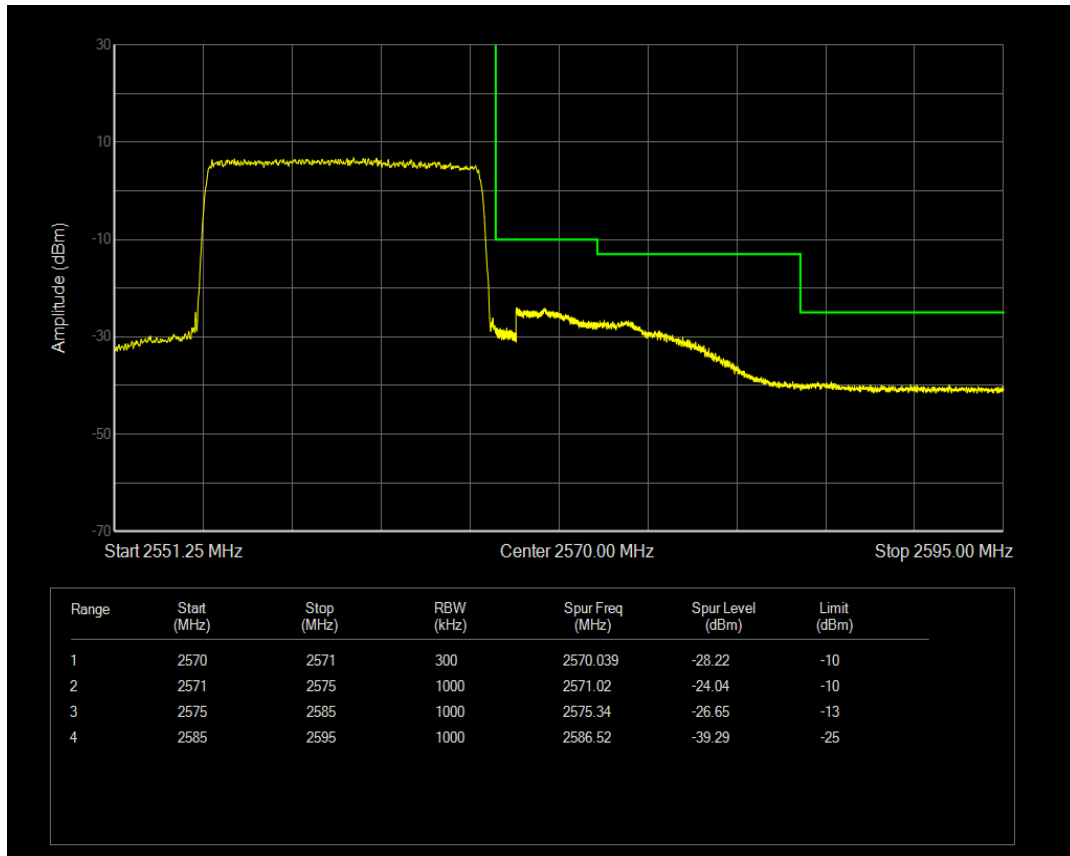
Band7 QPSK BW=15MHz Channel=20825 RB Size=75 Position=#0



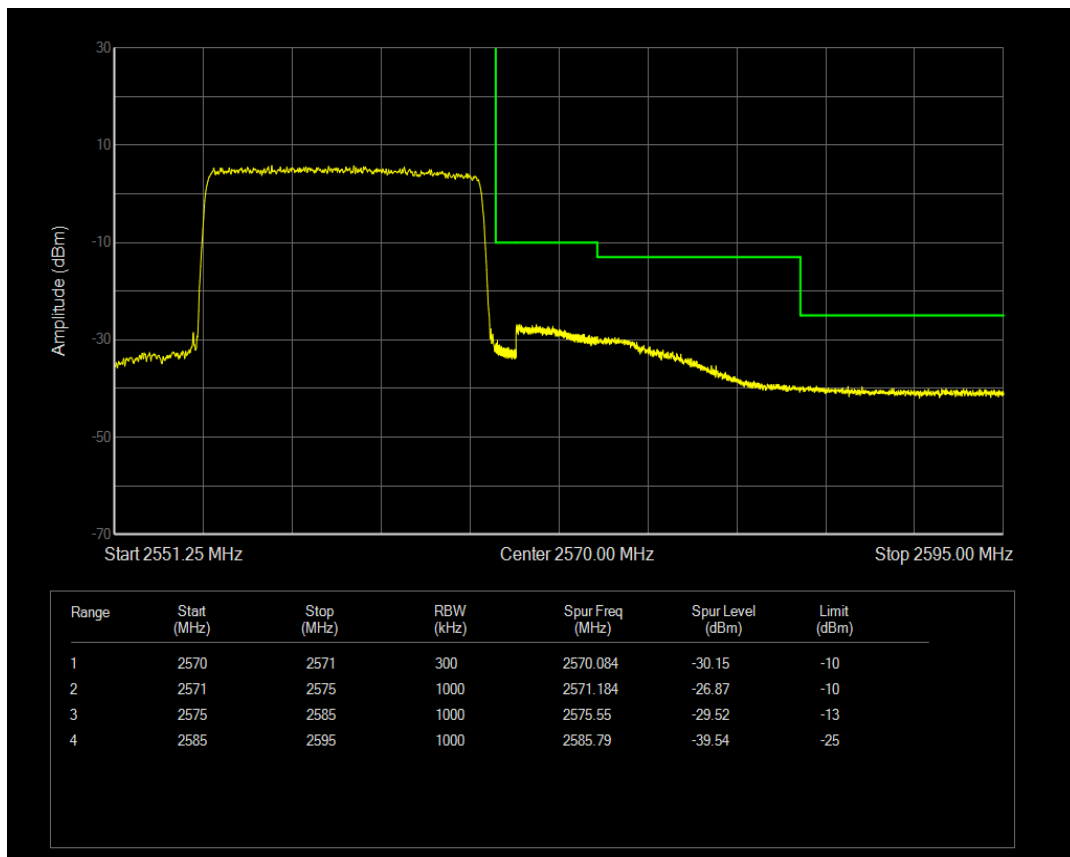
Band7 16QAM BW=15MHz Channel=20825 RB Size=75 Position=#0



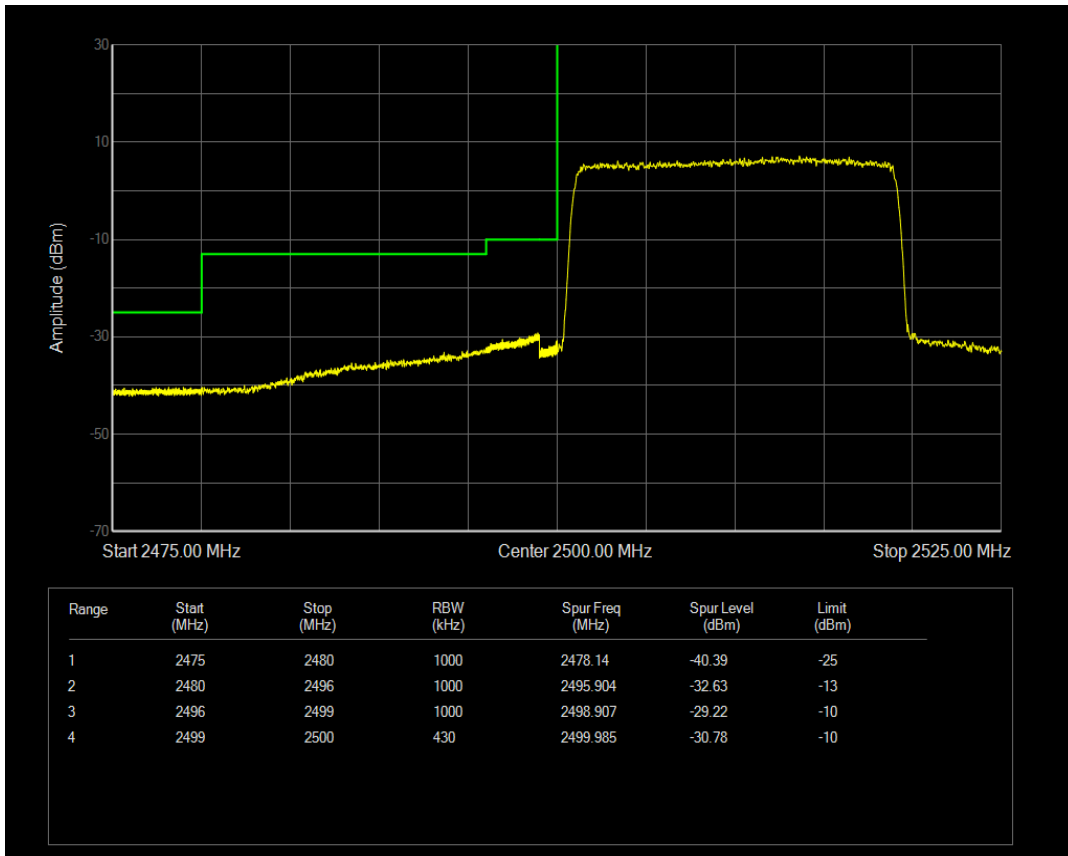
Band7 QPSK BW=15MHz Channel=21375 RB Size=75 Position=#0



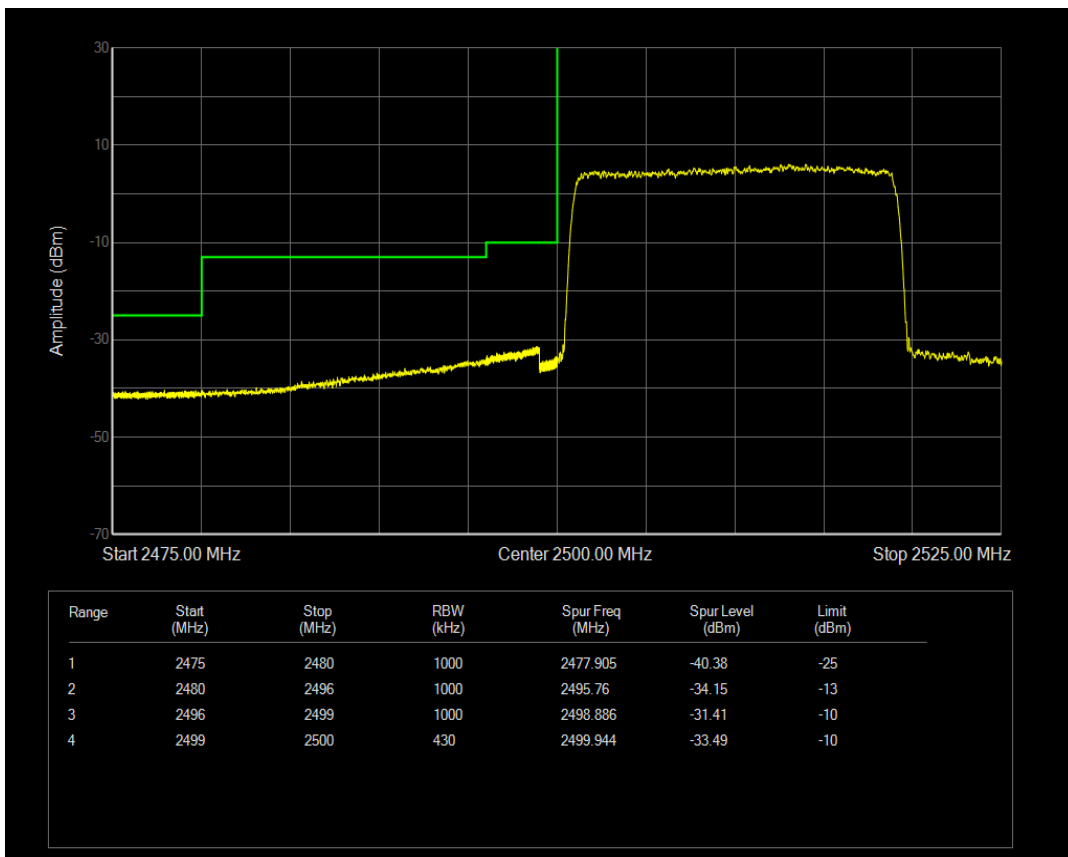
Band7 16QAM BW=15MHz Channel=21375 RB Size=75 Position=#0



