

Band 7

Report No.: BCTC2310798345-2E

Applicant: SEEWORLD Technology Co.,Ltd

Product Name: Gps Tracker

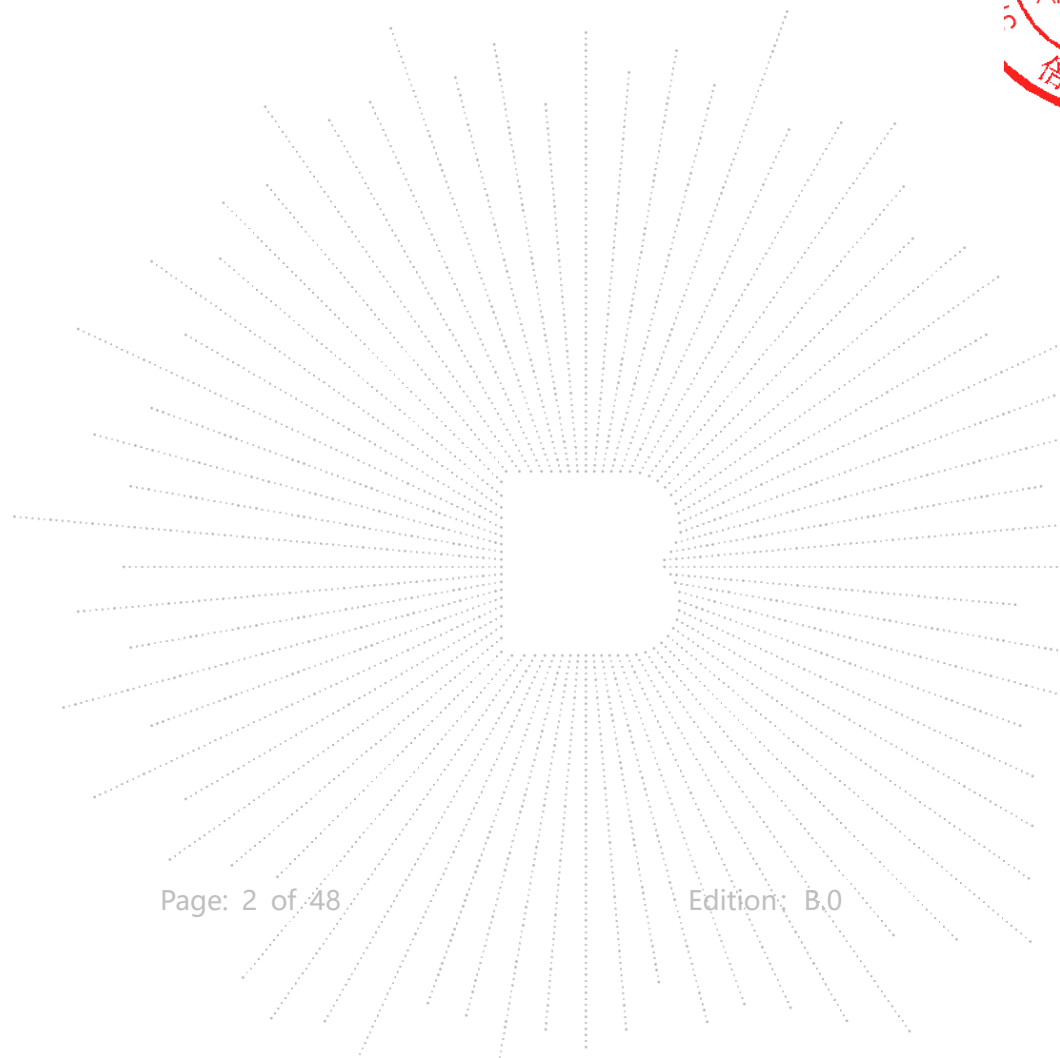
Model/Type
reference: W18L

Tested Date: 2023-10-19 to 2023-11-24

Shenzhen BCTC Testing Co., Ltd.

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Appendix 1. Effective Isotropic Radiated Power

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Gain (dBm)	EIRP (dBm)	Verdict
Band7	5	20775	1	#0	QPSK	20.68	1.7	22.38	PASS
Band7	5	20775	1	#Mid	QPSK	20.71	1.7	22.41	PASS
Band7	5	20775	1	#Max	QPSK	20.81	1.7	22.51	PASS
Band7	5	20775	12	#0	QPSK	19.62	1.7	21.32	PASS
Band7	5	20775	12	#Mid	QPSK	19.75	1.7	21.45	PASS
Band7	5	20775	12	#Max	QPSK	19.73	1.7	21.43	PASS
Band7	5	20775	25	#0	QPSK	19.69	1.7	21.39	PASS
Band7	5	20775	1	#0	16QAM	20.01	1.7	21.71	PASS
Band7	5	20775	1	#Mid	16QAM	20.04	1.7	21.74	PASS
Band7	5	20775	1	#Max	16QAM	20.26	1.7	21.96	PASS
Band7	5	20775	12	#0	16QAM	18.59	1.7	20.29	PASS
Band7	5	20775	12	#Mid	16QAM	18.75	1.7	20.45	PASS
Band7	5	20775	12	#Max	16QAM	18.77	1.7	20.47	PASS
Band7	5	20775	25	#0	16QAM	18.76	1.7	20.46	PASS
Band7	5	21100	1	#0	QPSK	21.04	1.7	22.74	PASS
Band7	5	21100	1	#Mid	QPSK	20.88	1.7	22.58	PASS
Band7	5	21100	1	#Max	QPSK	20.79	1.7	22.49	PASS
Band7	5	21100	12	#0	QPSK	19.96	1.7	21.66	PASS
Band7	5	21100	12	#Mid	QPSK	20.04	1.7	21.74	PASS
Band7	5	21100	12	#Max	QPSK	19.91	1.7	21.61	PASS
Band7	5	21100	25	#0	QPSK	19.96	1.7	21.66	PASS
Band7	5	21100	1	#0	16QAM	20.41	1.7	22.11	PASS
Band7	5	21100	1	#Mid	16QAM	20.35	1.7	22.05	PASS
Band7	5	21100	1	#Max	16QAM	20.27	1.7	21.97	PASS
Band7	5	21100	12	#0	16QAM	18.98	1.7	20.68	PASS
Band7	5	21100	12	#Mid	16QAM	19.07	1.7	20.77	PASS
Band7	5	21100	12	#Max	16QAM	18.98	1.7	20.68	PASS
Band7	5	21100	25	#0	16QAM	18.94	1.7	20.64	PASS
Band7	5	21425	1	#0	QPSK	22.14	1.7	23.84	PASS
Band7	5	21425	1	#Mid	QPSK	21.83	1.7	23.53	PASS
Band7	5	21425	1	#Max	QPSK	21.75	1.7	23.45	PASS
Band7	5	21425	12	#0	QPSK	20.81	1.7	22.51	PASS
Band7	5	21425	12	#Mid	QPSK	20.82	1.7	22.52	PASS
Band7	5	21425	12	#Max	QPSK	20.66	1.7	22.36	PASS
Band7	5	21425	25	#0	QPSK	20.75	1.7	22.45	PASS
Band7	5	21425	1	#0	16QAM	21.54	1.7	23.24	PASS
Band7	5	21425	1	#Mid	16QAM	21.33	1.7	23.03	PASS

Band7	5	21425	1	#Max	16QAM	21.28	1.7	22.98	PASS
Band7	5	21425	12	#0	16QAM	19.92	1.7	21.62	PASS
Band7	5	21425	12	#Mid	16QAM	19.97	1.7	21.67	PASS
Band7	5	21425	12	#Max	16QAM	19.78	1.7	21.48	PASS
Band7	5	21425	25	#0	16QAM	19.86	1.7	21.56	PASS
Band7	10	20800	1	#0	QPSK	20.50	1.7	22.20	PASS
Band7	10	20800	1	#Mid	QPSK	20.77	1.7	22.47	PASS
Band7	10	20800	1	#Max	QPSK	21.54	1.7	23.24	PASS
Band7	10	20800	25	#0	QPSK	19.43	1.7	21.13	PASS
Band7	10	20800	25	#Mid	QPSK	19.77	1.7	21.47	PASS
Band7	10	20800	25	#Max	QPSK	20.03	1.7	21.73	PASS
Band7	10	20800	50	#0	QPSK	19.72	1.7	21.42	PASS
Band7	10	21100	1	#0	QPSK	21.00	1.7	22.70	PASS
Band7	10	21100	1	#Mid	QPSK	20.80	1.7	22.50	PASS
Band7	10	21100	1	#Max	QPSK	20.63	1.7	22.33	PASS
Band7	10	21100	25	#0	QPSK	19.72	1.7	21.42	PASS
Band7	10	21100	25	#Mid	QPSK	19.79	1.7	21.49	PASS
Band7	10	21100	25	#Max	QPSK	19.57	1.7	21.27	PASS
Band7	10	21100	50	#0	QPSK	19.67	1.7	21.37	PASS
Band7	10	21400	1	#0	QPSK	22.42	1.7	24.12	PASS
Band7	10	21400	1	#Mid	QPSK	21.97	1.7	23.67	PASS
Band7	10	21400	1	#Max	QPSK	21.65	1.7	23.35	PASS
Band7	10	21400	25	#0	QPSK	20.97	1.7	22.67	PASS
Band7	10	21400	25	#Mid	QPSK	20.86	1.7	22.56	PASS
Band7	10	21400	25	#Max	QPSK	20.52	1.7	22.22	PASS
Band7	10	21400	50	#0	QPSK	20.82	1.7	22.52	PASS
Band7	15	20825	1	#0	QPSK	20.48	1.7	22.18	PASS
Band7	15	20825	1	#Mid	QPSK	21.14	1.7	22.84	PASS
Band7	15	20825	1	#Max	QPSK	22.57	1.7	24.27	PASS
Band7	15	20825	36	#0	QPSK	19.61	1.7	21.31	PASS
Band7	15	20825	36	#Mid	QPSK	20.22	1.7	21.92	PASS
Band7	15	20825	36	#Max	QPSK	20.91	1.7	22.61	PASS
Band7	15	20825	75	#0	QPSK	21.38	1.7	23.08	PASS
Band7	15	21100	1	#0	QPSK	21.91	1.7	23.61	PASS
Band7	15	21100	1	#Mid	QPSK	21.08	1.7	22.78	PASS
Band7	15	21100	1	#Max	QPSK	20.75	1.7	22.45	PASS
Band7	15	21100	36	#0	QPSK	20.16	1.7	21.86	PASS
Band7	15	21100	36	#Mid	QPSK	20.02	1.7	21.72	PASS
Band7	15	21100	36	#Max	QPSK	19.80	1.7	21.50	PASS
Band7	15	21100	75	#0	QPSK	20.63	1.7	22.33	PASS
Band7	15	21375	1	#0	QPSK	22.39	1.7	24.09	PASS
Band7	15	21375	1	#Mid	QPSK	22.40	1.7	24.10	PASS

Band7	15	21375	1	#Max	QPSK	21.76	1.7	23.46	PASS
Band7	15	21375	36	#0	QPSK	21.34	1.7	23.04	PASS
Band7	15	21375	36	#Mid	QPSK	21.39	1.7	23.09	PASS
Band7	15	21375	36	#Max	QPSK	20.96	1.7	22.66	PASS
Band7	15	21375	75	#0	QPSK	21.41	1.7	23.11	PASS
Band7	20	20850	1	#0	QPSK	20.59	1.7	22.29	PASS
Band7	20	20850	1	#Mid	QPSK	21.81	1.7	23.51	PASS
Band7	20	20850	1	#Max	QPSK	23.04	1.7	24.74	PASS
Band7	20	20850	50	#0	QPSK	19.86	1.7	21.56	PASS
Band7	20	20850	50	#Mid	QPSK	20.80	1.7	22.50	PASS
Band7	20	20850	50	#Max	QPSK	21.52	1.7	23.22	PASS
Band7	20	20850	100	#0	QPSK	21.58	1.7	23.28	PASS
Band7	20	21100	1	#0	QPSK	22.12	1.7	23.82	PASS
Band7	20	21100	1	#Mid	QPSK	21.13	1.7	22.83	PASS
Band7	20	21100	1	#Max	QPSK	20.82	1.7	22.52	PASS
Band7	20	21100	50	#0	QPSK	20.28	1.7	21.98	PASS
Band7	20	21100	50	#Mid	QPSK	20.06	1.7	21.76	PASS
Band7	20	21100	50	#Max	QPSK	19.79	1.7	21.49	PASS
Band7	20	21100	100	#0	QPSK	21.22	1.7	22.92	PASS
Band7	20	21350	1	#0	QPSK	21.57	1.7	23.27	PASS
Band7	20	21350	1	#Mid	QPSK	22.46	1.7	24.16	PASS
Band7	20	21350	1	#Max	QPSK	21.77	1.7	23.47	PASS
Band7	20	21350	50	#0	QPSK	21.06	1.7	22.76	PASS
Band7	20	21350	50	#Mid	QPSK	21.34	1.7	23.04	PASS
Band7	20	21350	50	#Max	QPSK	21.06	1.7	22.76	PASS
Band7	20	21350	100	#0	QPSK	21.61	1.7	23.31	PASS

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Appendix 2. Frequency stability

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	LV	NT	-15.79	-0.006	PASS
Band7	5	20775	25	#0	QPSK	NV	NT	-3.93	-0.002	PASS
Band7	5	20775	25	#0	QPSK	HV	NT	4.76	0.002	PASS
Band7	5	20775	25	#0	16QAM	LV	NT	11.73	0.005	PASS
Band7	5	20775	25	#0	16QAM	NV	NT	14.05	0.006	PASS
Band7	5	20775	25	#0	16QAM	HV	NT	10.97	0.004	PASS
Band7	5	21100	25	#0	QPSK	LV	NT	4.89	0.002	PASS
Band7	5	21100	25	#0	QPSK	NV	NT	-0.59	0.000	PASS
Band7	5	21100	25	#0	QPSK	HV	NT	-13.83	-0.005	PASS
Band7	5	21100	25	#0	16QAM	LV	NT	-1.67	-0.001	PASS
Band7	5	21100	25	#0	16QAM	NV	NT	4.42	0.002	PASS
Band7	5	21100	25	#0	16QAM	HV	NT	-5.59	-0.002	PASS
Band7	5	21425	25	#0	QPSK	LV	NT	-9.07	-0.004	PASS
Band7	5	21425	25	#0	QPSK	NV	NT	-3.02	-0.001	PASS
Band7	5	21425	25	#0	QPSK	HV	NT	-12.26	-0.005	PASS
Band7	5	21425	25	#0	16QAM	LV	NT	-5.85	-0.002	PASS
Band7	5	21425	25	#0	16QAM	NV	NT	-3.85	-0.001	PASS
Band7	5	21425	25	#0	16QAM	HV	NT	2.45	0.001	PASS
Band7	10	20800	50	#0	QPSK	LV	NT	1.53	0.001	PASS
Band7	10	20800	50	#0	QPSK	NV	NT	0.79	0.000	PASS
Band7	10	20800	50	#0	QPSK	HV	NT	-5.19	-0.002	PASS
Band7	10	21100	50	#0	QPSK	LV	NT	-12.09	-0.005	PASS
Band7	10	21100	50	#0	QPSK	NV	NT	-3.89	-0.002	PASS
Band7	10	21100	50	#0	QPSK	HV	NT	-13.79	-0.005	PASS
Band7	10	21400	50	#0	QPSK	LV	NT	-3.19	-0.001	PASS
Band7	10	21400	50	#0	QPSK	NV	NT	-12.26	-0.005	PASS
Band7	10	21400	50	#0	QPSK	HV	NT	-5.06	-0.002	PASS
Band7	15	20825	75	#0	QPSK	LV	NT	-4.59	-0.002	PASS
Band7	15	20825	75	#0	QPSK	NV	NT	2.27	0.001	PASS
Band7	15	20825	75	#0	QPSK	HV	NT	-8.93	-0.004	PASS
Band7	15	21100	75	#0	QPSK	LV	NT	-12.04	-0.005	PASS
Band7	15	21100	75	#0	QPSK	NV	NT	0.76	0.000	PASS
Band7	15	21100	75	#0	QPSK	HV	NT	-11.66	-0.005	PASS
Band7	15	21375	75	#0	QPSK	LV	NT	-7.12	-0.003	PASS
Band7	15	21375	75	#0	QPSK	NV	NT	-0.77	0.000	PASS
Band7	15	21375	75	#0	QPSK	HV	NT	-3.62	-0.001	PASS
Band7	20	20850	100	#0	QPSK	LV	NT	-8.30	-0.003	PASS

