

Appendix for Band 7

Report No.: BCTC2411367165-2E

Applicant: SEEWORLD Technology Co.,Ltd

Product Name: Gps Tracker

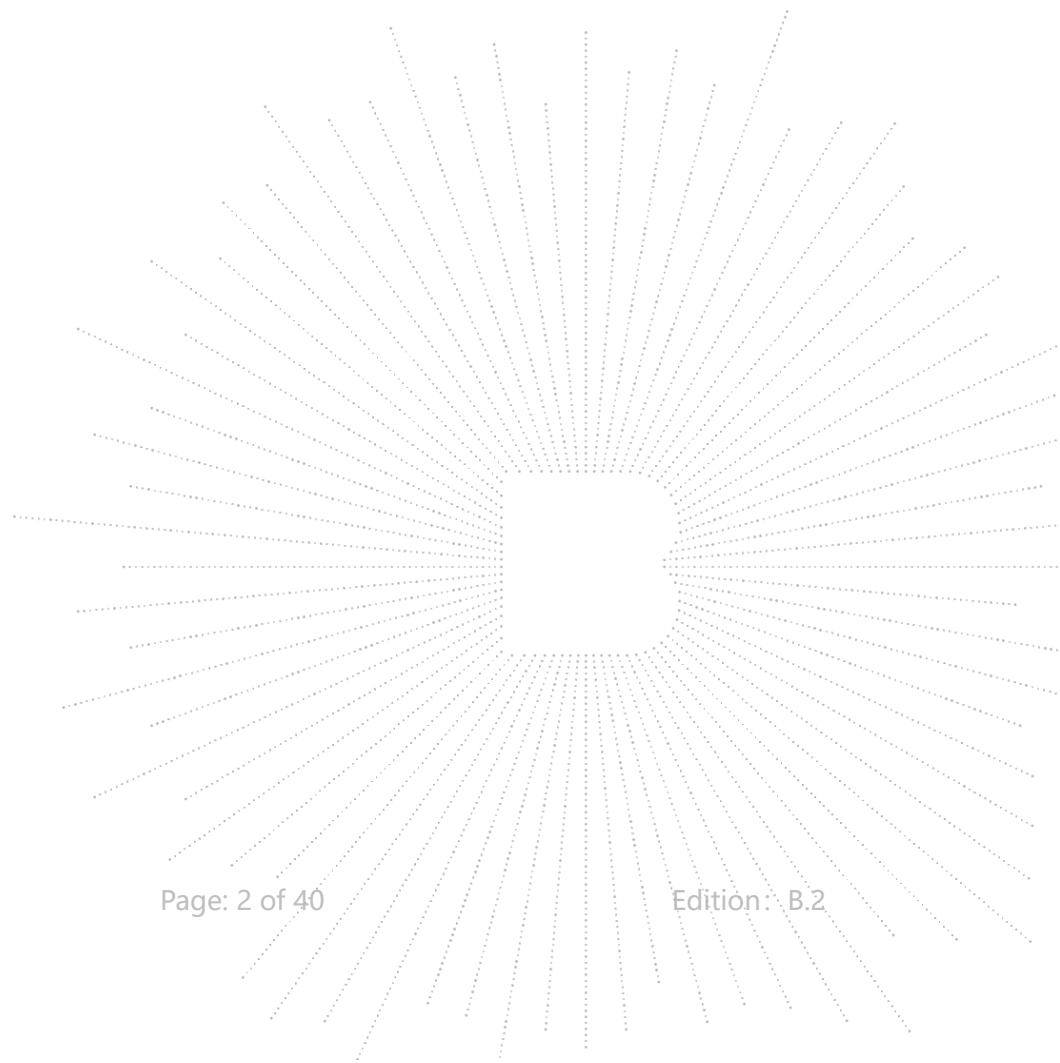
Test Model: G21L

Tested Date: 2024-11-20 to 2024-12-18

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	16.90	0.25	17.15	PASS
Band7	5	20775	1	#Mid	QPSK	17.43	0.25	17.68	PASS
Band7	5	20775	1	#Max	QPSK	18.14	0.25	18.39	PASS
Band7	5	20775	12	#0	QPSK	16.12	0.25	16.37	PASS
Band7	5	20775	12	#Mid	QPSK	16.43	0.25	16.68	PASS
Band7	5	20775	12	#Max	QPSK	16.80	0.25	17.05	PASS
Band7	5	20775	25	#0	QPSK	16.45	0.25	16.70	PASS
Band7	5	20775	1	#0	16QAM	16.29	0.25	16.54	PASS
Band7	5	20775	1	#Mid	16QAM	16.91	0.25	17.16	PASS
Band7	5	20775	1	#Max	16QAM	17.58	0.25	17.83	PASS
Band7	5	20775	12	#0	16QAM	14.89	0.25	15.14	PASS
Band7	5	20775	12	#Mid	16QAM	15.30	0.25	15.55	PASS
Band7	5	20775	12	#Max	16QAM	15.64	0.25	15.89	PASS
Band7	5	20775	25	#0	16QAM	15.31	0.25	15.56	PASS
Band7	5	21100	1	#0	QPSK	17.20	0.25	17.45	PASS
Band7	5	21100	1	#Mid	QPSK	16.97	0.25	17.22	PASS
Band7	5	21100	1	#Max	QPSK	16.86	0.25	17.11	PASS
Band7	5	21100	12	#0	QPSK	16.05	0.25	16.30	PASS
Band7	5	21100	12	#Mid	QPSK	16.05	0.25	16.30	PASS
Band7	5	21100	12	#Max	QPSK	15.94	0.25	16.19	PASS
Band7	5	21100	25	#0	QPSK	16.08	0.25	16.33	PASS
Band7	5	21100	1	#0	16QAM	16.57	0.25	16.82	PASS
Band7	5	21100	1	#Mid	16QAM	16.32	0.25	16.57	PASS
Band7	5	21100	1	#Max	16QAM	16.26	0.25	16.51	PASS
Band7	5	21100	12	#0	16QAM	15.08	0.25	15.33	PASS
Band7	5	21100	12	#Mid	16QAM	15.09	0.25	15.34	PASS
Band7	5	21100	12	#Max	16QAM	14.91	0.25	15.16	PASS
Band7	5	21100	25	#0	16QAM	15.13	0.25	15.38	PASS
Band7	5	21425	1	#0	QPSK	17.26	0.25	17.51	PASS
Band7	5	21425	1	#Mid	QPSK	16.44	0.25	16.69	PASS
Band7	5	21425	1	#Max	QPSK	16.12	0.25	16.37	PASS
Band7	5	21425	12	#0	QPSK	16.00	0.25	16.25	PASS
Band7	5	21425	12	#Mid	QPSK	15.77	0.25	16.02	PASS
Band7	5	21425	12	#Max	QPSK	15.37	0.25	15.62	PASS
Band7	5	21425	25	#0	QPSK	15.74	0.25	15.99	PASS
Band7	5	21425	1	#0	16QAM	16.73	0.25	16.98	PASS

Band7	5	21425	1	#Mid	16QAM	16.00	0.25	16.25	PASS
Band7	5	21425	1	#Max	16QAM	15.48	0.25	15.73	PASS
Band7	5	21425	12	#0	16QAM	15.16	0.25	15.41	PASS
Band7	5	21425	12	#Mid	16QAM	14.93	0.25	15.18	PASS
Band7	5	21425	12	#Max	16QAM	14.47	0.25	14.72	PASS
Band7	5	21425	25	#0	16QAM	14.88	0.25	15.13	PASS
Band7	10	20800	1	#0	QPSK	16.92	0.25	17.17	PASS
Band7	10	20800	1	#Mid	QPSK	18.06	0.25	18.31	PASS
Band7	10	20800	1	#Max	QPSK	19.02	0.25	19.27	PASS
Band7	10	20800	25	#0	QPSK	16.42	0.25	16.67	PASS
Band7	10	20800	25	#Mid	QPSK	17.15	0.25	17.40	PASS
Band7	10	20800	25	#Max	QPSK	17.62	0.25	17.87	PASS
Band7	10	20800	50	#0	QPSK	17.06	0.25	17.31	PASS
Band7	10	21100	1	#0	QPSK	17.53	0.25	17.78	PASS
Band7	10	21100	1	#Mid	QPSK	16.86	0.25	17.11	PASS
Band7	10	21100	1	#Max	QPSK	16.71	0.25	16.96	PASS
Band7	10	21100	25	#0	QPSK	16.05	0.25	16.30	PASS
Band7	10	21100	25	#Mid	QPSK	15.97	0.25	16.22	PASS
Band7	10	21100	25	#Max	QPSK	15.69	0.25	15.94	PASS
Band7	10	21100	50	#0	QPSK	15.96	0.25	16.21	PASS
Band7	10	21400	1	#0	QPSK	18.25	0.25	18.50	PASS
Band7	10	21400	1	#Mid	QPSK	17.26	0.25	17.51	PASS
Band7	10	21400	1	#Max	QPSK	16.22	0.25	16.47	PASS
Band7	10	21400	25	#0	QPSK	16.86	0.25	17.11	PASS
Band7	10	21400	25	#Mid	QPSK	16.42	0.25	16.67	PASS
Band7	10	21400	25	#Max	QPSK	15.65	0.25	15.90	PASS
Band7	10	21400	50	#0	QPSK	16.41	0.25	16.66	PASS
Band7	15	20825	1	#0	QPSK	16.89	0.25	17.14	PASS
Band7	15	20825	1	#Mid	QPSK	18.87	0.25	19.12	PASS
Band7	15	20825	1	#Max	QPSK	19.69	0.25	19.94	PASS
Band7	15	20825	36	#0	QPSK	16.86	0.25	17.11	PASS
Band7	15	20825	36	#Mid	QPSK	17.82	0.25	18.07	PASS
Band7	15	20825	36	#Max	QPSK	18.31	0.25	18.56	PASS
Band7	15	20825	75	#0	QPSK	18.43	0.25	18.68	PASS
Band7	15	21100	1	#0	QPSK	18.51	0.25	18.76	PASS
Band7	15	21100	1	#Mid	QPSK	17.36	0.25	17.61	PASS
Band7	15	21100	1	#Max	QPSK	16.93	0.25	17.18	PASS
Band7	15	21100	36	#0	QPSK	16.64	0.25	16.89	PASS
Band7	15	21100	36	#Mid	QPSK	16.31	0.25	16.56	PASS
Band7	15	21100	36	#Max	QPSK	16.00	0.25	16.25	PASS
Band7	15	21100	75	#0	QPSK	-22.39	0.25	-22.14	PASS
Band7	15	21375	1	#0	QPSK	18.91	0.25	19.16	PASS
Band7	15	21375	1	#Mid	QPSK	18.70	0.25	18.95	PASS

Band7	15	21375	1	#Max	QPSK	16.85	0.25	17.10	PASS
Band7	15	21375	36	#0	QPSK	17.96	0.25	18.21	PASS
Band7	15	21375	36	#Mid	QPSK	17.72	0.25	17.97	PASS
Band7	15	21375	36	#Max	QPSK	16.81	0.25	17.06	PASS
Band7	15	21375	75	#0	QPSK	17.22	0.25	17.47	PASS
Band7	20	20850	1	#0	QPSK	16.92	0.25	17.17	PASS
Band7	20	20850	1	#Mid	QPSK	19.27	0.25	19.52	PASS
Band7	20	20850	1	#Max	QPSK	19.43	0.25	19.68	PASS
Band7	20	20850	50	#0	QPSK	17.32	0.25	17.57	PASS
Band7	20	20850	50	#Mid	QPSK	18.27	0.25	18.52	PASS
Band7	20	20850	50	#Max	QPSK	18.68	0.25	18.93	PASS
Band7	20	20850	100	#0	QPSK	18.07	0.25	18.32	PASS
Band7	20	21100	1	#0	QPSK	18.65	0.25	18.90	PASS
Band7	20	21100	1	#Mid	QPSK	17.42	0.25	17.67	PASS
Band7	20	21100	1	#Max	QPSK	17.00	0.25	17.25	PASS
Band7	20	21100	50	#0	QPSK	16.78	0.25	17.03	PASS
Band7	20	21100	50	#Mid	QPSK	16.33	0.25	16.58	PASS
Band7	20	21100	50	#Max	QPSK	15.97	0.25	16.22	PASS
Band7	20	21100	100	#0	QPSK	16.90	0.25	17.15	PASS
Band7	20	21350	1	#0	QPSK	17.68	0.25	17.93	PASS
Band7	20	21350	1	#Mid	QPSK	18.78	0.25	19.03	PASS
Band7	20	21350	1	#Max	QPSK	16.73	0.25	16.98	PASS
Band7	20	21350	50	#0	QPSK	17.64	0.25	17.89	PASS
Band7	20	21350	50	#Mid	QPSK	17.82	0.25	18.07	PASS
Band7	20	21350	50	#Max	QPSK	17.11	0.25	17.36	PASS
Band7	20	21350	100	#0	QPSK	0.00	0.25	0.25	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	-9.53	-0.004	PASS
Band7	5	20775	25	#0	QPSK	NV	NT	-10.76	-0.004	PASS
Band7	5	20775	25	#0	QPSK	HV	NT	-5.11	-0.002	PASS
Band7	5	20775	25	#0	16QAM	LV	NT	-11.72	-0.005	PASS
Band7	5	20775	25	#0	16QAM	NV	NT	-10.24	-0.004	PASS
Band7	5	20775	25	#0	16QAM	HV	NT	-0.21	0.000	PASS
Band7	5	21100	25	#0	QPSK	LV	NT	-6.95	-0.003	PASS
Band7	5	21100	25	#0	QPSK	NV	NT	-11.64	-0.005	PASS
Band7	5	21100	25	#0	QPSK	HV	NT	-13.72	-0.005	PASS
Band7	5	21100	25	#0	16QAM	LV	NT	-8.17	-0.003	PASS
Band7	5	21100	25	#0	16QAM	NV	NT	-12.72	-0.005	PASS
Band7	5	21100	25	#0	16QAM	HV	NT	4.09	0.002	PASS
Band7	5	21425	25	#0	QPSK	LV	NT	-9.34	-0.004	PASS
Band7	5	21425	25	#0	QPSK	NV	NT	-0.93	0.000	PASS
Band7	5	21425	25	#0	QPSK	HV	NT	-10.00	-0.004	PASS
Band7	5	21425	25	#0	16QAM	LV	NT	9.00	0.004	PASS
Band7	5	21425	25	#0	16QAM	NV	NT	-12.77	-0.005	PASS
Band7	5	21425	25	#0	16QAM	HV	NT	0.69	0.000	PASS
Band7	10	20800	50	#0	QPSK	LV	NT	-7.75	-0.003	PASS
Band7	10	20800	50	#0	QPSK	NV	NT	-3.91	-0.002	PASS
Band7	10	20800	50	#0	QPSK	HV	NT	-6.88	-0.003	PASS
Band7	10	21100	50	#0	QPSK	LV	NT	-9.40	-0.004	PASS
Band7	10	21100	50	#0	QPSK	NV	NT	-7.78	-0.003	PASS
Band7	10	21100	50	#0	QPSK	HV	NT	-9.60	-0.004	PASS
Band7	10	21400	50	#0	QPSK	LV	NT	-8.44	-0.003	PASS
Band7	10	21400	50	#0	QPSK	NV	NT	-2.98	-0.001	PASS
Band7	10	21400	50	#0	QPSK	HV	NT	-12.43	-0.005	PASS
Band7	15	20825	75	#0	QPSK	LV	NT	-15.35	-0.006	PASS
Band7	15	20825	75	#0	QPSK	NV	NT	-2.02	-0.001	PASS
Band7	15	20825	75	#0	QPSK	HV	NT	-8.25	-0.003	PASS
Band7	15	21100	75	#0	QPSK	LV	NT	1.99	0.001	PASS
Band7	15	21100	75	#0	QPSK	NV	NT	-1.65	-0.001	PASS
Band7	15	21100	75	#0	QPSK	HV	NT	2.15	0.001	PASS
Band7	15	21375	75	#0	QPSK	LV	NT	-13.75	-0.005	PASS
Band7	15	21375	75	#0	QPSK	NV	NT	-6.90	-0.003	PASS
Band7	15	21375	75	#0	QPSK	HV	NT	-3.56	-0.001	PASS
Band7	20	20850	100	#0	QPSK	LV	NT	-7.51	-0.003	PASS
Band7	20	20850	100	#0	QPSK	NV	NT	-10.89	-0.004	PASS

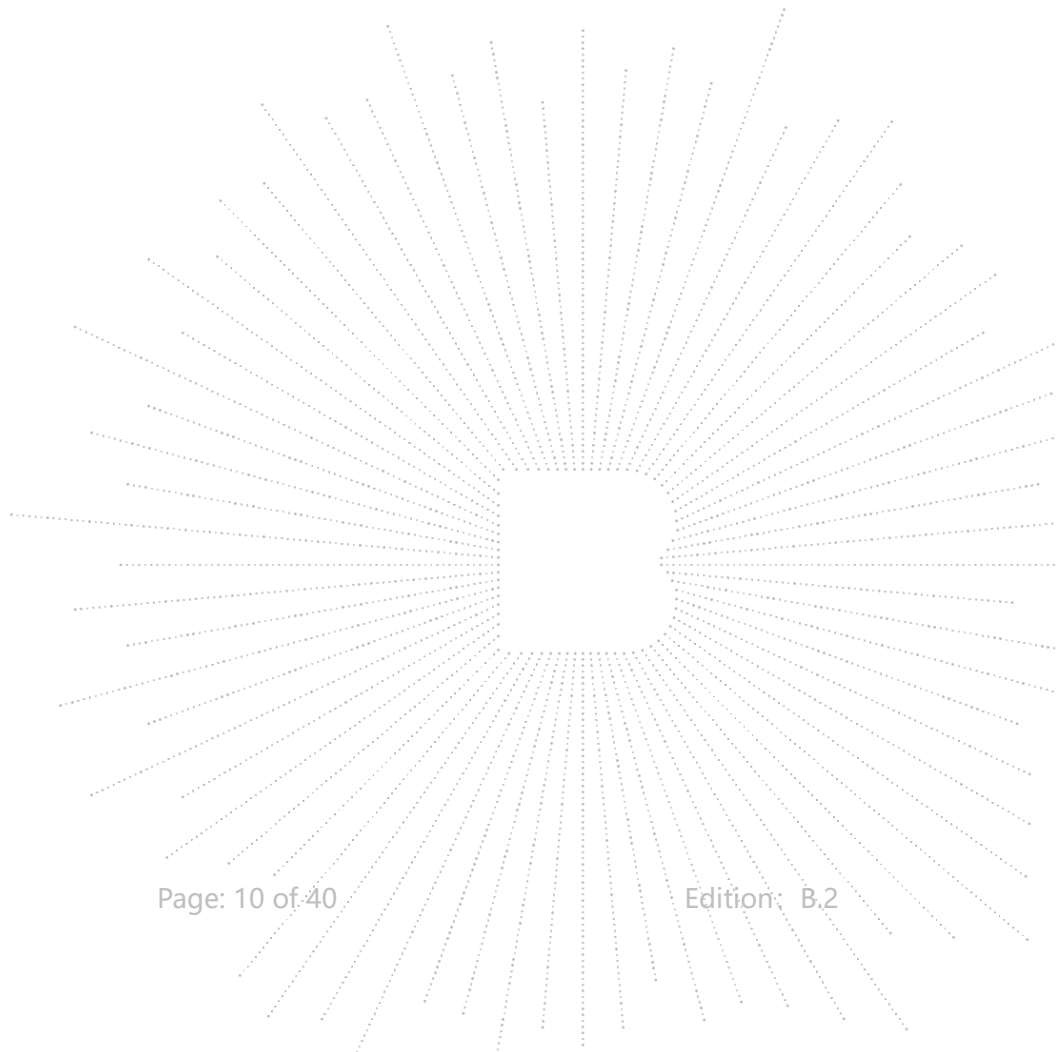
Band7	20	20850	100	#0	QPSK	HV	NT	3.71	0.001	PASS
Band7	20	21100	100	#0	QPSK	LV	NT	-5.51	-0.002	PASS
Band7	20	21100	100	#0	QPSK	NV	NT	-4.96	-0.002	PASS
Band7	20	21100	100	#0	QPSK	HV	NT	0.17	0.000	PASS
Band7	20	21350	100	#0	QPSK	LV	NT	-0.01	0.000	PASS
Band7	20	21350	100	#0	QPSK	NV	NT	-6.37	-0.002	PASS
Band7	20	21350	100	#0	QPSK	HV	NT	-10.29	-0.004	PASS

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	NV	-30	-14.26	-0.006	PASS
Band7	5	20775	25	#0	QPSK	NV	-20	-7.77	-0.003	PASS
Band7	5	20775	25	#0	QPSK	NV	-10	-6.04	-0.002	PASS
Band7	5	20775	25	#0	QPSK	NV	0	-14.95	-0.006	PASS
Band7	5	20775	25	#0	QPSK	NV	10	-4.46	-0.002	PASS
Band7	5	20775	25	#0	QPSK	NV	20	10.19	0.004	PASS
Band7	5	20775	25	#0	QPSK	NV	30	-11.89	-0.005	PASS
Band7	5	20775	25	#0	QPSK	NV	40	-10.31	-0.004	PASS
Band7	5	20775	25	#0	QPSK	NV	50	-11.19	-0.004	PASS
Band7	5	20775	25	#0	16QAM	NV	-30	-11.30	-0.005	PASS
Band7	5	20775	25	#0	16QAM	NV	-20	-16.51	-0.007	PASS
Band7	5	20775	25	#0	16QAM	NV	-10	-8.28	-0.003	PASS
Band7	5	20775	25	#0	16QAM	NV	0	-0.84	0.000	PASS
Band7	5	20775	25	#0	16QAM	NV	10	-8.67	-0.003	PASS
Band7	5	20775	25	#0	16QAM	NV	20	-10.59	-0.004	PASS
Band7	5	20775	25	#0	16QAM	NV	30	-11.90	-0.005	PASS
Band7	5	20775	25	#0	16QAM	NV	40	0.11	0.000	PASS
Band7	5	20775	25	#0	16QAM	NV	50	-8.18	-0.003	PASS
Band7	5	21100	25	#0	QPSK	NV	-30	-2.76	-0.001	PASS
Band7	5	21100	25	#0	QPSK	NV	-20	-2.76	-0.001	PASS
Band7	5	21100	25	#0	QPSK	NV	-10	-6.39	-0.003	PASS
Band7	5	21100	25	#0	QPSK	NV	0	-10.74	-0.004	PASS
Band7	5	21100	25	#0	QPSK	NV	10	-10.10	-0.004	PASS
Band7	5	21100	25	#0	QPSK	NV	20	-8.67	-0.003	PASS
Band7	5	21100	25	#0	QPSK	NV	30	-6.18	-0.002	PASS
Band7	5	21100	25	#0	QPSK	NV	40	-8.13	-0.003	PASS
Band7	5	21100	25	#0	QPSK	NV	50	-6.91	-0.003	PASS
Band7	5	21100	25	#0	16QAM	NV	-30	-1.96	-0.001	PASS
Band7	5	21100	25	#0	16QAM	NV	-20	-18.00	-0.007	PASS
Band7	5	21100	25	#0	16QAM	NV	-10	-0.74	0.000	PASS
Band7	5	21100	25	#0	16QAM	NV	0	-1.30	-0.001	PASS
Band7	5	21100	25	#0	16QAM	NV	10	13.30	0.005	PASS
Band7	5	21100	25	#0	16QAM	NV	20	-7.10	-0.003	PASS