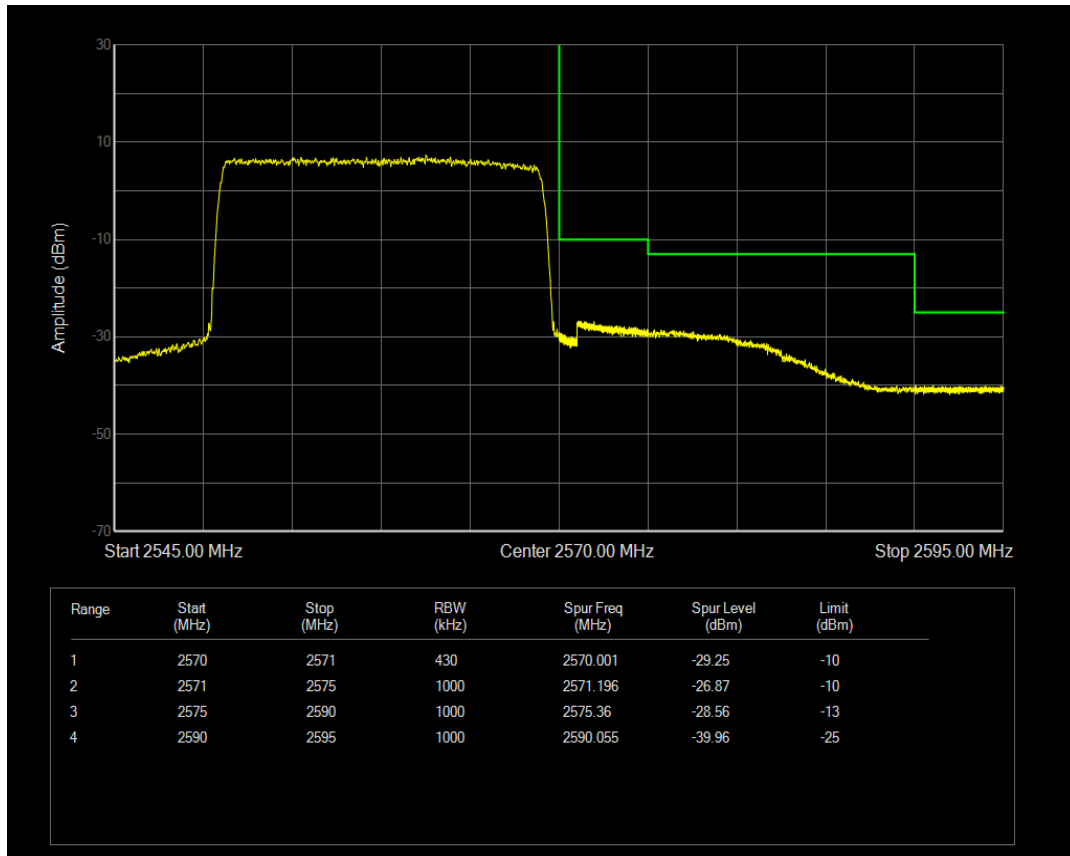
Band7 QPSK BW=20MHz Channel=20850 RB Size=100 Position=#0



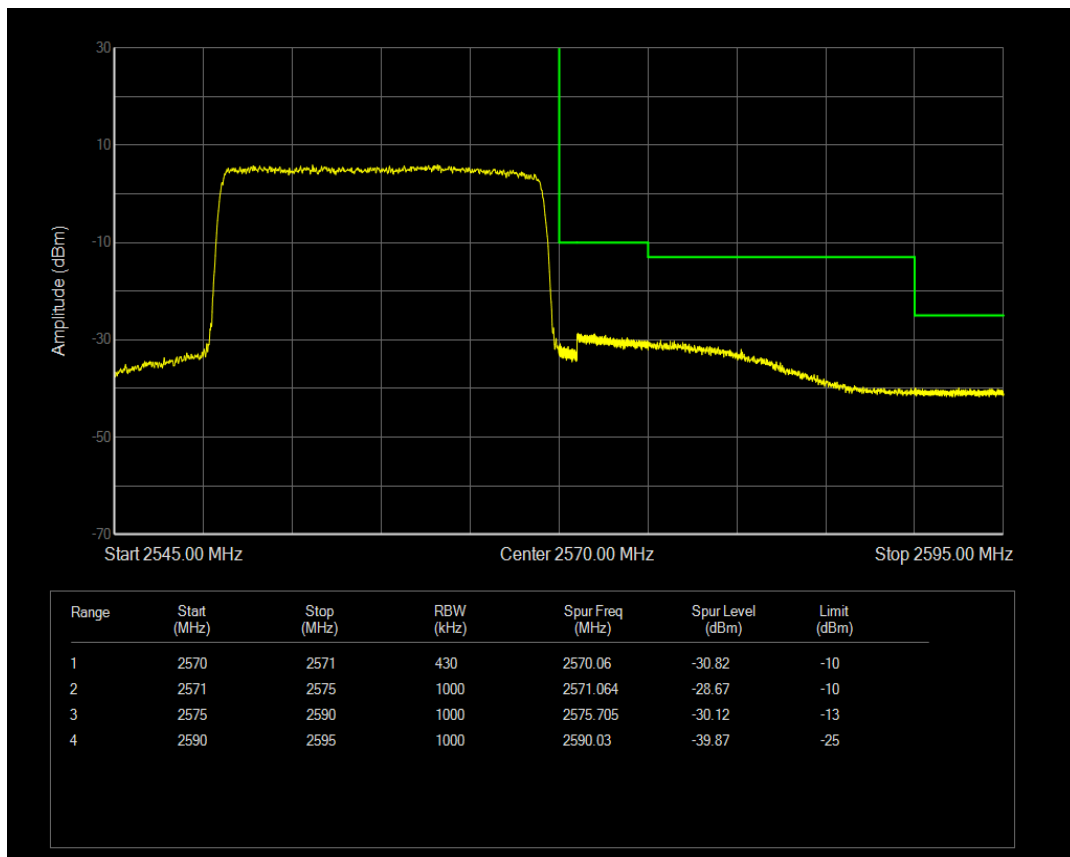
Band7 16QAM BW=20MHz Channel=20850 RB Size=100 Position=#0



Band7 QPSK BW=20MHz Channel=21350 RB Size=100 Position=#0



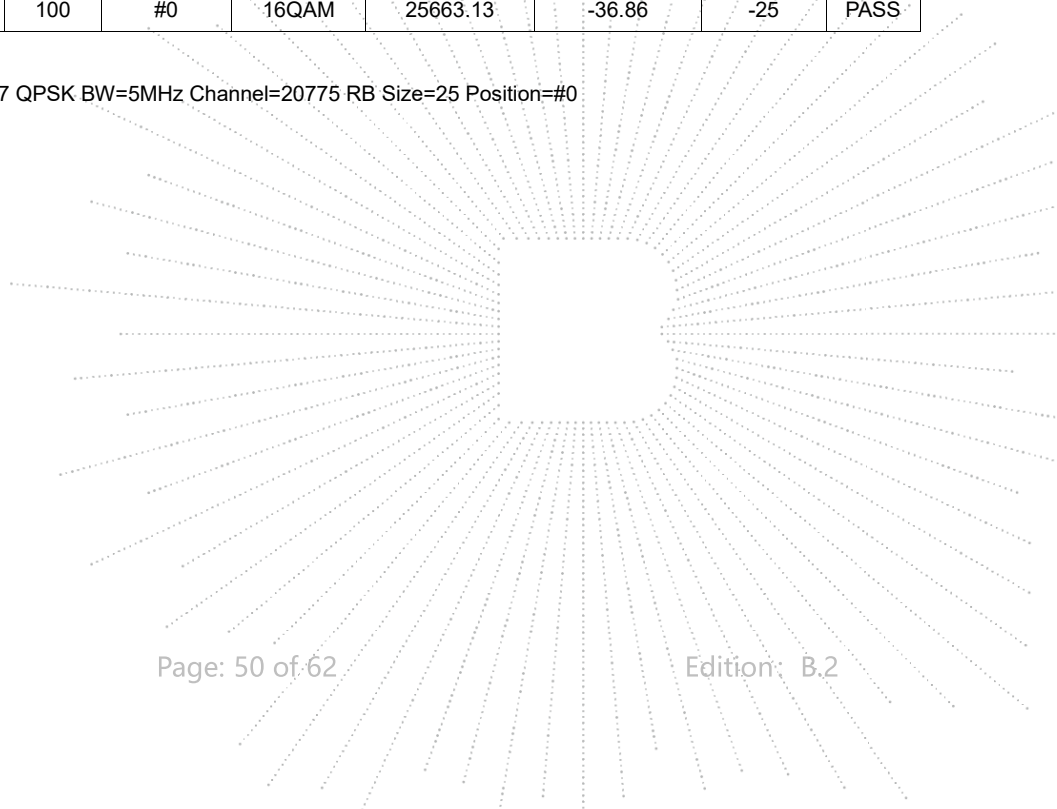
Band7 16QAM BW=20MHz Channel=21350 RB Size=100 Position=#0