Band7	20	20850	100	#0	QPSK	NV	NT	-1.36	-0.001	PASS
Band7	20	20850	100	#0	QPSK	HV	NT	-5.08	-0.002	PASS
Band7	20	21100	100	#0	QPSK	LV	NT	-5.72	-0.002	PASS
Band7	20	21100	100	#0	QPSK	NV	NT	-9.01	-0.004	PASS
Band7	20	21100	100	#0	QPSK	HV	NT	-7.40	-0.003	PASS
Band7	20	21350	100	#0	QPSK	LV	NT	-6.95	-0.003	PASS
Band7	20	21350	100	#0	QPSK	NV	NT	-8.31	-0.003	PASS
Band7	20	21350	100	#0	QPSK	HV	NT	-6.15	-0.002	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	0.64	0.000	PASS
Band7	5	20775	25	#0	QPSK	NV	-20	7.62	0.003	PASS
Band7	5	20775	25	#0	QPSK	NV	-10	5.75	0.002	PASS
Band7	5	20775	25	#0	QPSK	NV	0	6.77	0.003	PASS
Band7	5	20775	25	#0	QPSK	NV	10	-0.50	0.000	PASS
Band7	5	20775	25	#0	QPSK	NV	20	14.81	0.006	PASS
Band7	5	20775	25	#0	QPSK	NV	30	10.34	0.004	PASS
Band7	5	20775	25	#0	QPSK	NV	40	3.66	0.001	PASS
Band7	5	20775	25	#0	QPSK	NV	50	3.16	0.001	PASS
Band7	5	20775	25	#0	16QAM	NV	-30	5.06	0.002	PASS
Band7	5	20775	25	#0	16QAM	NV	-20	-12.49	-0.005	PASS
Band7	5	20775	25	#0	16QAM	NV	-10	-9.78	-0.004	PASS
Band7	5	20775	25	#0	16QAM	NV	0	5.82	0.002	PASS
Band7	5	20775	25	#0	16QAM	NV	10	1.50	0.001	PASS
Band7	5	20775	25	#0	16QAM	NV	20	5.09	0.002	PASS
Band7	5	20775	25	#0	16QAM	NV	30	-0.23	0.000	PASS
Band7	5	20775	25	#0	16QAM	NV	40	8.84	0.004	PASS
Band7	5	20775	25	#0	16QAM	NV	50	-5.25	-0.002	PASS
Band7	5	21100	25	#0	QPSK	NV	-30	-5.91	-0.002	PASS
Band7	5	21100	25	#0	QPSK	NV	-20	1.13	0.000	PASS
Band7	5	21100	25	#0	QPSK	NV	-10	0.84	0.000	PASS
Band7	5	21100	25	#0	QPSK	NV	0	-5.89	-0.002	PASS
Band7	5	21100	25	#0	QPSK	NV	10	6.69	0.003	PASS
Band7	5	21100	25	#0	QPSK	NV	20	-8.96	-0.004	PASS
Band7	5	21100	25	#0	QPSK	NV	30	-0.72	0.000	PASS
Band7	5	21100	25	#0	QPSK	NV	40	1.34	0.001	PASS
Band7	5	21100	25	#0	QPSK	NV	50	14.00	0.006	PASS
Band7	5	21100	25	#0	16QAM	NV	-30	8.14	0.003	PASS
Band7	5	21100	25	#0	16QAM	NV	-20	5.98	0.002	PASS
Band7	5	21100	25	#0	16QAM	NV	-10	4.16	0.002	PASS
Band7	5	21100	25	#0	16QAM	NV	0	6.75	0.003	PASS

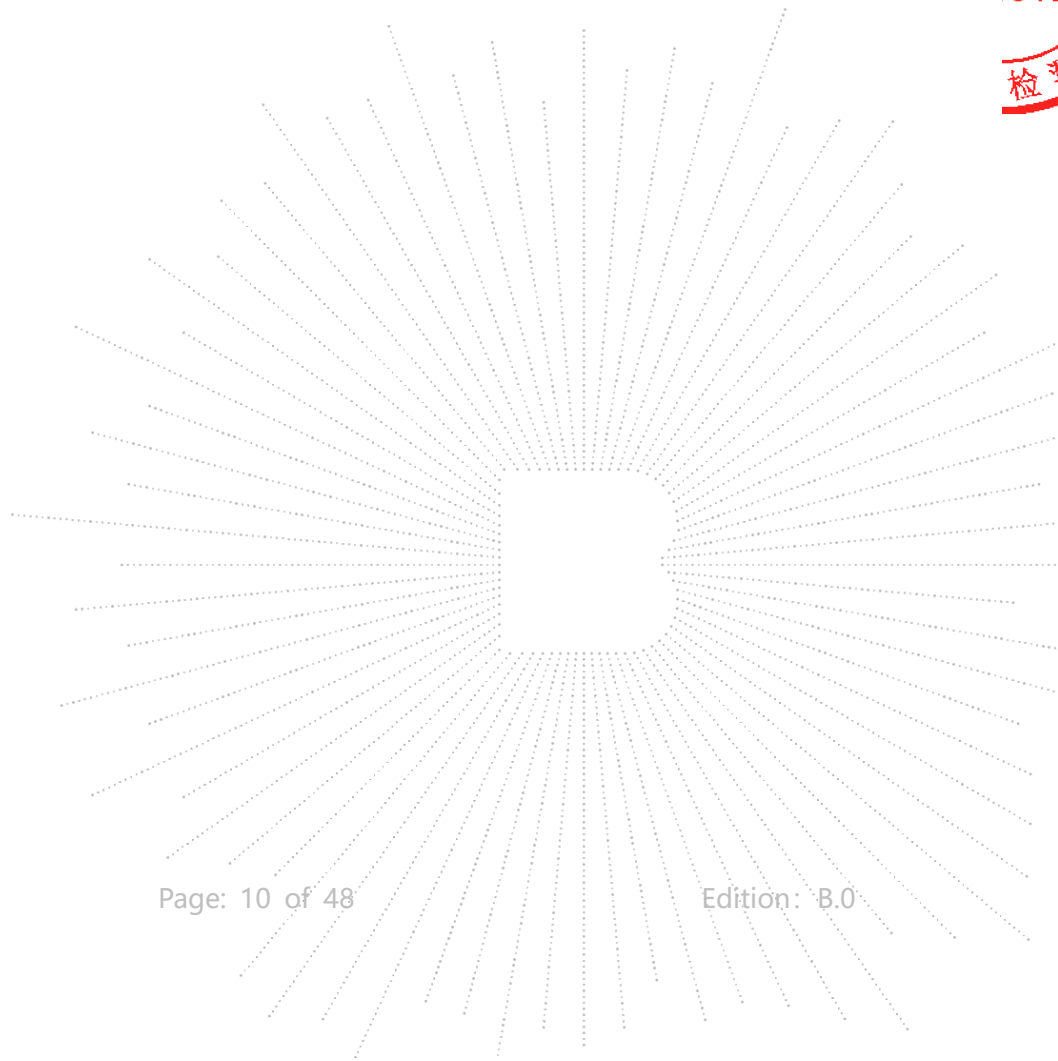
Band7	5	21100	25	#0	16QAM	NV	10	8.38	0.003	PASS
Band7	5	21100	25	#0	16QAM	NV	20	-4.02	-0.002	PASS
Band7	5	21100	25	#0	16QAM	NV	30	4.42	0.002	PASS
Band7	5	21100	25	#0	16QAM	NV	40	10.44	0.004	PASS
Band7	5	21100	25	#0	16QAM	NV	50	-6.87	-0.003	PASS
Band7	5	21425	25	#0	QPSK	NV	-30	-4.31	-0.002	PASS
Band7	5	21425	25	#0	QPSK	NV	-20	-6.57	-0.003	PASS
Band7	5	21425	25	#0	QPSK	NV	-10	4.26	0.002	PASS
Band7	5	21425	25	#0	QPSK	NV	0	-6.44	-0.003	PASS
Band7	5	21425	25	#0	QPSK	NV	10	7.30	0.003	PASS
Band7	5	21425	25	#0	QPSK	NV	20	9.56	0.004	PASS
Band7	5	21425	25	#0	QPSK	NV	30	6.91	0.003	PASS
Band7	5	21425	25	#0	QPSK	NV	40	7.15	0.003	PASS
Band7	5	21425	25	#0	QPSK	NV	50	1.40	0.001	PASS
Band7	5	21425	25	#0	16QAM	NV	-30	0.74	0.000	PASS
Band7	5	21425	25	#0	16QAM	NV	-20	12.46	0.005	PASS
Band7	5	21425	25	#0	16QAM	NV	-10	6.48	0.003	PASS
Band7	5	21425	25	#0	16QAM	NV	0	5.82	0.002	PASS
Band7	5	21425	25	#0	16QAM	NV	10	6.68	0.003	PASS
Band7	5	21425	25	#0	16QAM	NV	20	-6.87	-0.003	PASS
Band7	5	21425	25	#0	16QAM	NV	30	-1.66	-0.001	PASS
Band7	5	21425	25	#0	16QAM	NV	40	7.01	0.003	PASS
Band7	5	21425	25	#0	16QAM	NV	50	-0.54	0.000	PASS
Band7	10	20800	50	#0	QPSK	NV	-30	0.00	0.000	PASS
Band7	10	20800	50	#0	QPSK	NV	-20	0.00	0.000	PASS
Band7	10	20800	50	#0	QPSK	NV	-10	0.00	0.000	PASS
Band7	10	20800	50	#0	QPSK	NV	0	0.00	0.000	PASS
Band7	10	20800	50	#0	QPSK	NV	10	0.00	0.000	PASS
Band7	10	20800	50	#0	QPSK	NV	20	0.00	0.000	PASS
Band7	10	20800	50	#0	QPSK	NV	30	0.00	0.000	PASS
Band7	10	20800	50	#0	QPSK	NV	40	0.00	0.000	PASS
Band7	10	20800	50	#0	QPSK	NV	50	0.00	0.000	PASS
Band7	10	21100	50	#0	QPSK	NV	-30	0.00	0.000	PASS
Band7	10	21100	50	#0	QPSK	NV	-20	0.00	0.000	PASS
Band7	10	21100	50	#0	QPSK	NV	-10	0.00	0.000	PASS
Band7	10	21100	50	#0	QPSK	NV	0	0.00	0.000	PASS
Band7	10	21100	50	#0	QPSK	NV	10	0.00	0.000	PASS
Band7	10	21100	50	#0	QPSK	NV	20	0.00	0.000	PASS
Band7	10	21100	50	#0	QPSK	NV	30	0.00	0.000	PASS
Band7	10	21100	50	#0	QPSK	NV	40	0.00	0.000	PASS
Band7	10	21100	50	#0	QPSK	NV	50	0.00	0.000	PASS
Band7	10	21400	50	#0	QPSK	NV	-30	0.00	0.000	PASS

Band7	10	21400	50	#0	QPSK	NV	-20	0.00	0.000	PASS
Band7	10	21400	50	#0	QPSK	NV	-10	0.00	0.000	PASS
Band7	10	21400	50	#0	QPSK	NV	0	0.00	0.000	PASS
Band7	10	21400	50	#0	QPSK	NV	10	0.00	0.000	PASS
Band7	10	21400	50	#0	QPSK	NV	20	0.00	0.000	PASS
Band7	10	21400	50	#0	QPSK	NV	30	0.00	0.000	PASS
Band7	10	21400	50	#0	QPSK	NV	40	0.00	0.000	PASS
Band7	10	21400	50	#0	QPSK	NV	50	0.00	0.000	PASS
Band7	15	20825	75	#0	QPSK	NV	-30	0.00	0.000	PASS
Band7	15	20825	75	#0	QPSK	NV	-20	0.00	0.000	PASS
Band7	15	20825	75	#0	QPSK	NV	-10	0.00	0.000	PASS
Band7	15	20825	75	#0	QPSK	NV	0	0.00	0.000	PASS
Band7	15	20825	75	#0	QPSK	NV	10	0.00	0.000	PASS
Band7	15	20825	75	#0	QPSK	NV	20	0.00	0.000	PASS
Band7	15	20825	75	#0	QPSK	NV	30	0.00	0.000	PASS
Band7	15	20825	75	#0	QPSK	NV	40	0.00	0.000	PASS
Band7	15	20825	75	#0	QPSK	NV	50	0.00	0.000	PASS
Band7	15	21100	75	#0	QPSK	NV	-30	0.00	0.000	PASS
Band7	15	21100	75	#0	QPSK	NV	-20	0.00	0.000	PASS
Band7	15	21100	75	#0	QPSK	NV	-10	0.00	0.000	PASS
Band7	15	21100	75	#0	QPSK	NV	0	0.00	0.000	PASS
Band7	15	21100	75	#0	QPSK	NV	10	0.00	0.000	PASS
Band7	15	21100	75	#0	QPSK	NV	20	0.00	0.000	PASS
Band7	15	21100	75	#0	QPSK	NV	30	0.00	0.000	PASS
Band7	15	21100	75	#0	QPSK	NV	40	0.00	0.000	PASS
Band7	15	21100	75	#0	QPSK	NV	50	0.00	0.000	PASS
Band7	15	21375	75	#0	QPSK	NV	-30	0.00	0.000	PASS
Band7	15	21375	75	#0	QPSK	NV	-20	0.00	0.000	PASS
Band7	15	21375	75	#0	QPSK	NV	-10	0.00	0.000	PASS
Band7	15	21375	75	#0	QPSK	NV	0	0.00	0.000	PASS
Band7	15	21375	75	#0	QPSK	NV	10	0.00	0.000	PASS
Band7	15	21375	75	#0	QPSK	NV	20	0.00	0.000	PASS
Band7	15	21375	75	#0	QPSK	NV	30	0.00	0.000	PASS
Band7	15	21375	75	#0	QPSK	NV	40	0.00	0.000	PASS
Band7	15	21375	75	#0	QPSK	NV	50	0.00	0.000	PASS
Band7	20	20850	100	#0	QPSK	NV	-30	0.00	0.000	PASS
Band7	20	20850	100	#0	QPSK	NV	-20	0.00	0.000	PASS
Band7	20	20850	100	#0	QPSK	NV	-10	0.00	0.000	PASS
Band7	20	20850	100	#0	QPSK	NV	0	0.00	0.000	PASS
Band7	20	20850	100	#0	QPSK	NV	10	0.00	0.000	PASS
Band7	20	20850	100	#0	QPSK	NV	20	0.00	0.000	PASS
Band7	20	20850	100	#0	QPSK	NV	30	0.00	0.000	PASS

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Band7	20	20850	100	#0	QPSK	NV	40	0.00	0.000	PASS
Band7	20	20850	100	#0	QPSK	NV	50	0.00	0.000	PASS
Band7	20	21100	100	#0	QPSK	NV	-30	0.00	0.000	PASS
Band7	20	21100	100	#0	QPSK	NV	-20	0.00	0.000	PASS
Band7	20	21100	100	#0	QPSK	NV	-10	0.00	0.000	PASS
Band7	20	21100	100	#0	QPSK	NV	0	0.00	0.000	PASS
Band7	20	21100	100	#0	QPSK	NV	10	0.00	0.000	PASS
Band7	20	21100	100	#0	QPSK	NV	20	0.00	0.000	PASS
Band7	20	21100	100	#0	QPSK	NV	30	0.00	0.000	PASS
Band7	20	21100	100	#0	QPSK	NV	40	0.00	0.000	PASS
Band7	20	21100	100	#0	QPSK	NV	50	0.00	0.000	PASS
Band7	20	21350	100	#0	QPSK	NV	-30	0.00	0.000	PASS
Band7	20	21350	100	#0	QPSK	NV	-20	0.00	0.000	PASS
Band7	20	21350	100	#0	QPSK	NV	-10	0.00	0.000	PASS
Band7	20	21350	100	#0	QPSK	NV	0	0.00	0.000	PASS
Band7	20	21350	100	#0	QPSK	NV	10	0.00	0.000	PASS
Band7	20	21350	100	#0	QPSK	NV	20	0.00	0.000	PASS
Band7	20	21350	100	#0	QPSK	NV	30	0.00	0.000	PASS
Band7	20	21350	100	#0	QPSK	NV	40	0.00	0.000	PASS
Band7	20	21350	100	#0	QPSK	NV	50	0.00	0.000	PASS