Band7	5	21100	25	#0	16QAM	NV	30	-3.71	-0.001	PASS
Band7	5	21100	25	#0	16QAM	NV	40	-7.84	-0.003	PASS
Band7	5	21100	25	#0	16QAM	NV	50	4.05	0.002	PASS
Band7	5	21425	25	#0	QPSK	NV	-30	-0.14	0.000	PASS
Band7	5	21425	25	#0	QPSK	NV	-20	2.95	0.001	PASS
Band7	5	21425	25	#0	QPSK	NV	-10	-1.56	-0.001	PASS
Band7	5	21425	25	#0	QPSK	NV	0	1.76	0.001	PASS
Band7	5	21425	25	#0	QPSK	NV	10	-7.37	-0.003	PASS
Band7	5	21425	25	#0	QPSK	NV	20	-12.55	-0.005	PASS
Band7	5	21425	25	#0	QPSK	NV	30	0.04	0.000	PASS
Band7	5	21425	25	#0	QPSK	NV	40	6.81	0.003	PASS
Band7	5	21425	25	#0	QPSK	NV	50	-4.12	-0.002	PASS
Band7	5	21425	25	#0	16QAM	NV	-30	-7.57	-0.003	PASS
Band7	5	21425	25	#0	16QAM	NV	-20	2.96	0.001	PASS
Band7	5	21425	25	#0	16QAM	NV	-10	-9.57	-0.004	PASS
Band7	5	21425	25	#0	16QAM	NV	0	-4.26	-0.002	PASS
Band7	5	21425	25	#0	16QAM	NV	10	6.21	0.002	PASS
Band7	5	21425	25	#0	16QAM	NV	20	-4.56	-0.002	PASS
Band7	5	21425	25	#0	16QAM	NV	30	2.29	0.001	PASS
Band7	5	21425	25	#0	16QAM	NV	40	7.74	0.003	PASS
Band7	5	21425	25	#0	16QAM	NV	50	-1.44	-0.001	PASS
Band7	10	20800	50	#0	QPSK	NV	-30	-15.48	-0.006	PASS
Band7	10	20800	50	#0	QPSK	NV	-20	-13.29	-0.005	PASS
Band7	10	20800	50	#0	QPSK	NV	-10	9.37	0.004	PASS
Band7	10	20800	50	#0	QPSK	NV	0	9.14	0.004	PASS
Band7	10	20800	50	#0	QPSK	NV	10	-3.63	-0.001	PASS
Band7	10	20800	50	#0	QPSK	NV	20	-14.82	-0.006	PASS
Band7	10	20800	50	#0	QPSK	NV	30	16.84	0.007	PASS
Band7	10	20800	50	#0	QPSK	NV	40	-1.47	-0.001	PASS
Band7	10	20800	50	#0	QPSK	NV	50	-2.02	-0.001	PASS
Band7	10	21100	50	#0	QPSK	NV	-30	-7.32	-0.003	PASS
Band7	10	21100	50	#0	QPSK	NV	-20	-8.47	-0.003	PASS
Band7	10	21100	50	#0	QPSK	NV	-10	1.52	0.001	PASS
Band7	10	21100	50	#0	QPSK	NV	0	-18.02	-0.007	PASS
Band7	10	21100	50	#0	QPSK	NV	10	-15.78	-0.006	PASS
Band7	10	21100	50	#0	QPSK	NV	20	-3.73	-0.001	PASS
Band7	10	21100	50	#0	QPSK	NV	30	-4.79	-0.002	PASS
Band7	10	21100	50	#0	QPSK	NV	40	-10.39	-0.004	PASS
Band7	10	21100	50	#0	QPSK	NV	50	-4.63	-0.002	PASS
Band7	10	21400	50	#0	QPSK	NV	-30	-7.62	-0.003	PASS
Band7	10	21400	50	#0	QPSK	NV	-20	-1.49	-0.001	PASS
Band7	10	21400	50	#0	QPSK	NV	-10	-3.23	-0.001	PASS
Band7	10	21400	50	#0	QPSK	NV	0	1.60	0.001	PASS

Band7	10	21400	50	#0	QPSK	NV	10	-4.29	-0.002	PASS
Band7	10	21400	50	#0	QPSK	NV	20	0.54	0.000	PASS
Band7	10	21400	50	#0	QPSK	NV	30	1.80	0.001	PASS
Band7	10	21400	50	#0	QPSK	NV	40	-4.94	-0.002	PASS
Band7	10	21400	50	#0	QPSK	NV	50	-11.60	-0.005	PASS
Band7	15	20825	75	#0	QPSK	NV	-30	-13.03	-0.005	PASS
Band7	15	20825	75	#0	QPSK	NV	-20	-2.98	-0.001	PASS
Band7	15	20825	75	#0	QPSK	NV	-10	-4.62	-0.002	PASS
Band7	15	20825	75	#0	QPSK	NV	0	-5.58	-0.002	PASS
Band7	15	20825	75	#0	QPSK	NV	10	0.04	0.000	PASS
Band7	15	20825	75	#0	QPSK	NV	20	-3.09	-0.001	PASS
Band7	15	20825	75	#0	QPSK	NV	30	-4.35	-0.002	PASS
Band7	15	20825	75	#0	QPSK	NV	40	-2.10	-0.001	PASS
Band7	15	20825	75	#0	QPSK	NV	50	-5.22	-0.002	PASS
Band7	15	21100	75	#0	QPSK	NV	-30	-8.04	-0.003	PASS
Band7	15	21100	75	#0	QPSK	NV	-20	-5.18	-0.002	PASS
Band7	15	21100	75	#0	QPSK	NV	-10	-3.50	-0.001	PASS
Band7	15	21100	75	#0	QPSK	NV	0	-9.84	-0.004	PASS
Band7	15	21100	75	#0	QPSK	NV	10	-11.90	-0.005	PASS
Band7	15	21100	75	#0	QPSK	NV	20	-1.04	0.000	PASS
Band7	15	21100	75	#0	QPSK	NV	30	-4.71	-0.002	PASS
Band7	15	21100	75	#0	QPSK	NV	40	-14.48	-0.006	PASS
Band7	15	21100	75	#0	QPSK	NV	50	-9.77	-0.004	PASS
Band7	15	21375	75	#0	QPSK	NV	-30	-2.33	-0.001	PASS
Band7	15	21375	75	#0	QPSK	NV	-20	4.84	0.002	PASS
Band7	15	21375	75	#0	QPSK	NV	-10	-0.39	0.000	PASS
Band7	15	21375	75	#0	QPSK	NV	0	1.16	0.000	PASS
Band7	15	21375	75	#0	QPSK	NV	10	0.47	0.000	PASS
Band7	15	21375	75	#0	QPSK	NV	20	-8.83	-0.003	PASS
Band7	15	21375	75	#0	QPSK	NV	30	6.21	0.002	PASS
Band7	15	21375	75	#0	QPSK	NV	40	-8.43	-0.003	PASS
Band7	15	21375	75	#0	QPSK	NV	50	0.26	0.000	PASS
Band7	20	20850	100	#0	QPSK	NV	-30	1.52	0.001	PASS
Band7	20	20850	100	#0	QPSK	NV	-20	1.66	0.001	PASS
Band7	20	20850	100	#0	QPSK	NV	-10	-1.17	0.000	PASS
Band7	20	20850	100	#0	QPSK	NV	0	-12.39	-0.005	PASS
Band7	20	20850	100	#0	QPSK	NV	10	-11.92	-0.005	PASS
Band7	20	20850	100	#0	QPSK	NV	20	6.22	0.002	PASS
Band7	20	20850	100	#0	QPSK	NV	30	-2.50	-0.001	PASS
Band7	20	20850	100	#0	QPSK	NV	40	-5.21	-0.002	PASS
Band7	20	20850	100	#0	QPSK	NV	50	-9.63	-0.004	PASS
Band7	20	21100	100	#0	QPSK	NV	-30	0.41	0.000	PASS
Band7	20	21100	100	#0	QPSK	NV	-20	1.20	0.000	PASS

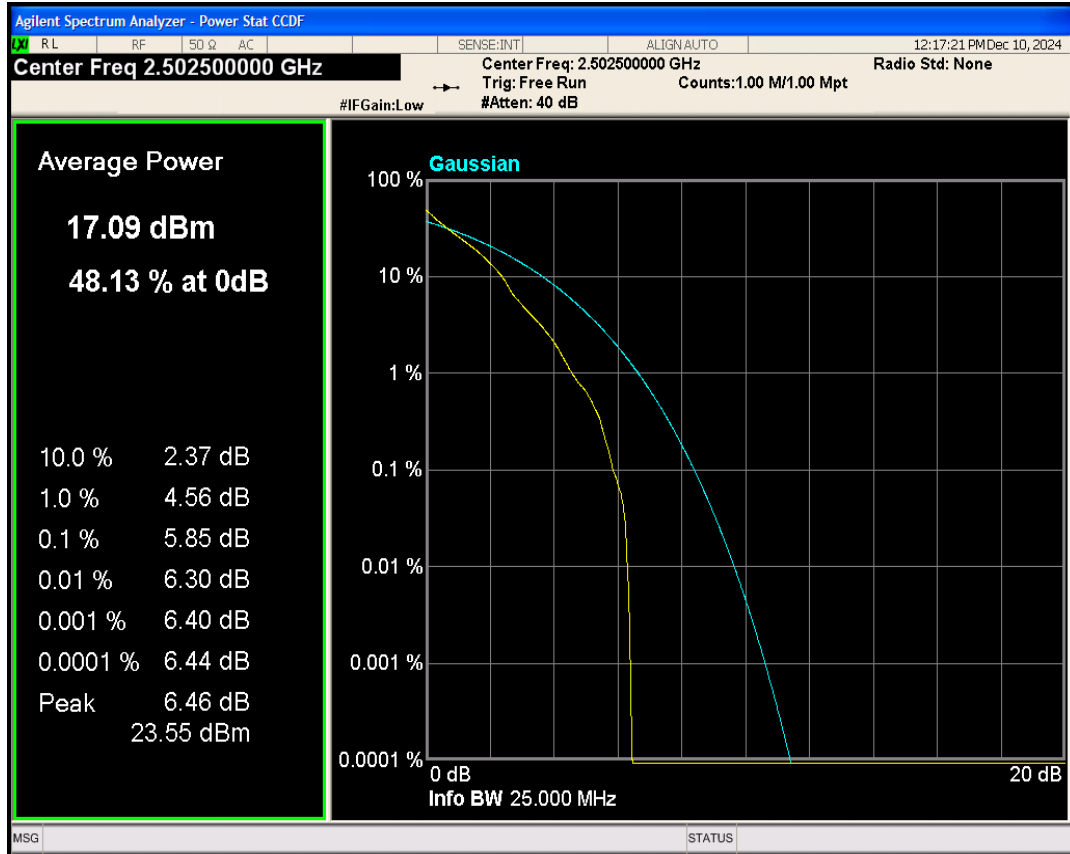
Band7	20	21100	100	#0	QPSK	NV	-10	-1.54	-0.001	PASS
Band7	20	21100	100	#0	QPSK	NV	0	-8.07	-0.003	PASS
Band7	20	21100	100	#0	QPSK	NV	10	3.29	0.001	PASS
Band7	20	21100	100	#0	QPSK	NV	20	-6.92	-0.003	PASS
Band7	20	21100	100	#0	QPSK	NV	30	-7.37	-0.003	PASS
Band7	20	21100	100	#0	QPSK	NV	40	1.39	0.001	PASS
Band7	20	21100	100	#0	QPSK	NV	50	-7.48	-0.003	PASS
Band7	20	21350	100	#0	QPSK	NV	-30	-11.94	-0.005	PASS
Band7	20	21350	100	#0	QPSK	NV	-20	-12.66	-0.005	PASS
Band7	20	21350	100	#0	QPSK	NV	-10	-5.19	-0.002	PASS
Band7	20	21350	100	#0	QPSK	NV	0	-9.61	-0.004	PASS
Band7	20	21350	100	#0	QPSK	NV	10	2.15	0.001	PASS
Band7	20	21350	100	#0	QPSK	NV	20	-1.90	-0.001	PASS
Band7	20	21350	100	#0	QPSK	NV	30	-2.70	-0.001	PASS
Band7	20	21350	100	#0	QPSK	NV	40	7.05	0.003	PASS
Band7	20	21350	100	#0	QPSK	NV	50	0.89	0.000	PASS



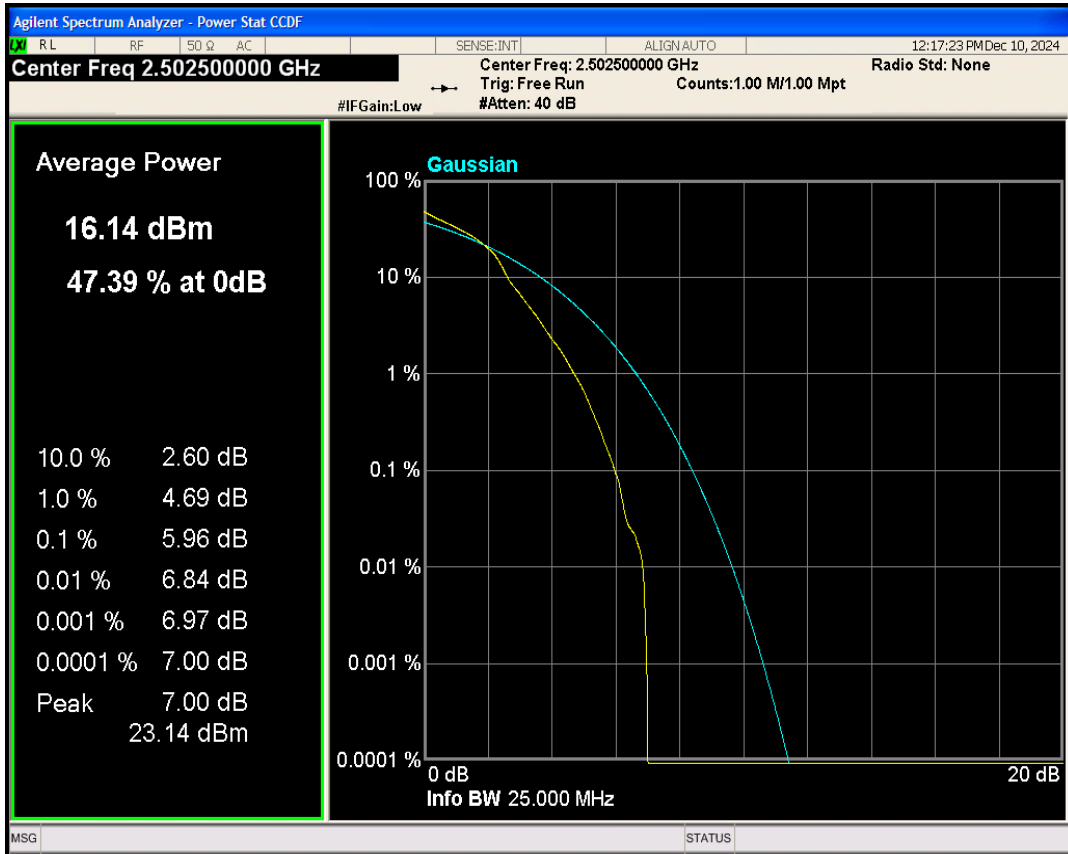
Appendix 3. Peak-to-Average Ratio

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
Band7	5	20775	1	#0	QPSK	5.85	13	PASS
Band7	5	20775	1	#0	16QAM	5.96	13	PASS
Band7	5	21100	1	#0	QPSK	5.60	13	PASS
Band7	5	21100	1	#0	16QAM	5.85	13	PASS
Band7	5	21425	1	#0	QPSK	5.12	13	PASS
Band7	5	21425	1	#0	16QAM	5.71	13	PASS
Band7	10	20800	1	#0	QPSK	5.35	13	PASS
Band7	10	21100	1	#0	QPSK	5.68	13	PASS
Band7	10	21400	1	#0	QPSK	3.46	13	PASS
Band7	15	20825	1	#0	QPSK	5.31	13	PASS
Band7	15	21100	1	#0	QPSK	5.69	13	PASS
Band7	15	21375	1	#0	QPSK	3.11	13	PASS
Band7	20	20850	1	#0	QPSK	5.27	13	PASS
Band7	20	21100	1	#0	QPSK	5.73	13	PASS
Band7	20	21350	1	#0	QPSK	3.69	13	PASS

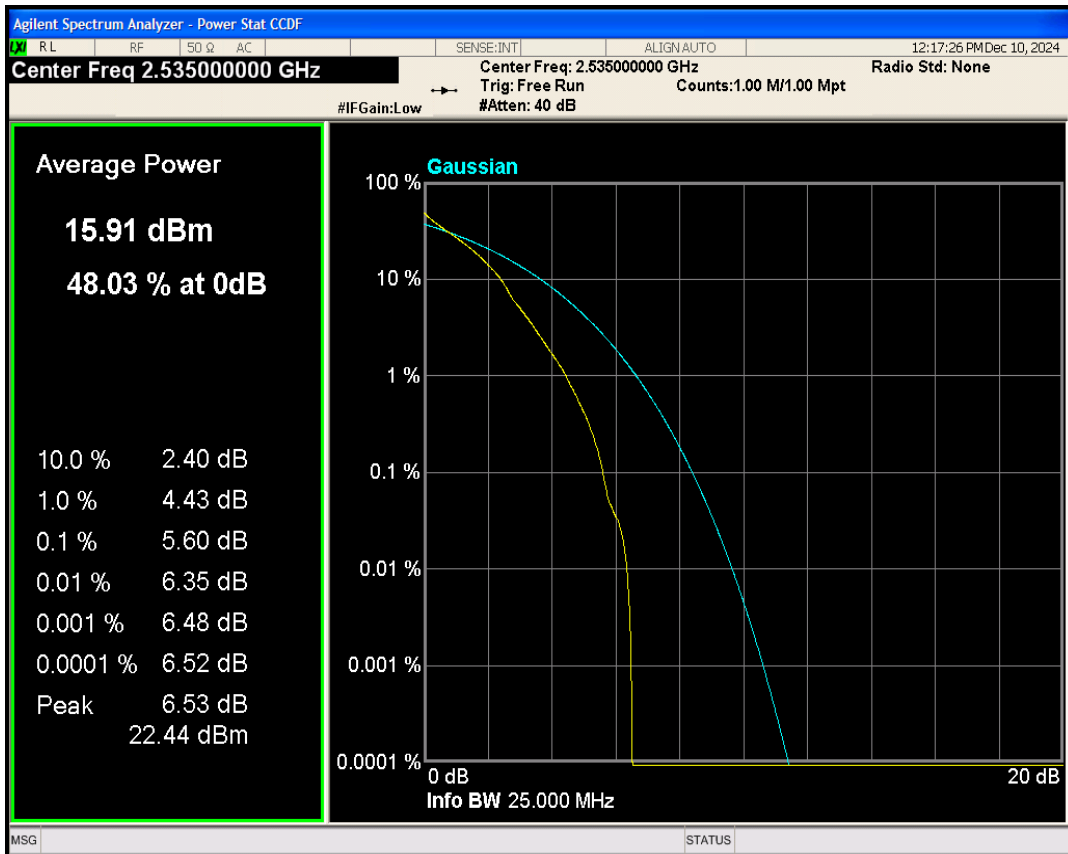
Band7 QPSK BW=5MHz Channel=20775 RB Size=1 Position=#0



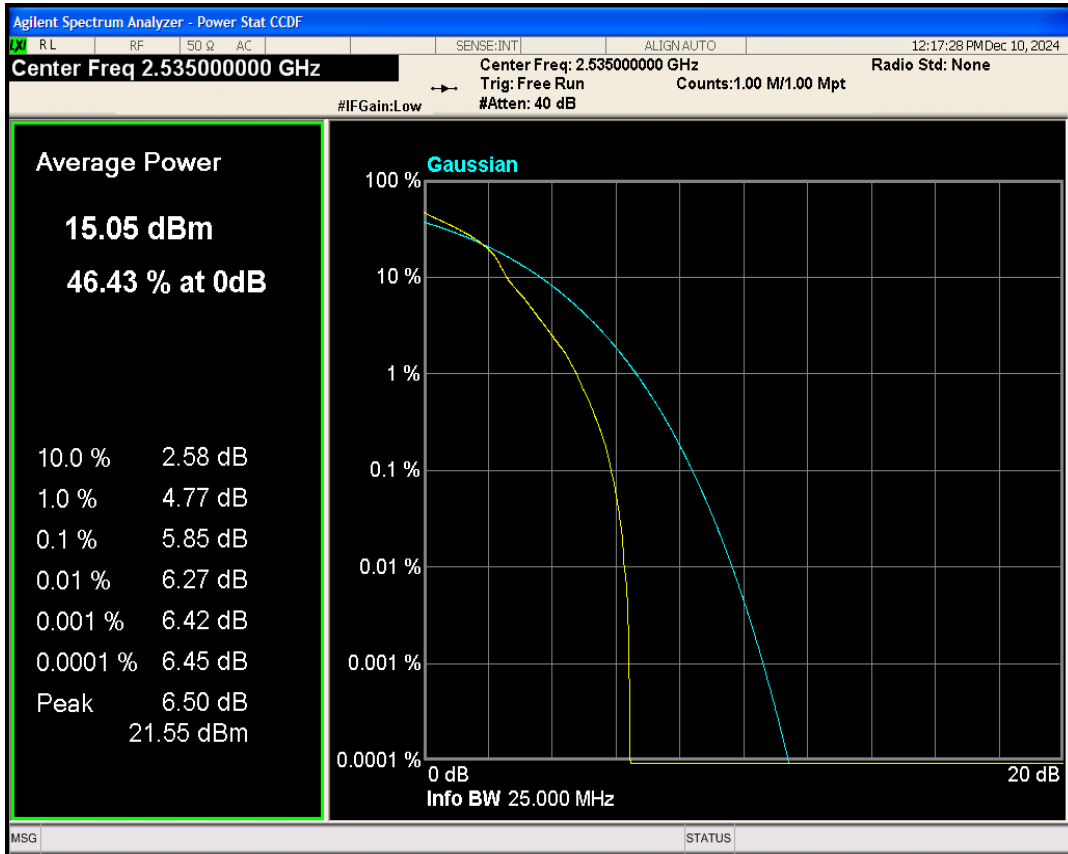
Band7 16QAM BW=5MHz Channel=20775 RB Size=1 Position=#0



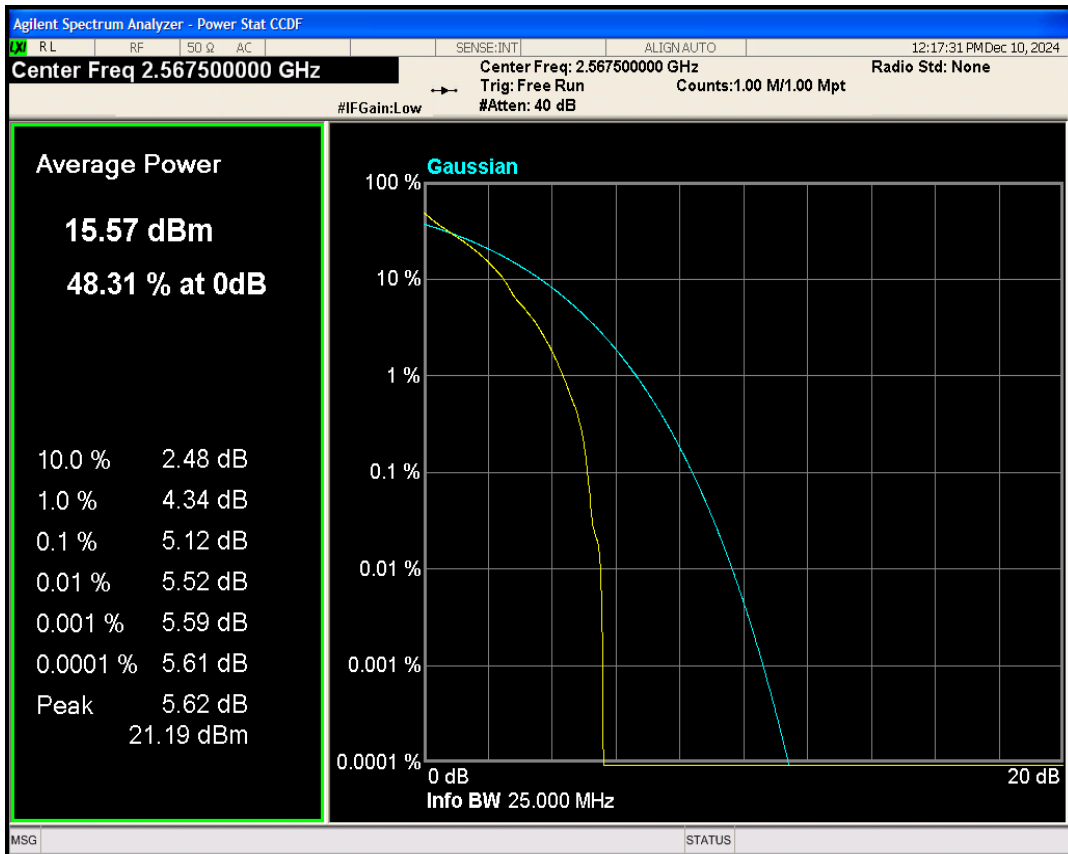
Band7 QPSK BW=5MHz Channel=21100 RB Size=1 Position=#0



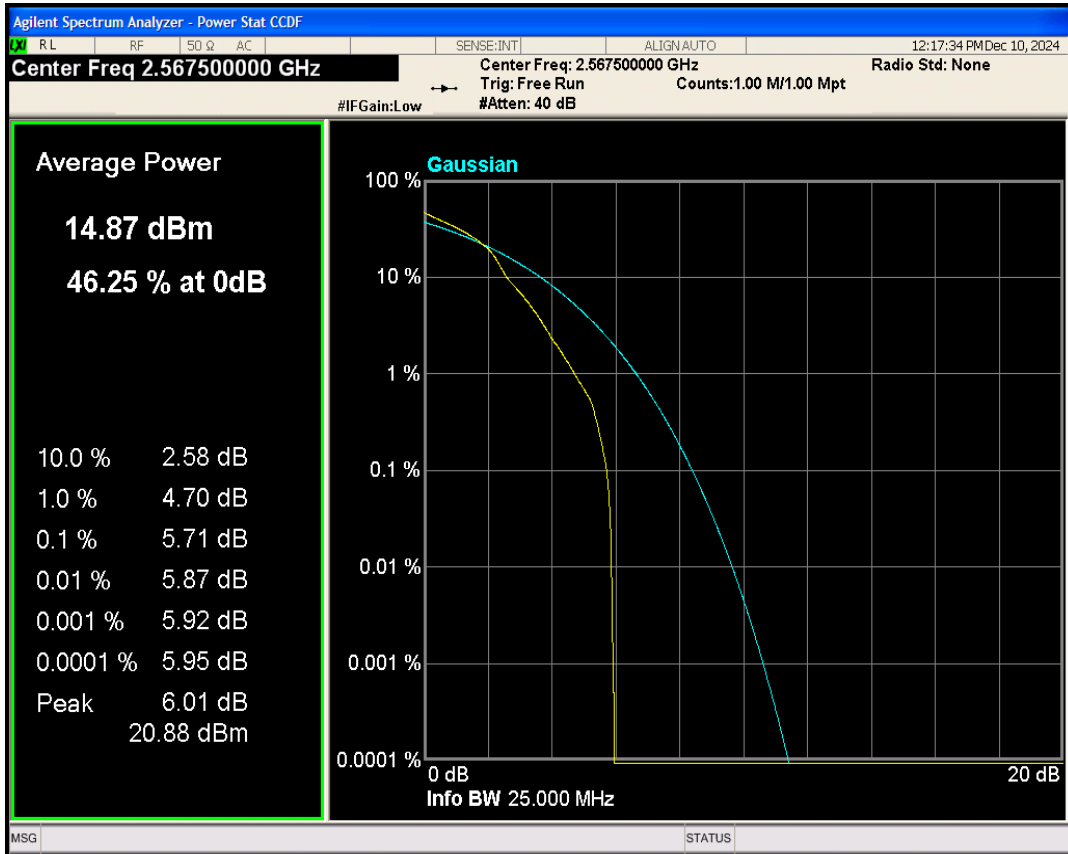
Band7 16QAM BW=5MHz Channel=21100 RB Size=1 Position=#0