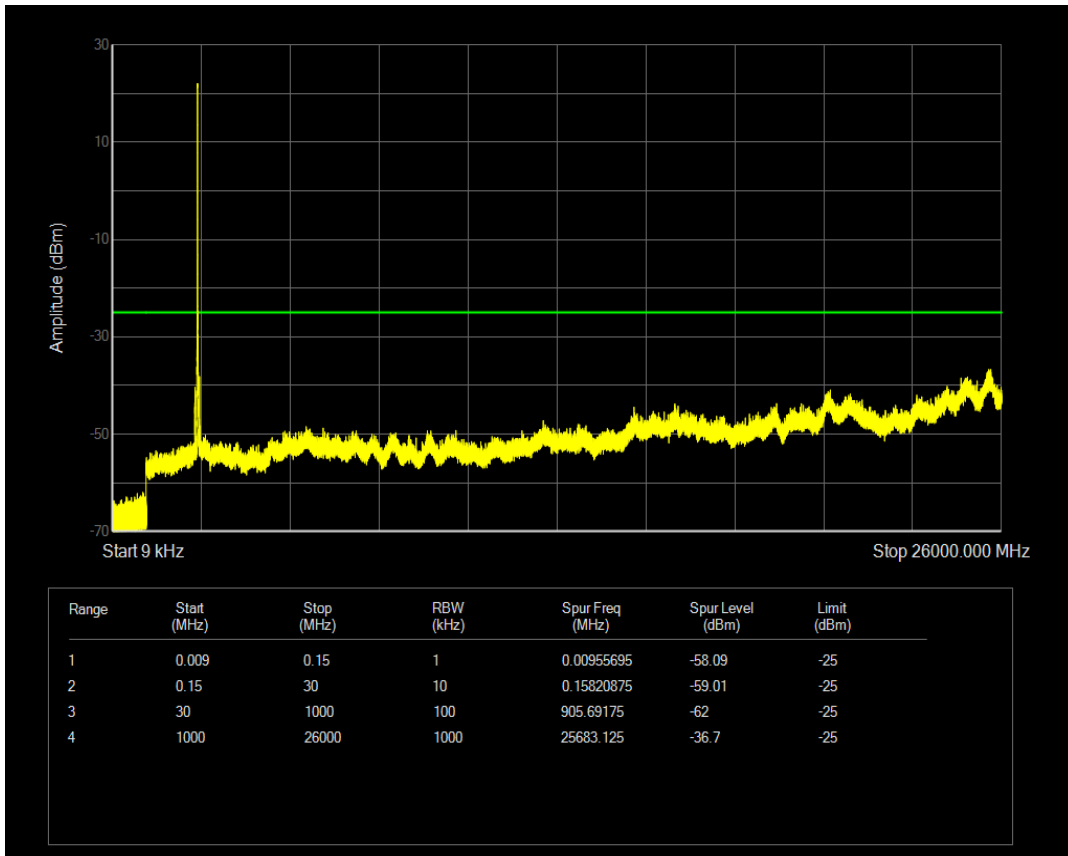


Appendix 6. Out-of-band emissions

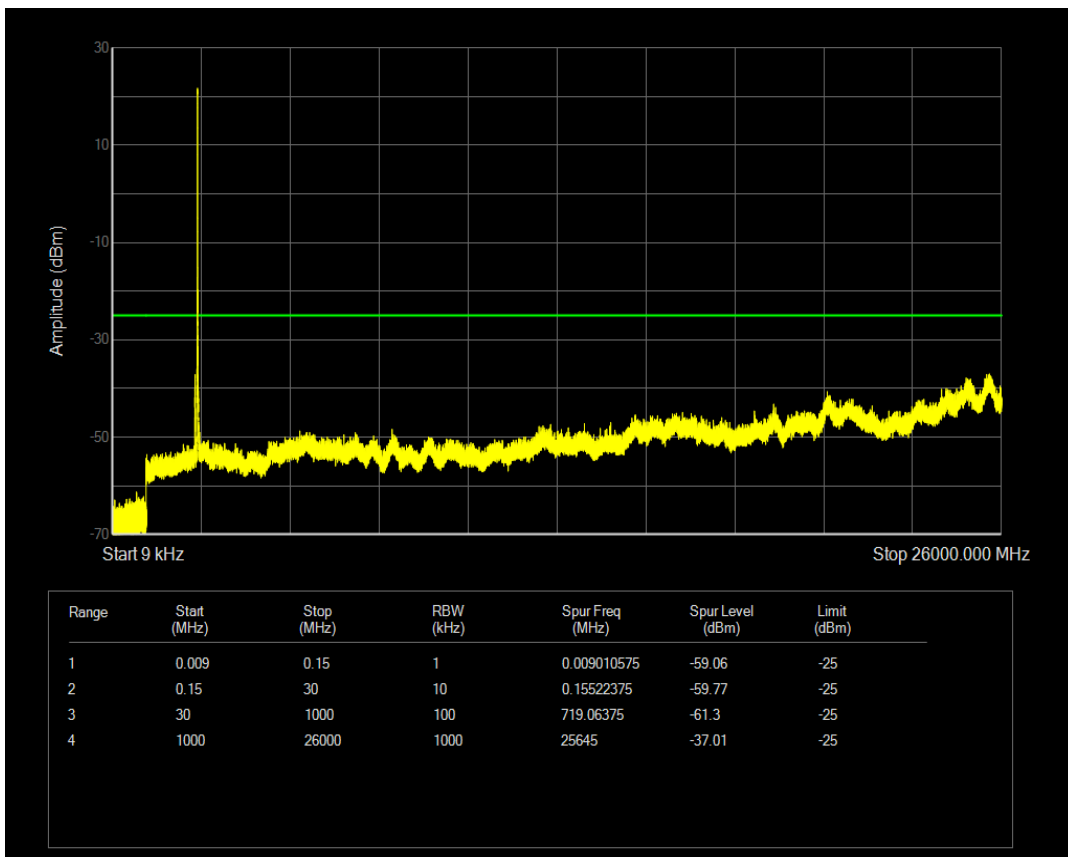
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band7	5	20775	25	#0	QPSK	25683.13	-36.70	-25	PASS
Band7	5	20775	25	#0	16QAM	25645.00	-37.01	-25	PASS
Band7	5	21100	25	#0	QPSK	25666.25	-36.79	-25	PASS
Band7	5	21100	25	#0	16QAM	25610.63	-36.59	-25	PASS
Band7	5	21425	25	#0	QPSK	2430.63	-35.96	-25	PASS
Band7	5	21425	25	#0	16QAM	25622.50	-37.23	-25	PASS
Band7	10	20800	50	#0	QPSK	25648.75	-36.87	-25	PASS
Band7	10	20800	50	#0	16QAM	25675.63	-36.12	-25	PASS
Band7	10	21100	50	#0	QPSK	25649.38	-36.61	-25	PASS
Band7	10	21100	50	#0	16QAM	25633.13	-36.53	-25	PASS
Band7	10	21400	50	#0	QPSK	25613.75	-36.30	-25	PASS
Band7	10	21400	50	#0	16QAM	25586.88	-36.74	-25	PASS
Band7	15	20825	75	#0	QPSK	25640.63	-36.50	-25	PASS
Band7	15	20825	75	#0	16QAM	25616.25	-36.89	-25	PASS
Band7	15	21100	75	#0	QPSK	25653.13	-36.40	-25	PASS
Band7	15	21100	75	#0	16QAM	25635.63	-37.15	-25	PASS
Band7	15	21375	75	#0	QPSK	2430.63	-36.07	-25	PASS
Band7	15	21375	75	#0	16QAM	25686.25	-36.07	-25	PASS
Band7	20	20850	100	#0	QPSK	25649.38	-36.97	-25	PASS
Band7	20	20850	100	#0	16QAM	24967.50	-36.50	-25	PASS
Band7	20	21100	100	#0	QPSK	25663.75	-36.54	-25	PASS
Band7	20	21100	100	#0	16QAM	25600.63	-36.01	-25	PASS
Band7	20	21350	100	#0	QPSK	25006.25	-37.08	-25	PASS
Band7	20	21350	100	#0	16QAM	25663.13	-36.86	-25	PASS

Band7 QPSK BW=5MHz Channel=20775 RB Size=25 Position=#0

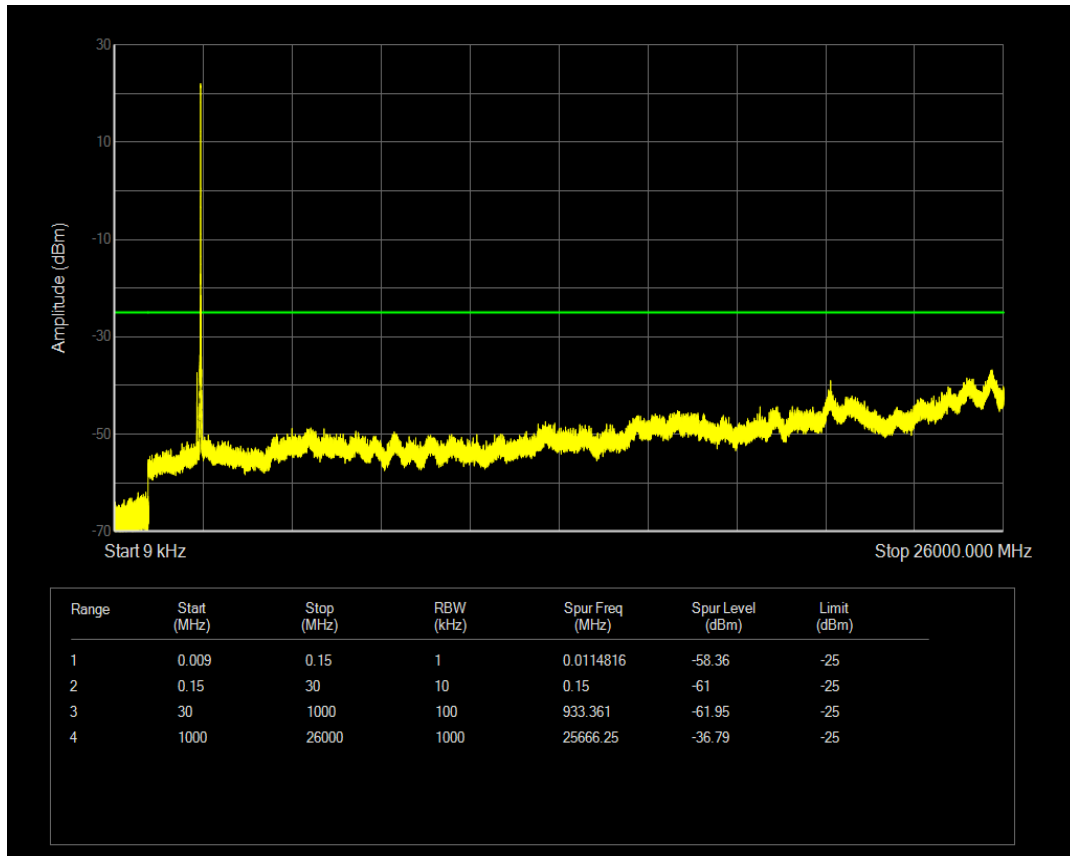




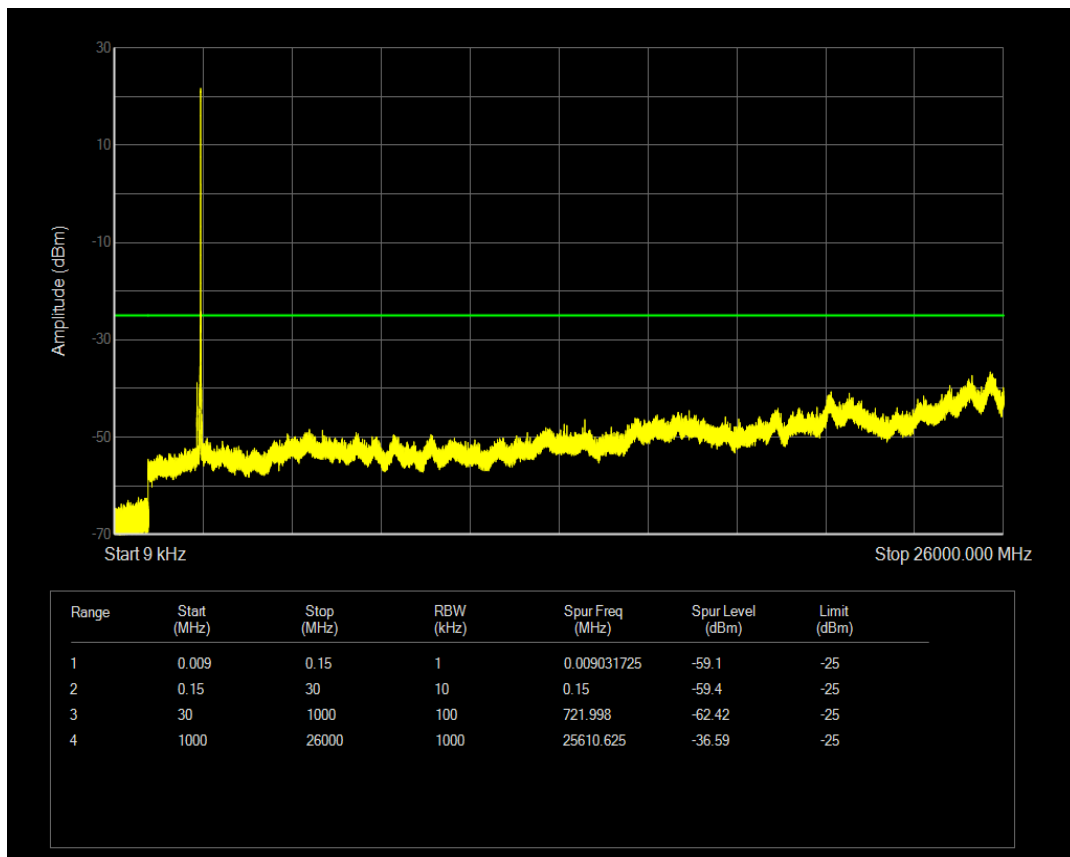
Band7 16QAM BW=5MHz Channel=20775 RB Size=25 Position=#0