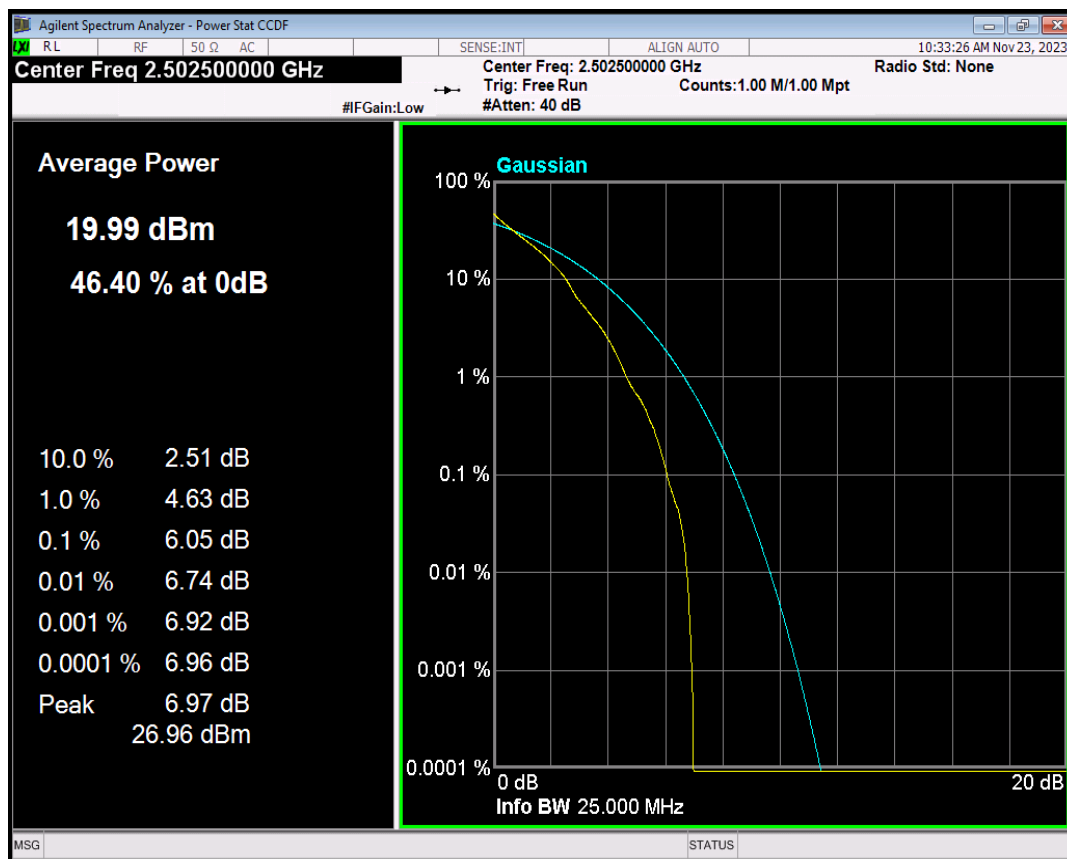
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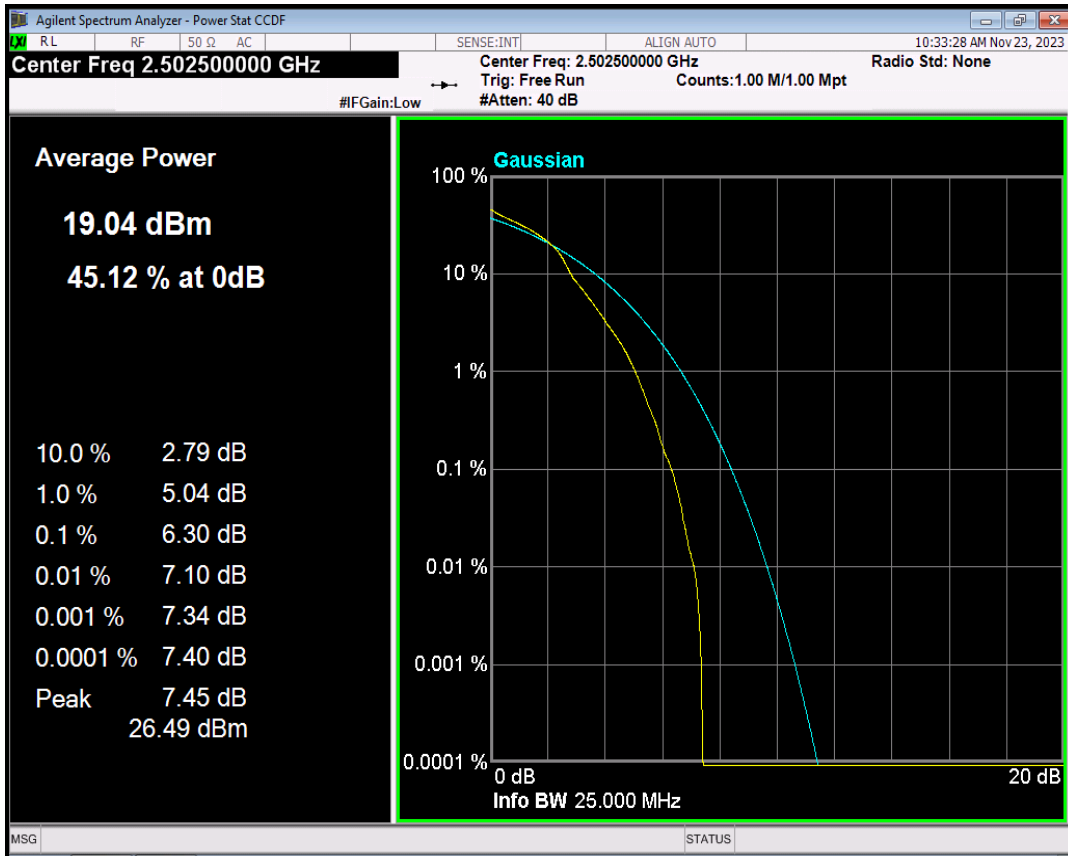
Appendix 3. Peak-to-Average Ratio

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
Band7	5	20775	1	#0	QPSK	6.05	13	PASS
Band7	5	20775	1	#0	16QAM	6.30	13	PASS
Band7	5	21100	1	#0	QPSK	5.48	13	PASS
Band7	5	21100	1	#0	16QAM	5.90	13	PASS
Band7	5	21425	1	#0	QPSK	5.47	13	PASS
Band7	5	21425	1	#0	16QAM	6.19	13	PASS
Band7	10	20800	1	#0	QPSK	5.73	13	PASS
Band7	10	21100	1	#0	QPSK	5.45	13	PASS
Band7	10	21400	1	#0	QPSK	5.42	13	PASS
Band7	15	20825	1	#0	QPSK	5.88	13	PASS
Band7	15	21100	1	#0	QPSK	5.56	13	PASS
Band7	15	21375	1	#0	QPSK	5.84	13	PASS
Band7	20	20850	1	#0	QPSK	5.49	13	PASS
Band7	20	21100	1	#0	QPSK	5.64	13	PASS
Band7	20	21350	1	#0	QPSK	5.77	13	PASS

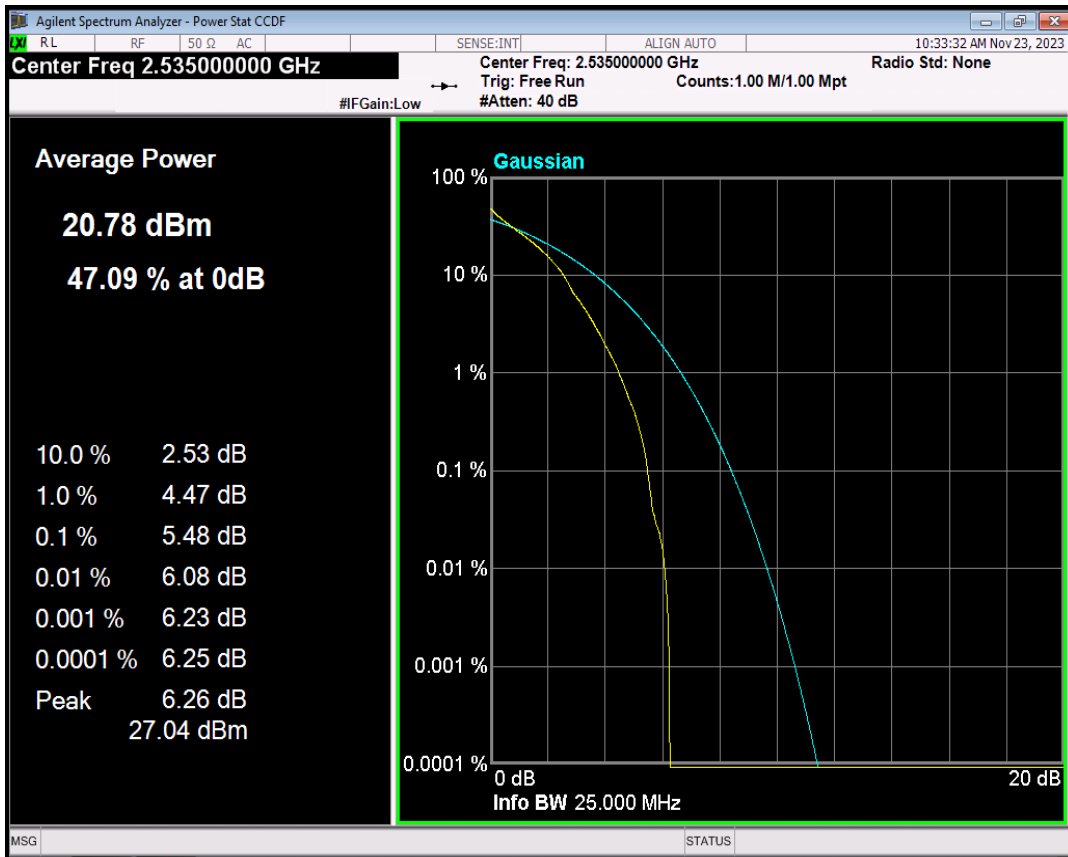
Band7 QPSK BW=5MHz Channel=20775 RB Size=1 Position=#0



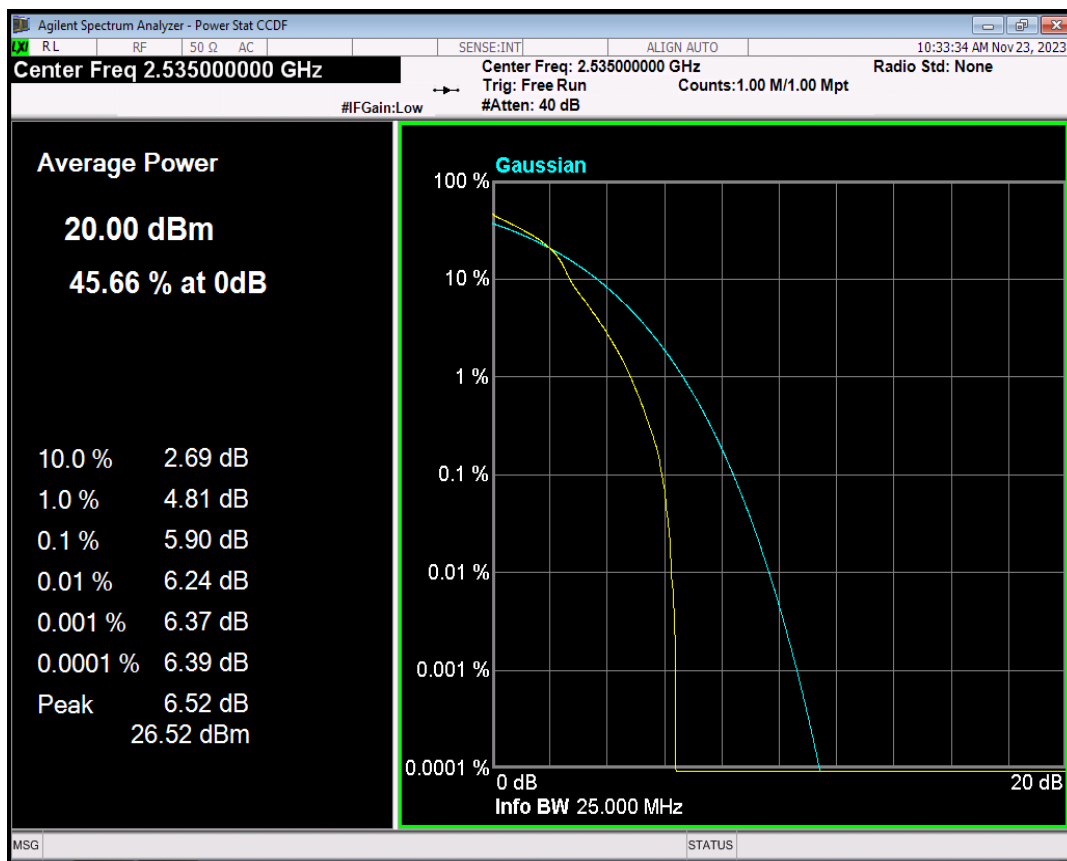
Band7 16QAM BW=5MHz Channel=20775 RB Size=1 Position=#0



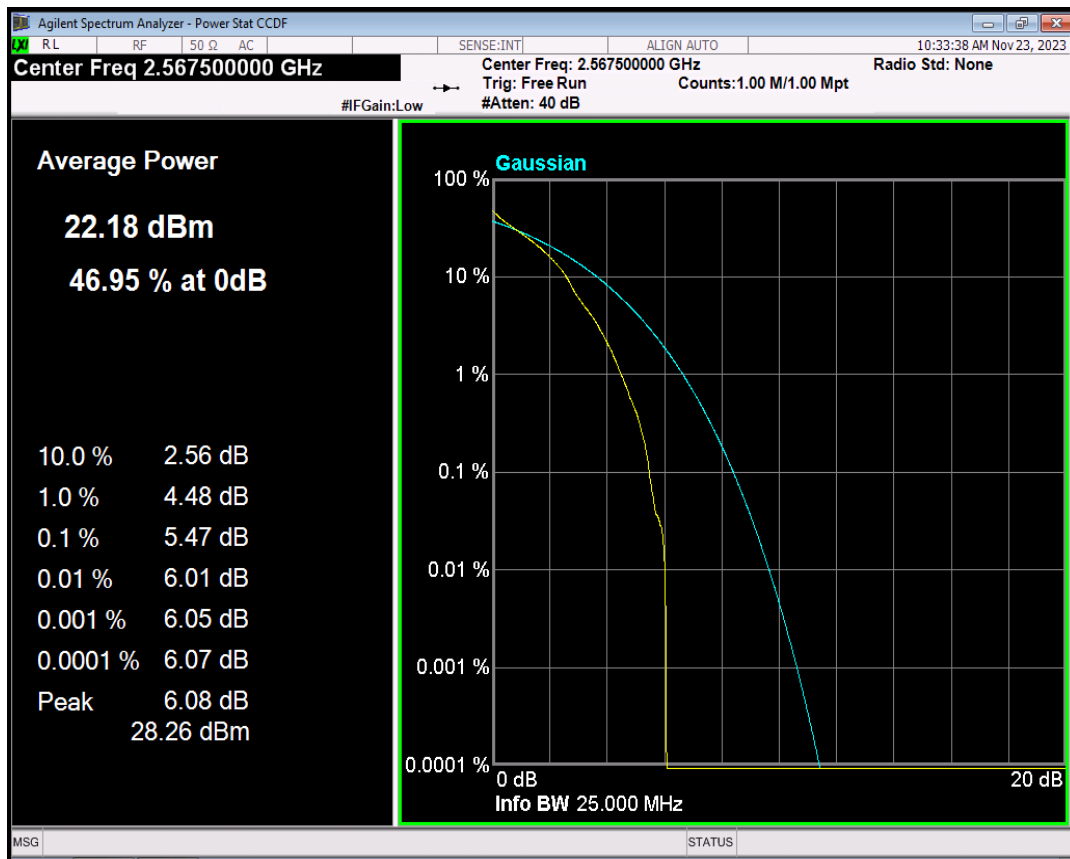
Band7 QPSK BW=5MHz Channel=21100 RB Size=1 Position=#0