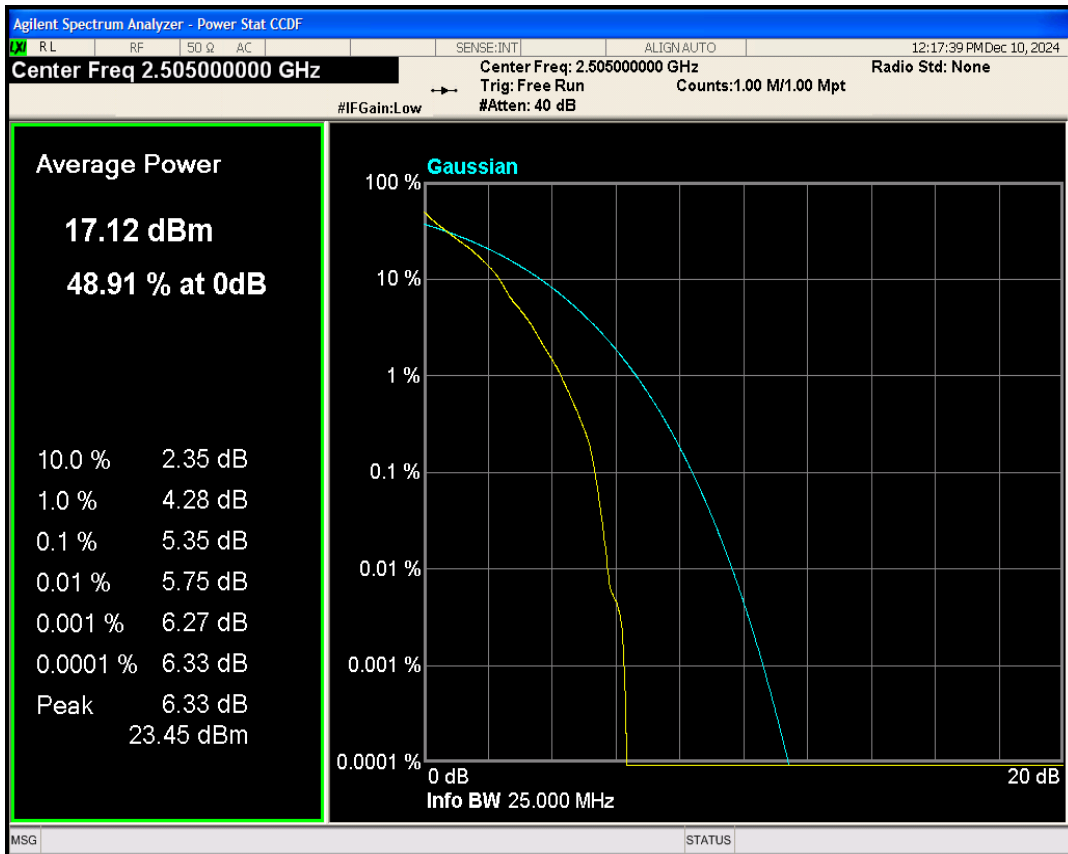
Band7 QPSK BW=5MHz Channel=21425 RB Size=1 Position=#0



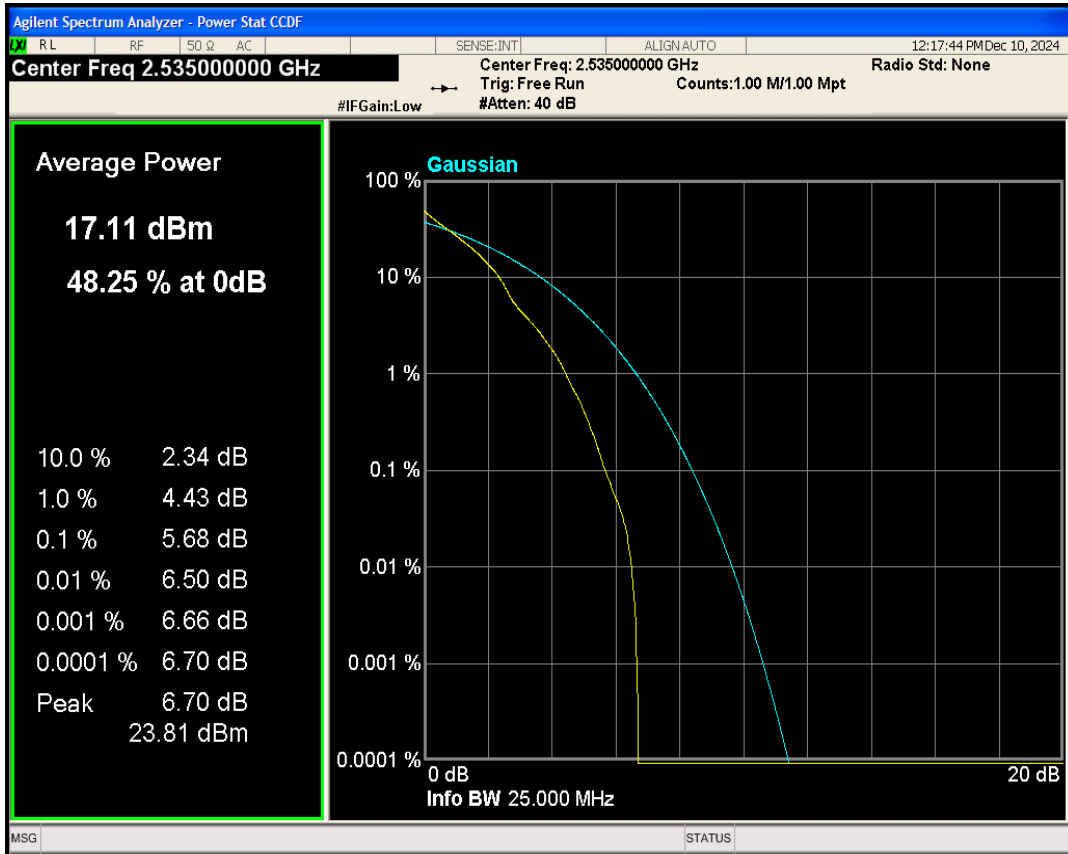
Band7 16QAM BW=5MHz Channel=21425 RB Size=1 Position=#0



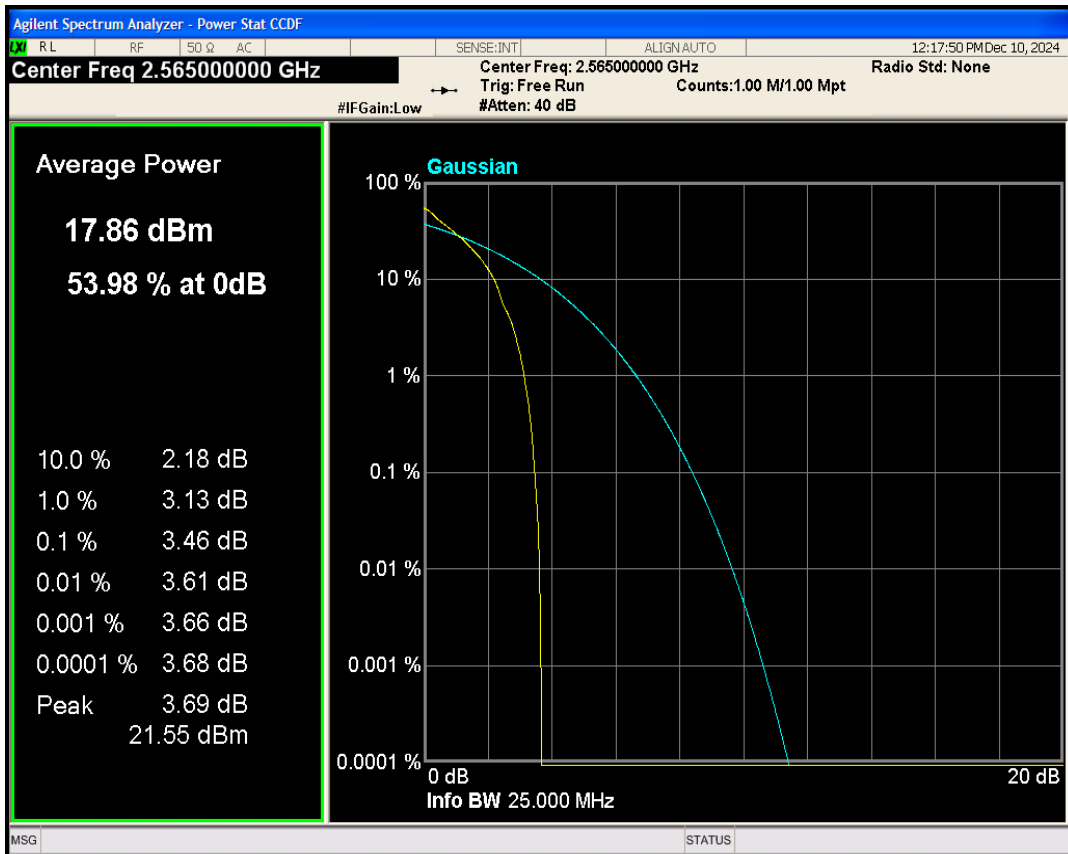
Band7 QPSK BW=10MHz Channel=20800 RB Size=1 Position=#0



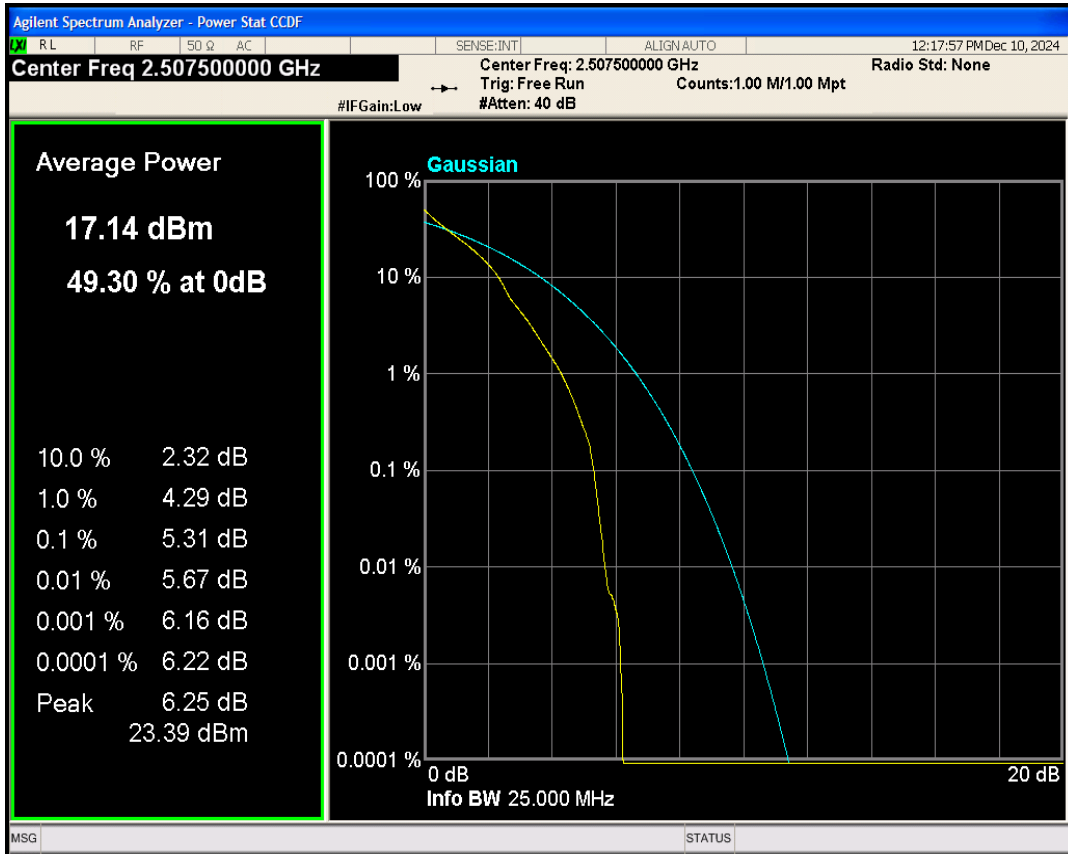
Band7 QPSK BW=10MHz Channel=21100 RB Size=1 Position=#0



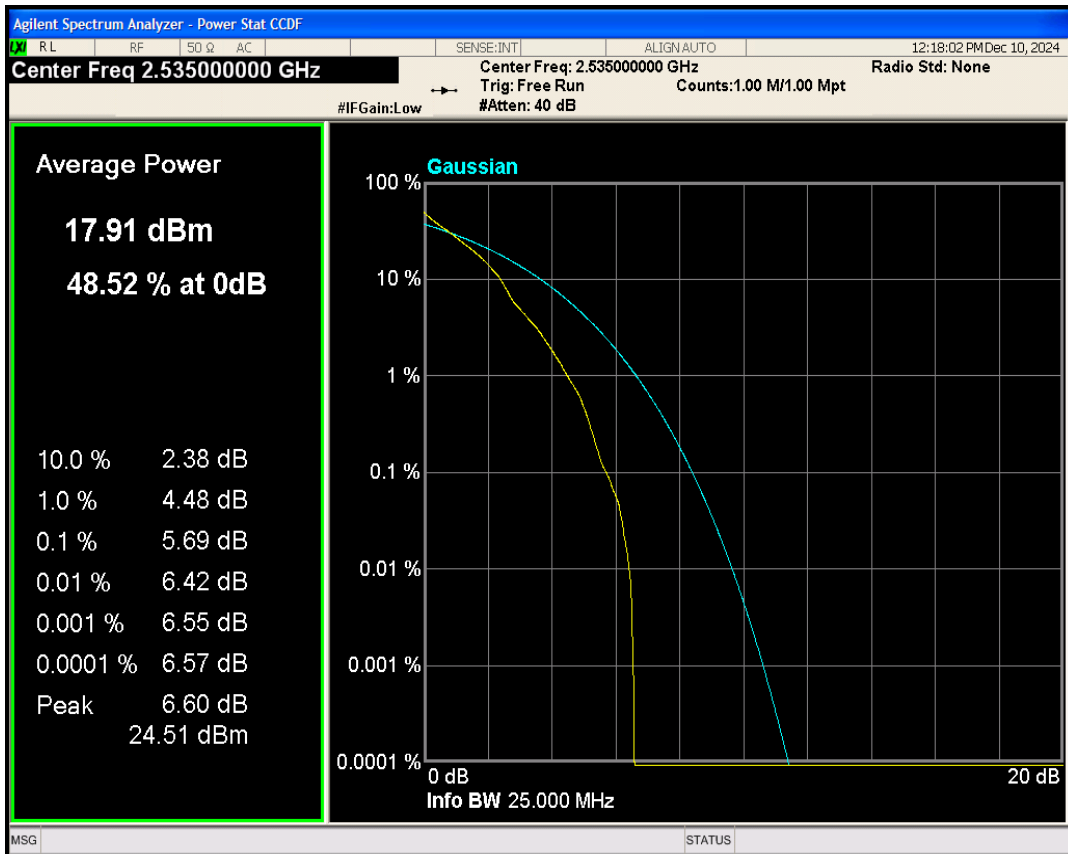
Band7 QPSK BW=10MHz Channel=21400 RB Size=1 Position=#0



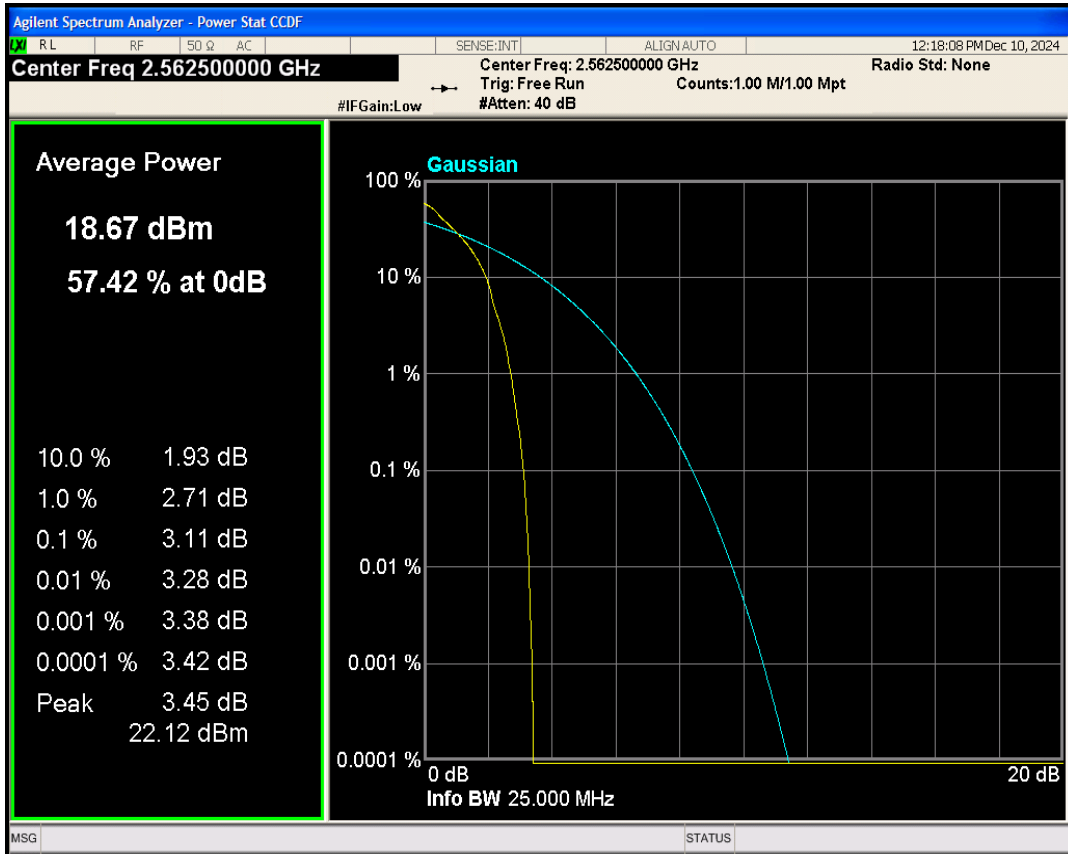
Band7 QPSK BW=15MHz Channel=20825 RB Size=1 Position=#0



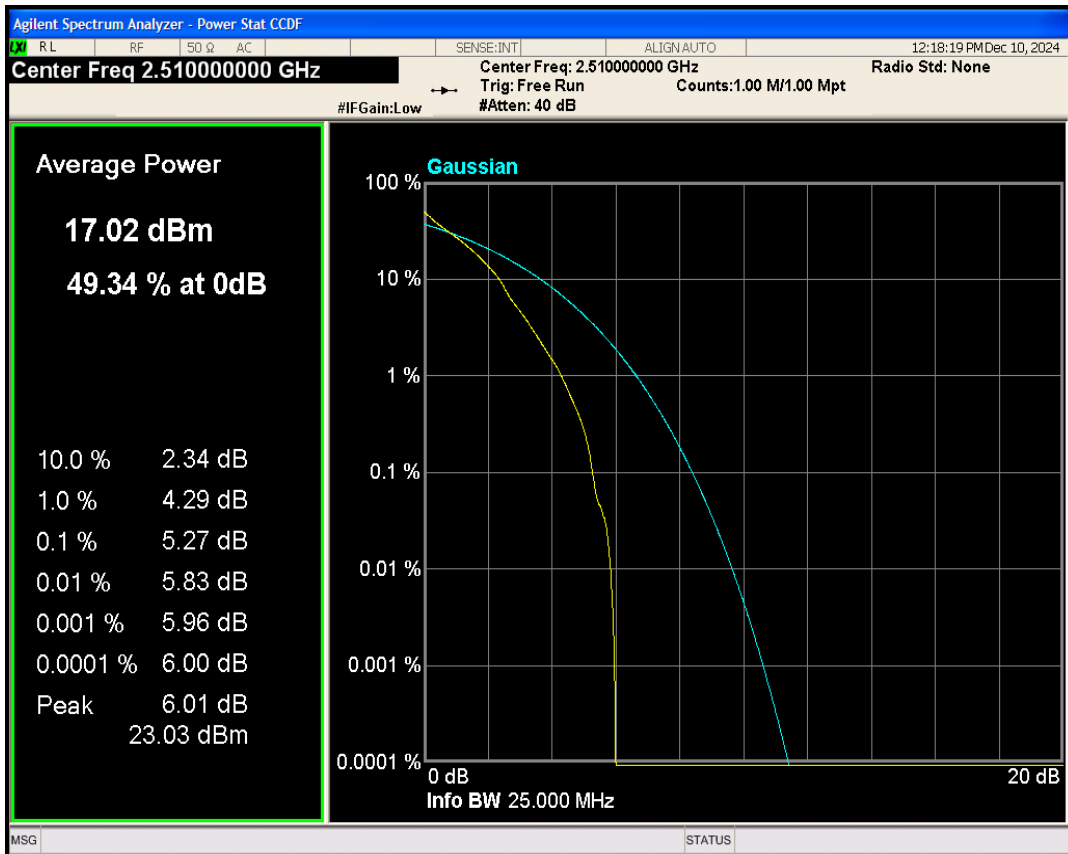
Band7 QPSK BW=15MHz Channel=21100 RB Size=1 Position=#0



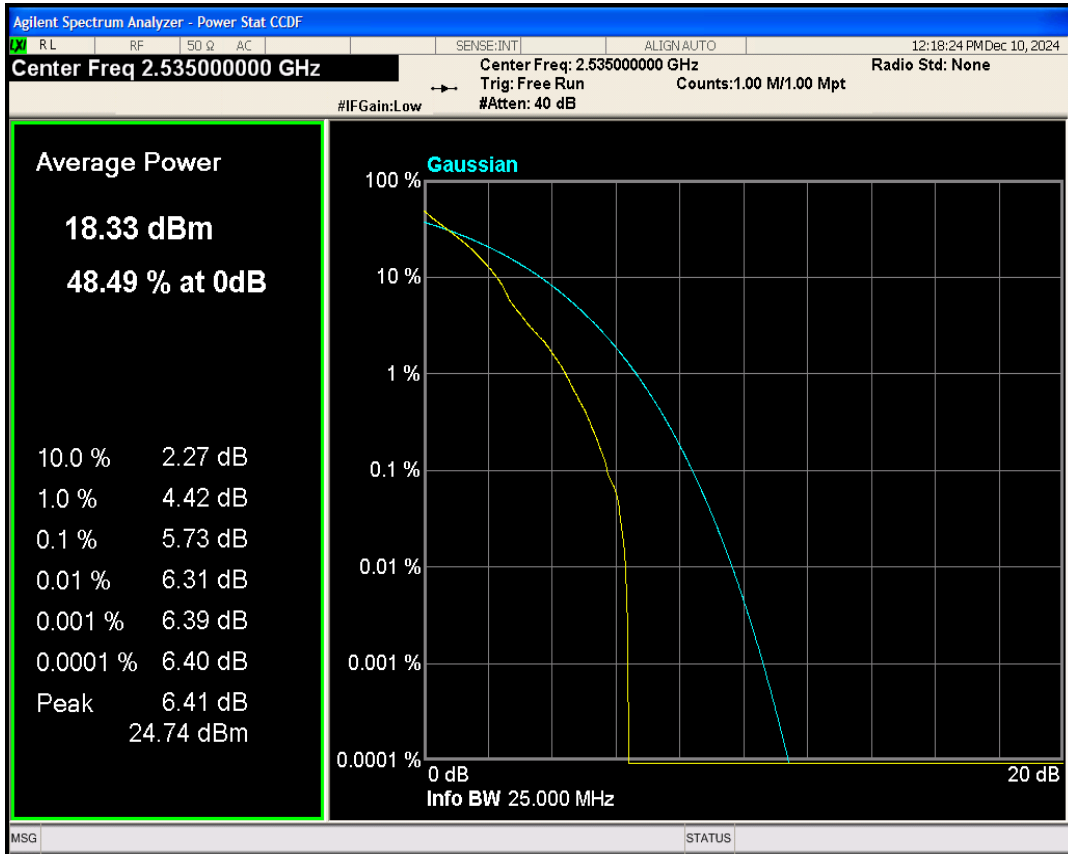
Band7 QPSK BW=15MHz Channel=21375 RB Size=1 Position=#0