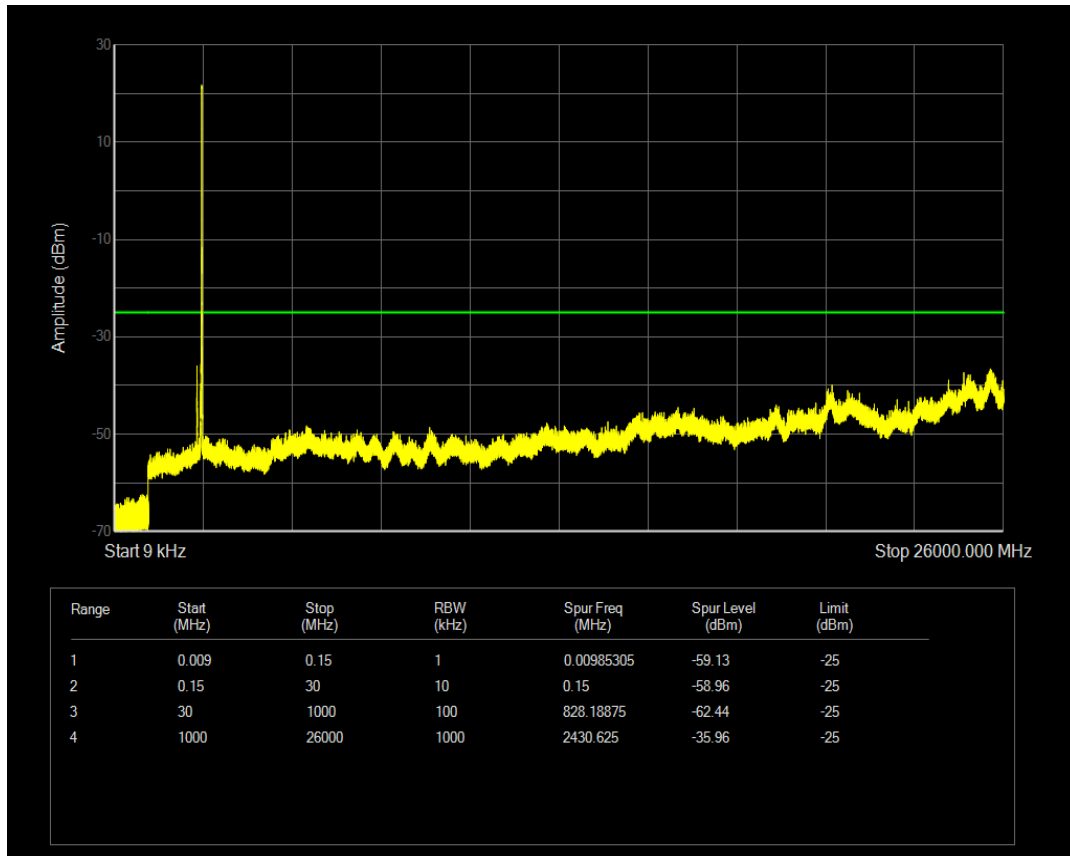
Band7 QPSK BW=5MHz Channel=21100 RB Size=25 Position=#0



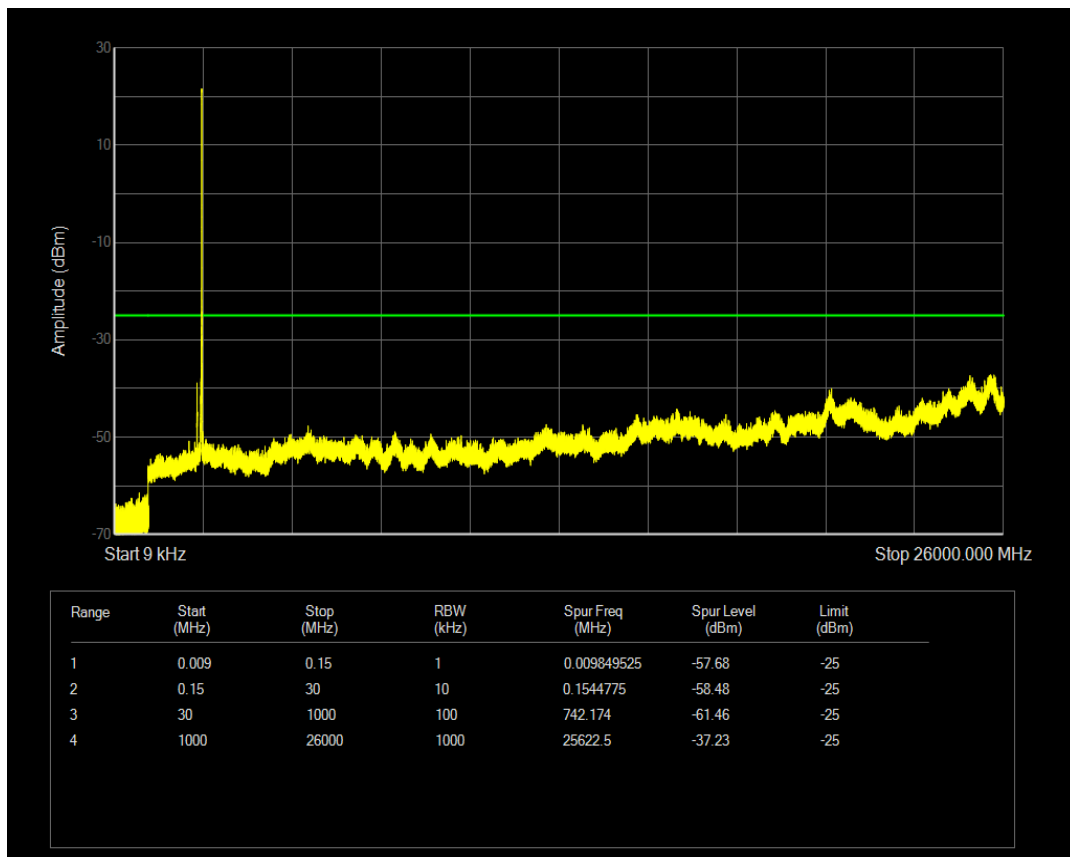
Band7 16QAM BW=5MHz Channel=21100 RB Size=25 Position=#0



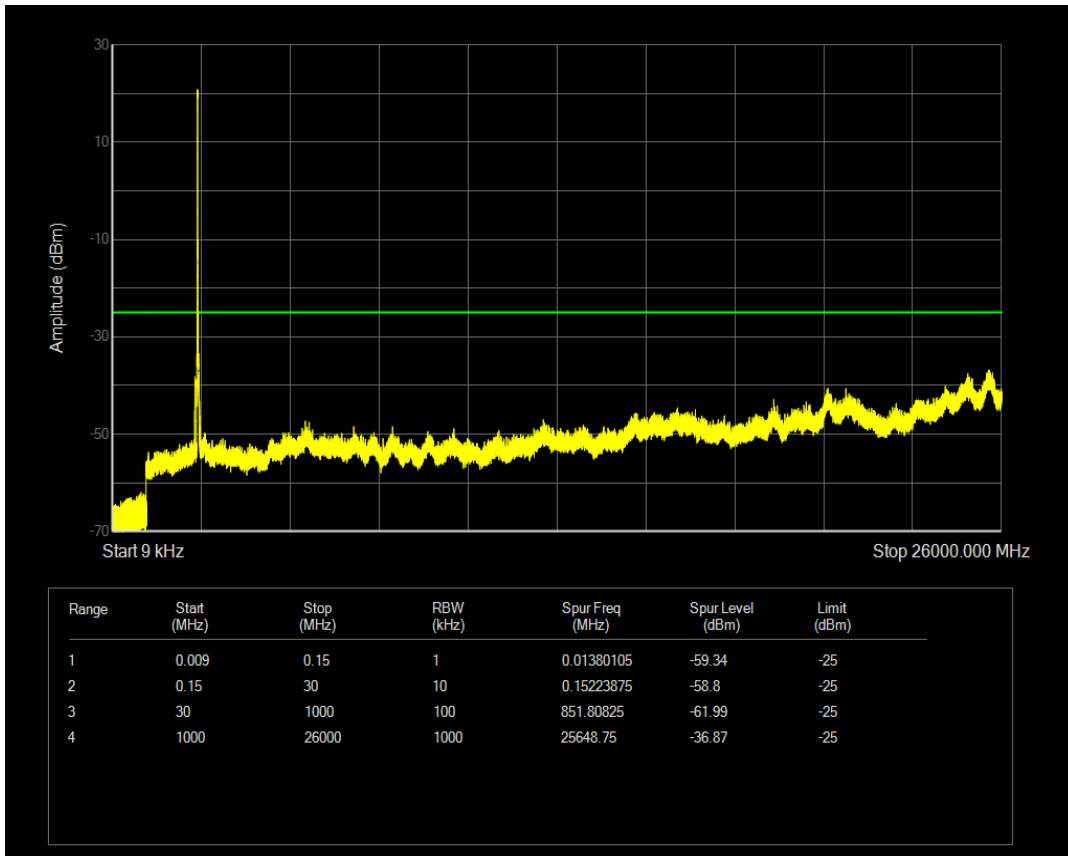
Band7 QPSK BW=5MHz Channel=21425 RB Size=25 Position=#0



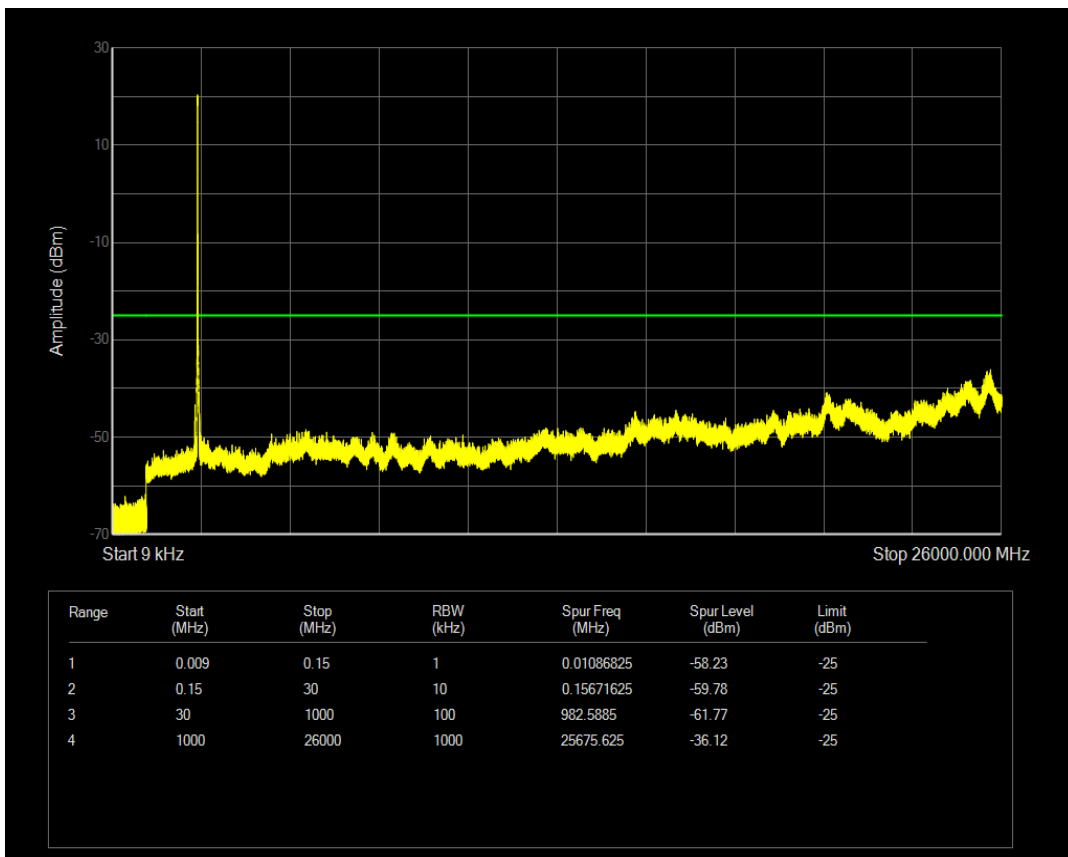
Band7 16QAM BW=5MHz Channel=21425 RB Size=25 Position=#0