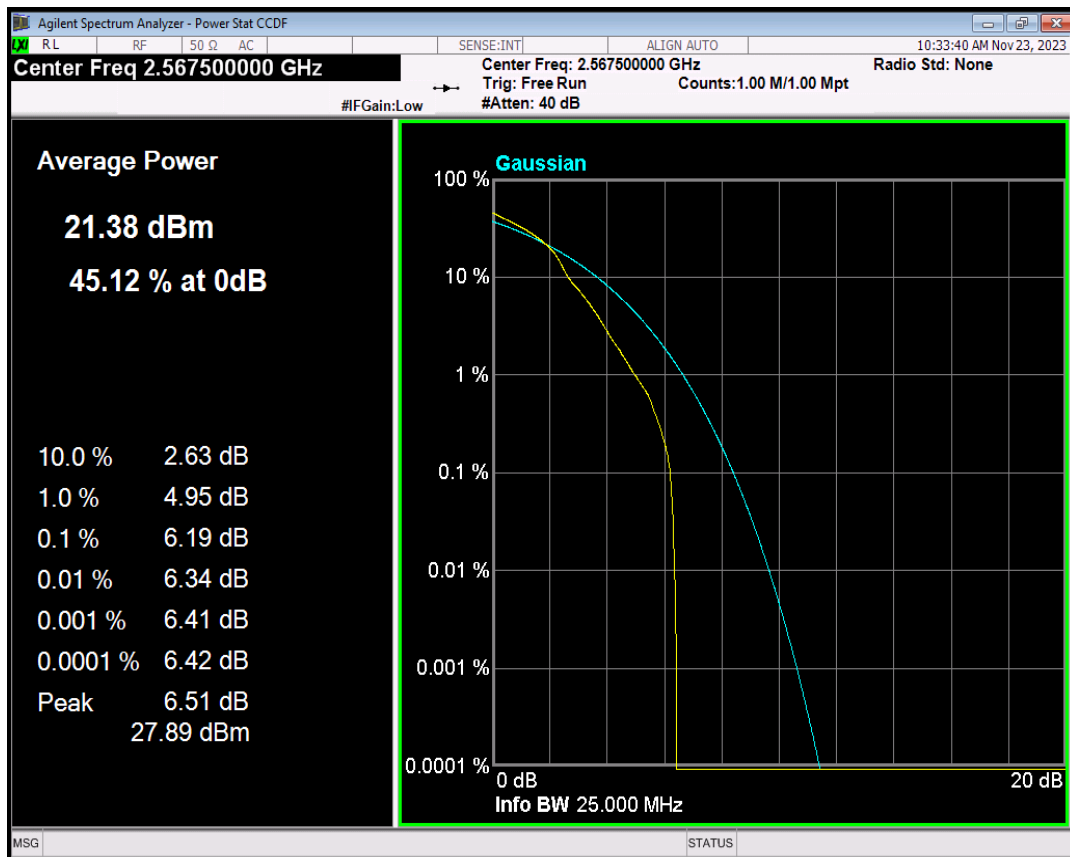
Band7 16QAM BW=5MHz Channel=21100 RB Size=1 Position=#0



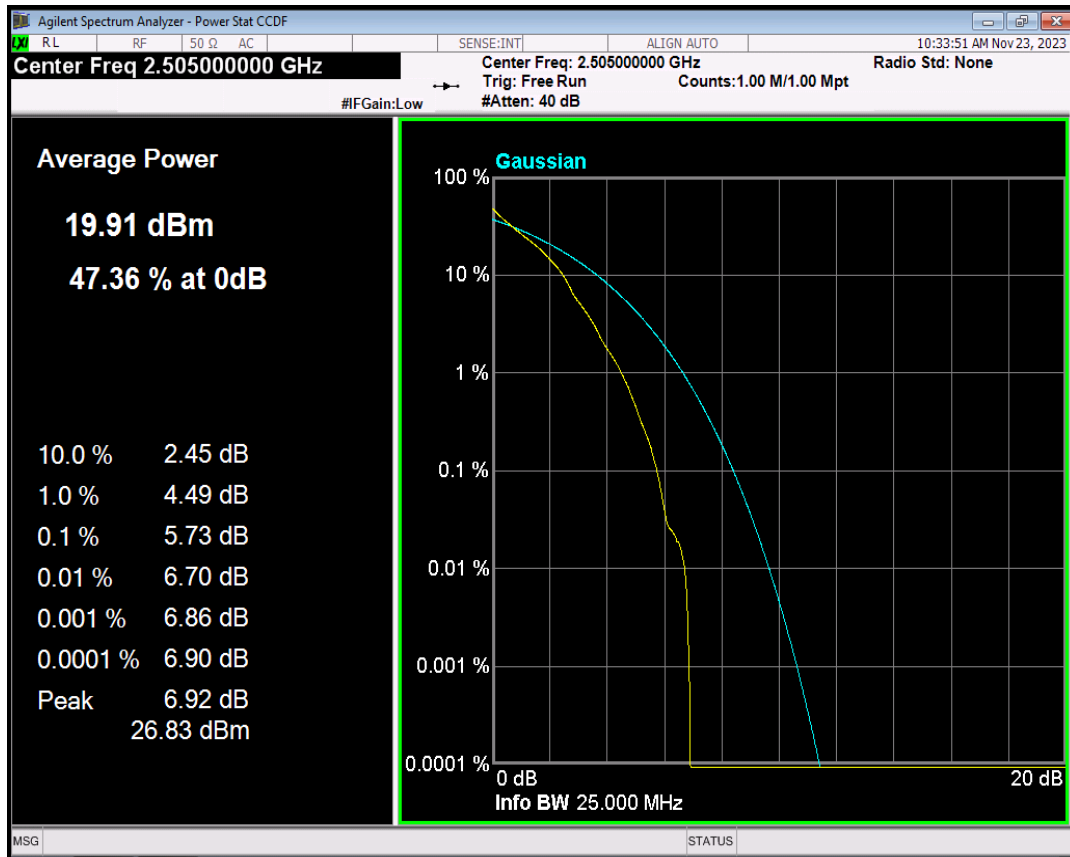
Band7 QPSK BW=5MHz Channel=21425 RB Size=1 Position=#0



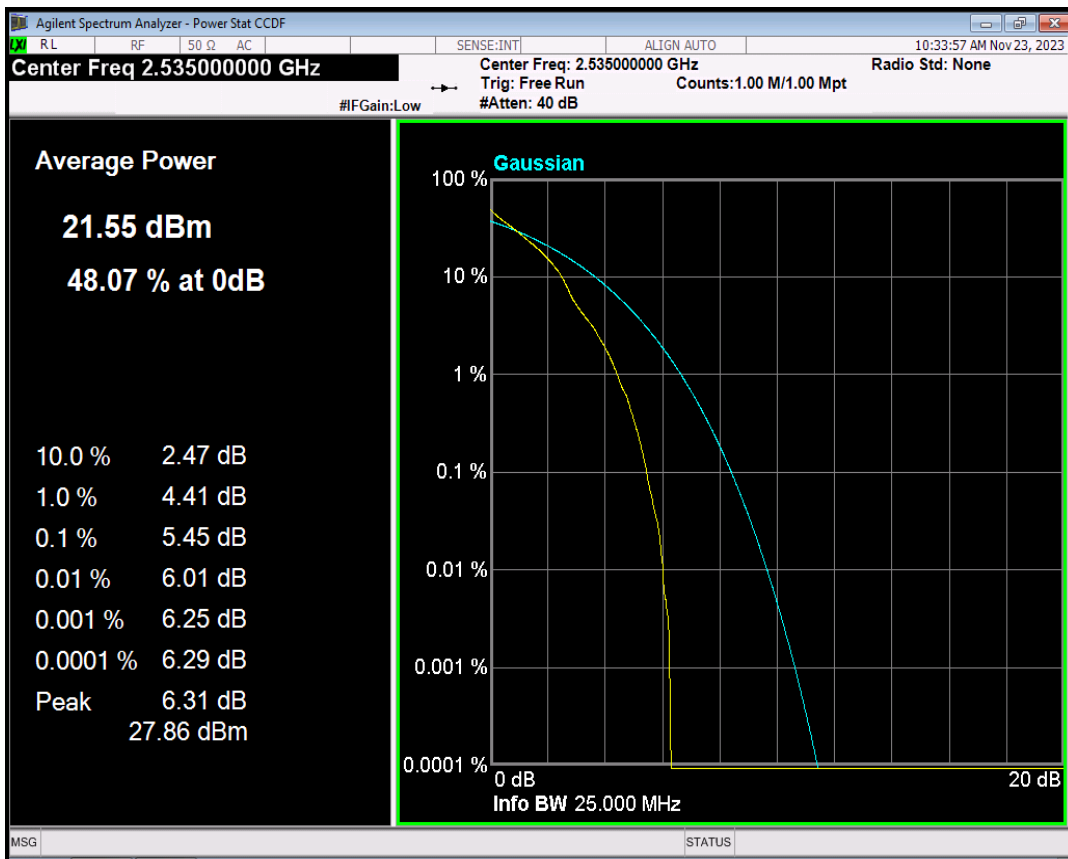
Band7 16QAM BW=5MHz Channel=21425 RB Size=1 Position=#0



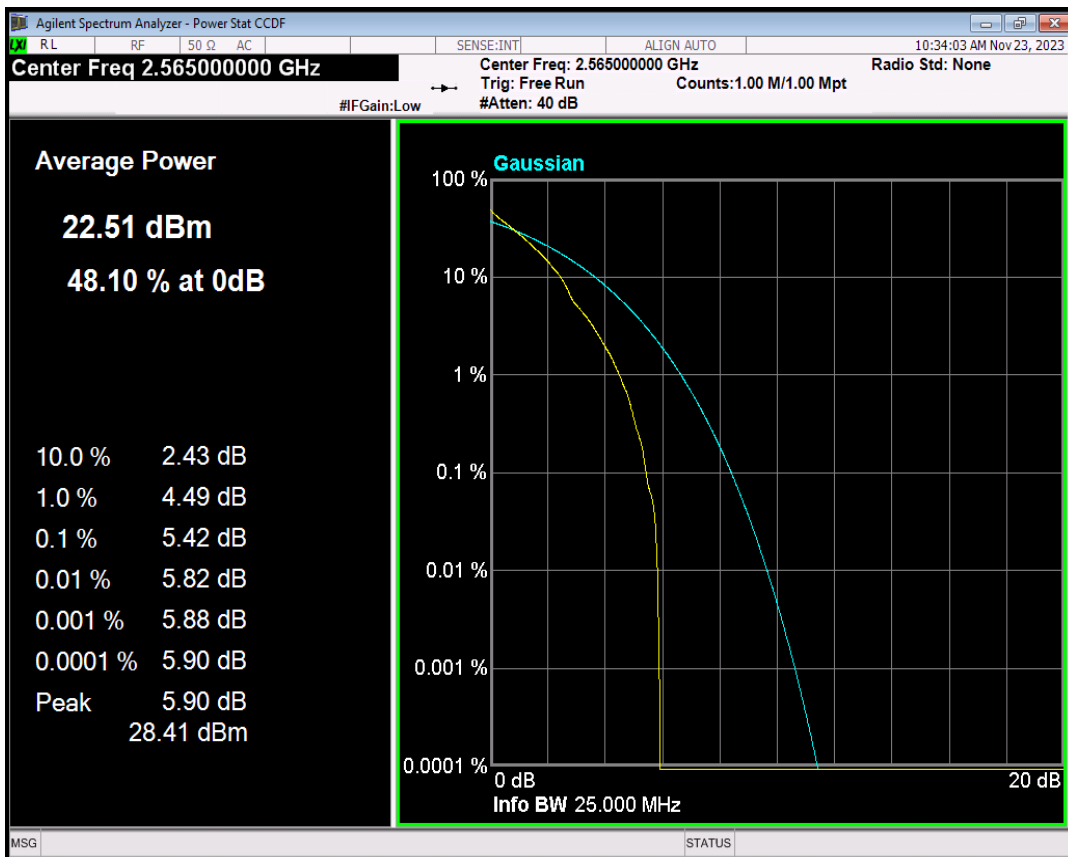
Band7 QPSK BW=10MHz Channel=20800 RB Size=1 Position=#0



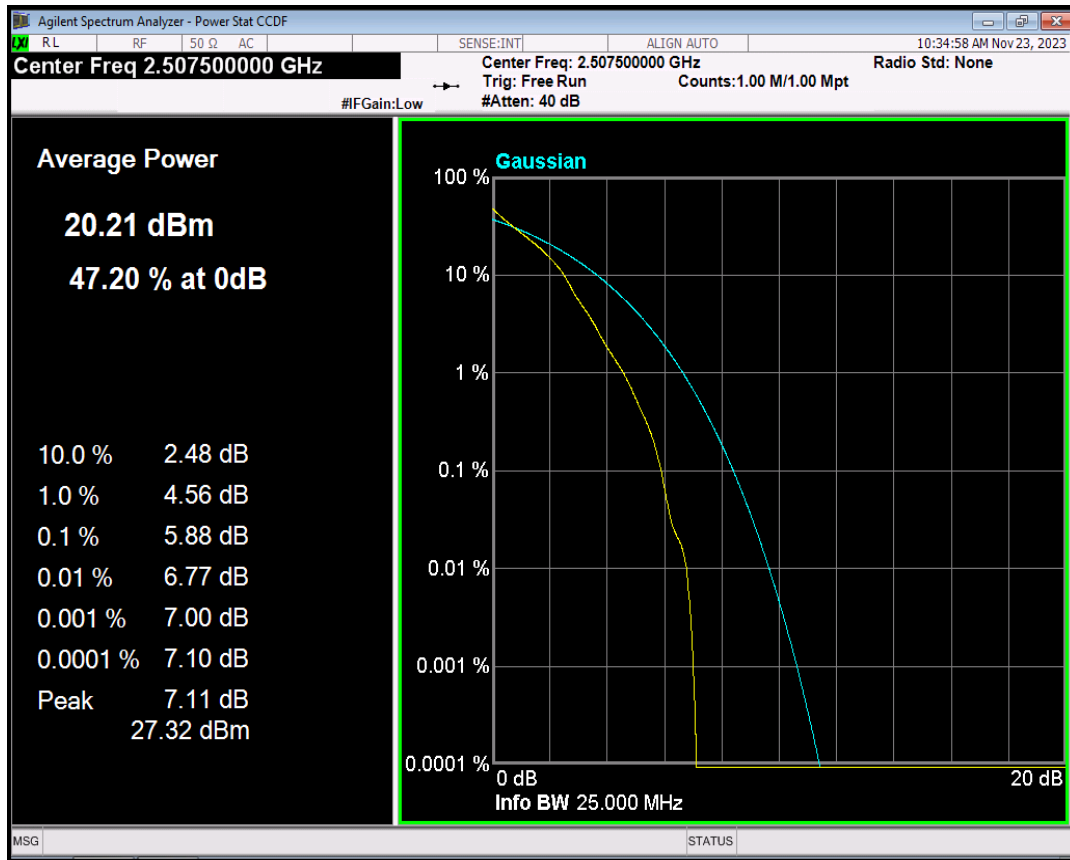
Band7 QPSK BW=10MHz Channel=21100 RB Size=1 Position=#0