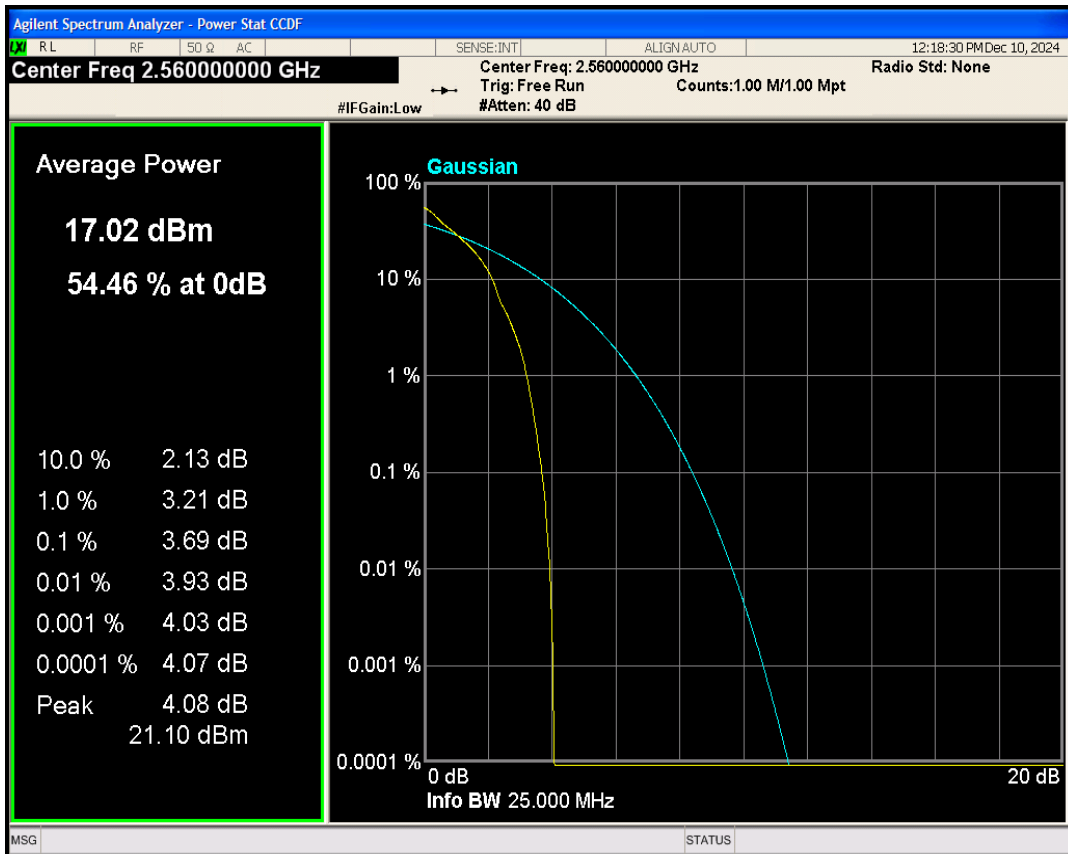
Band7 QPSK BW=20MHz Channel=20850 RB Size=1 Position=#0



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



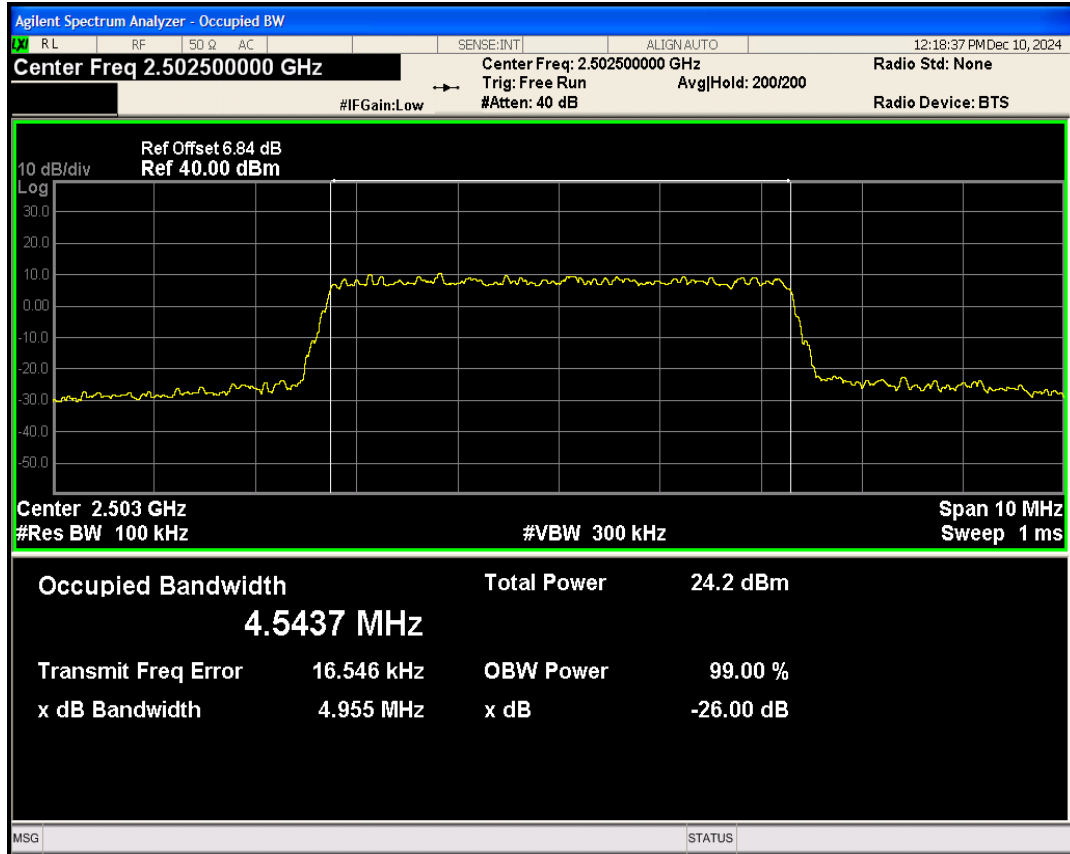
Band7 QPSK BW=20MHz Channel=21350 RB Size=1 Position=#0



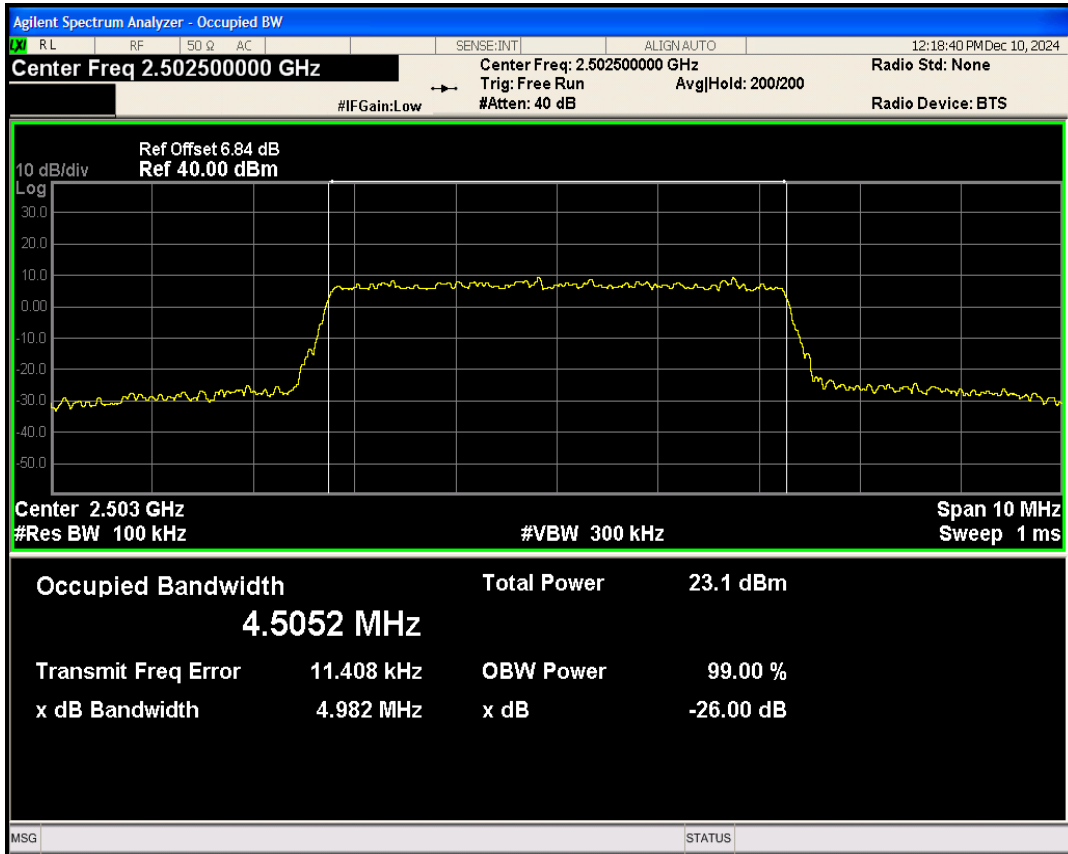
Appendix 4. Occupied bandwidth

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
Band7	5	20775	25	#0	QPSK	4.544	4.955	PASS
Band7	5	20775	25	#0	16QAM	4.505	4.982	PASS
Band7	5	21100	25	#0	QPSK	4.505	4.903	PASS
Band7	5	21100	25	#0	16QAM	4.525	4.958	PASS
Band7	5	21425	25	#0	QPSK	4.512	4.852	PASS
Band7	5	21425	25	#0	16QAM	4.528	4.988	PASS
Band7	10	20800	50	#0	QPSK	9.010	9.774	PASS
Band7	10	21100	50	#0	QPSK	8.991	9.614	PASS
Band7	10	21400	50	#0	QPSK	8.979	9.694	PASS
Band7	15	20825	75	#0	QPSK	13.498	14.465	PASS
Band7	15	21100	75	#0	QPSK	13.500	14.313	PASS
Band7	15	21375	75	#0	QPSK	13.384	14.362	PASS
Band7	20	20850	100	#0	QPSK	17.948	19.028	PASS
Band7	20	21100	100	#0	QPSK	17.967	19.045	PASS
Band7	20	21350	100	#0	QPSK	17.716	18.982	PASS

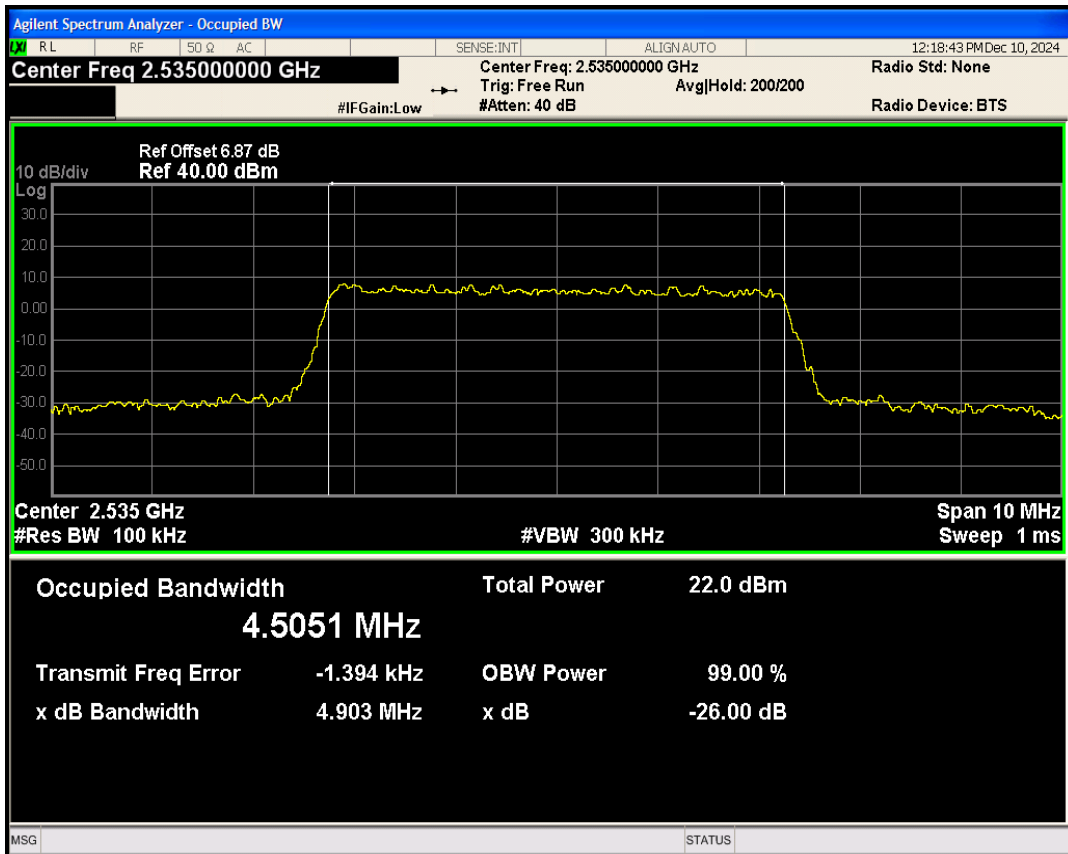
Band7 QPSK BW=5MHz Channel=20775 RB Size=25 Position=#0



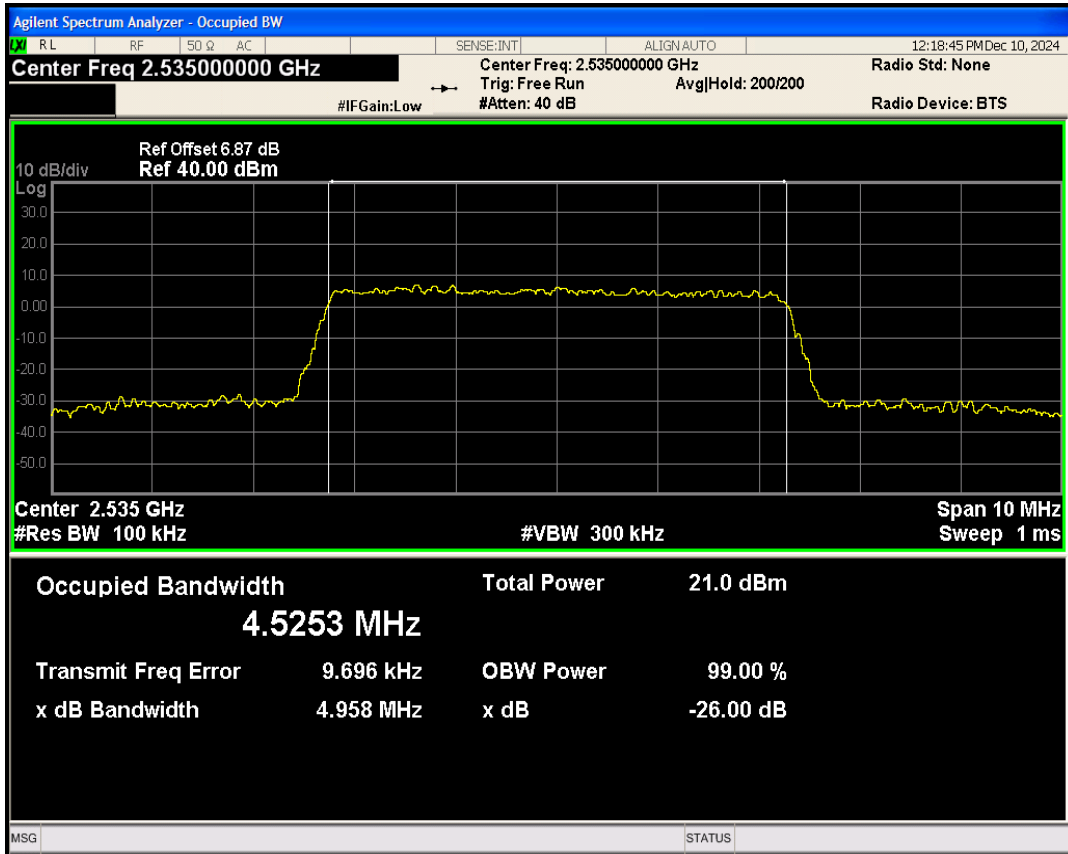
Band7 16QAM BW=5MHz Channel=20775 RB Size=25 Position=#0



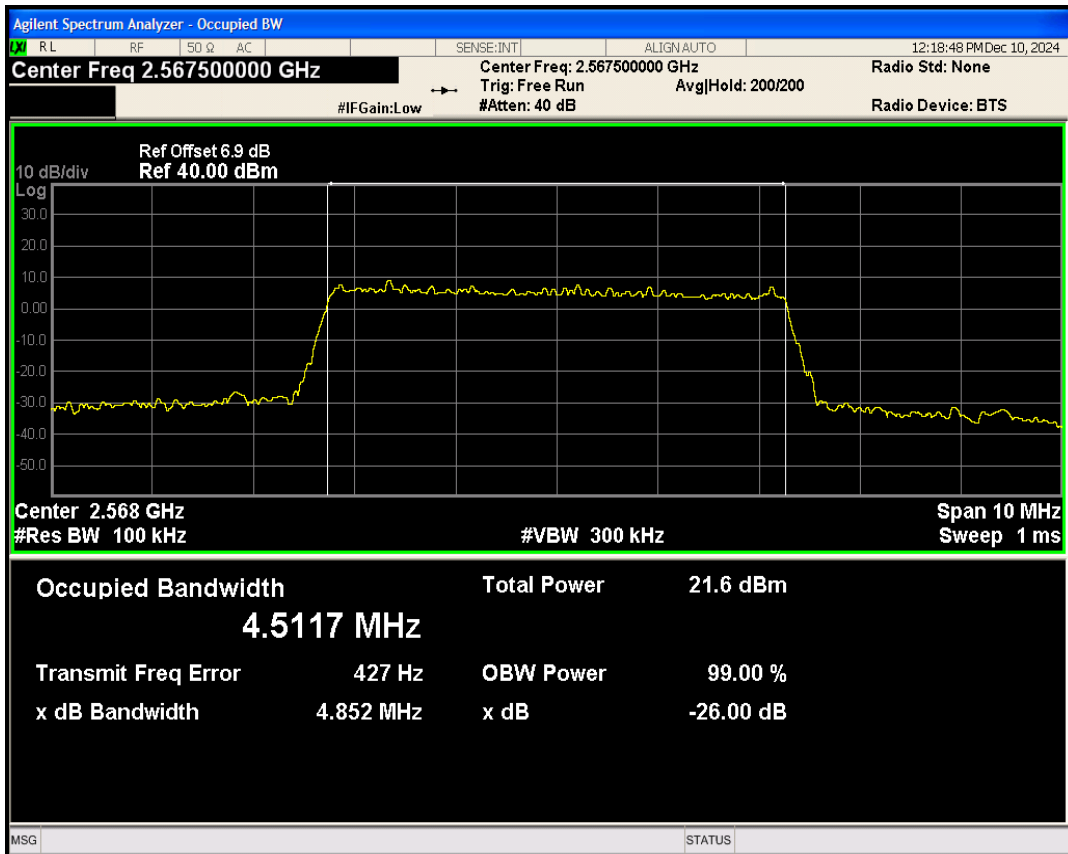
Band7 QPSK BW=5MHz Channel=21100 RB Size=25 Position=#0



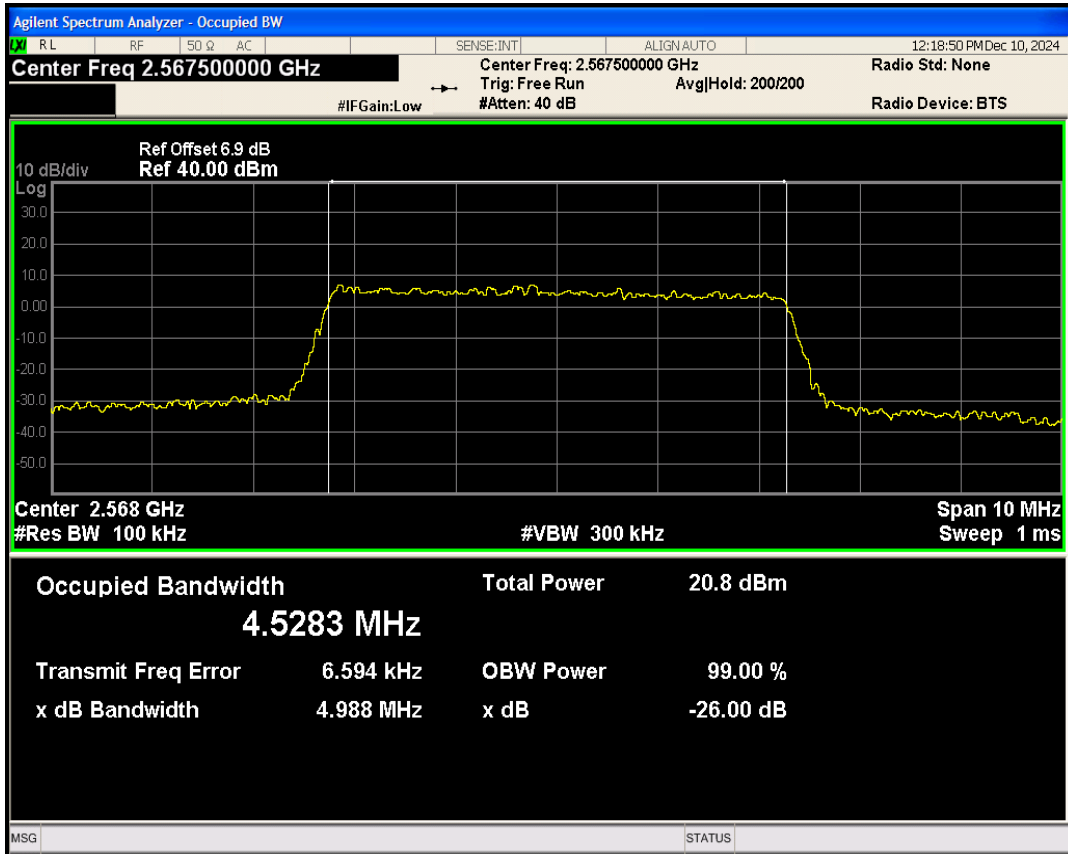
Band7 16QAM BW=5MHz Channel=21100 RB Size=25 Position=#0



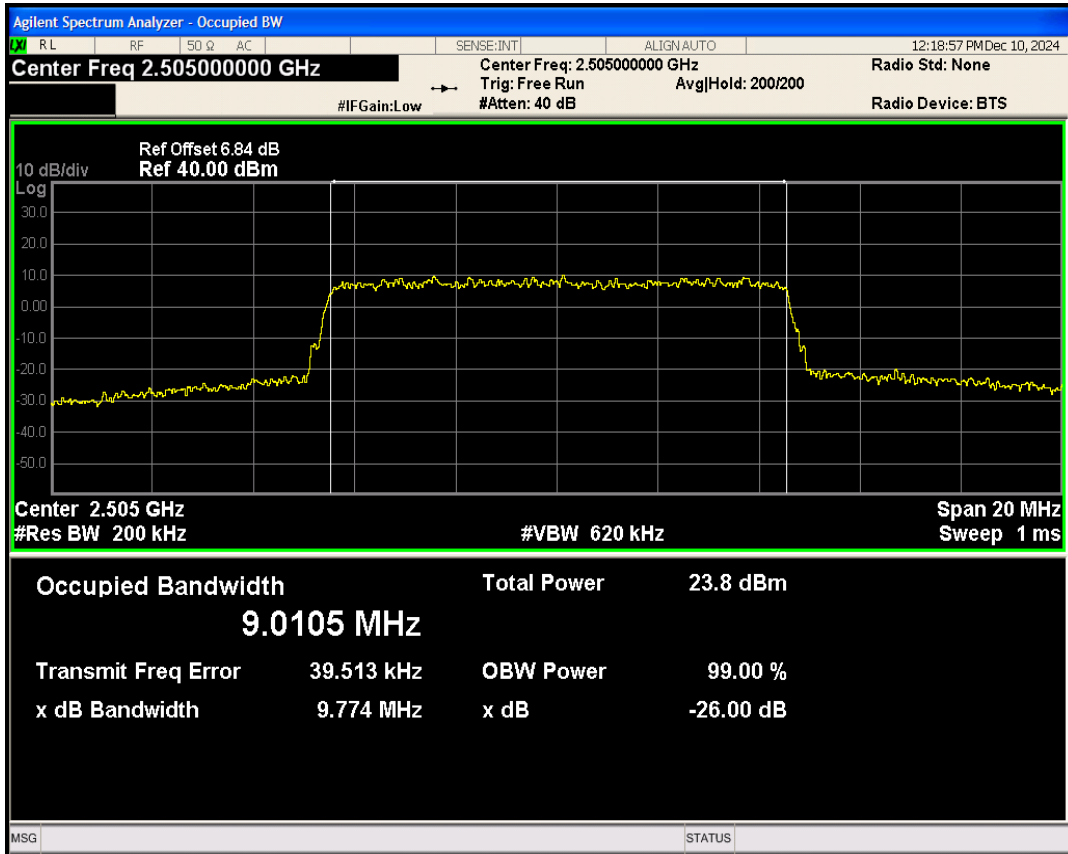
Band7 QPSK BW=5MHz Channel=21425 RB Size=25 Position=#0