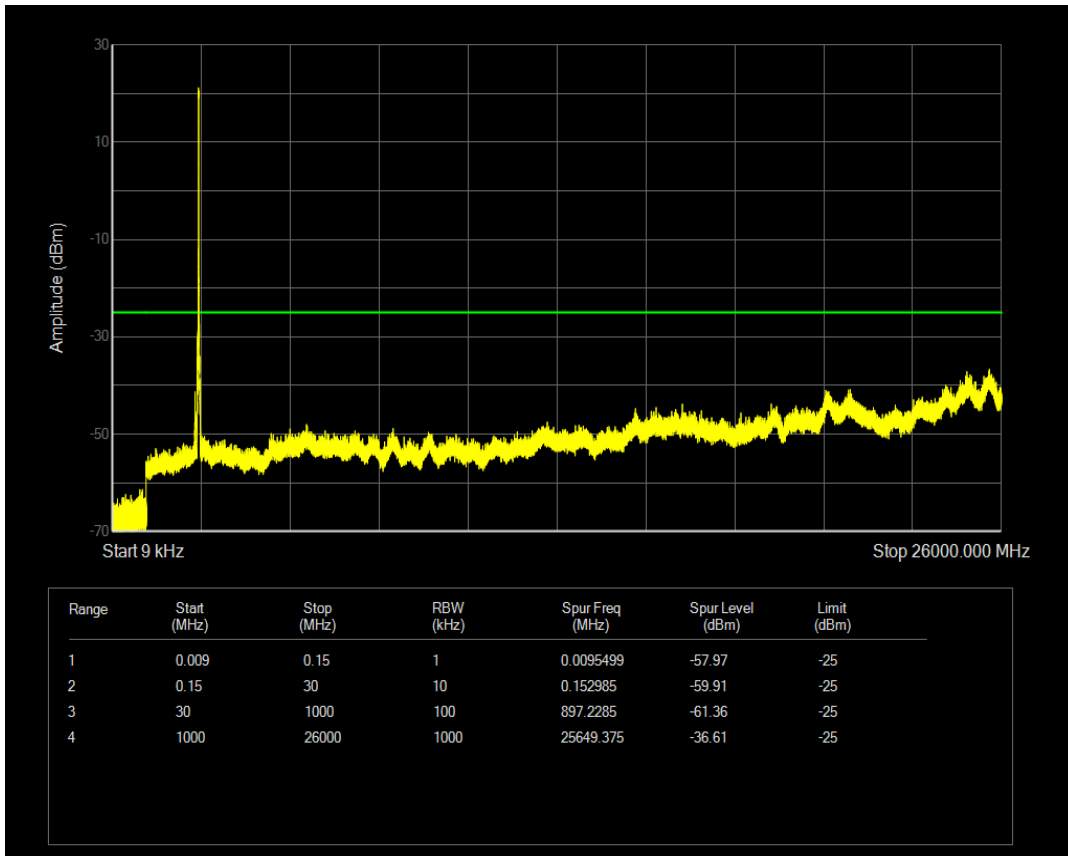
Band7 QPSK BW=10MHz Channel=20800 RB Size=50 Position=#0



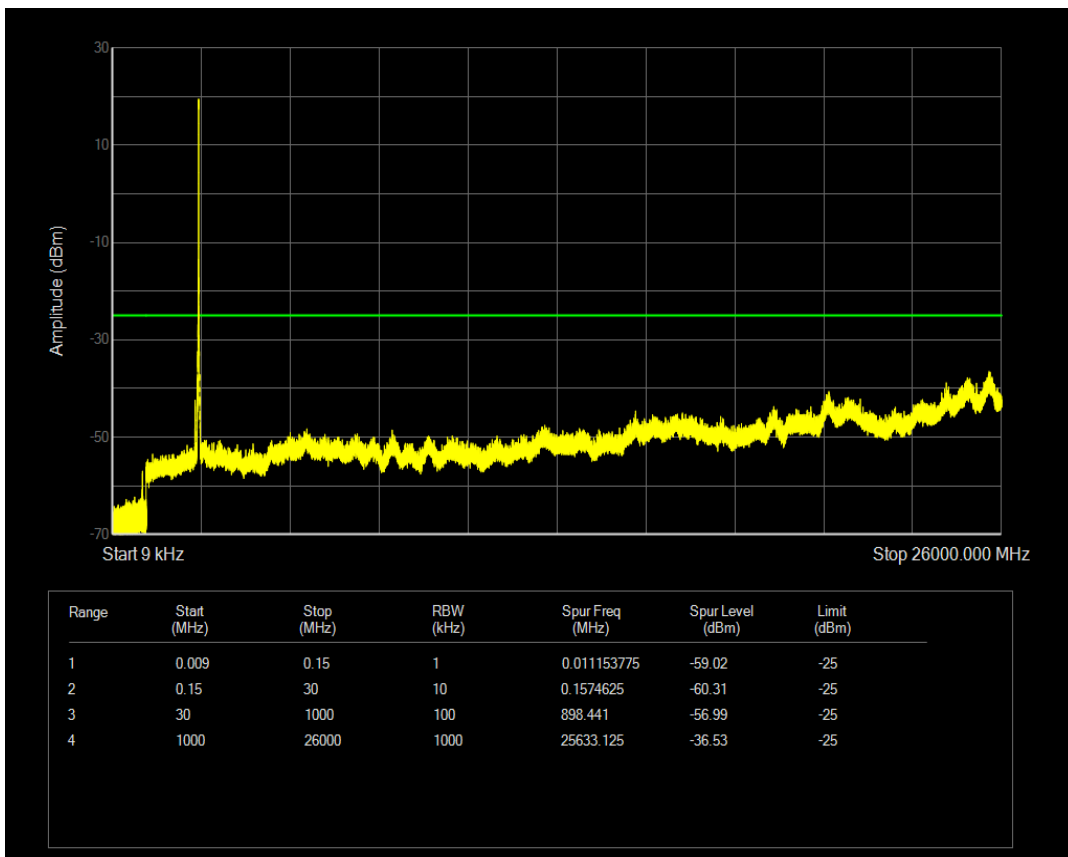
Band7 16QAM BW=10MHz Channel=20800 RB Size=50 Position=#0



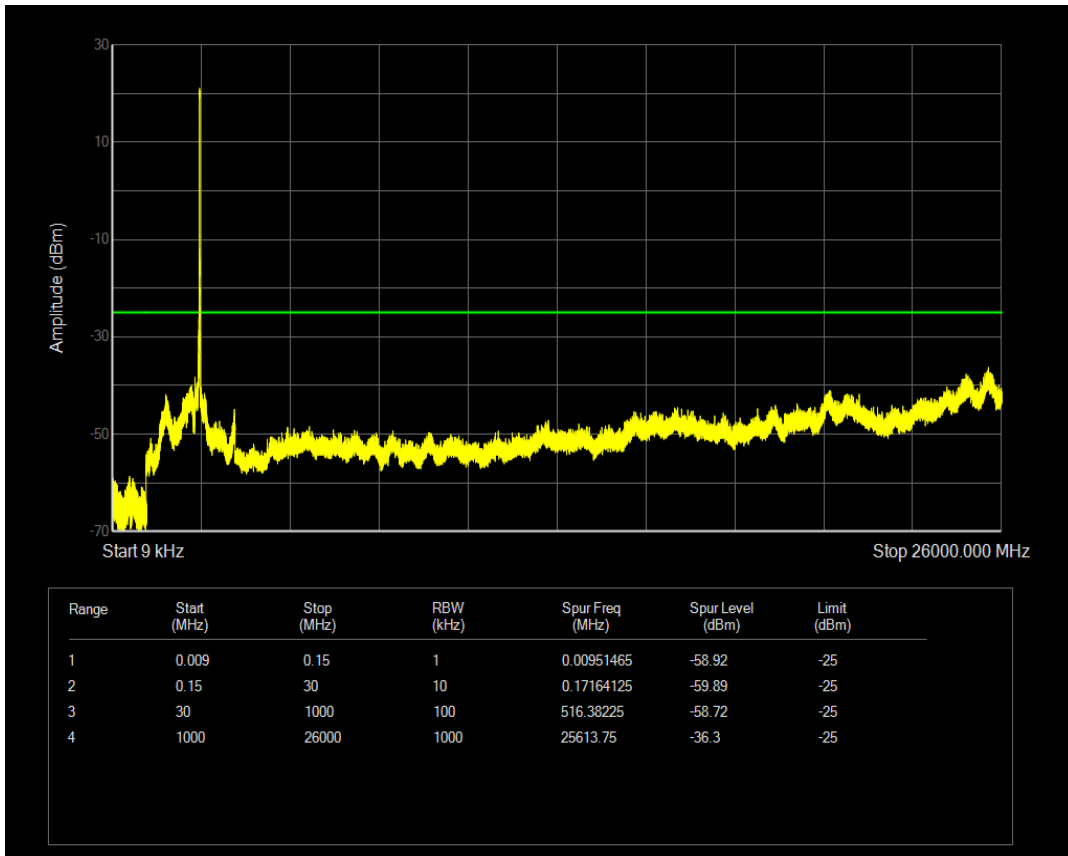
Band7 QPSK BW=10MHz Channel=21100 RB Size=50 Position=#0



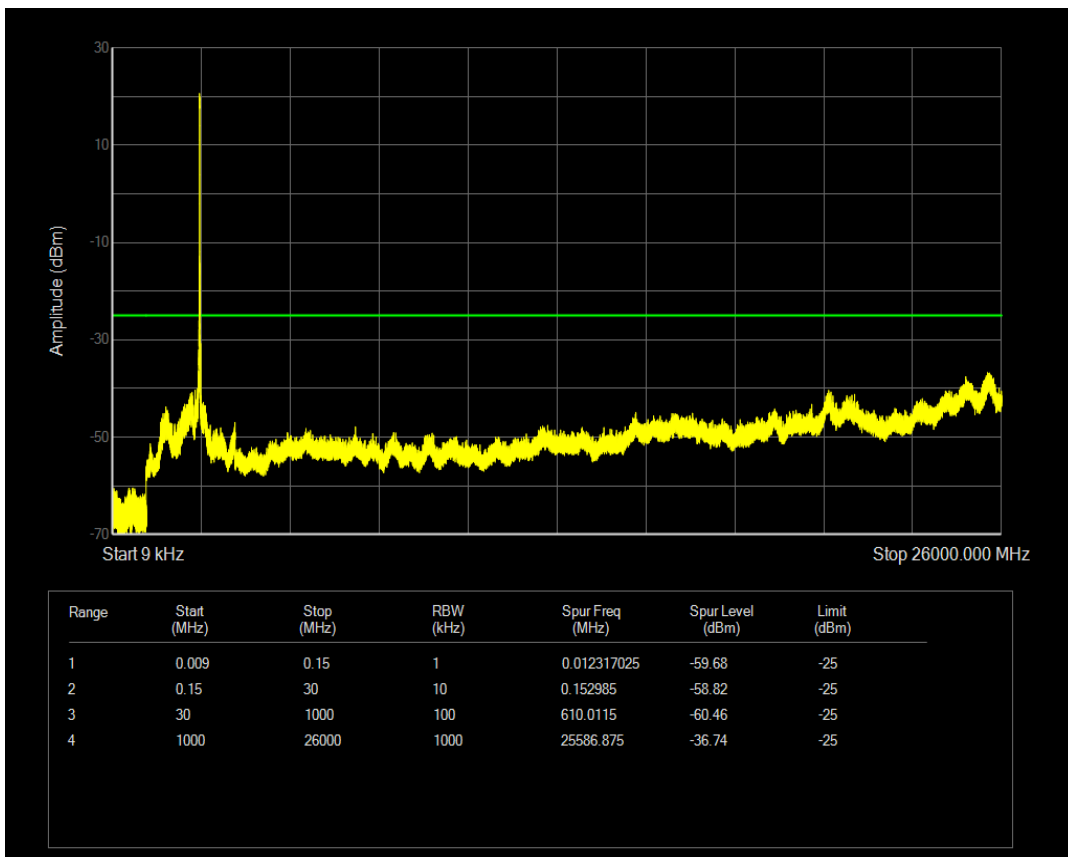
Band7 16QAM BW=10MHz Channel=21100 RB Size=50 Position=#0