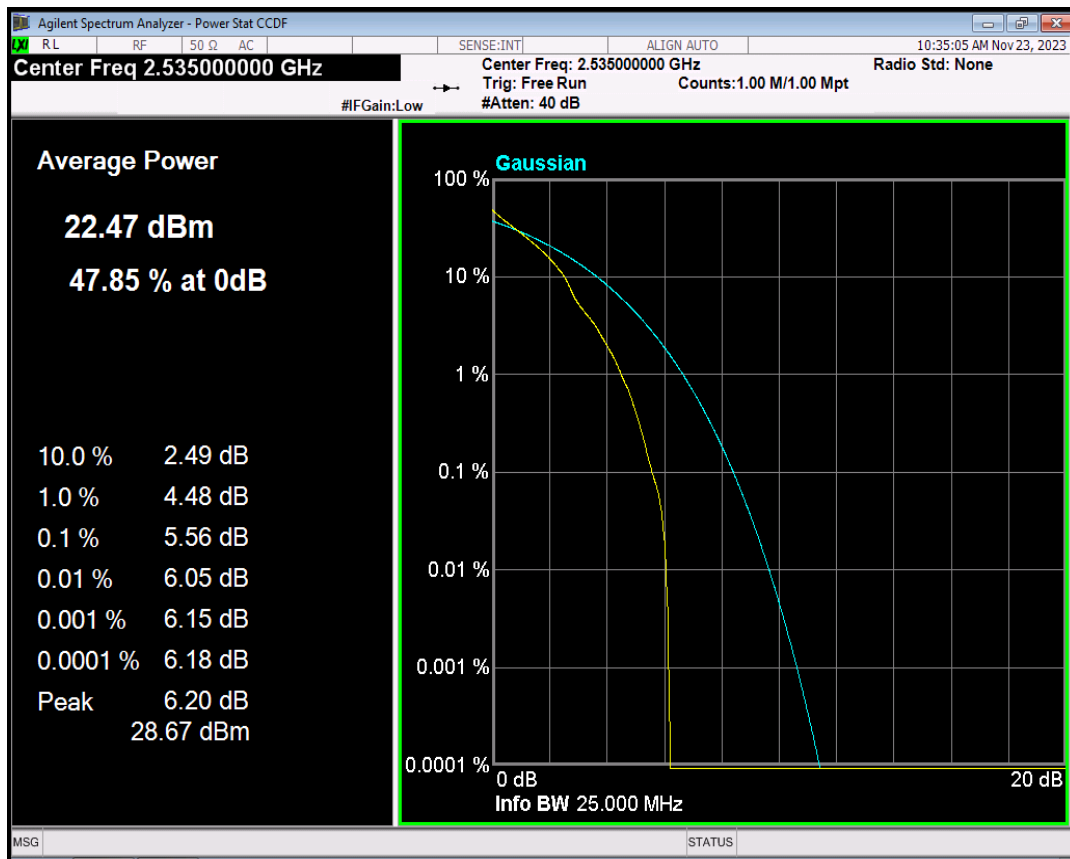
Band7 QPSK BW=10MHz Channel=21400 RB Size=1 Position=#0



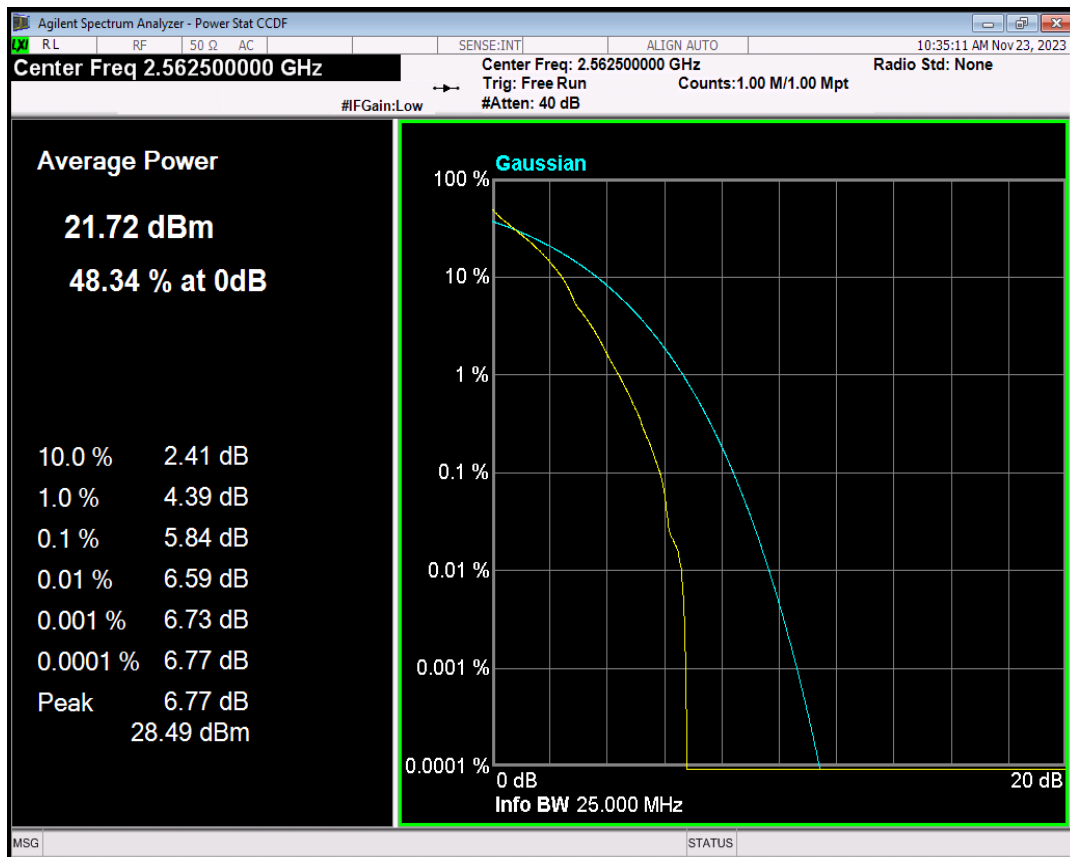
Band7 QPSK BW=15MHz Channel=20825 RB Size=1 Position=#0



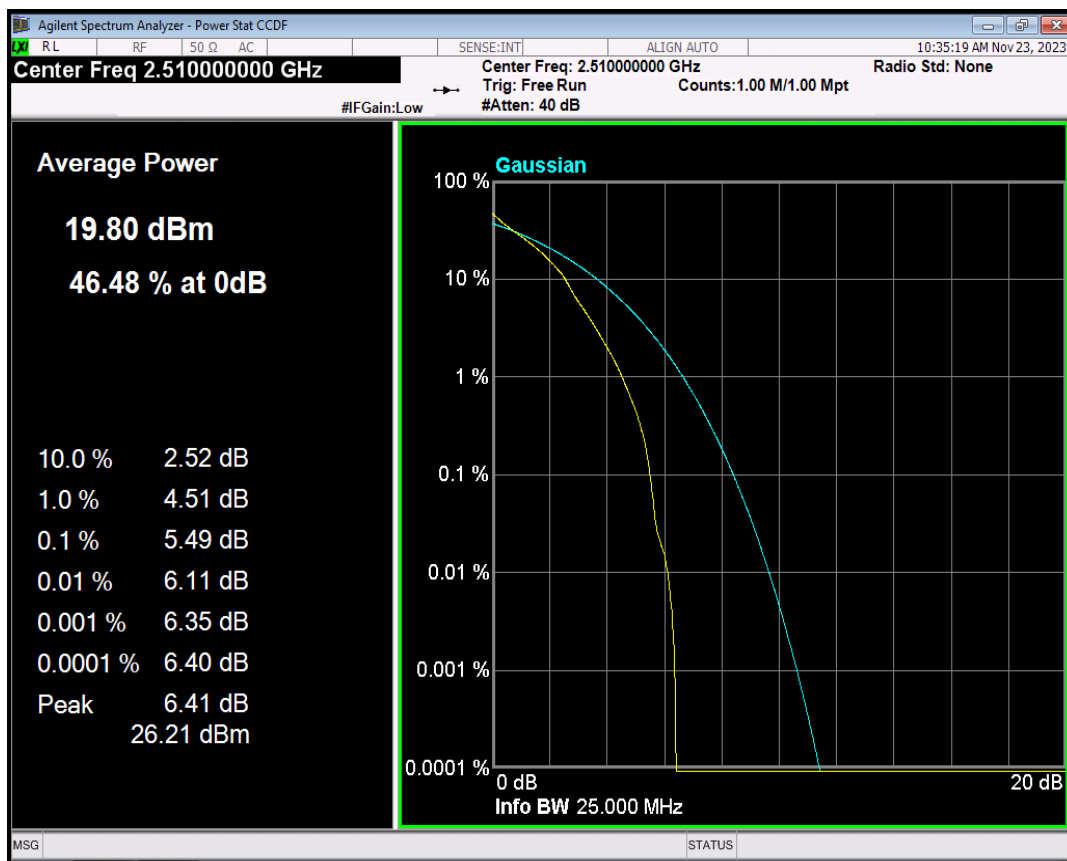
Band7 QPSK BW=15MHz Channel=21100 RB Size=1 Position=#0



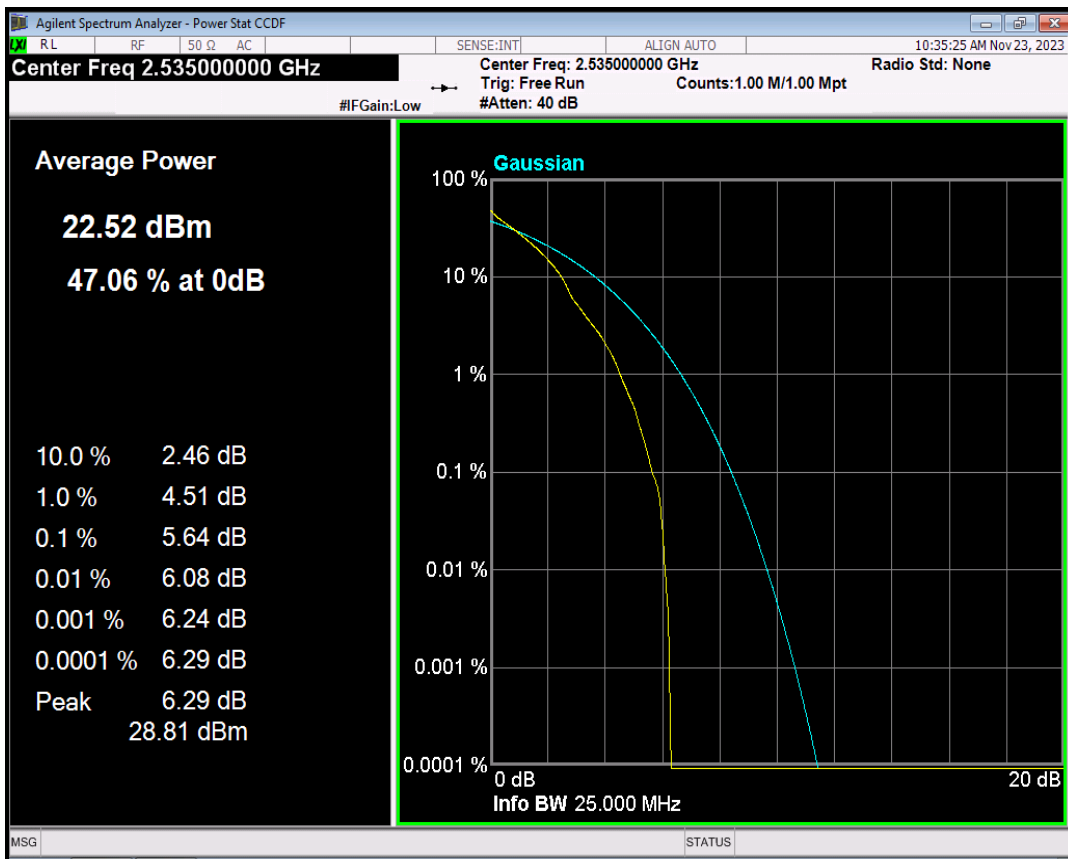
Band7 QPSK BW=15MHz Channel=21375 RB Size=1 Position=#0



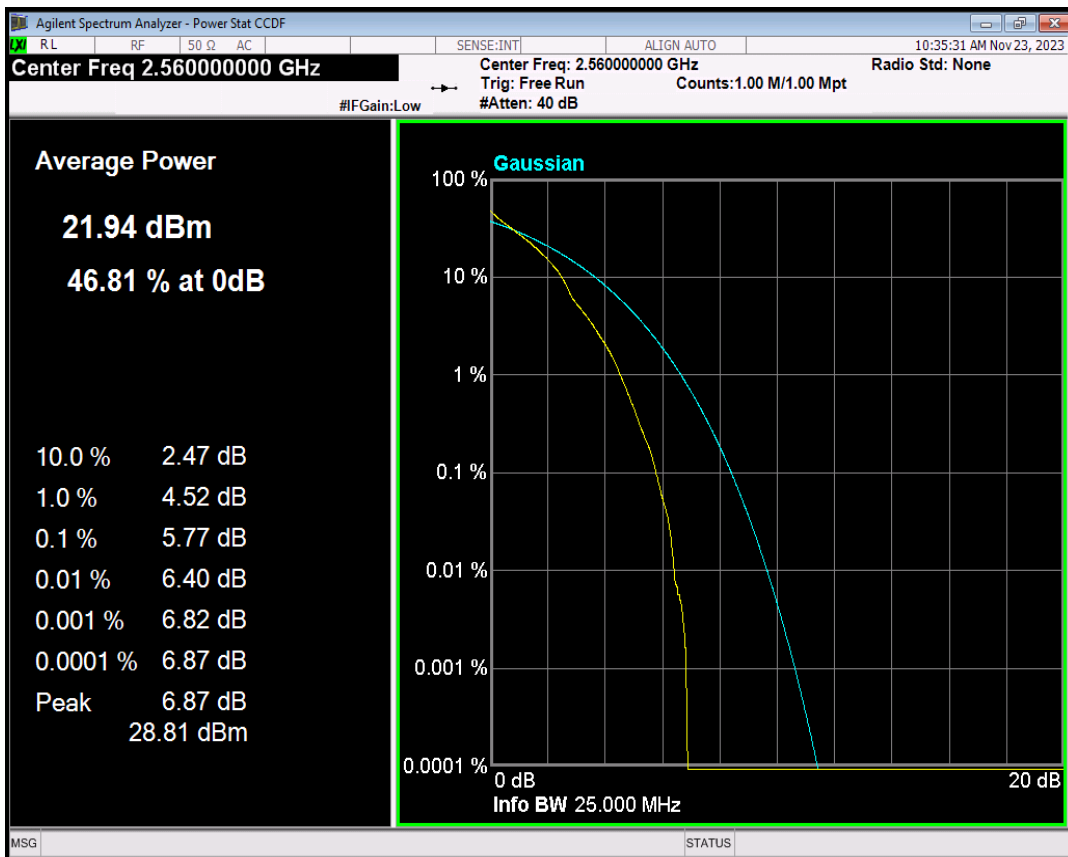
Band7 QPSK BW=20MHz Channel=20850 RB Size=1 Position=#0