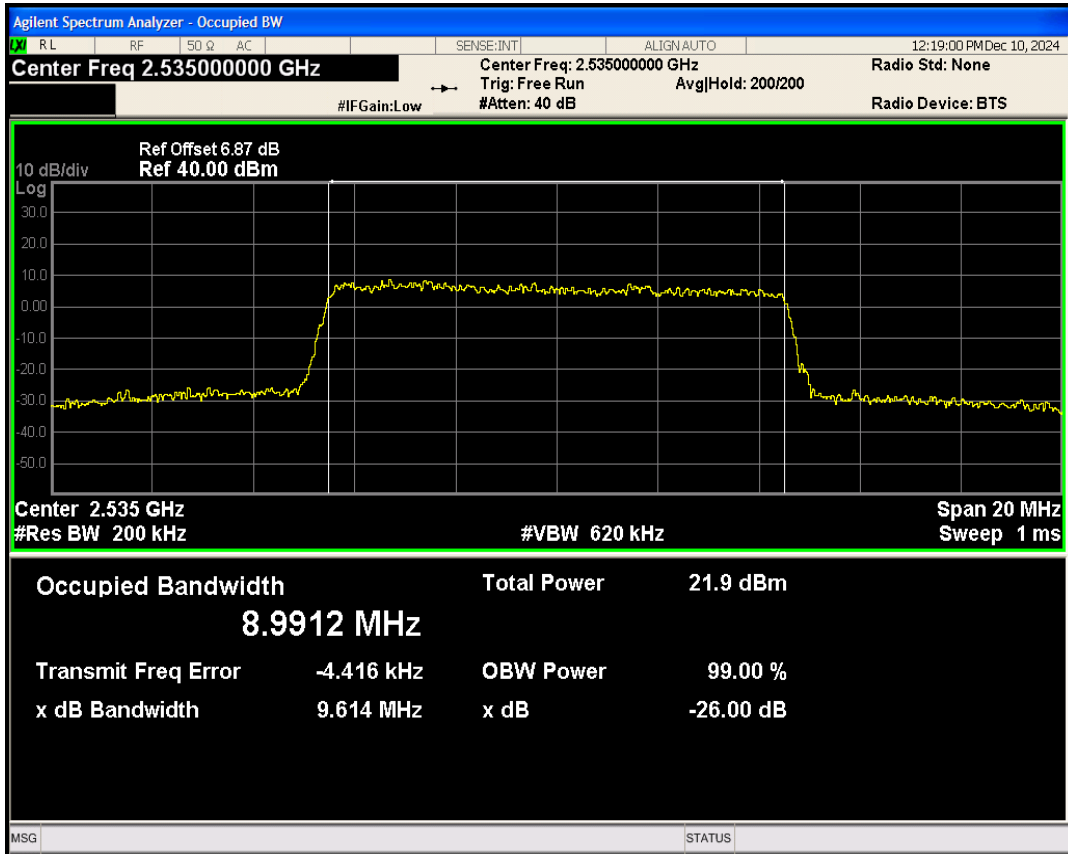
Band7 16QAM BW=5MHz Channel=21425 RB Size=25 Position=#0



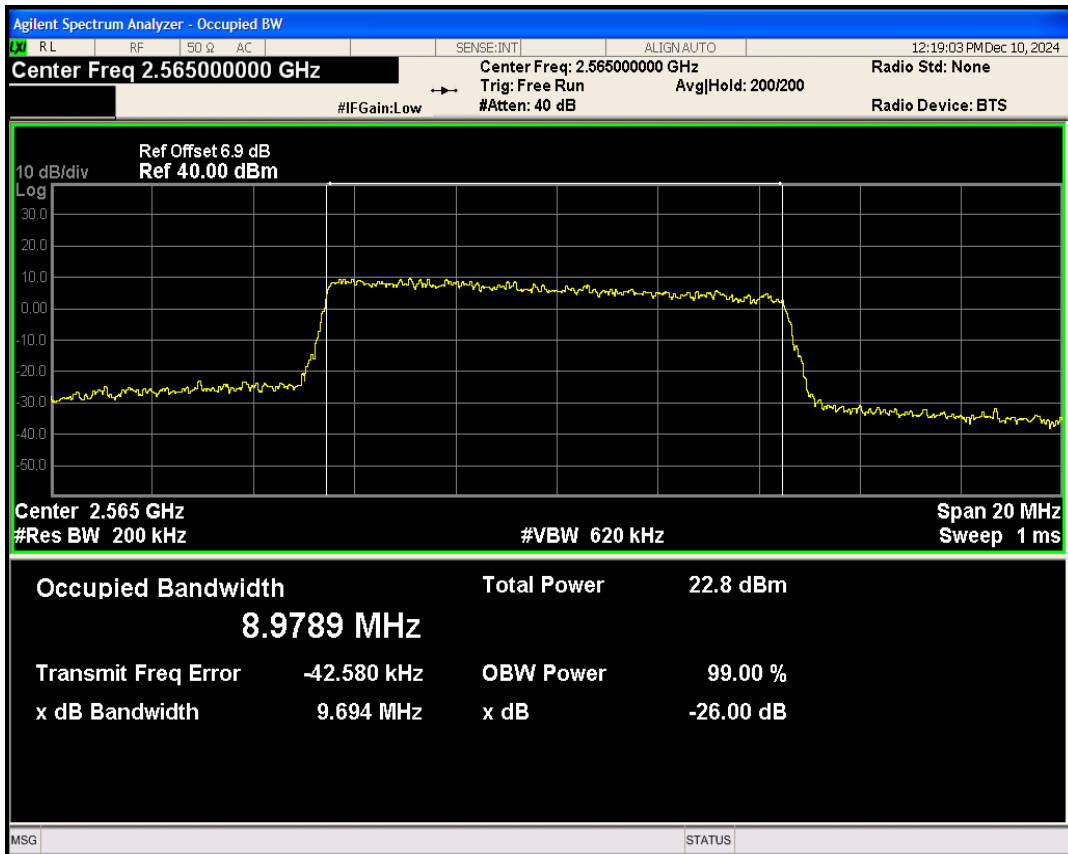
Band7 QPSK BW=10MHz Channel=20800 RB Size=50 Position=#0



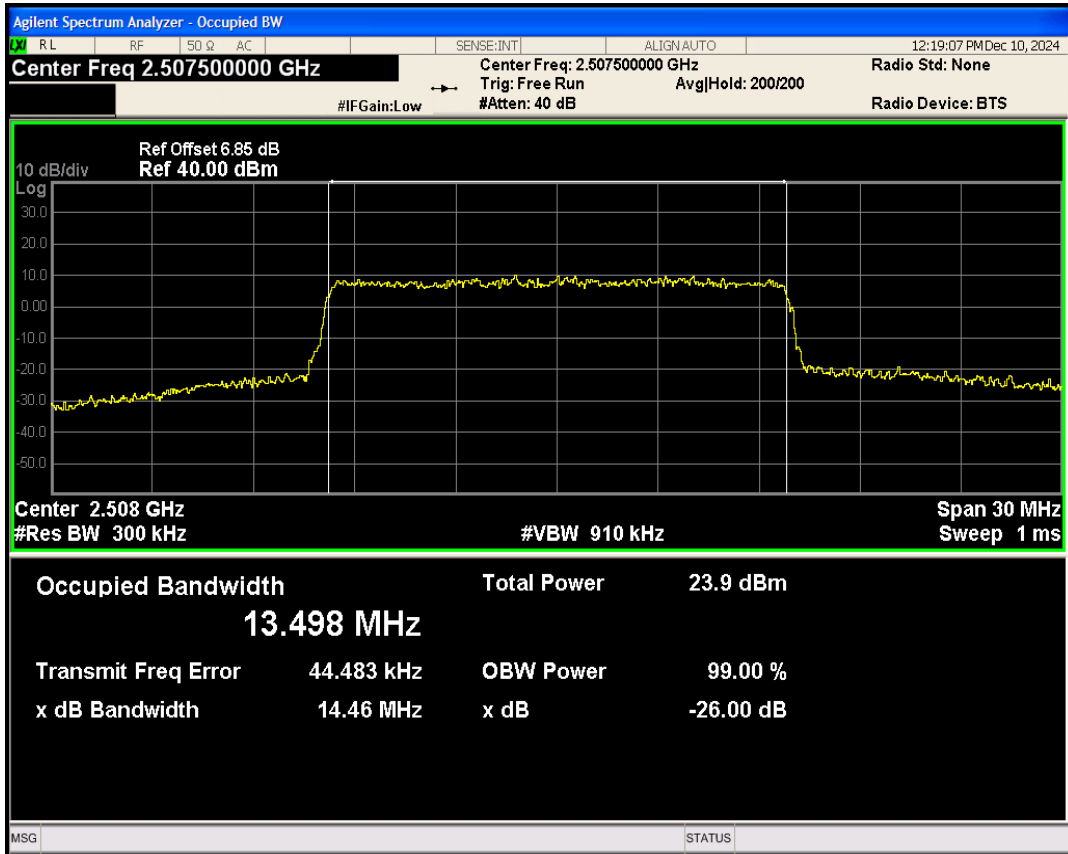
Band7 QPSK BW=10MHz Channel=21100 RB Size=50 Position=#0



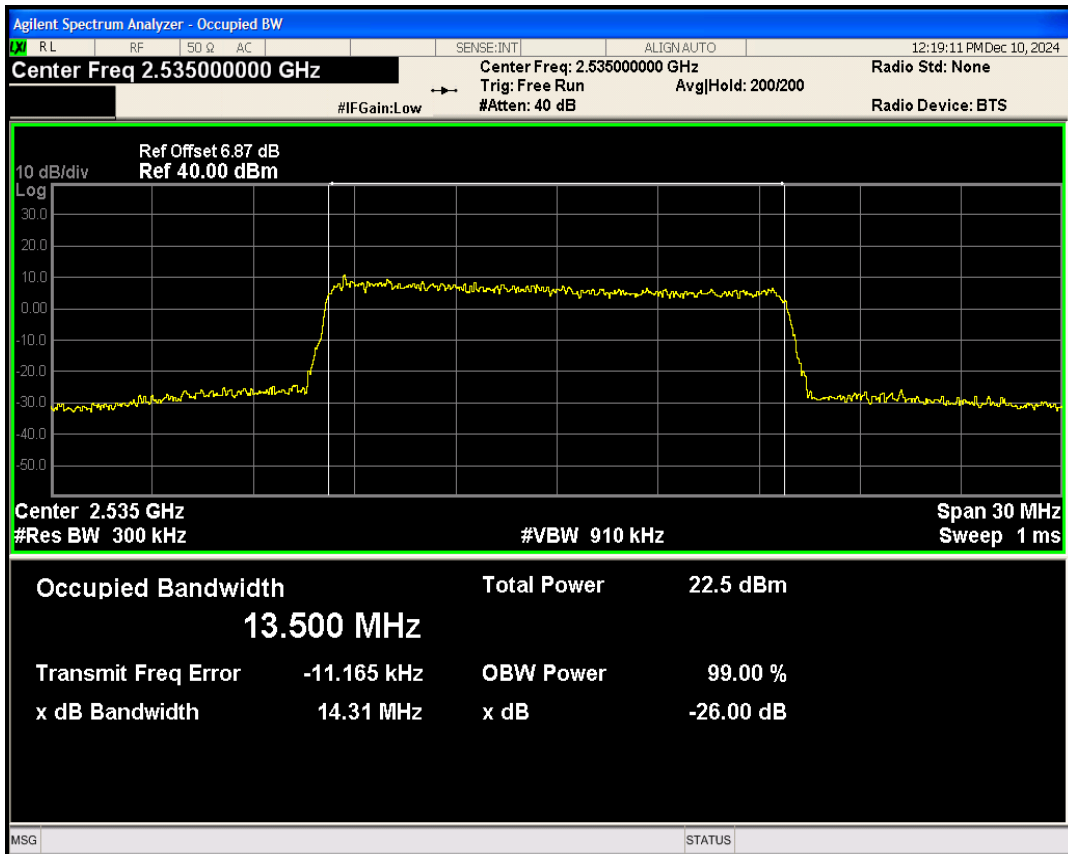
Band7 QPSK BW=10MHz Channel=21400 RB Size=50 Position=#0



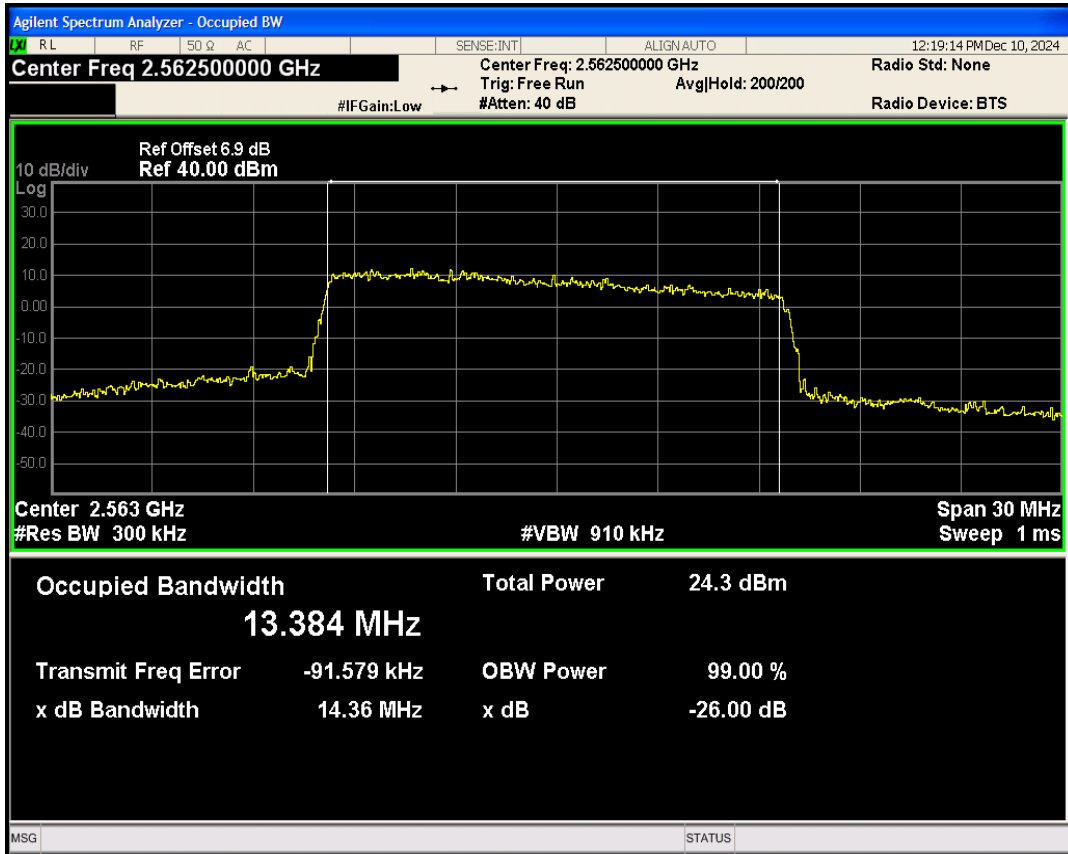
Band7 QPSK BW=15MHz Channel=20825 RB Size=75 Position=#0



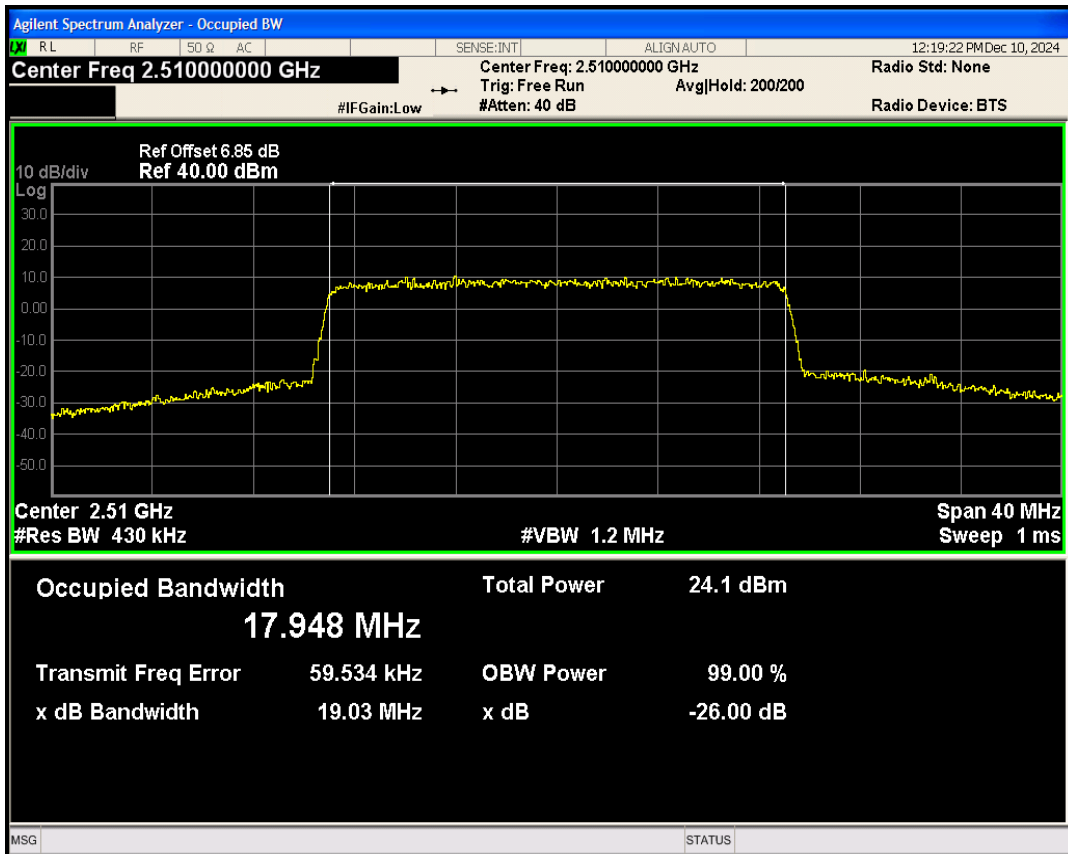
Band7 QPSK BW=15MHz Channel=21100 RB Size=75 Position=#0



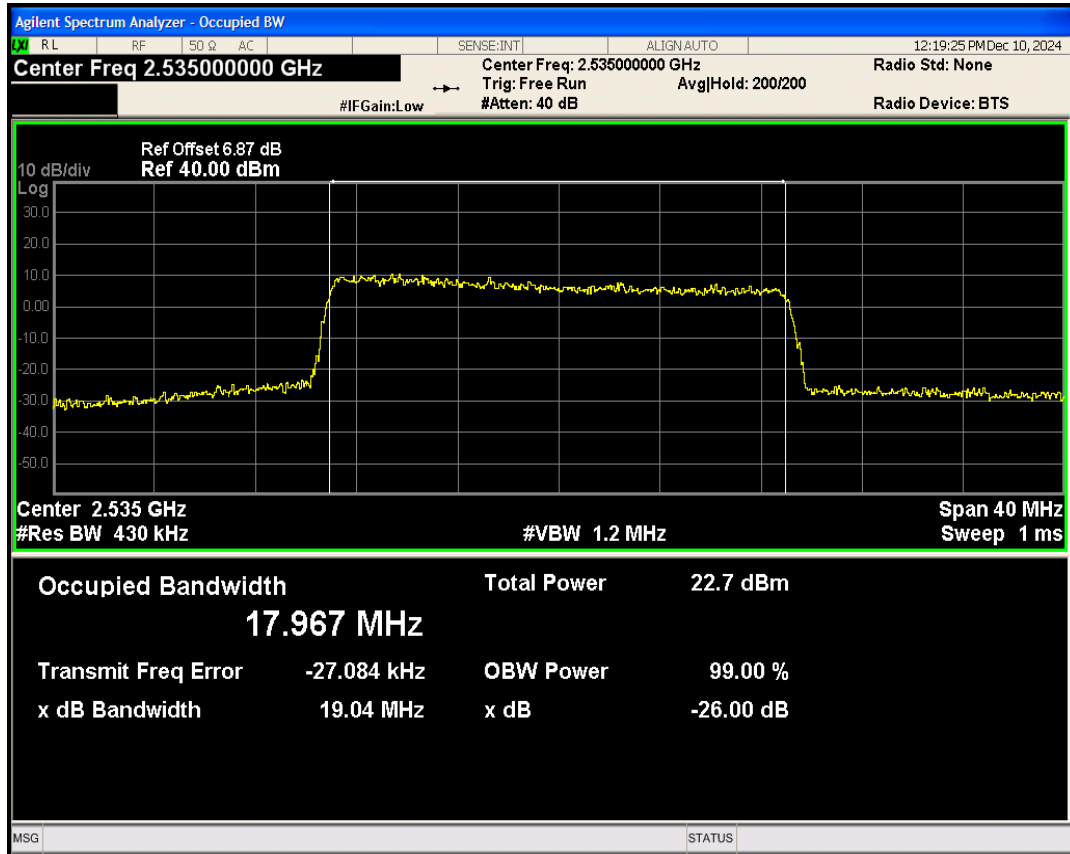
Band7 QPSK BW=15MHz Channel=21375 RB Size=75 Position=#0



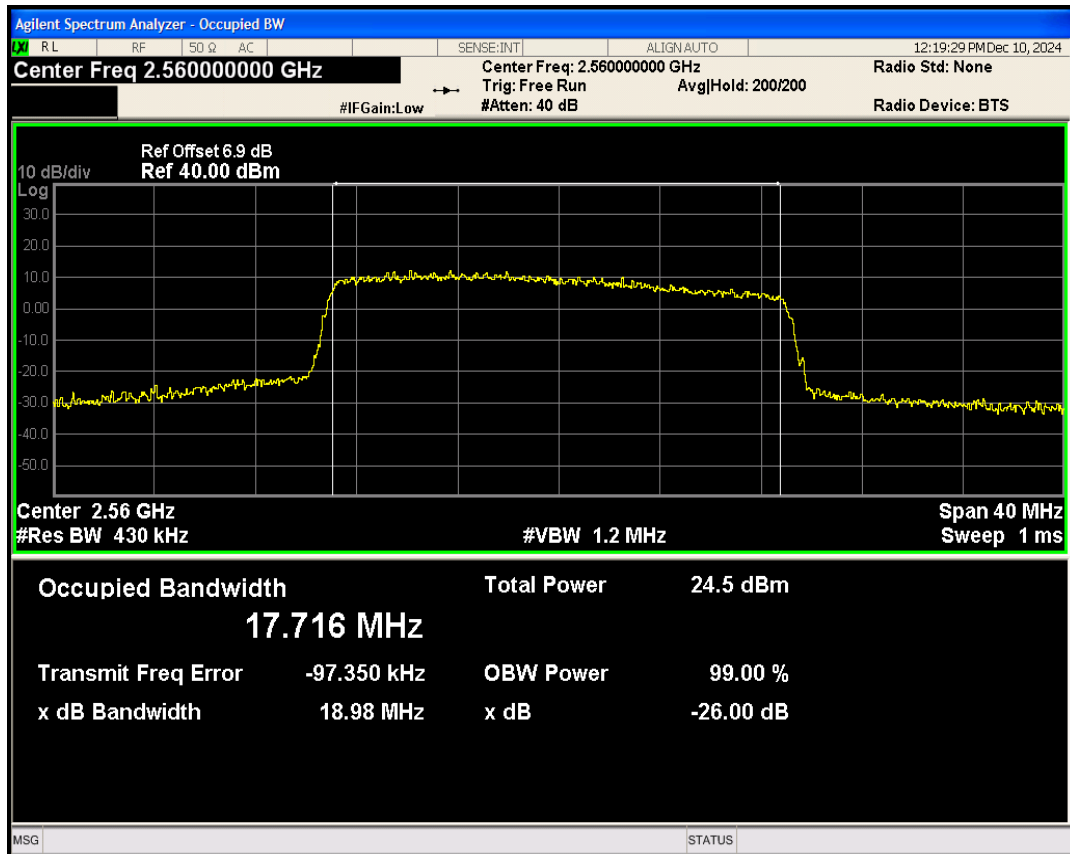
Band7 QPSK BW=20MHz Channel=20850 RB Size=100 Position=#0



Band 7 QPSK BW=20MHz Channel=21100 RB Size=100 Position=#0



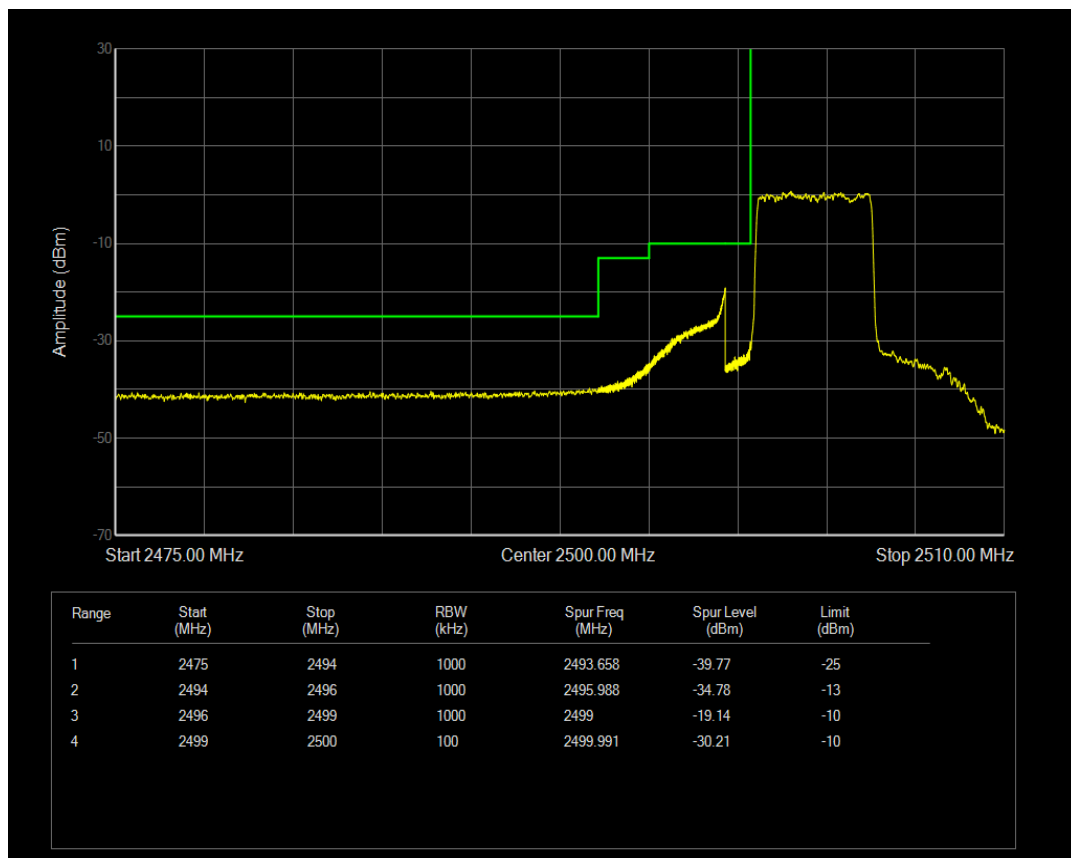
Band7 QPSK BW=20MHz Channel=21350 RB Size=100 Position=#0