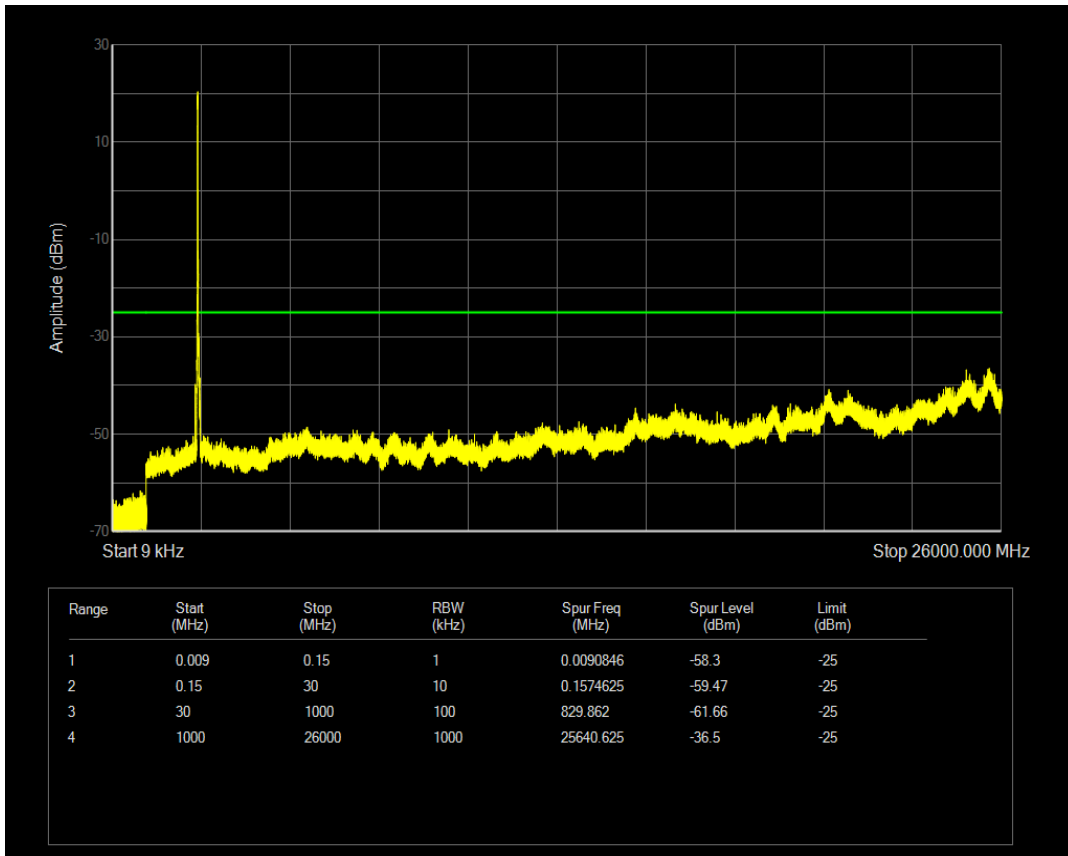
Band7 QPSK BW=10MHz Channel=21400 RB Size=50 Position=#0



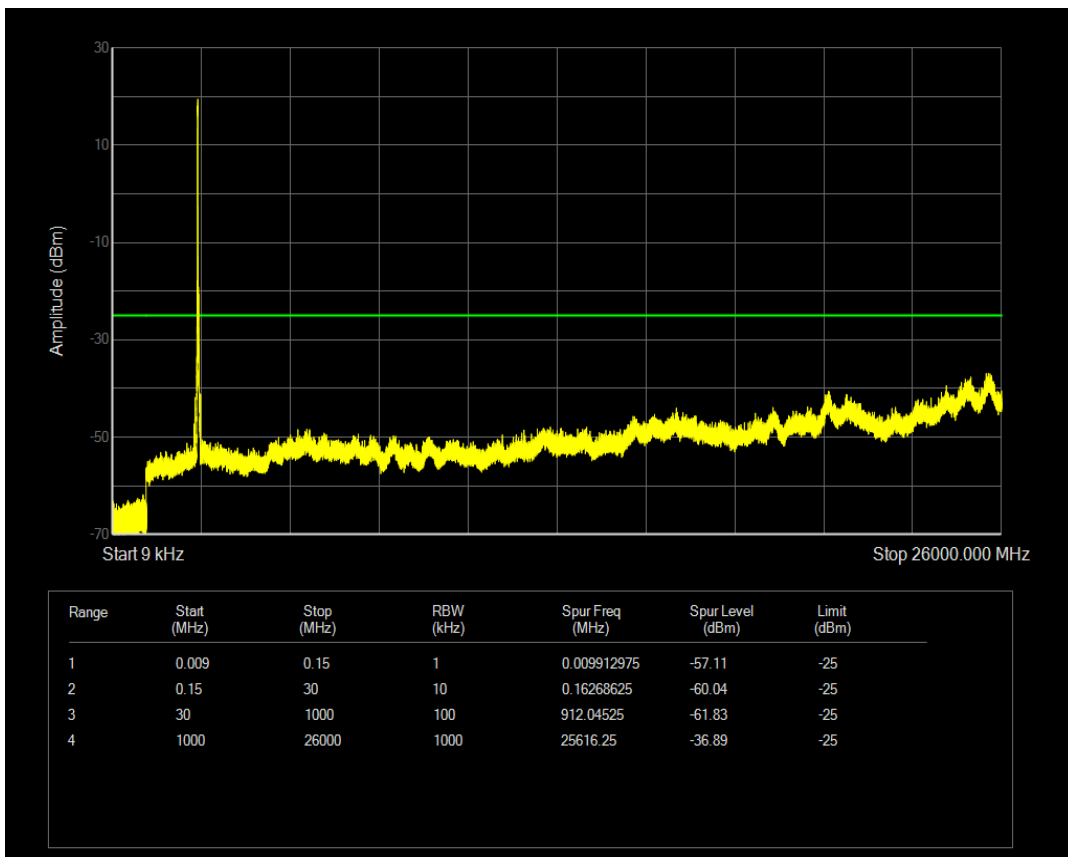
Band7 16QAM BW=10MHz Channel=21400 RB Size=50 Position=#0



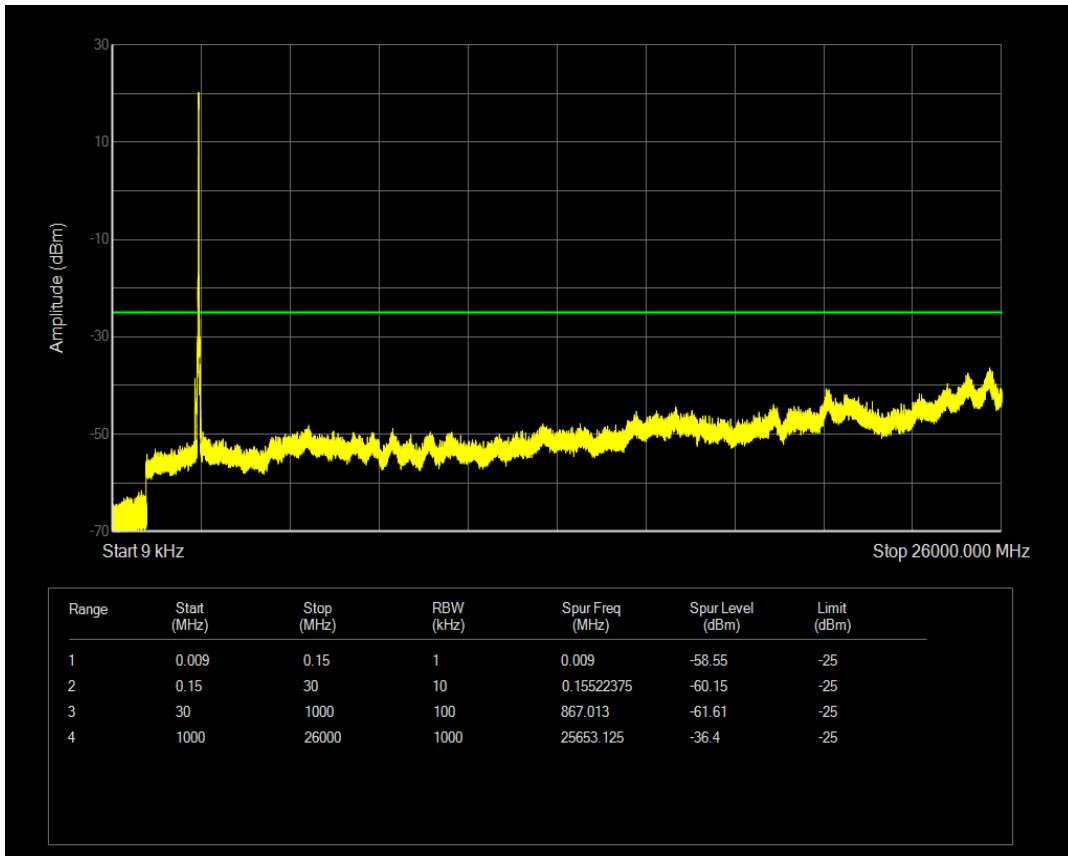
Band7 QPSK BW=15MHz Channel=20825 RB Size=75 Position=#0