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



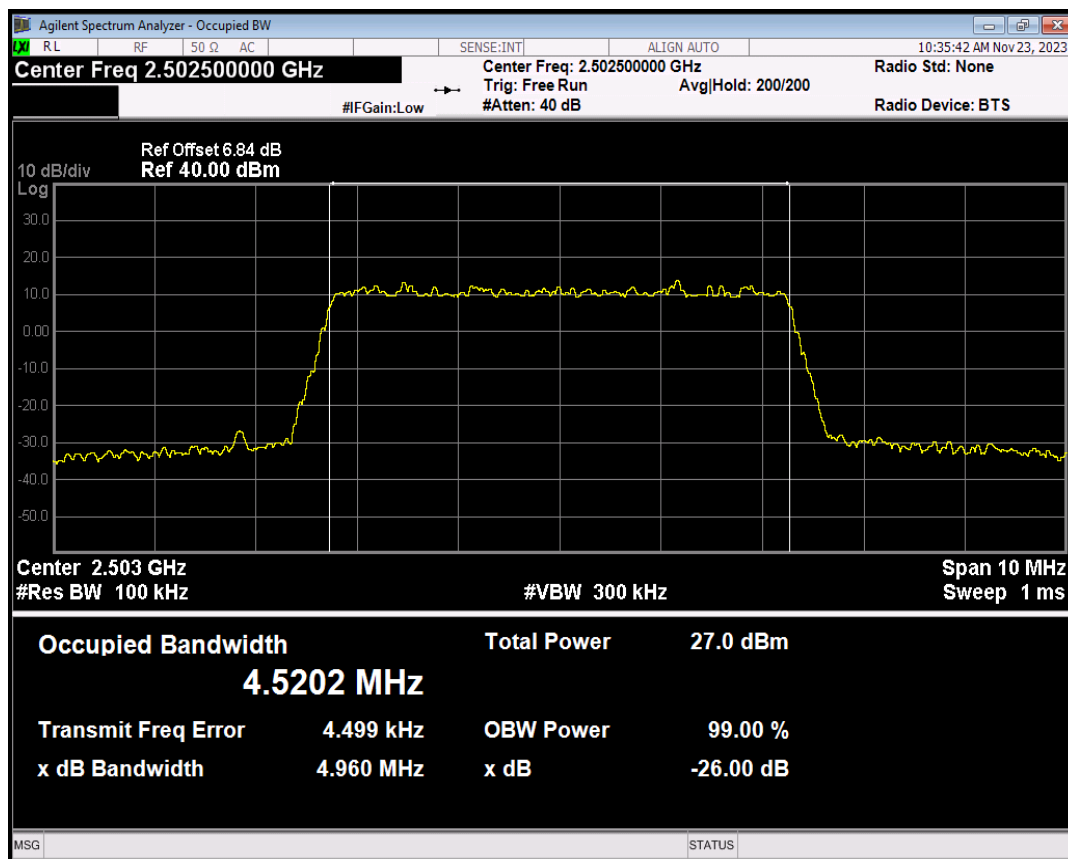
Band7 QPSK BW=20MHz Channel=21350 RB Size=1 Position=#0



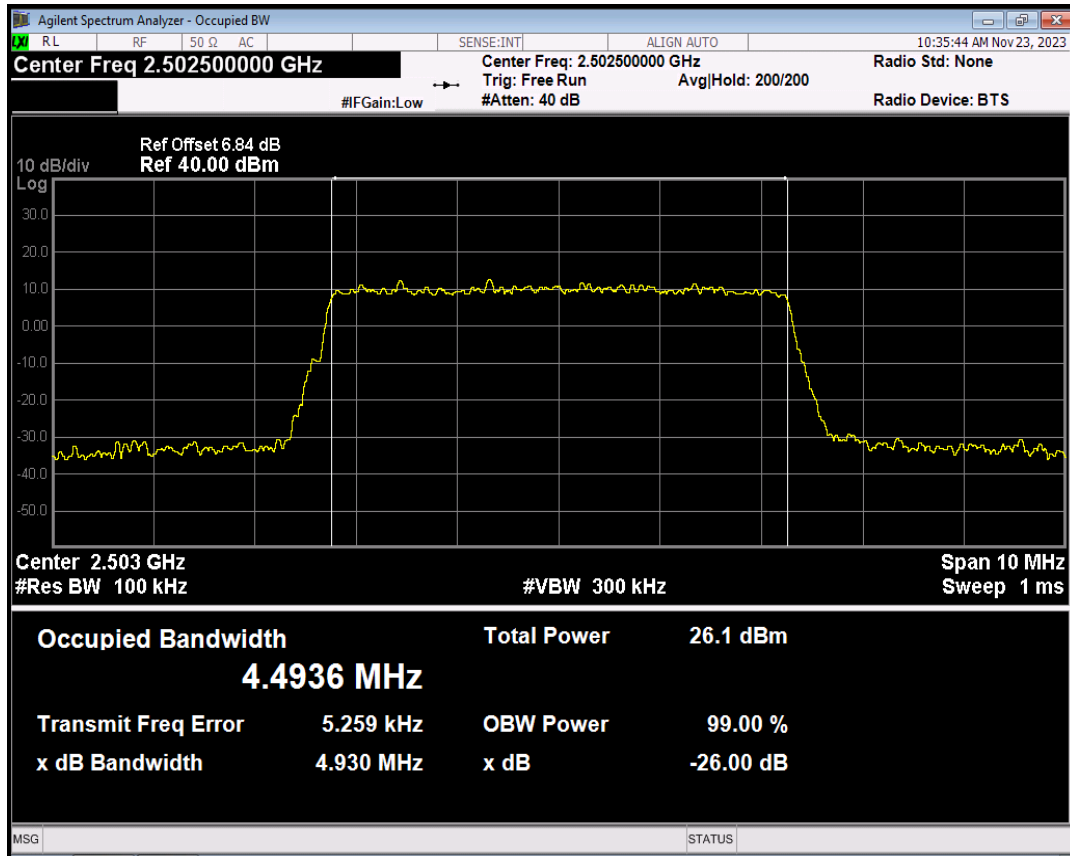
Appendix 4. Occupied bandwidth

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
Band7	5	20775	25	#0	QPSK	4.520	4.960	PASS
Band7	5	20775	25	#0	16QAM	4.494	4.930	PASS
Band7	5	21100	25	#0	QPSK	4.514	4.889	PASS
Band7	5	21100	25	#0	16QAM	4.513	4.945	PASS
Band7	5	21425	25	#0	QPSK	4.512	4.921	PASS
Band7	5	21425	25	#0	16QAM	4.507	4.925	PASS
Band7	10	20800	50	#0	QPSK	8.997	9.736	PASS
Band7	10	21100	50	#0	QPSK	8.969	9.698	PASS
Band7	10	21400	50	#0	QPSK	8.967	9.556	PASS
Band7	15	20825	75	#0	QPSK	13.455	14.542	PASS
Band7	15	21100	75	#0	QPSK	13.459	14.407	PASS
Band7	15	21375	75	#0	QPSK	13.391	14.355	PASS
Band7	20	20850	100	#0	QPSK	17.912	18.971	PASS
Band7	20	21100	100	#0	QPSK	17.938	19.103	PASS
Band7	20	21350	100	#0	QPSK	17.864	19.038	PASS

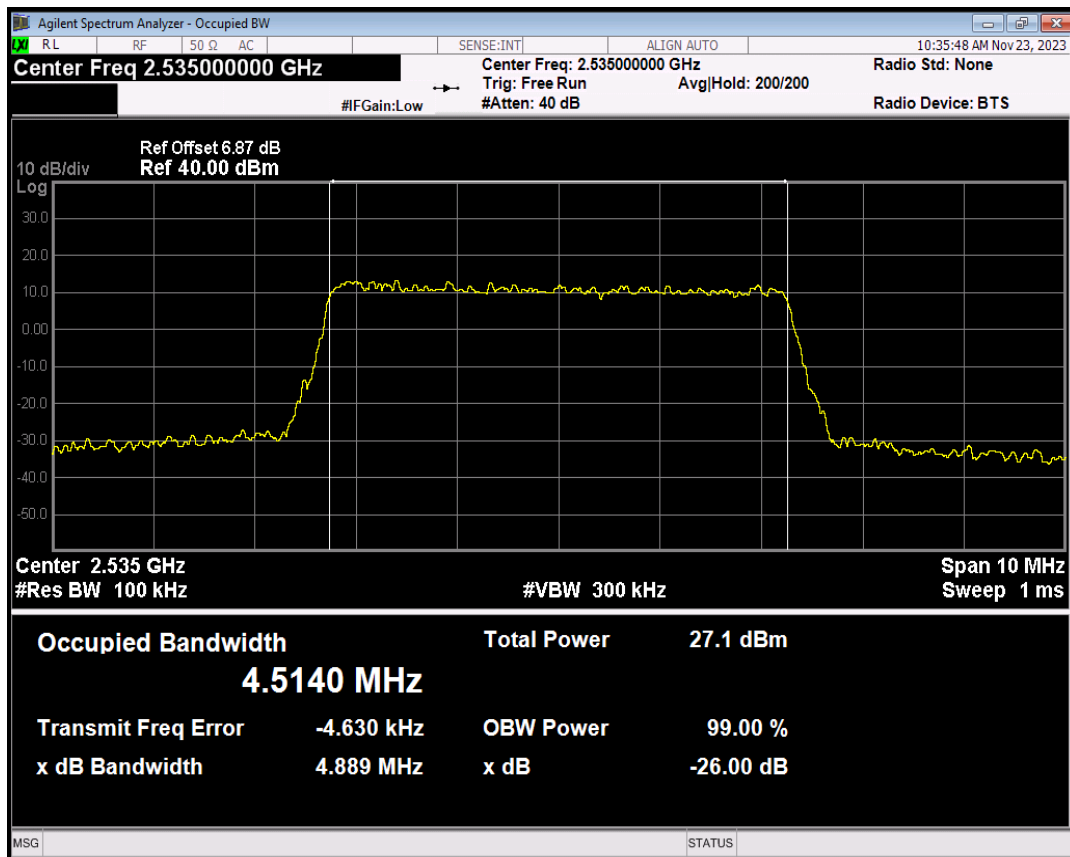
Band7 QPSK BW=5MHz Channel=20775 RB Size=25 Position=#0



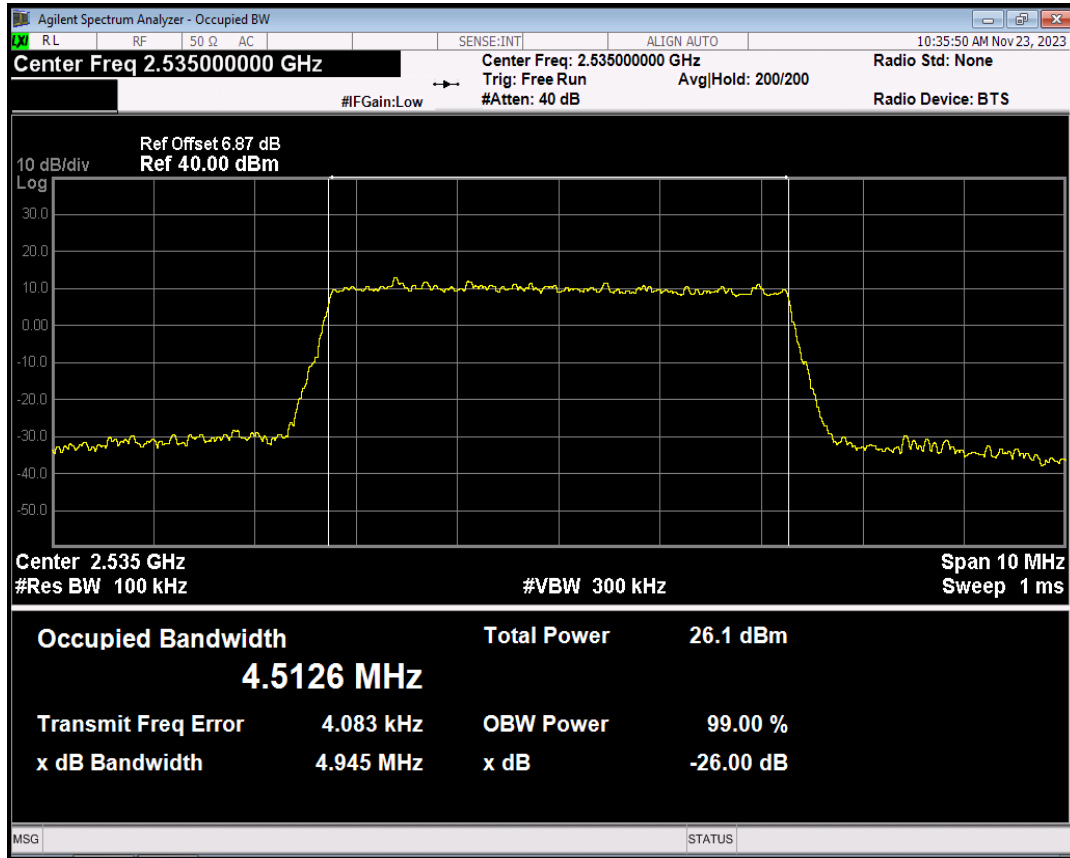
Band7 16QAM BW=5MHz Channel=20775 RB Size=25 Position=#0



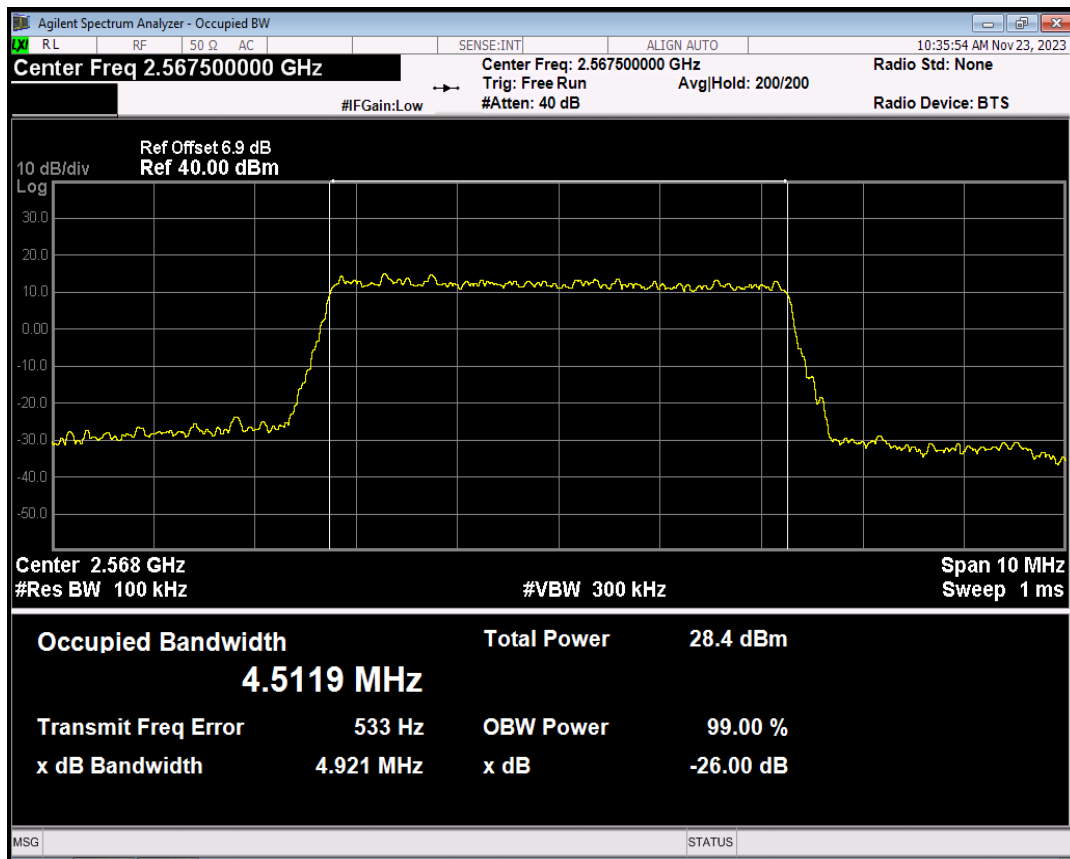
Band7 QPSK BW=5MHz Channel=21100 RB Size=25 Position=#0