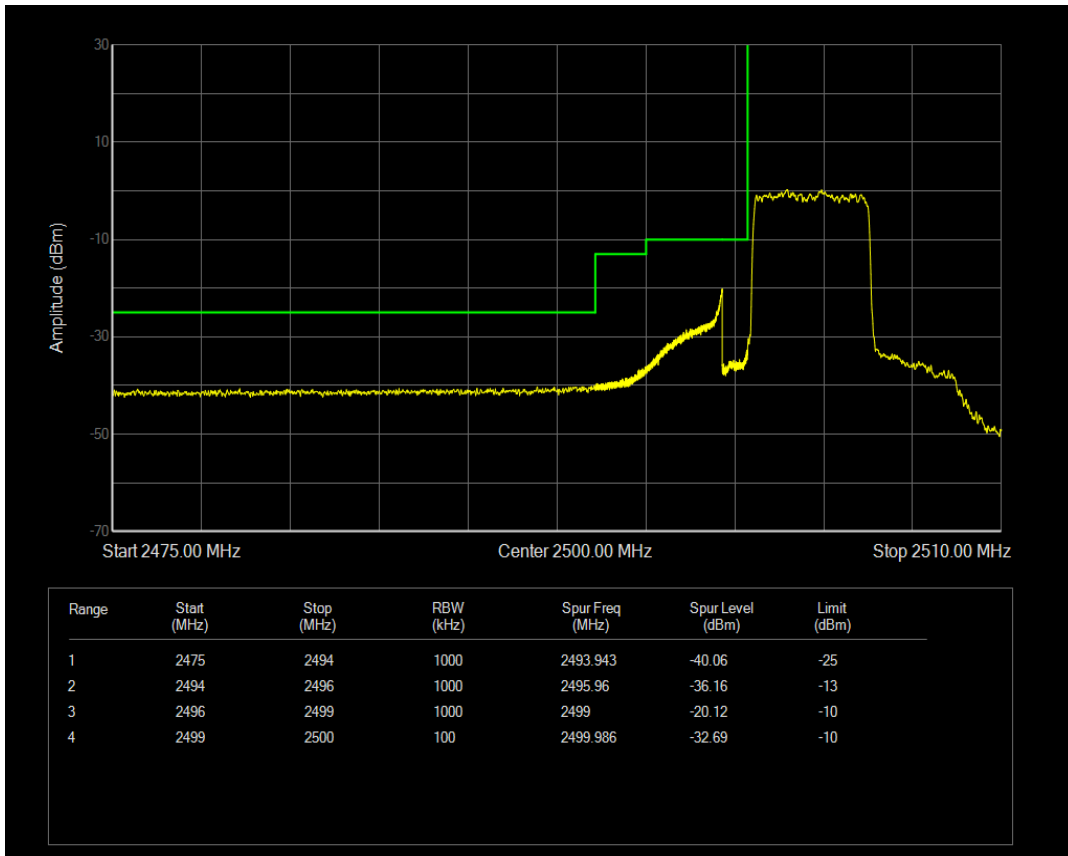
Appendix 5. Band edge

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	-19.14	-10	PASS
Band7	5	20775	25	#0	16QAM	2499.00	-20.12	-10	PASS
Band7	5	21425	25	#0	QPSK	2571.00	-22.55	-10	PASS
Band7	5	21425	25	#0	16QAM	2571.00	-23.83	-10	PASS
Band7	10	20800	50	#0	QPSK	2498.98	-24.91	-10	PASS
Band7	10	21400	50	#0	QPSK	2582.39	-40.20	-25	PASS
Band7	15	20825	75	#0	QPSK	2498.99	-25.31	-10	PASS
Band7	15	21375	75	#0	QPSK	2585.21	-39.87	-25	PASS
Band7	20	20850	100	#0	QPSK	2479.92	-40.55	-25	PASS
Band7	20	21350	100	#0	QPSK	2590.21	-40.24	-25	PASS

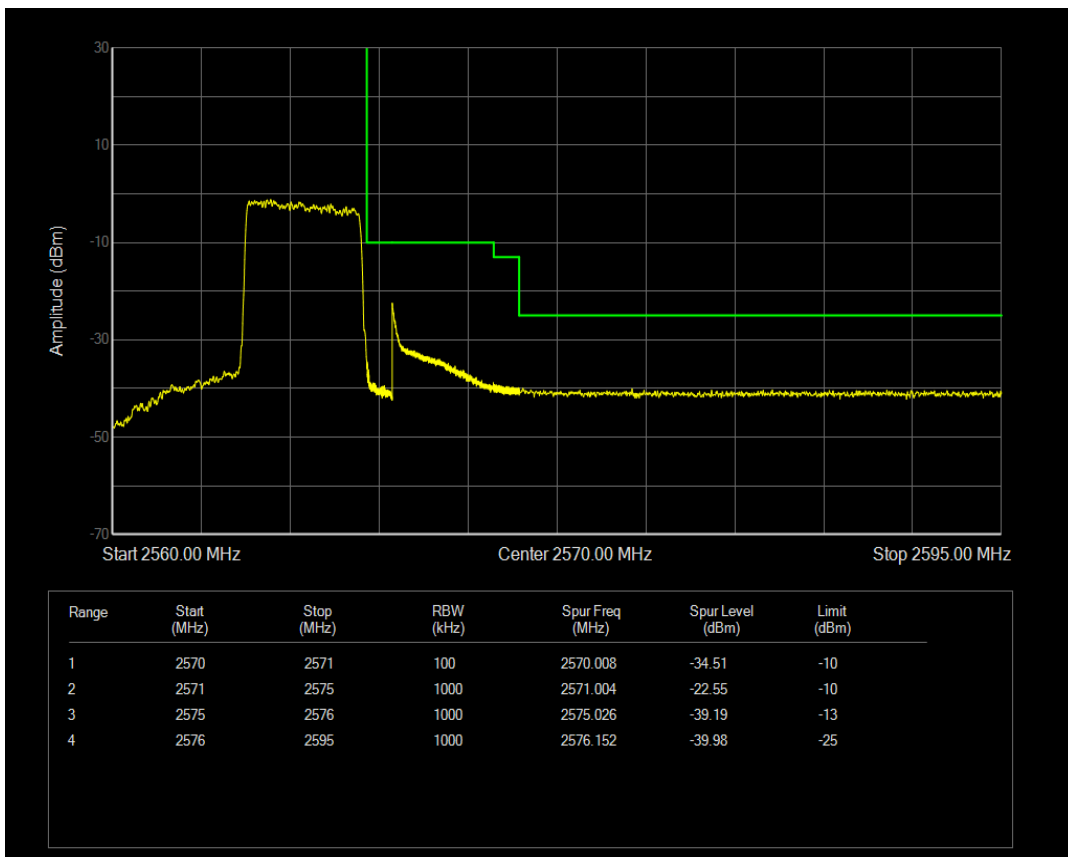
Band7 QPSK BW=5MHz Channel=20775 RB Size=25 Position=#0



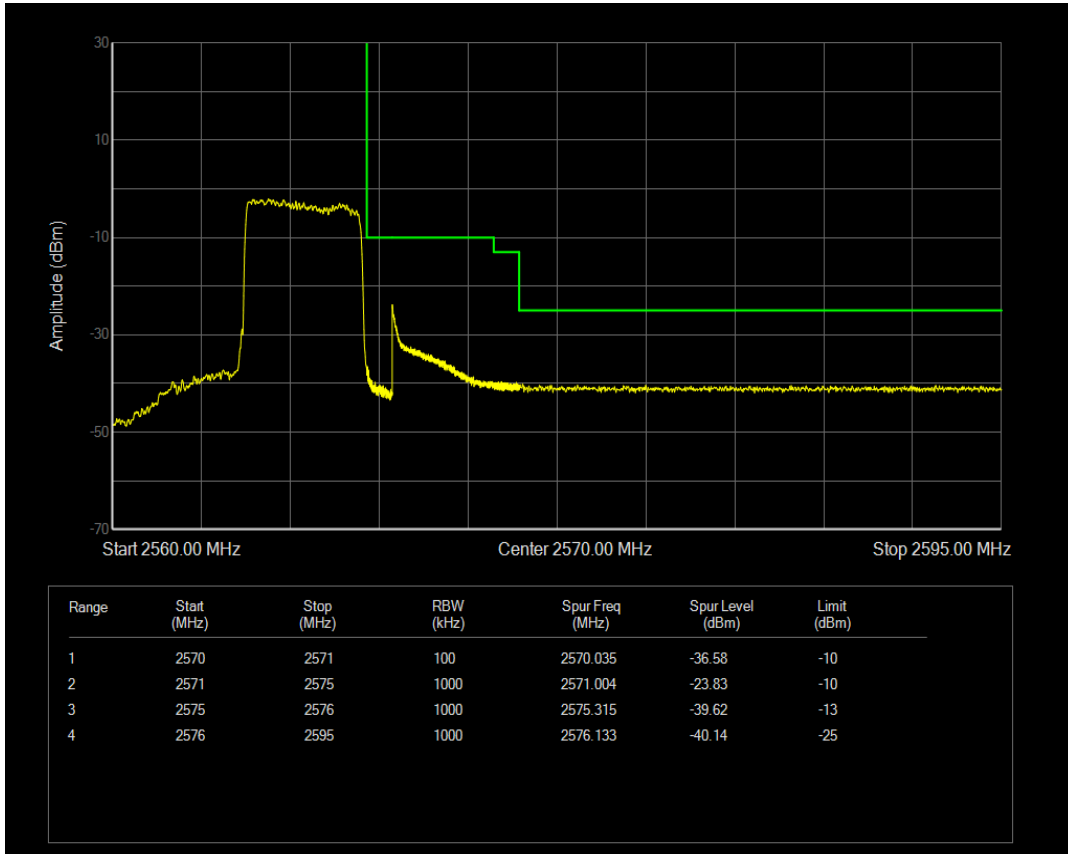
Band7 16QAM BW=5MHz Channel=20775 RB Size=25 Position=#0



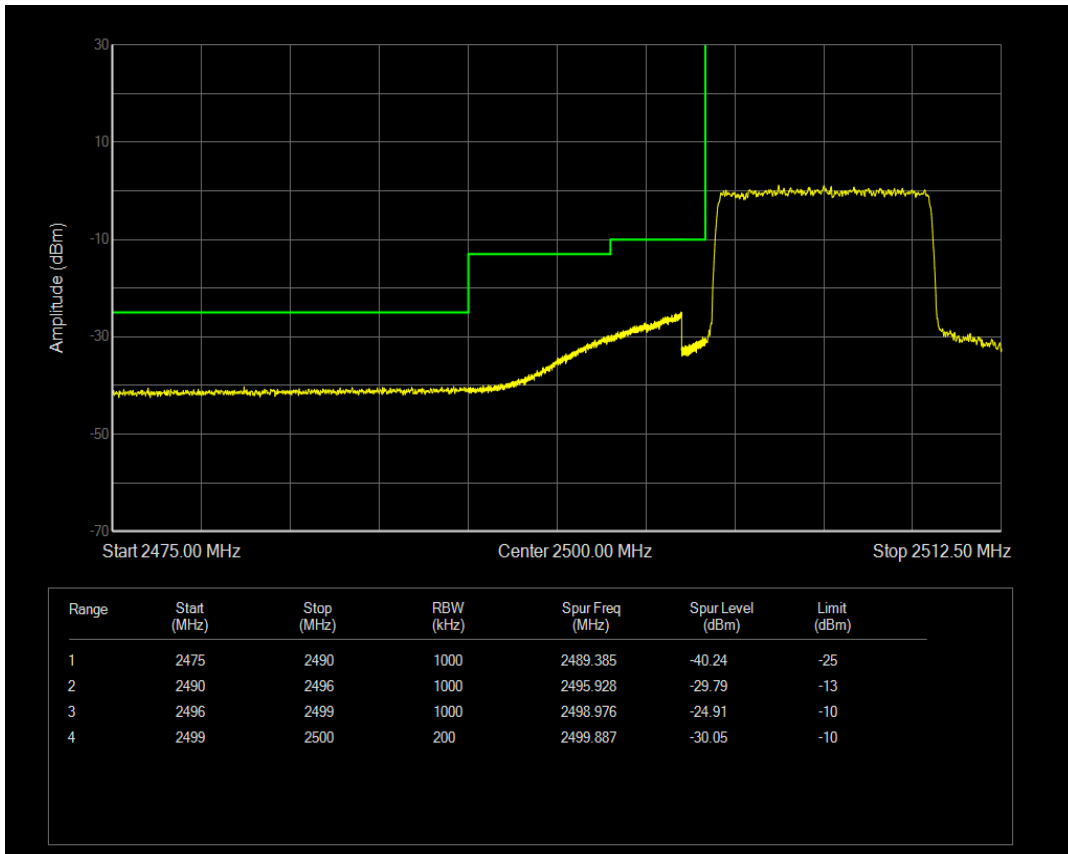
Band7 QPSK BW=5MHz Channel=21425 RB Size=25 Position=#0



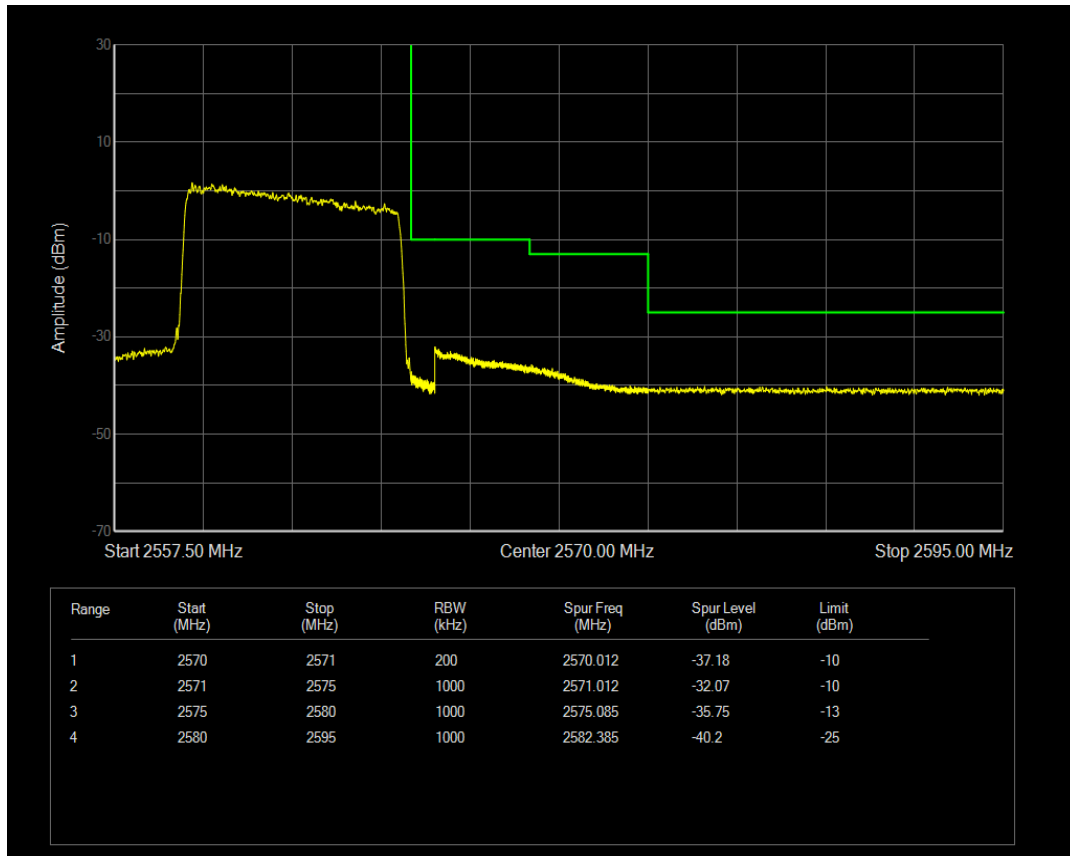
Band7 16QAM BW=5MHz Channel=21425 RB Size=25 Position=#0



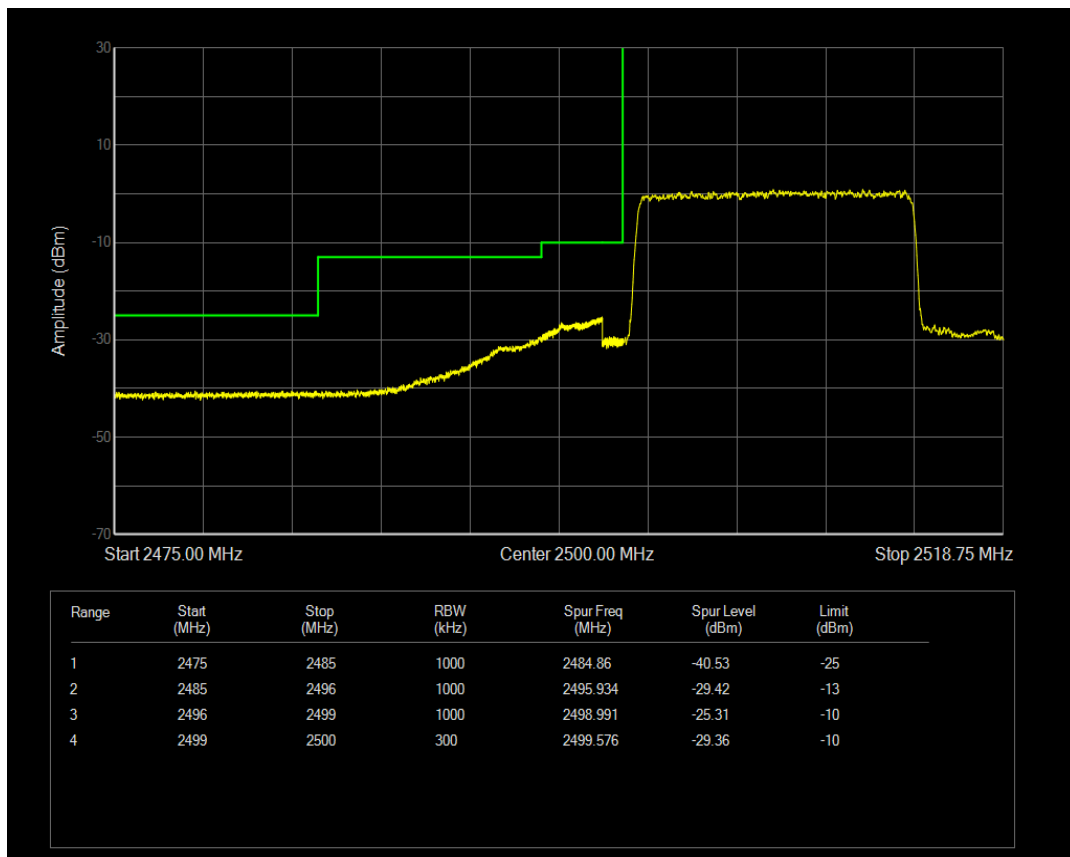
Band7 QPSK BW=10MHz Channel=20800 RB Size=50 Position=#0



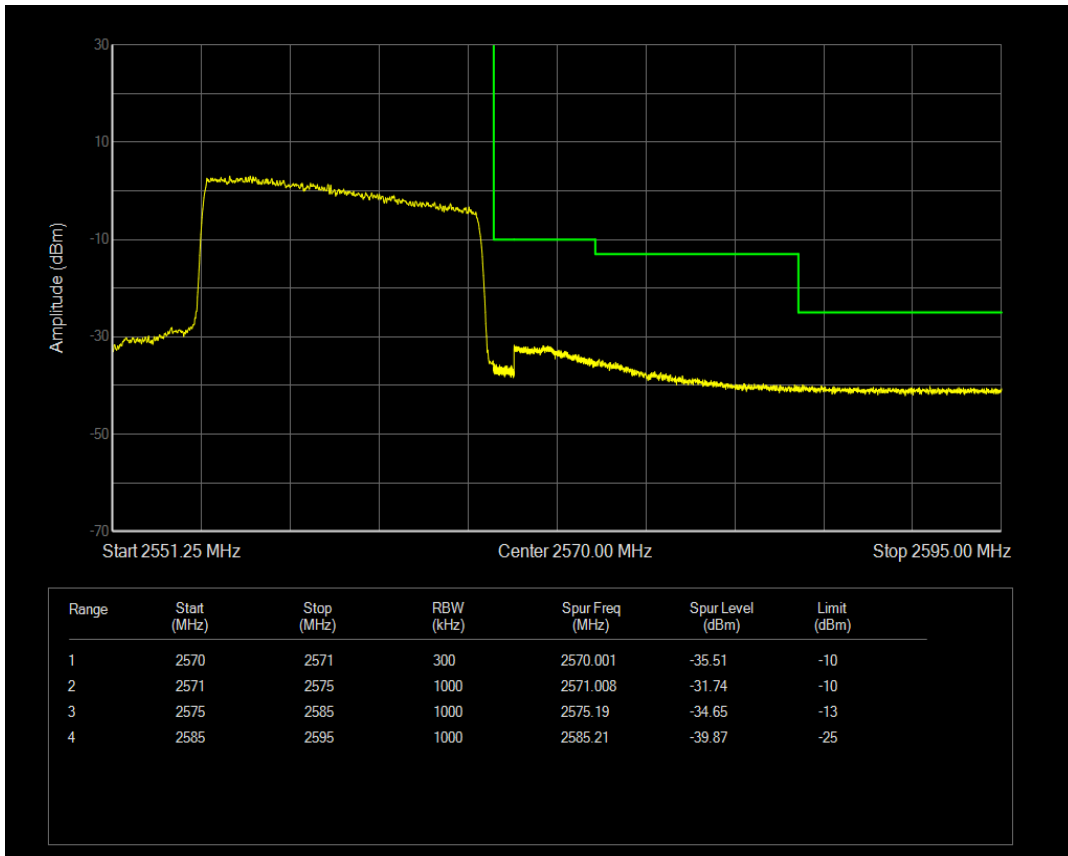
Band7 QPSK BW=10MHz Channel=21400 RB Size=50 Position=#0



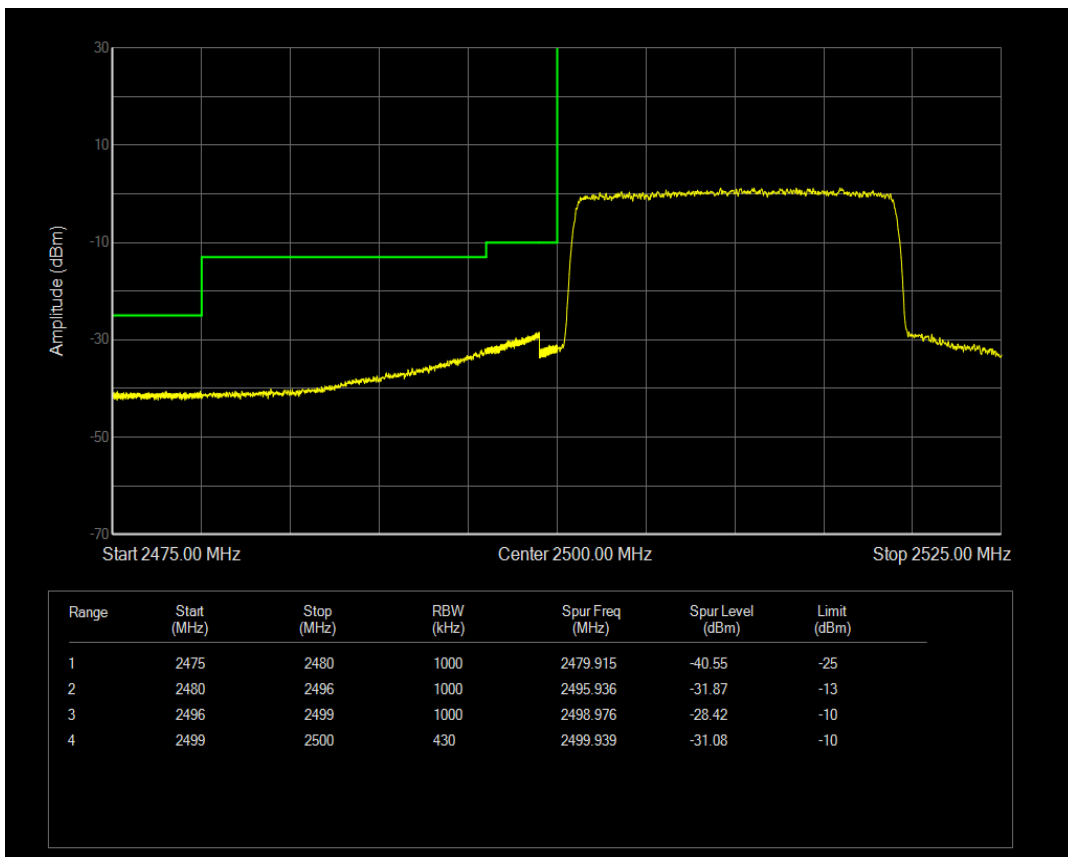
Band7 QPSK BW=15MHz Channel=20825 RB Size=75 Position=#0