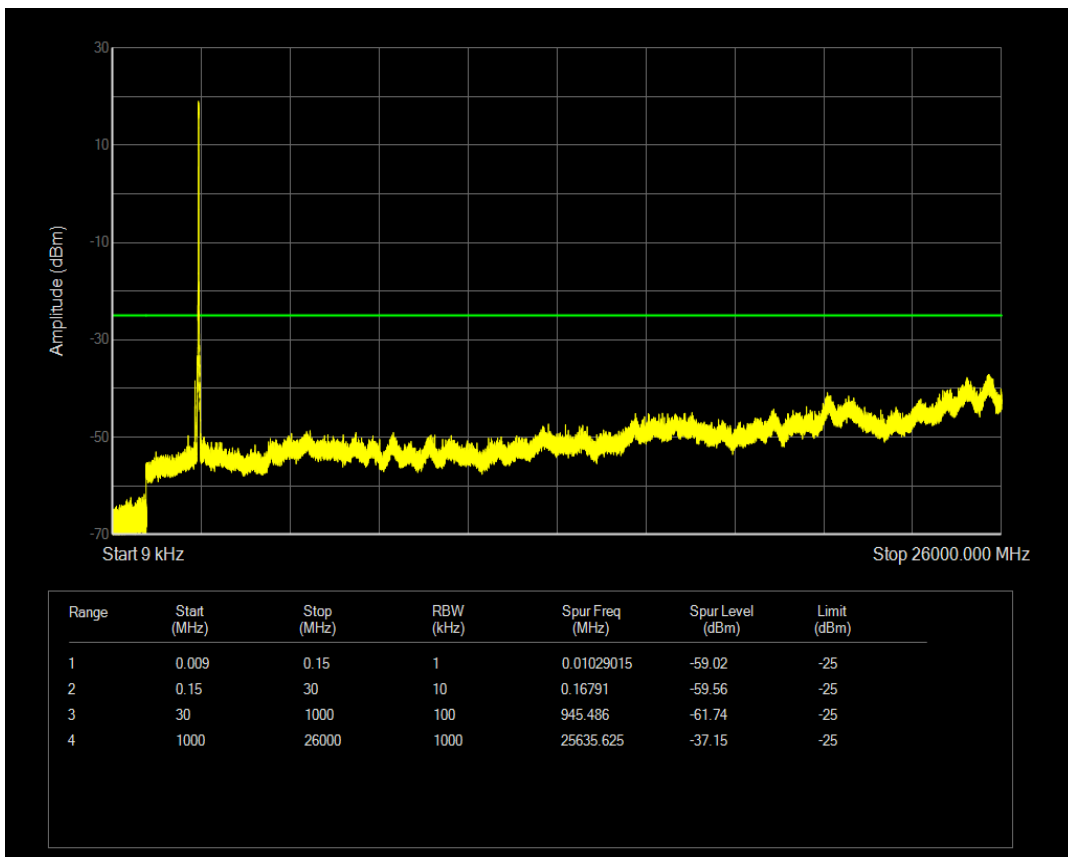
Band7 16QAM BW=15MHz Channel=20825 RB Size=75 Position=#0



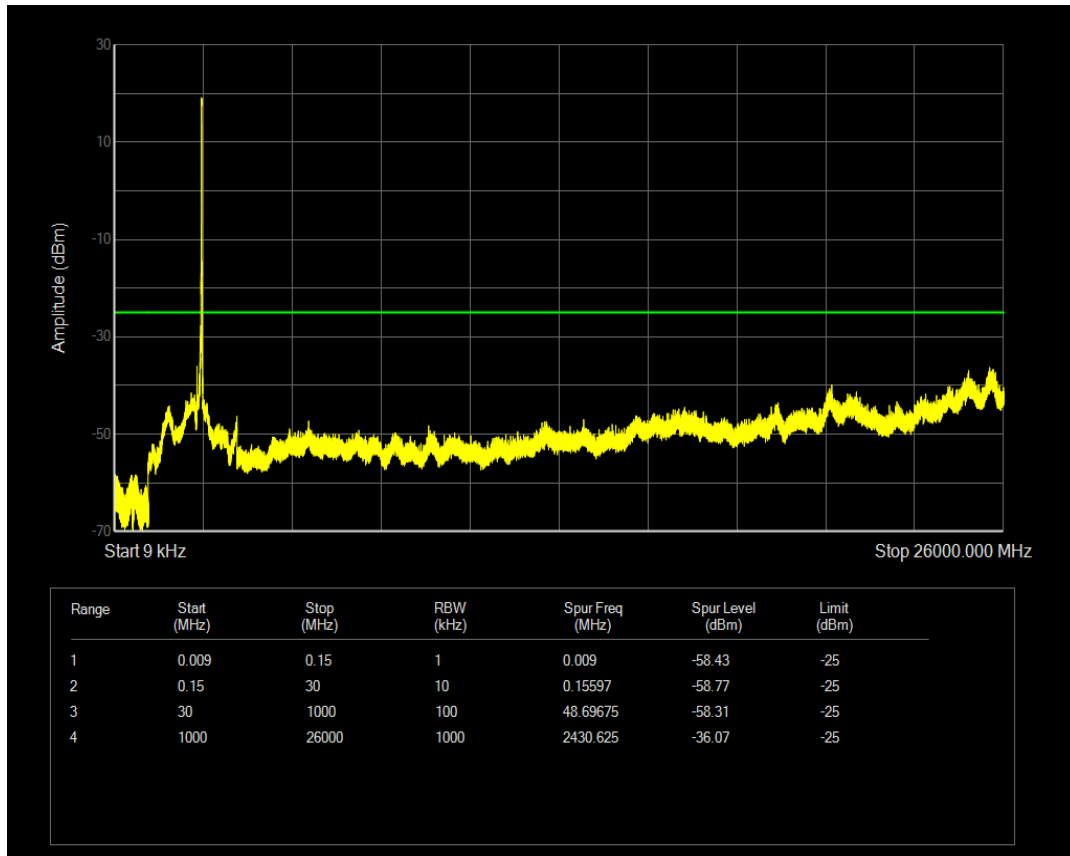
Band7 QPSK BW=15MHz Channel=21100 RB Size=75 Position=#0



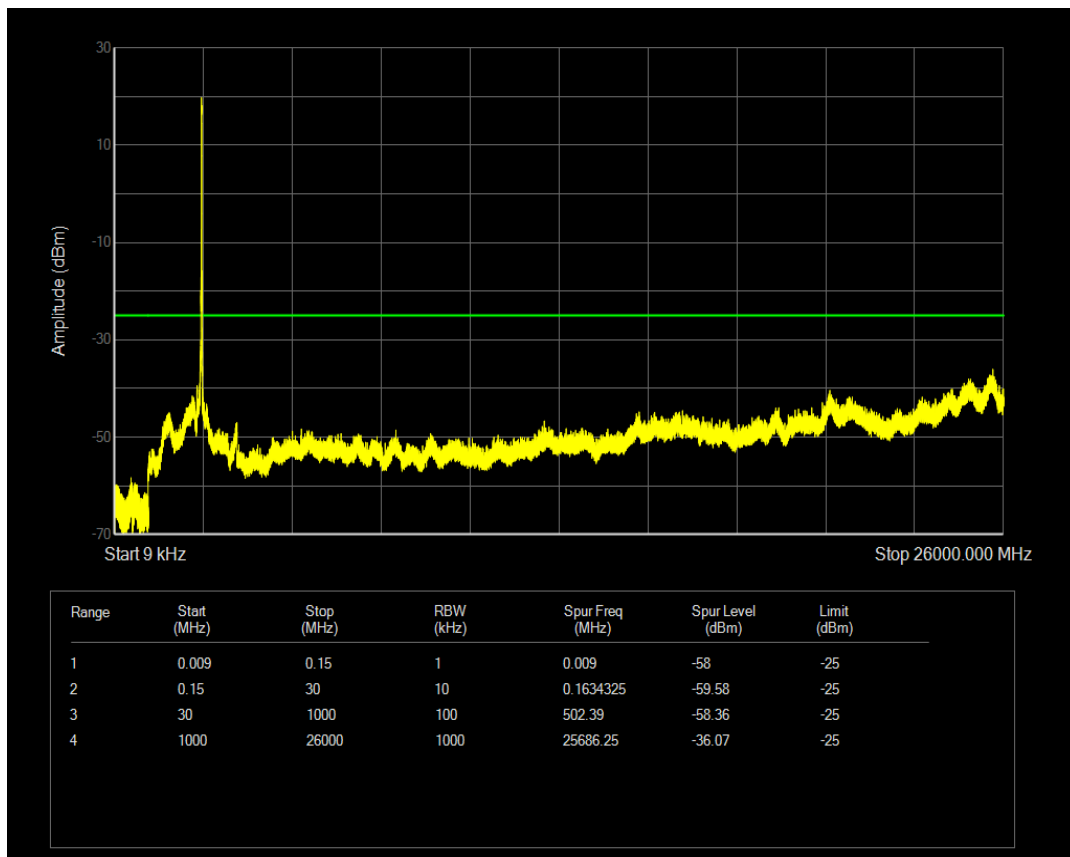
Band7 16QAM BW=15MHz Channel=21100 RB Size=75 Position=#0



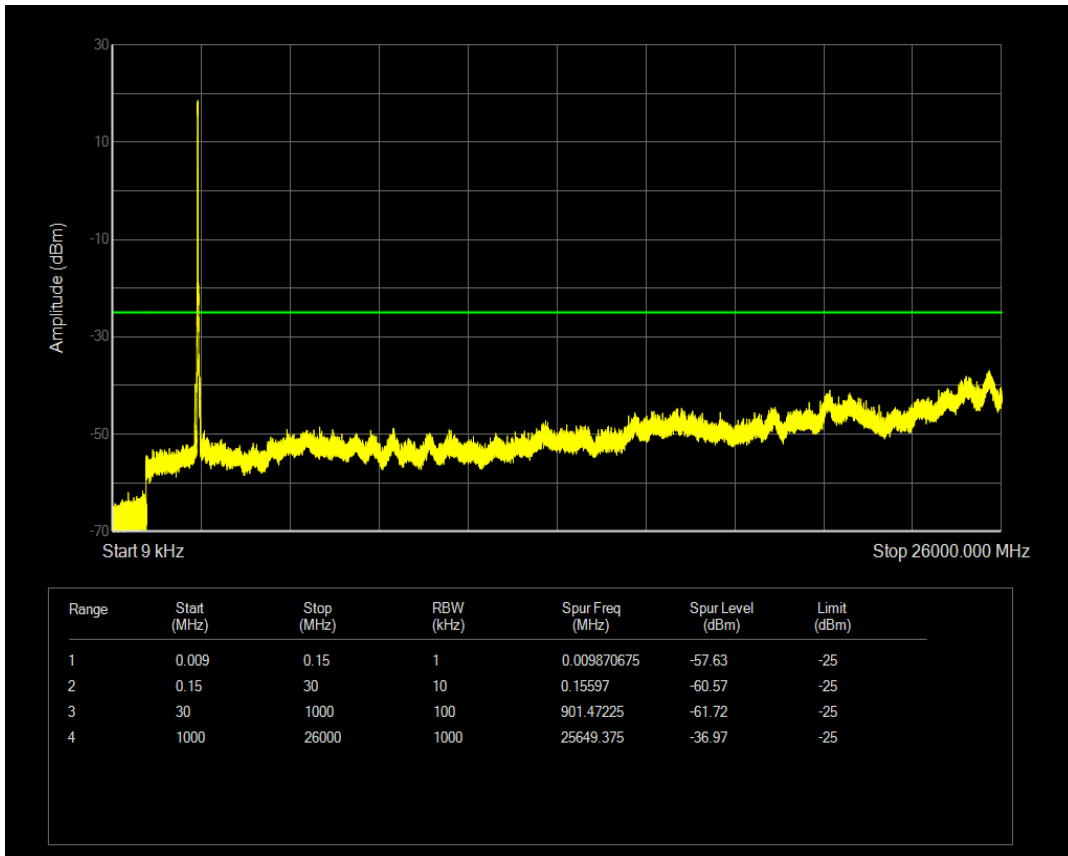
Band7 QPSK BW=15MHz Channel=21375 RB Size=75 Position=#0