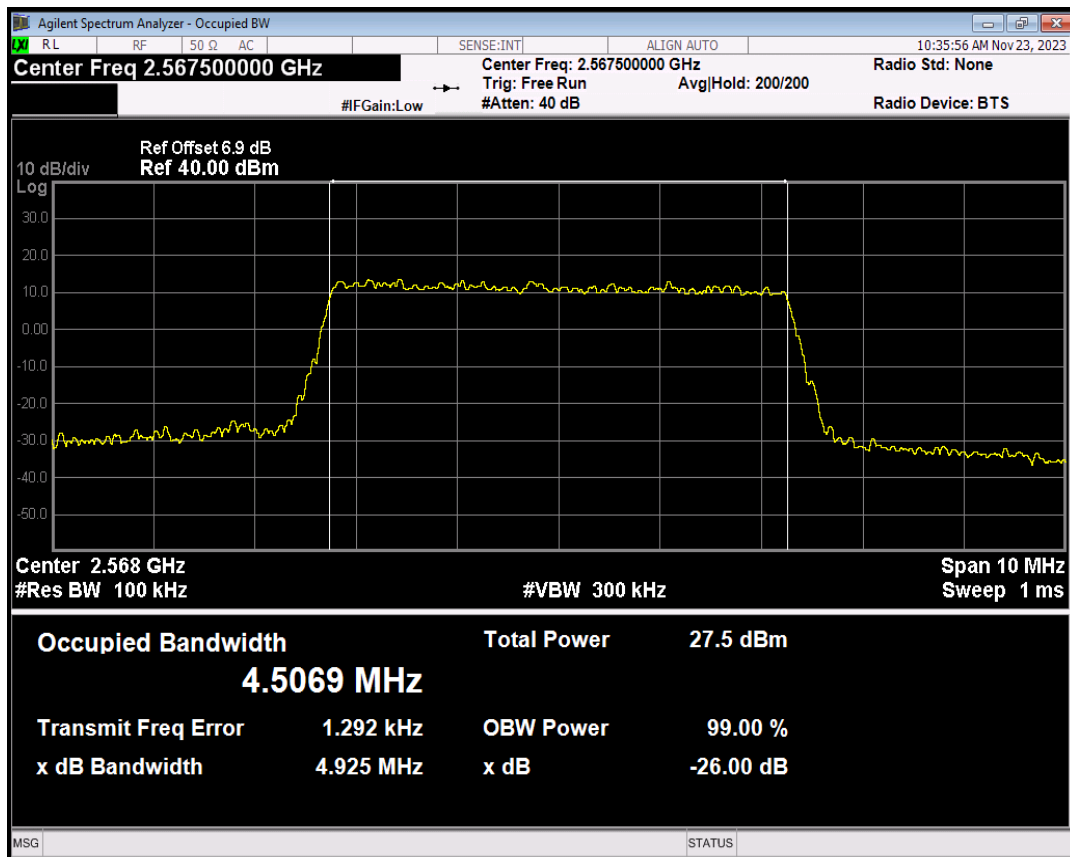
Band7 16QAM BW=5MHz Channel=21100 RB Size=25 Position=#0



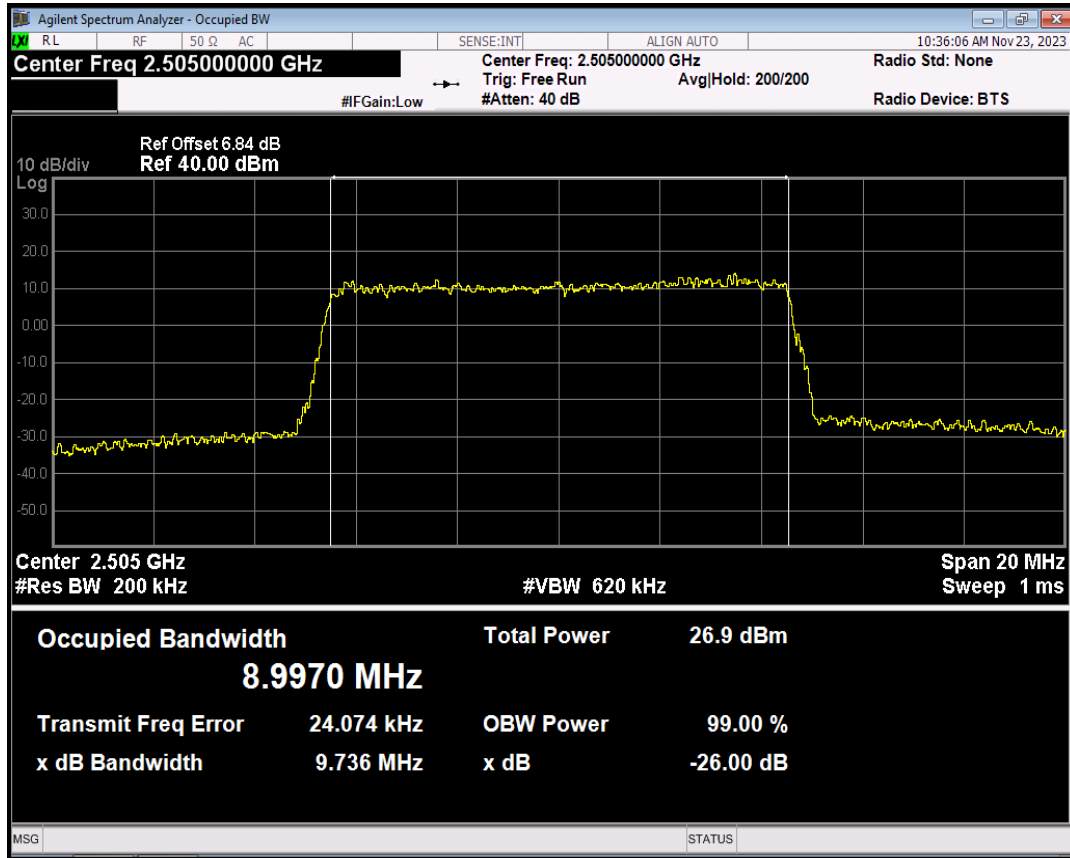
Band7 QPSK BW=5MHz Channel=21425 RB Size=25 Position=#0



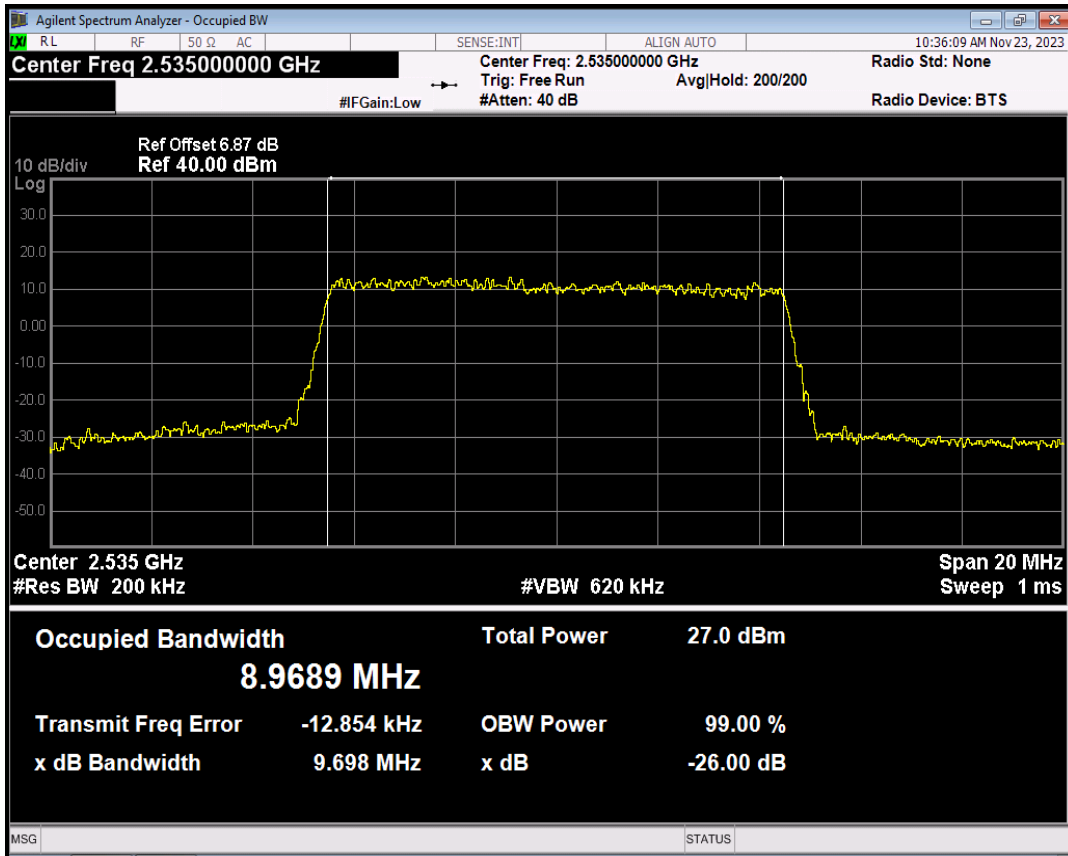
Band7 16QAM BW=5MHz Channel=21425 RB Size=25 Position=#0



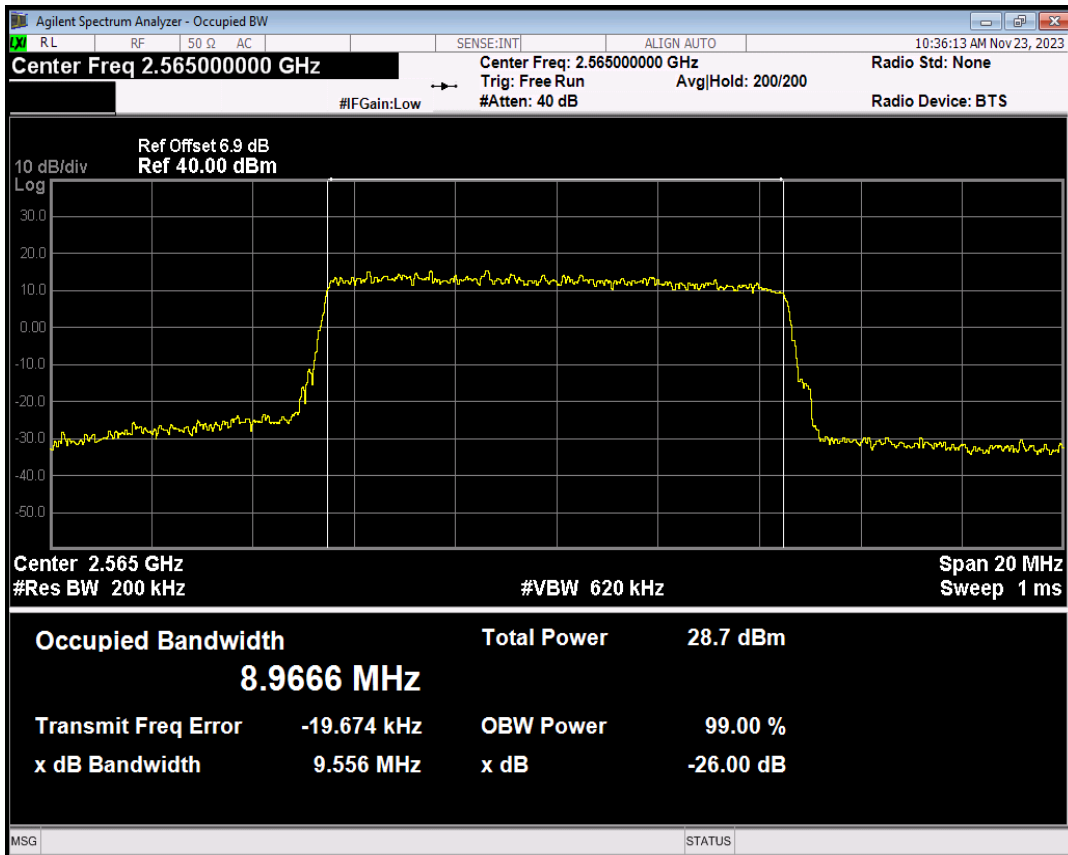
Band7 QPSK BW=10MHz Channel=20800 RB Size=50 Position=#0



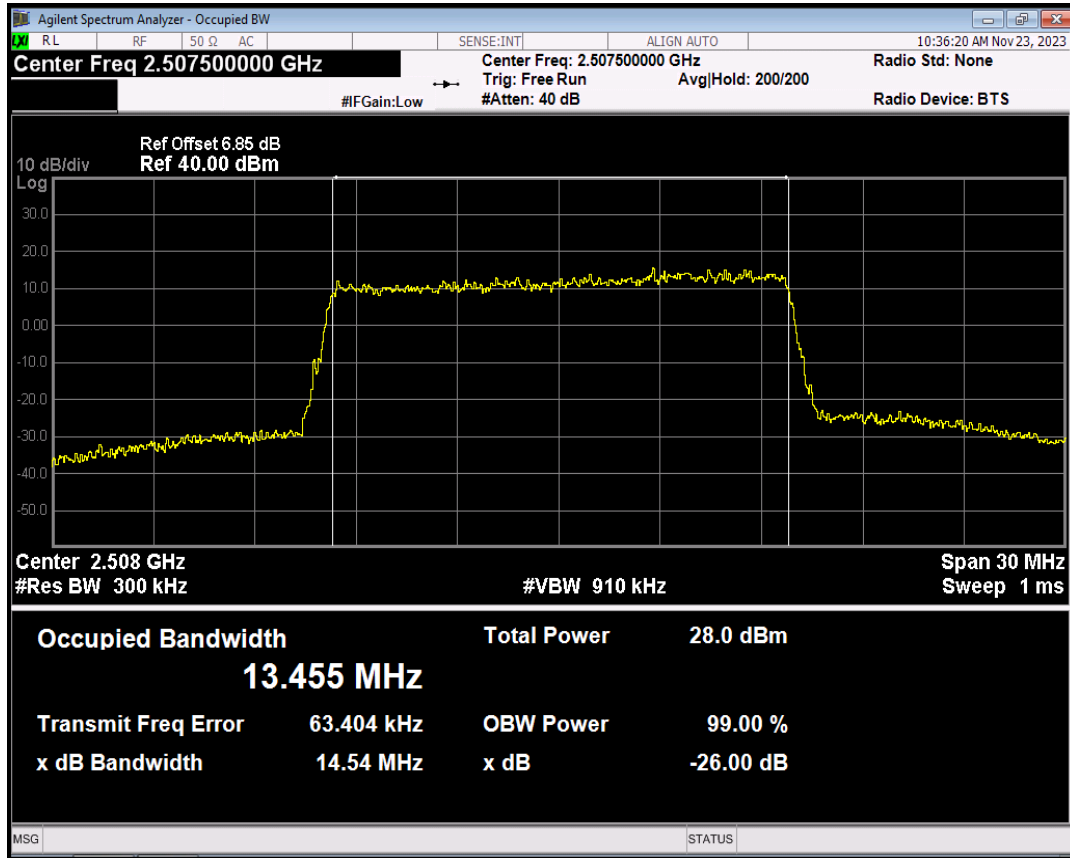
Band7 QPSK BW=10MHz Channel=21100 RB Size=50 Position=#0



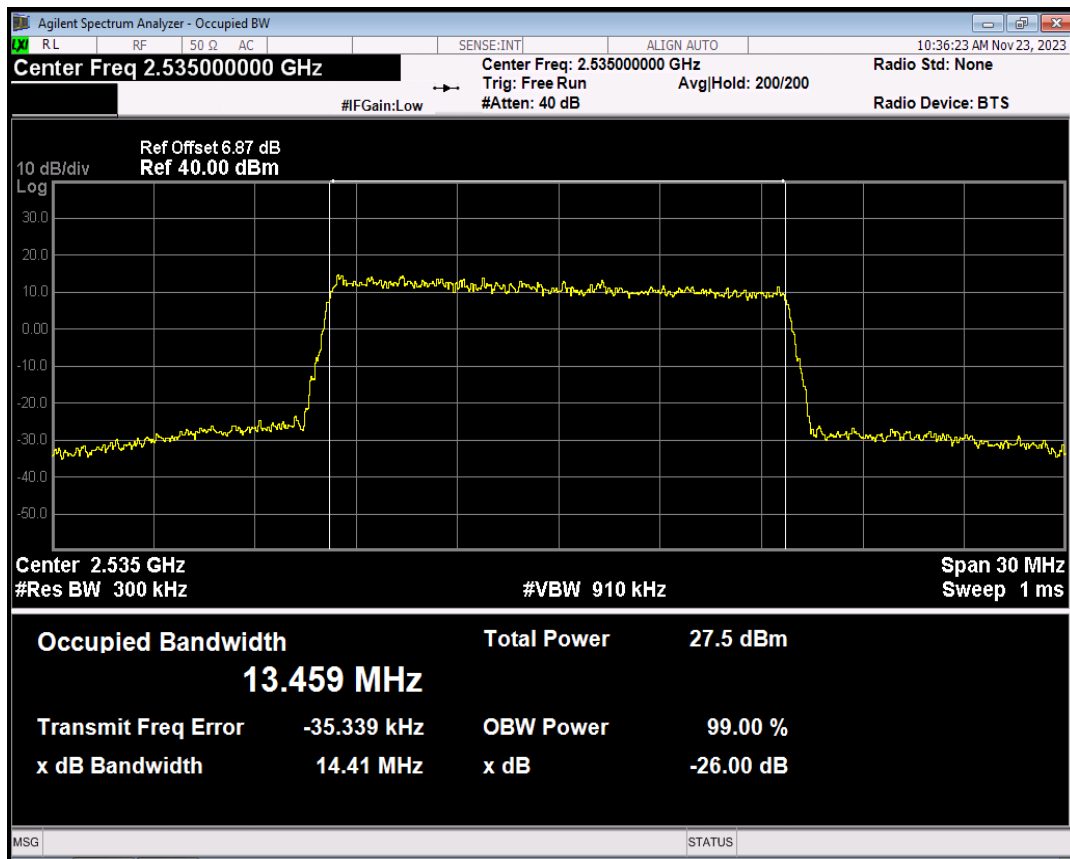
Band7 QPSK BW=10MHz Channel=21400 RB Size=50 Position=#0