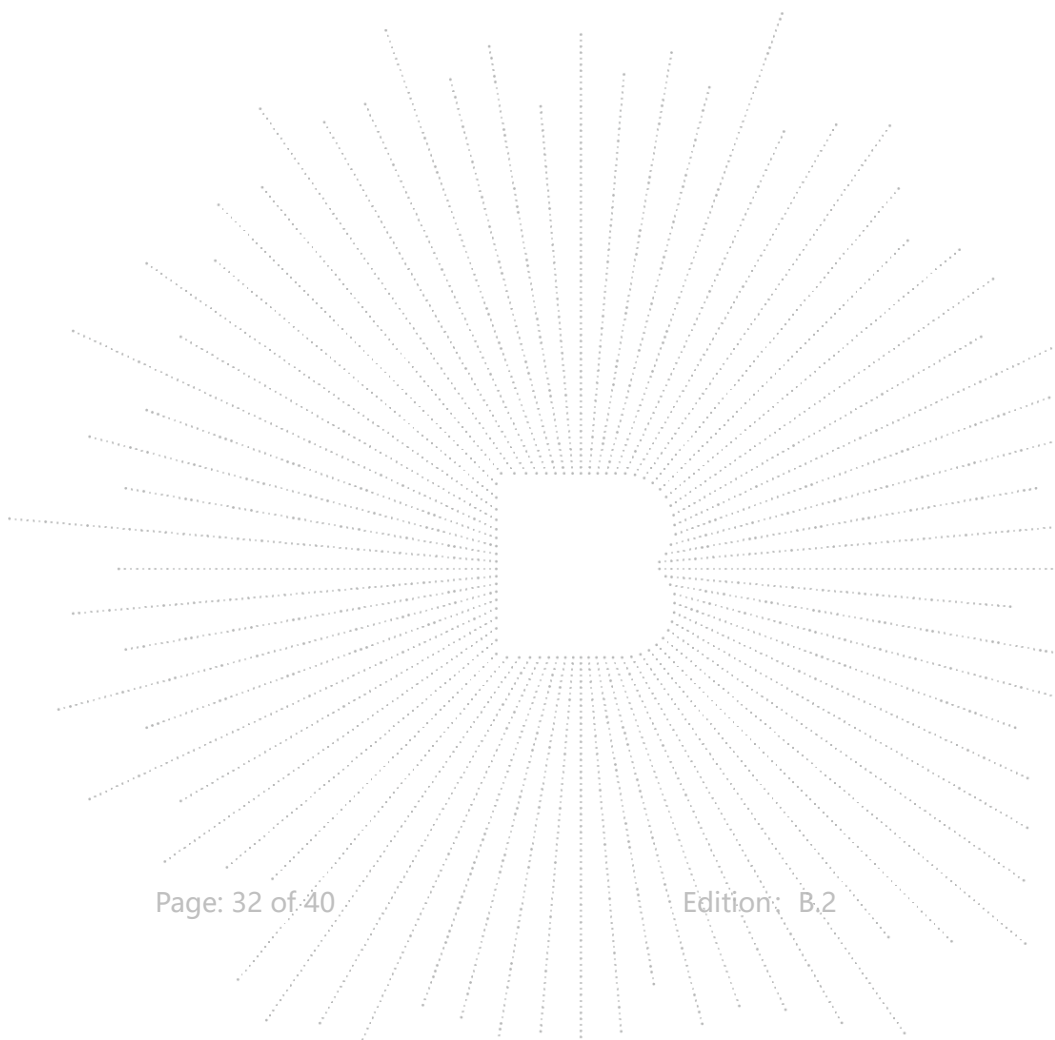
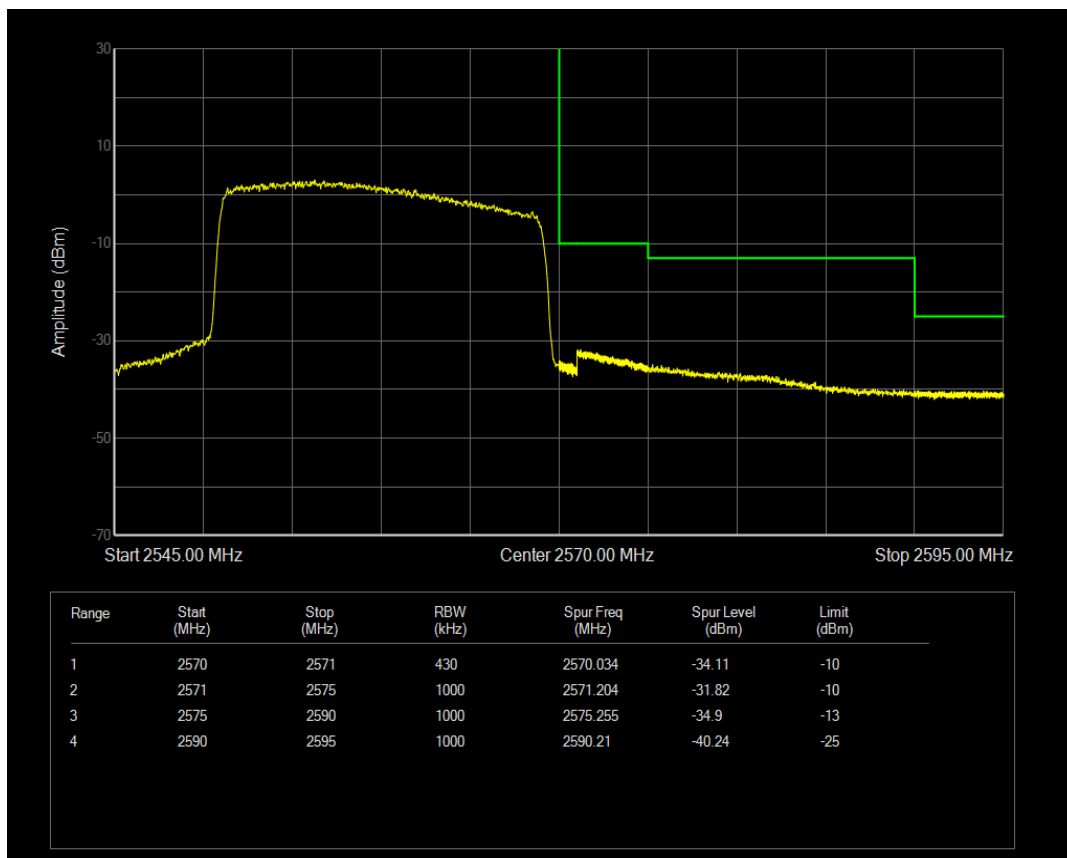
Band7 QPSK BW=15MHz Channel=21375 RB Size=75 Position=#0



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



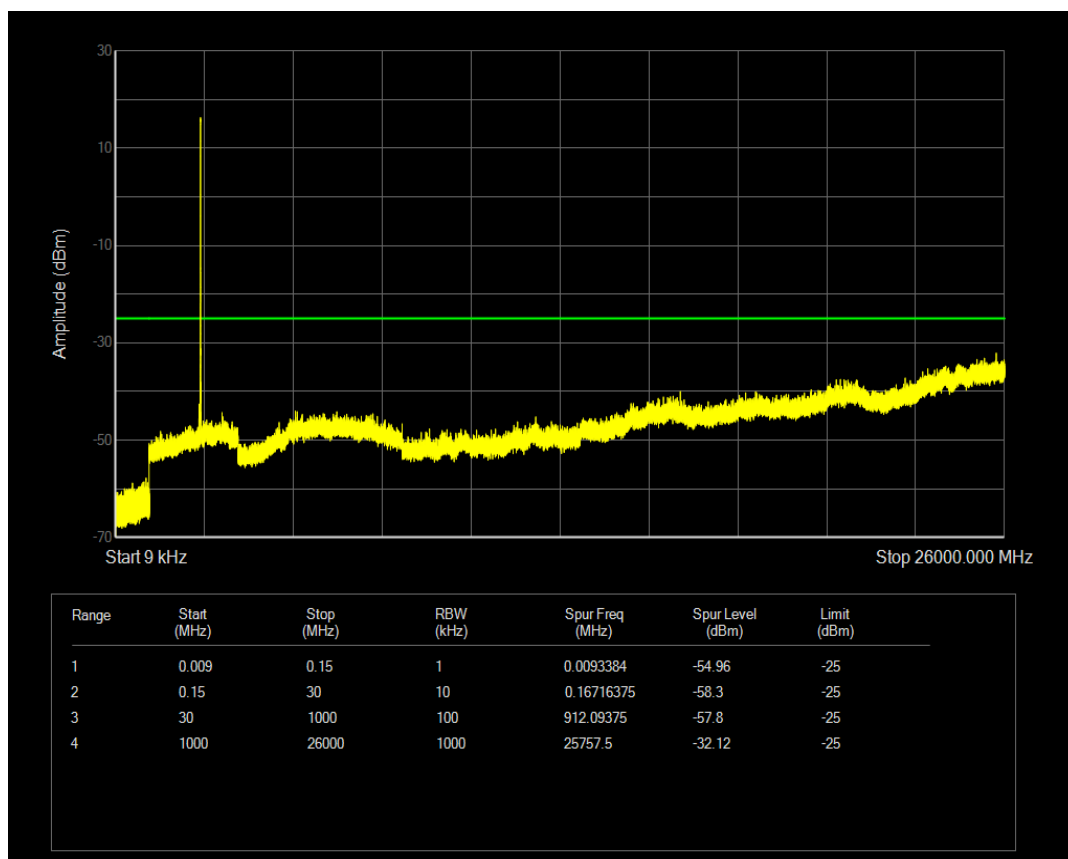
Band7 QPSK BW=20MHz Channel=21350 RB Size=100 Position=#0



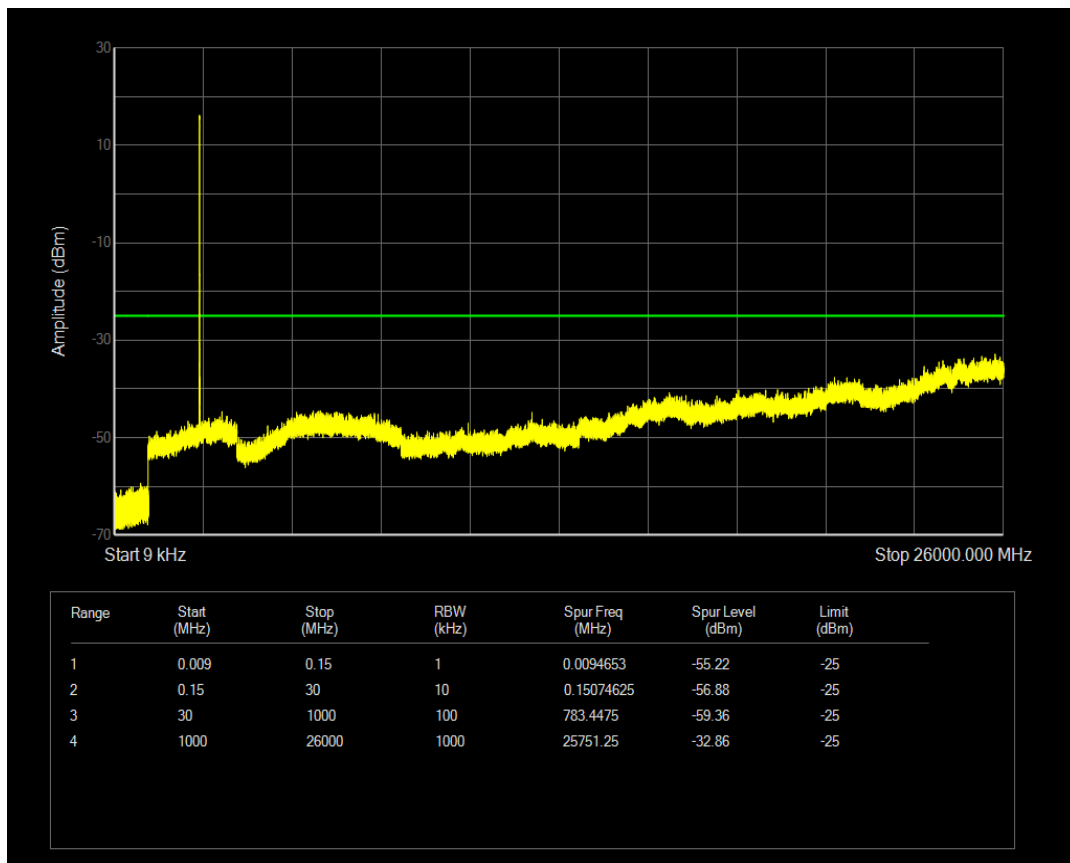
Appendix 6. Out-of-band emissions

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	25757.50	-32.12	-25	PASS
Band7	5	20775	25	#0	16QAM	25751.25	-32.86	-25	PASS
Band7	5	21100	25	#0	QPSK	25555.63	-32.75	-25	PASS
Band7	5	21100	25	#0	16QAM	25839.38	-33.03	-25	PASS
Band7	5	21425	25	#0	QPSK	25816.25	-33.14	-25	PASS
Band7	5	21425	25	#0	16QAM	25298.13	-33.05	-25	PASS
Band7	10	20800	50	#0	QPSK	24266.25	-33.04	-25	PASS
Band7	10	21100	50	#0	QPSK	25170.00	-33.21	-25	PASS
Band7	10	21400	50	#0	QPSK	25791.88	-32.71	-25	PASS
Band7	15	20825	75	#0	QPSK	25881.88	-33.11	-25	PASS
Band7	15	21100	75	#0	QPSK	25523.75	-33.16	-25	PASS
Band7	15	21375	75	#0	QPSK	25060.00	-33.03	-25	PASS
Band7	20	20850	100	#0	QPSK	25961.88	-33.14	-25	PASS
Band7	20	21100	100	#0	QPSK	24758.75	-33.57	-25	PASS
Band7	20	21350	100	#0	QPSK	25097.50	-32.56	-25	PASS

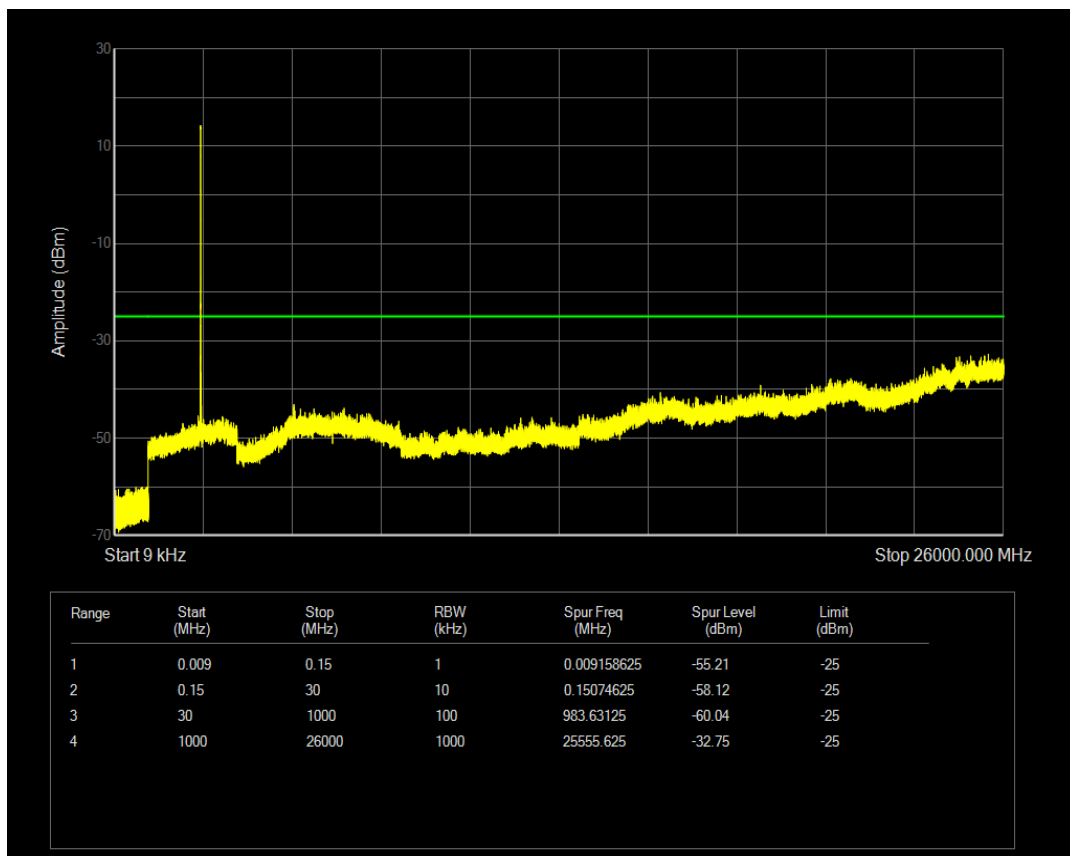
Band7 QPSK BW=5MHz Channel=20775 RB Size=25 Position=#0



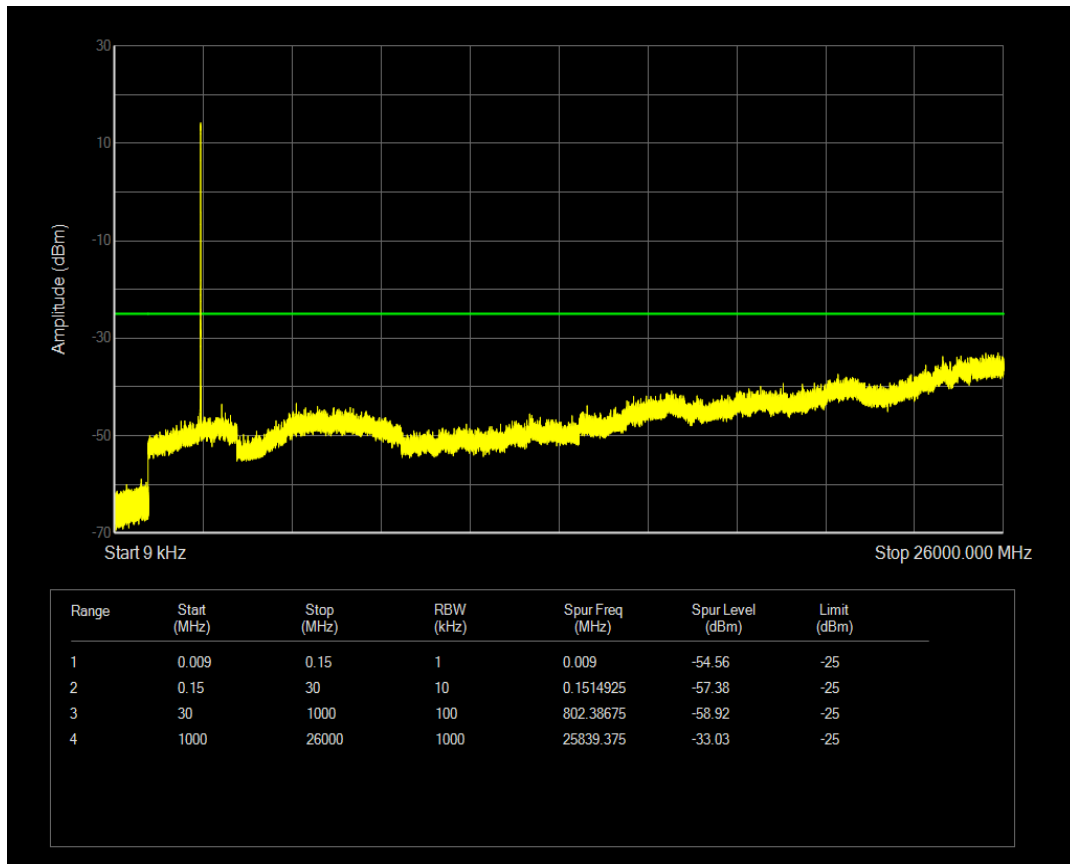
Band7 16QAM BW=5MHz Channel=20775 RB Size=25 Position=#0



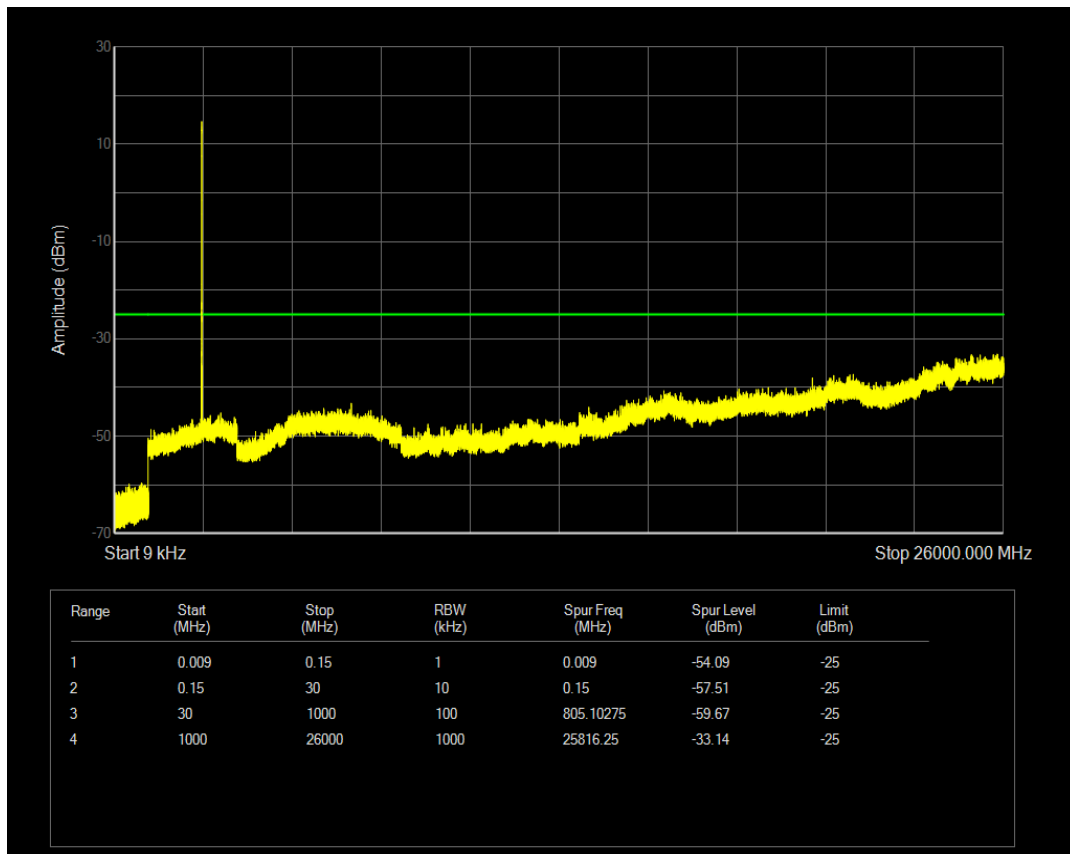
Band7 QPSK BW=5MHz Channel=21100 RB Size=25 Position=#0



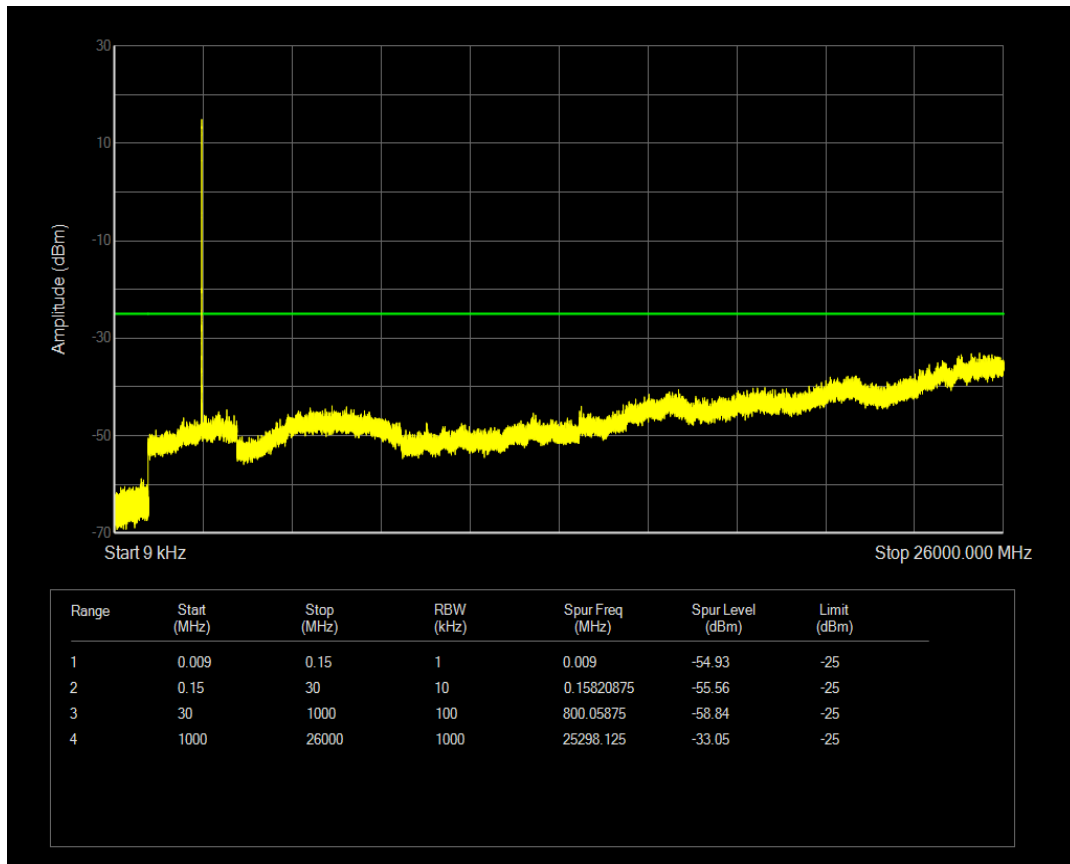
Band7 16QAM BW=5MHz Channel=21100 RB Size=25 Position=#0