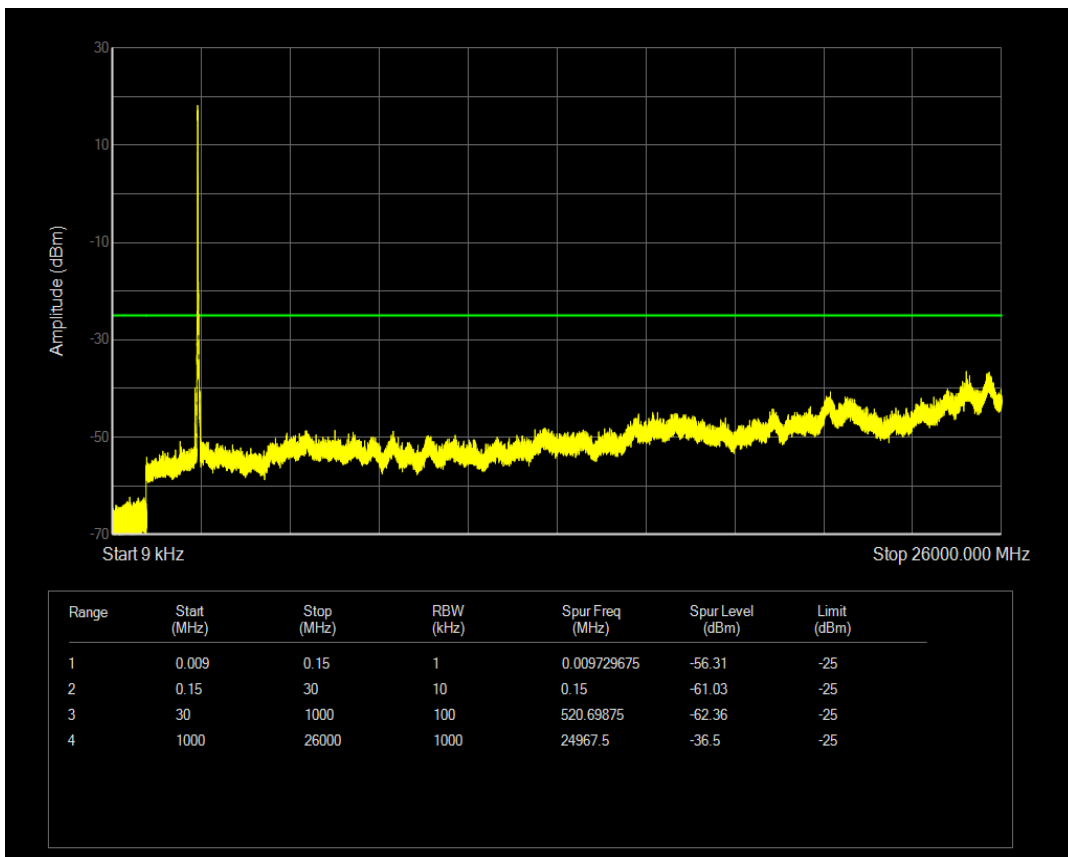
Band7 16QAM BW=15MHz Channel=21375 RB Size=75 Position=#0



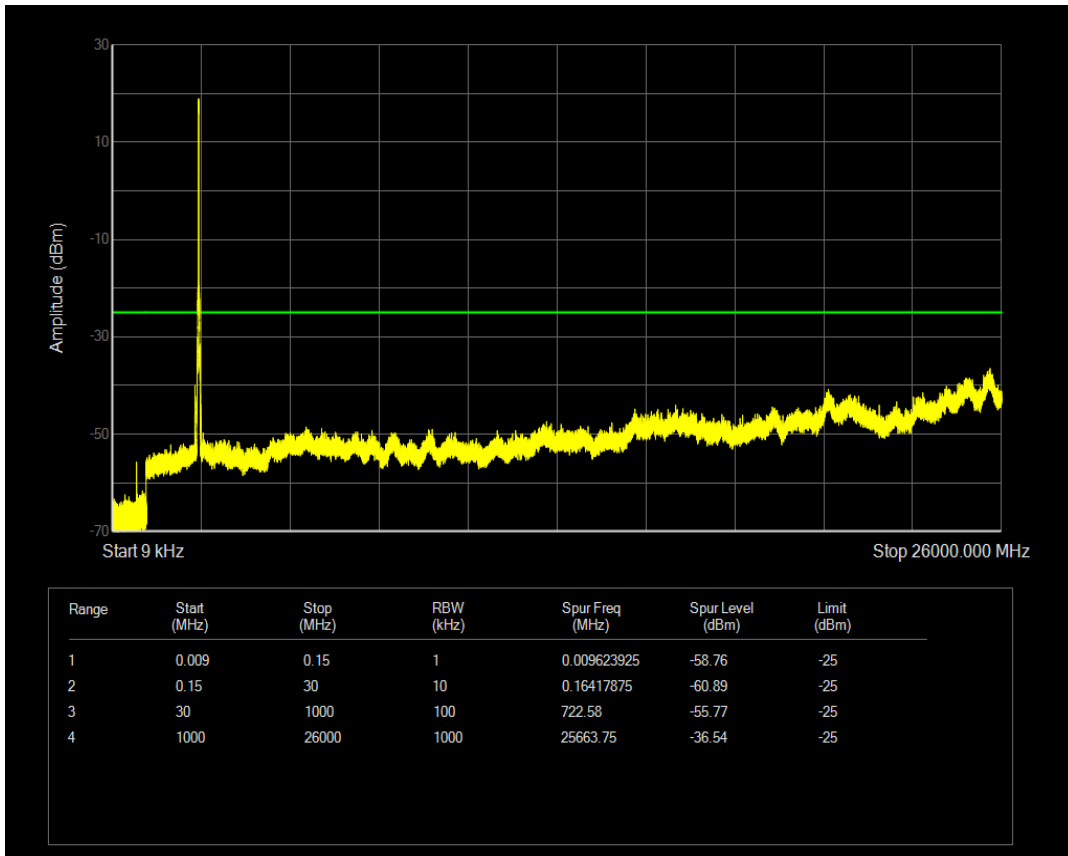
Band7 QPSK BW=20MHz Channel=20850 RB Size=100 Position=#0



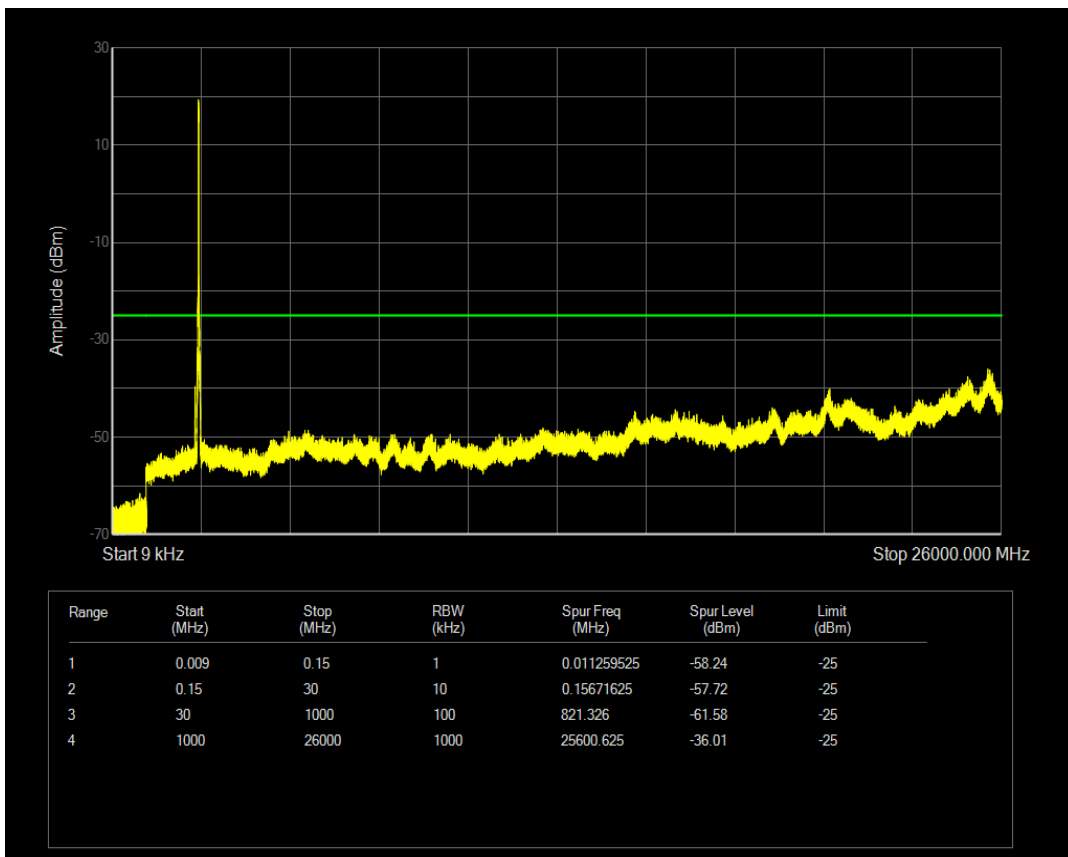
Band7 16QAM BW=20MHz Channel=20850 RB Size=100 Position=#0



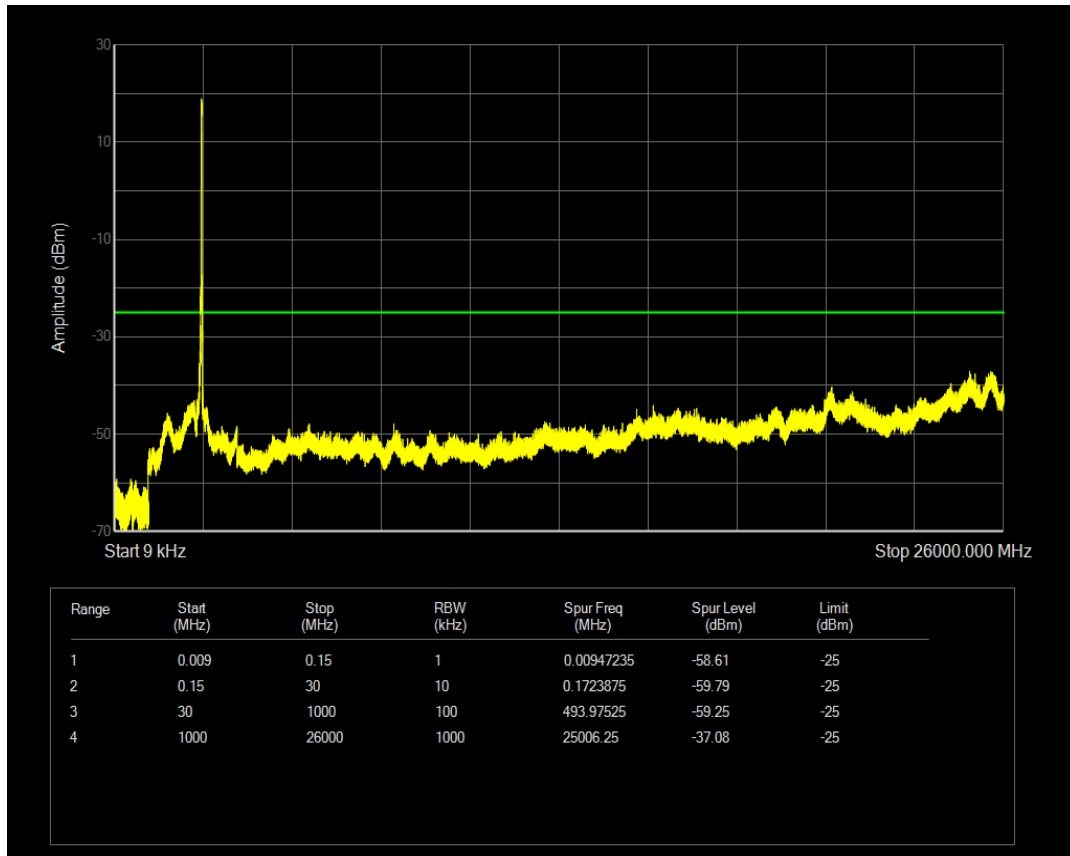
Band7 QPSK BW=20MHz Channel=21100 RB Size=100 Position=#0



Band7 16QAM BW=20MHz Channel=21100 RB Size=100 Position=#0



Band7 QPSK BW=20MHz Channel=21350 RB Size=100 Position=#0



Band7 16QAM BW=20MHz Channel=21350 RB Size=100 Position=#0