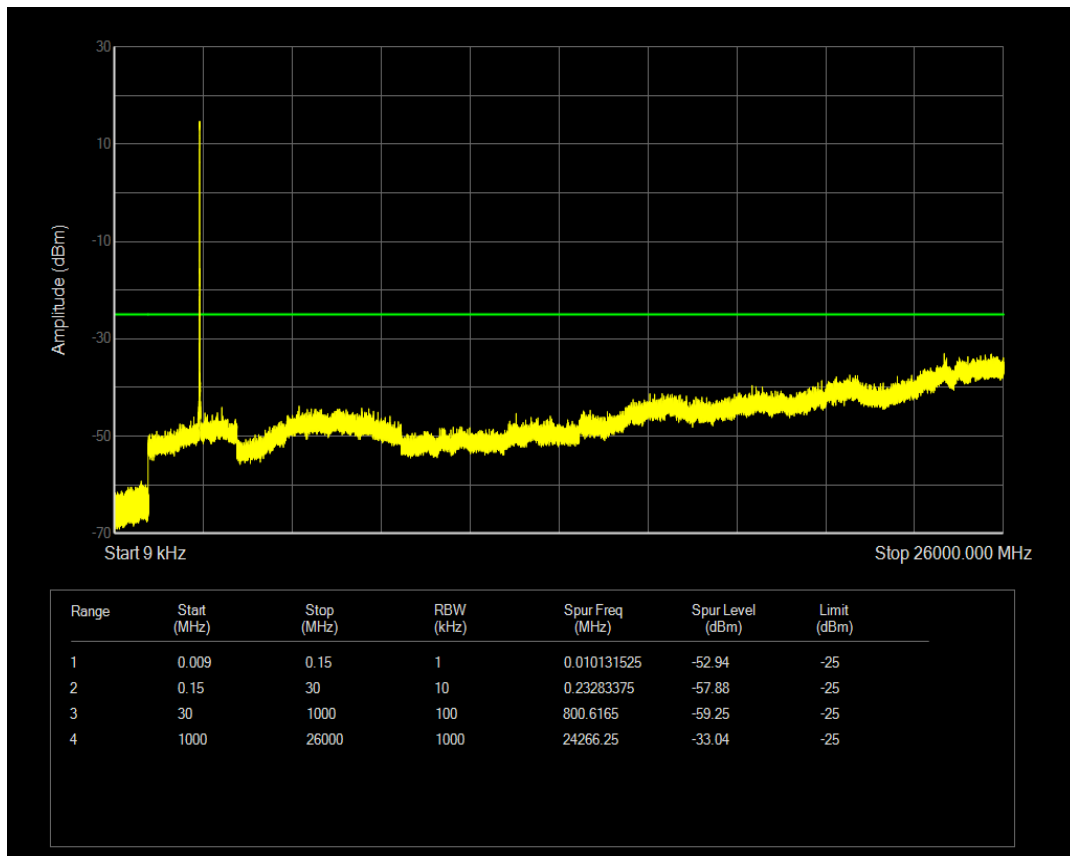
Band7 QPSK BW=5MHz Channel=21425 RB Size=25 Position=#0



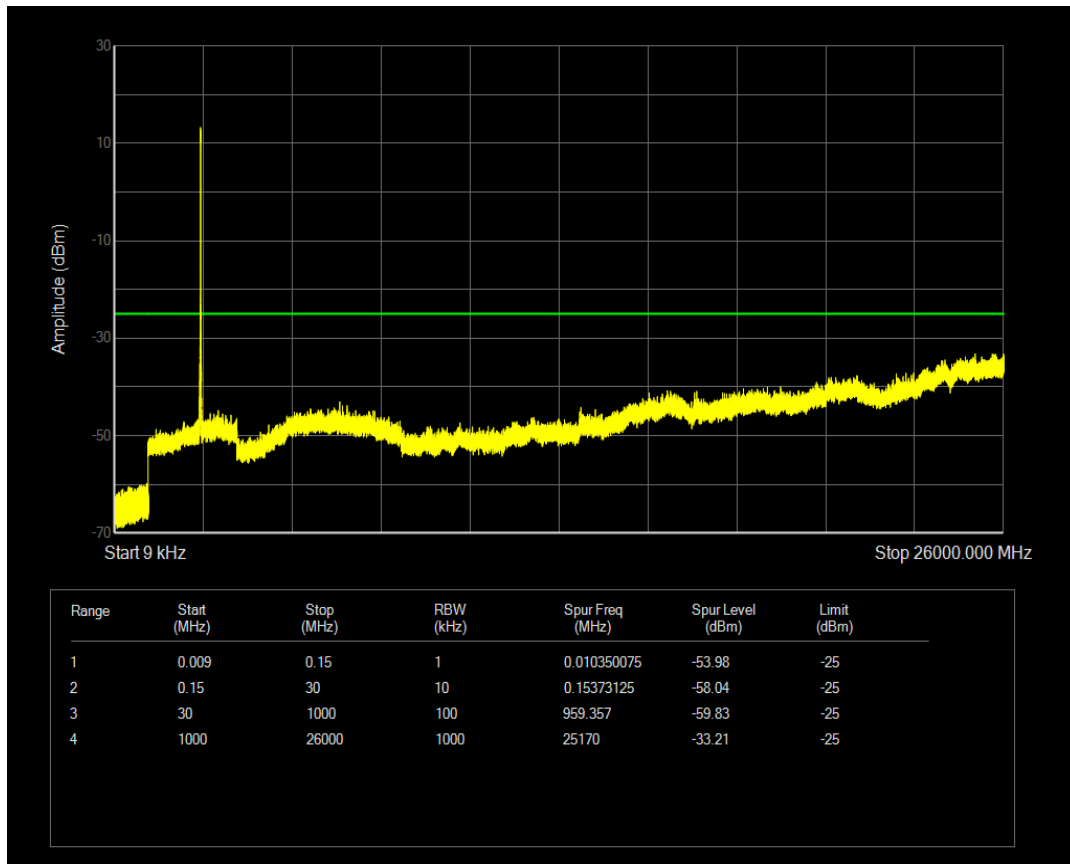
Band7 16QAM BW=5MHz Channel=21425 RB Size=25 Position=#0



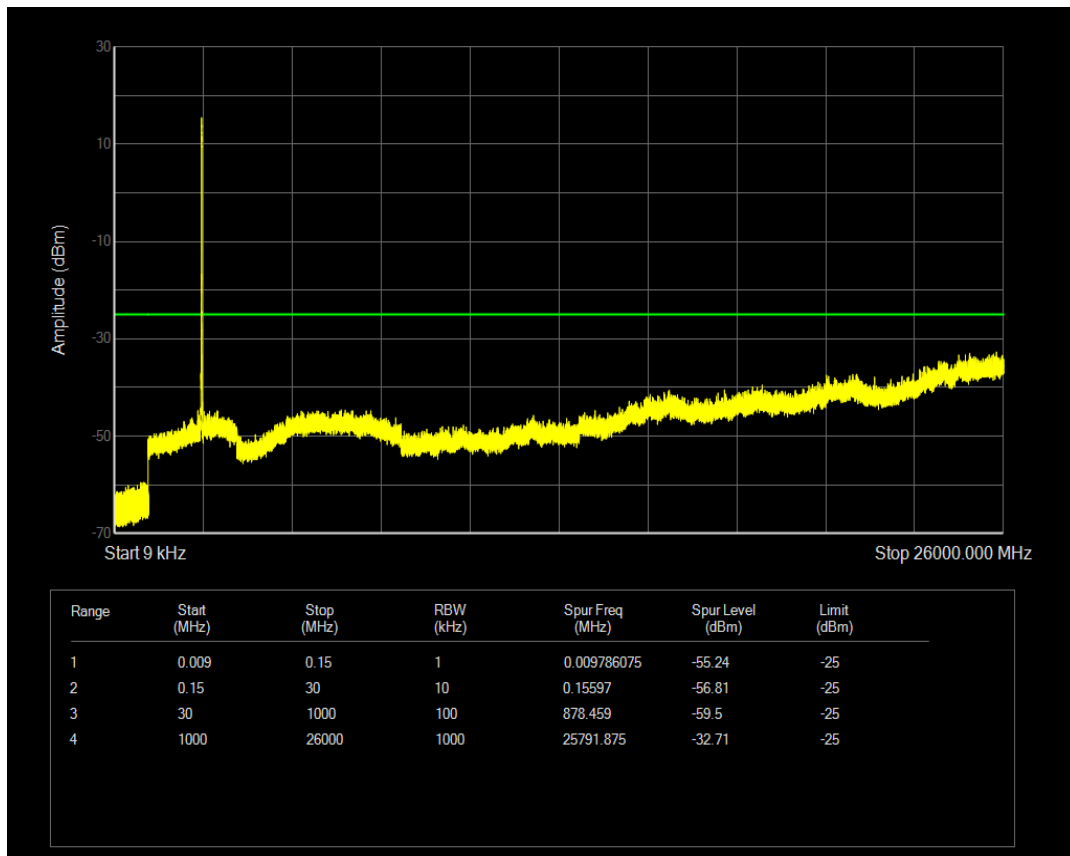
Band7 QPSK BW=10MHz Channel=20800 RB Size=50 Position=#0



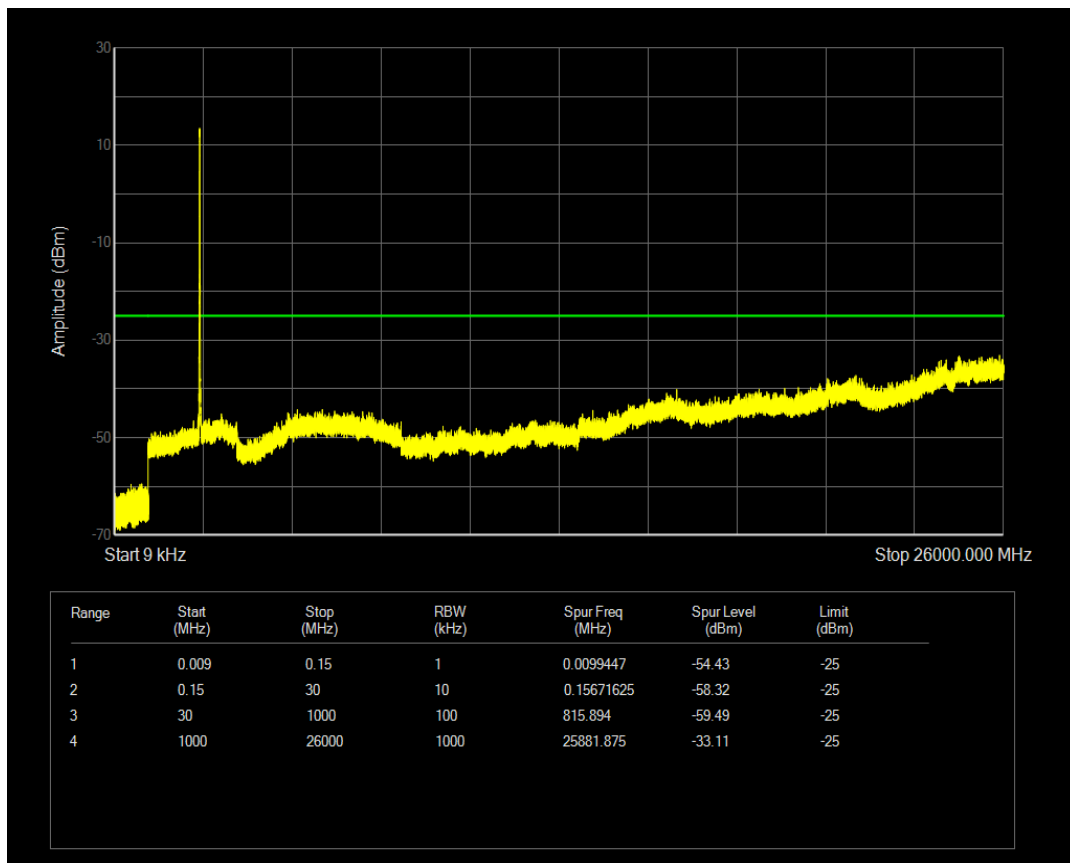
Band7 QPSK BW=10MHz Channel=21100 RB Size=50 Position=#0



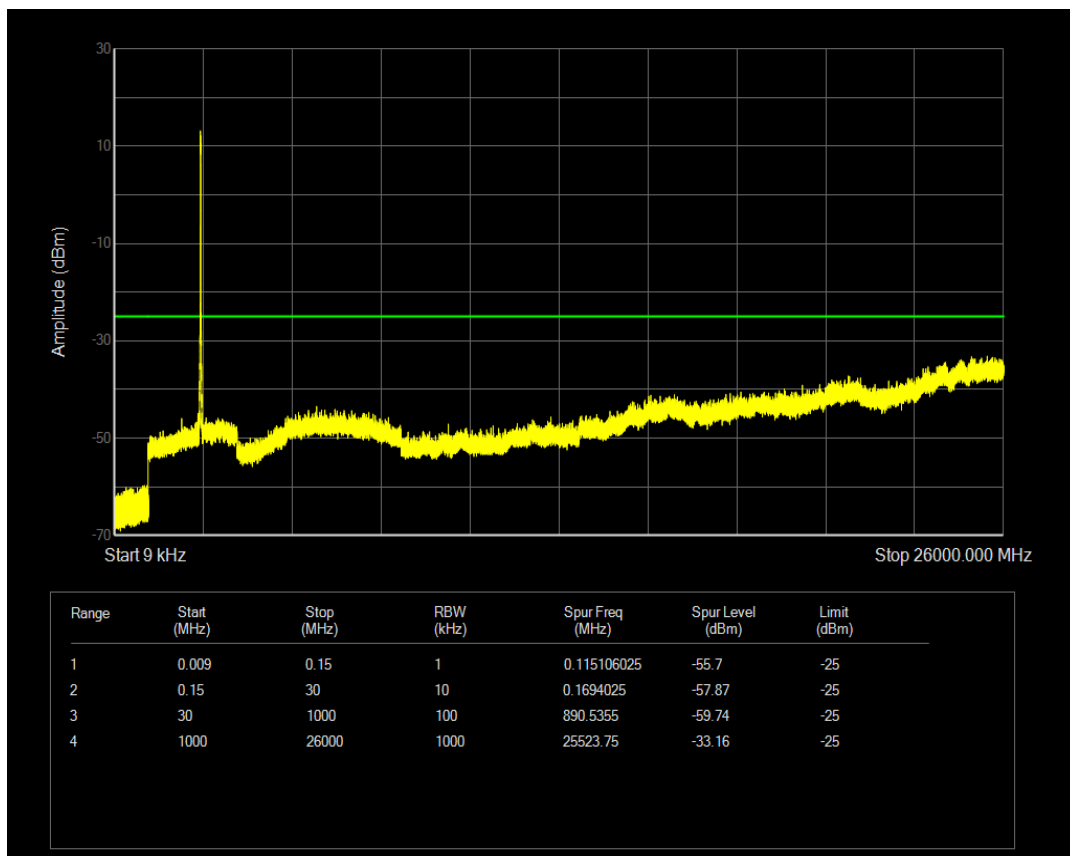
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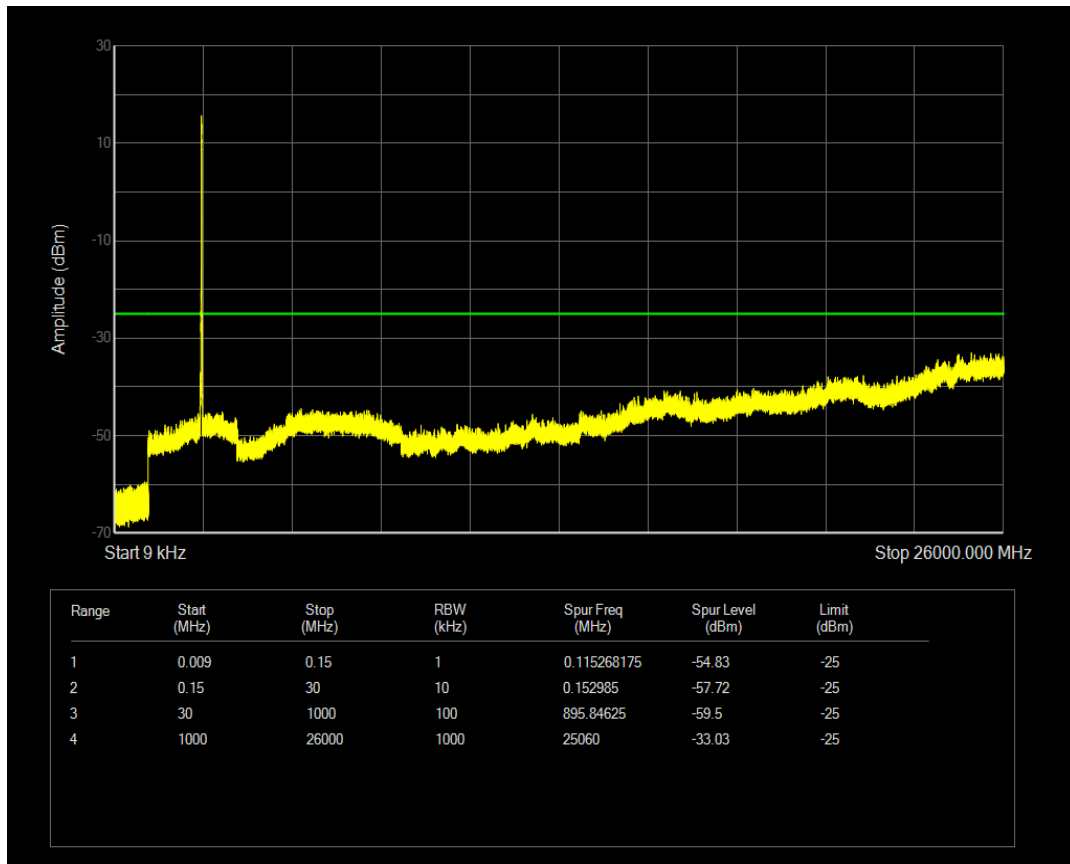
Band7 QPSK BW=15MHz Channel=20825 RB Size=75 Position=#0



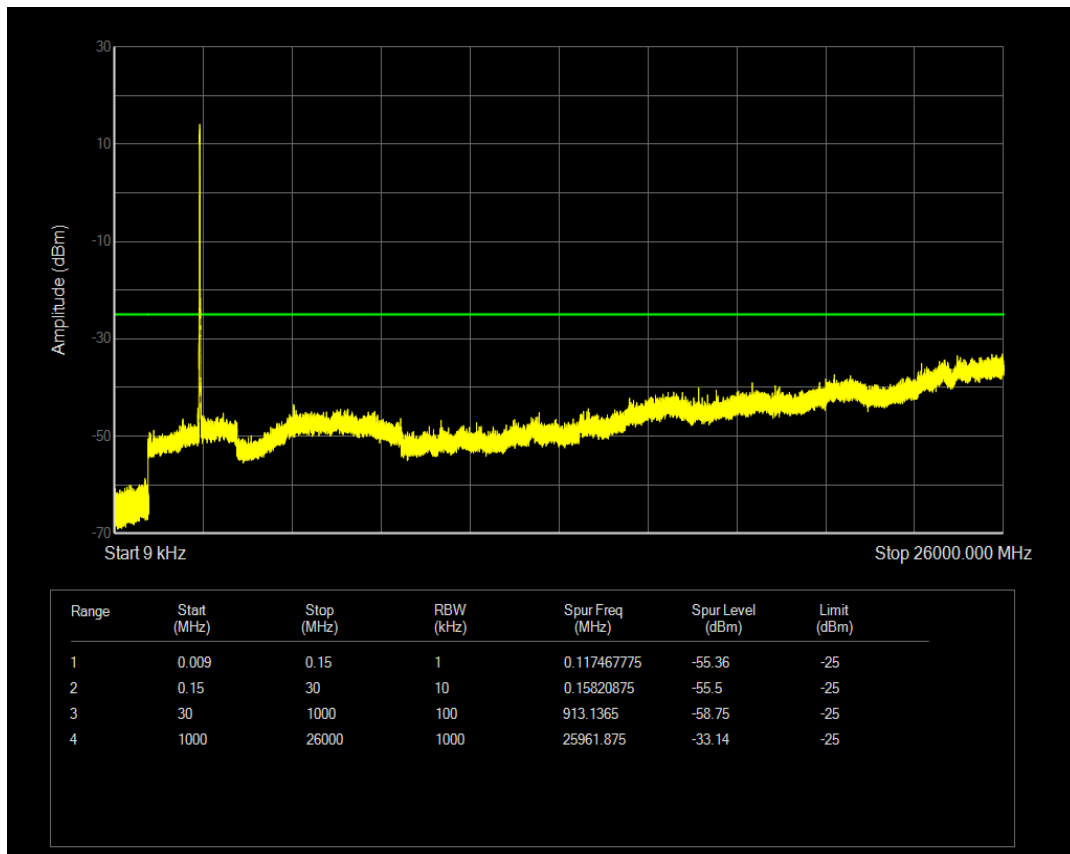
Band7 QPSK BW=15MHz Channel=21100 RB Size=75 Position=#0



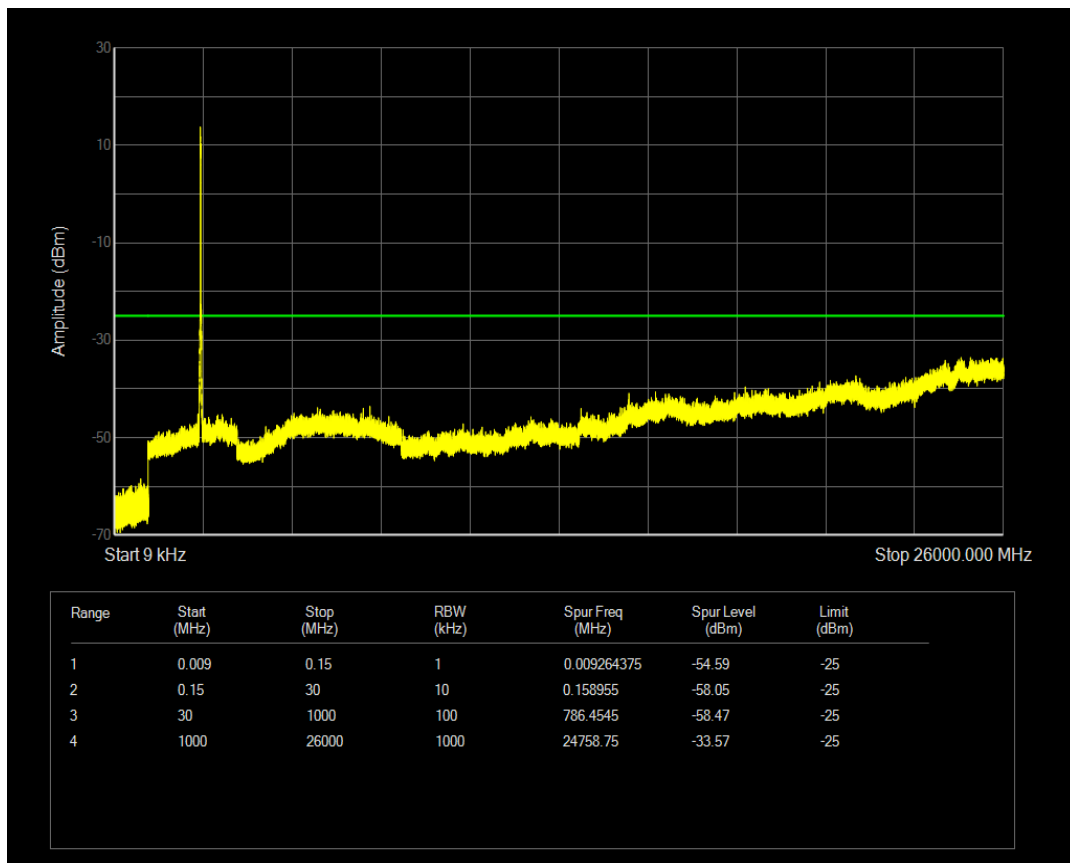
Band7 QPSK BW=15MHz Channel=21375 RB Size=75 Position=#0



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



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



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