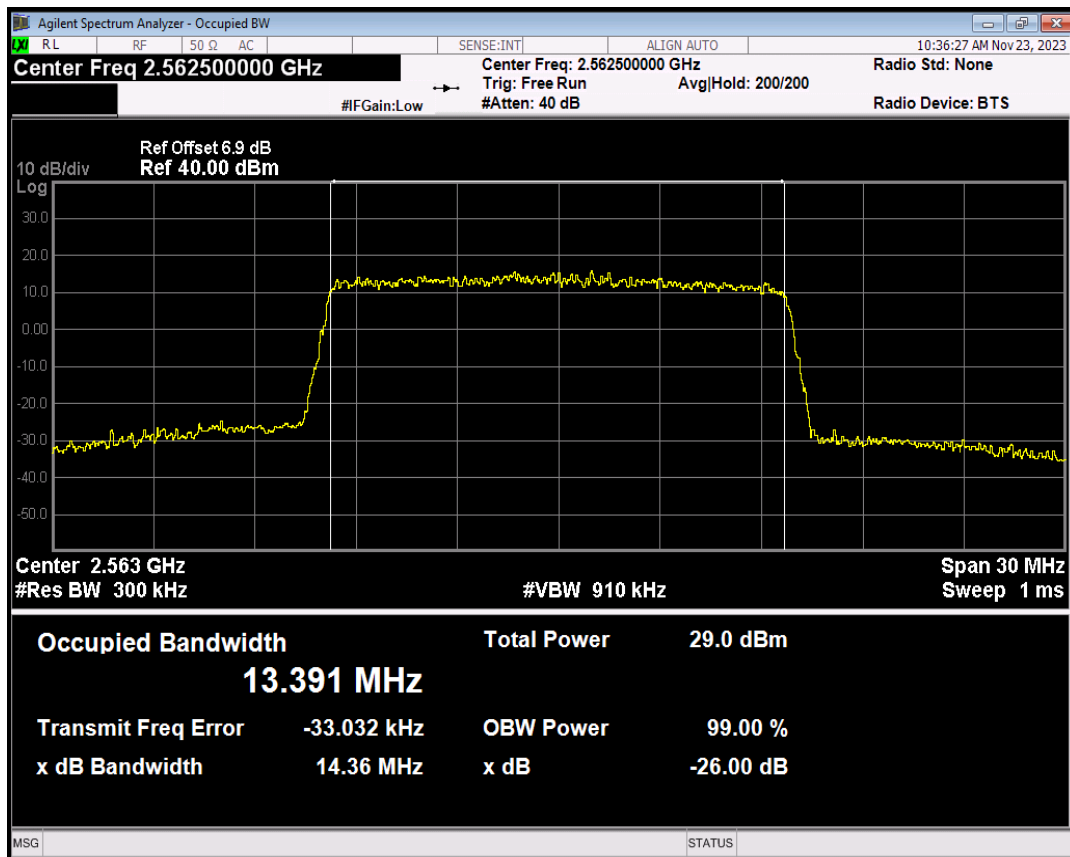
Band7 QPSK BW=15MHz Channel=20825 RB Size=75 Position=#0



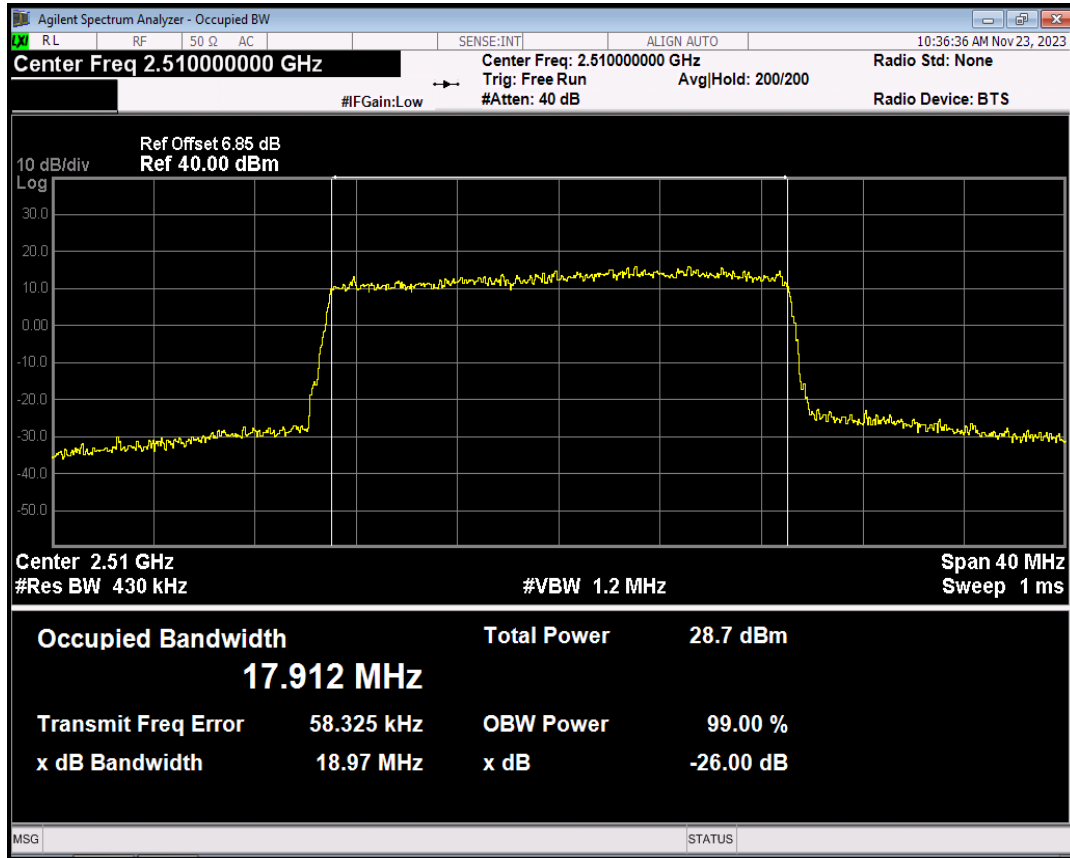
Band7 QPSK BW=15MHz Channel=21100 RB Size=75 Position=#0



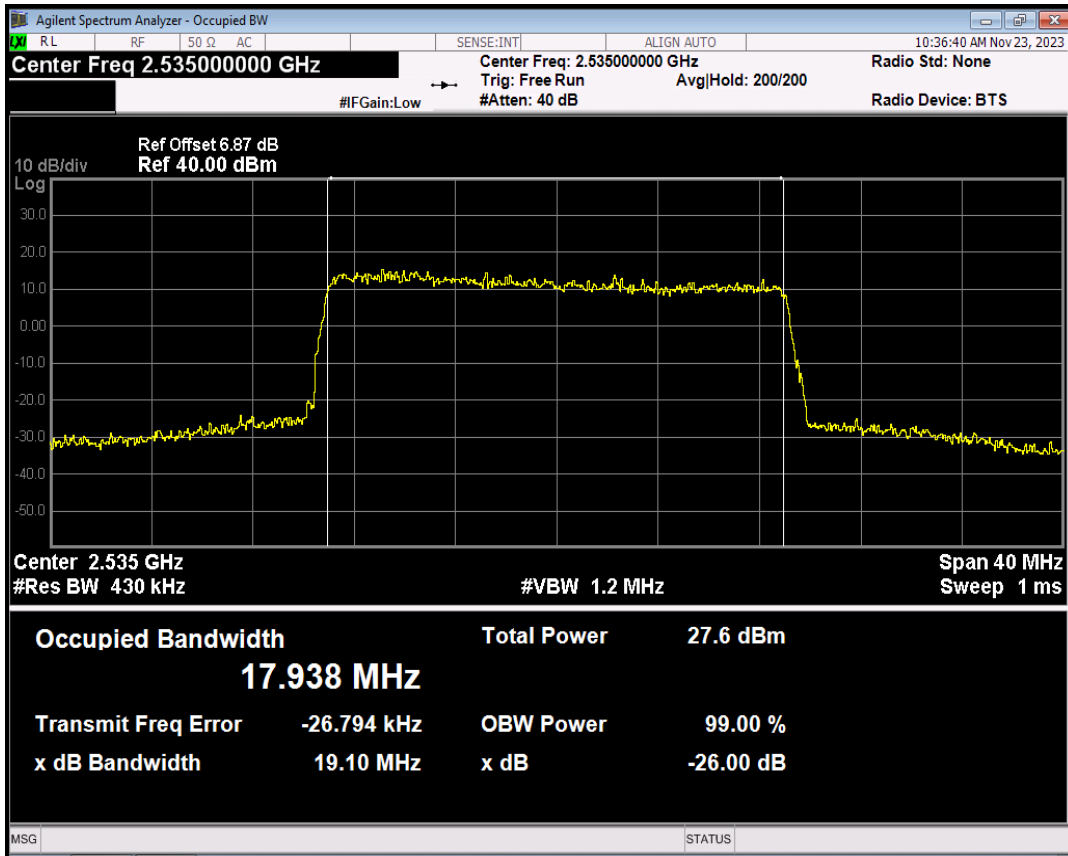
Band7 QPSK BW=15MHz Channel=21375 RB Size=75 Position=#0



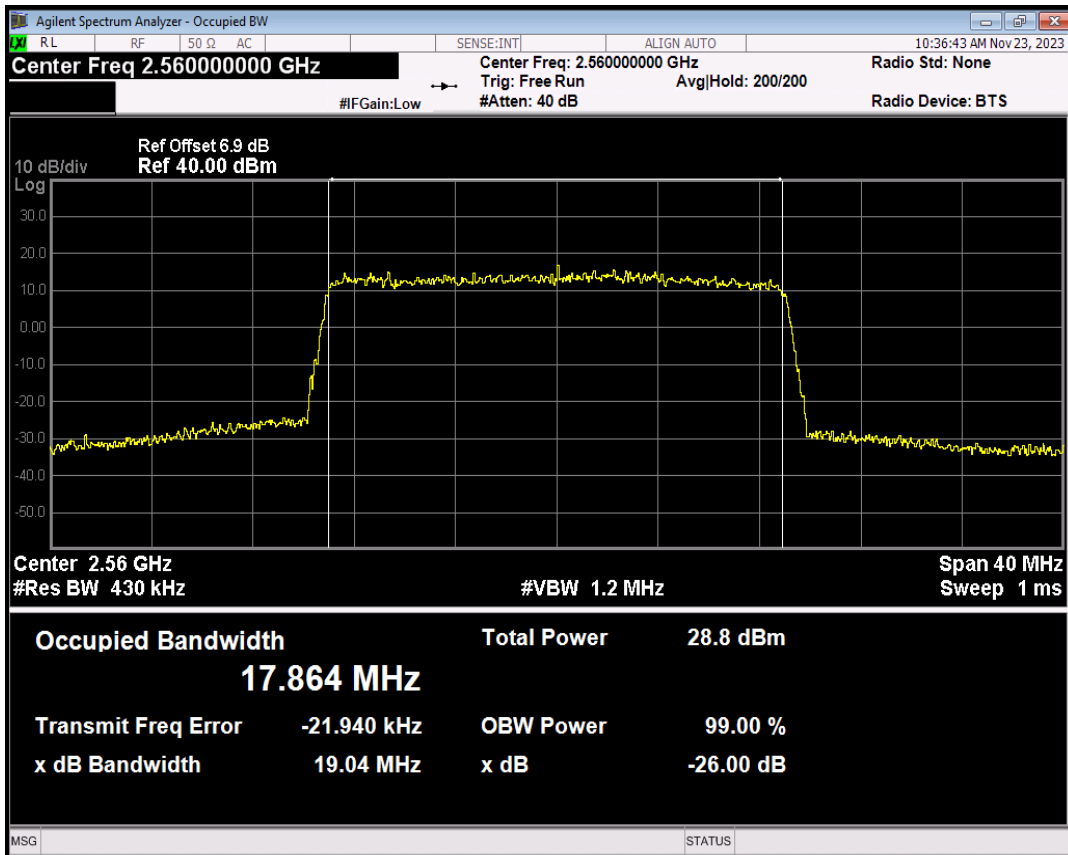
Band7 QPSK BW=20MHz Channel=20850 RB Size=100 Position=#0



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



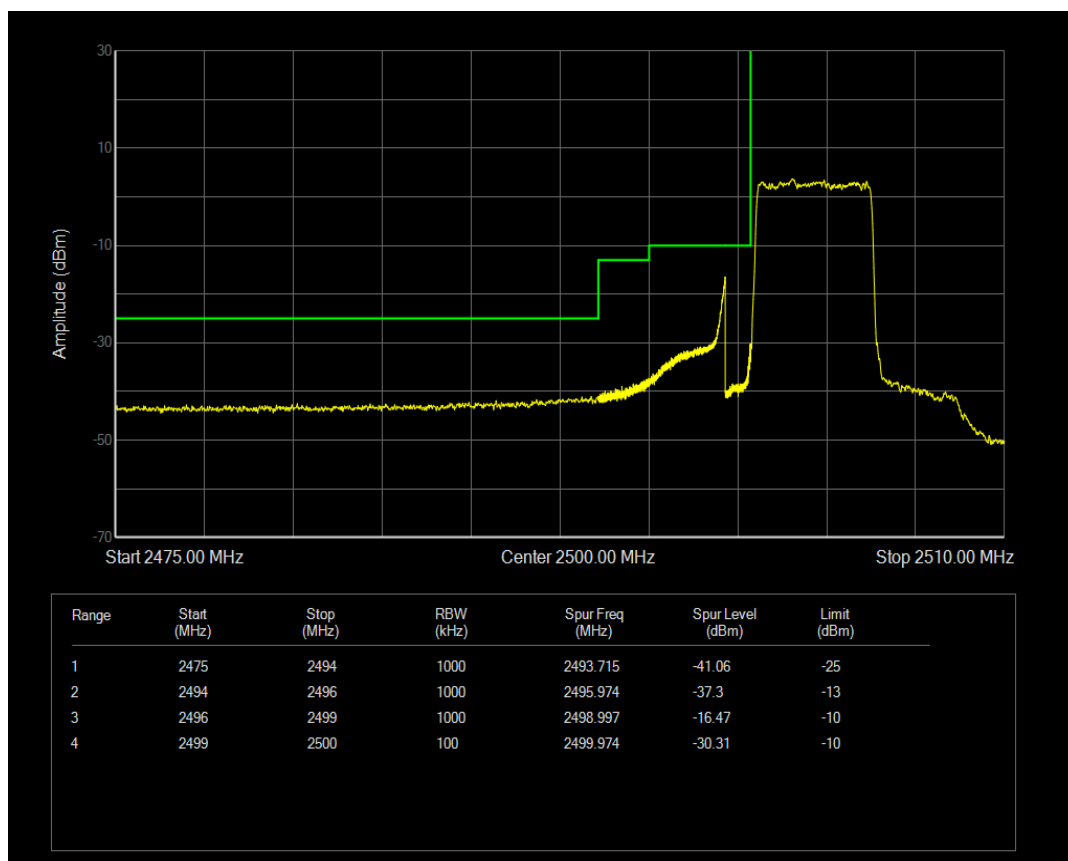
Band7 QPSK BW=20MHz Channel=21350 RB Size=100 Position=#0



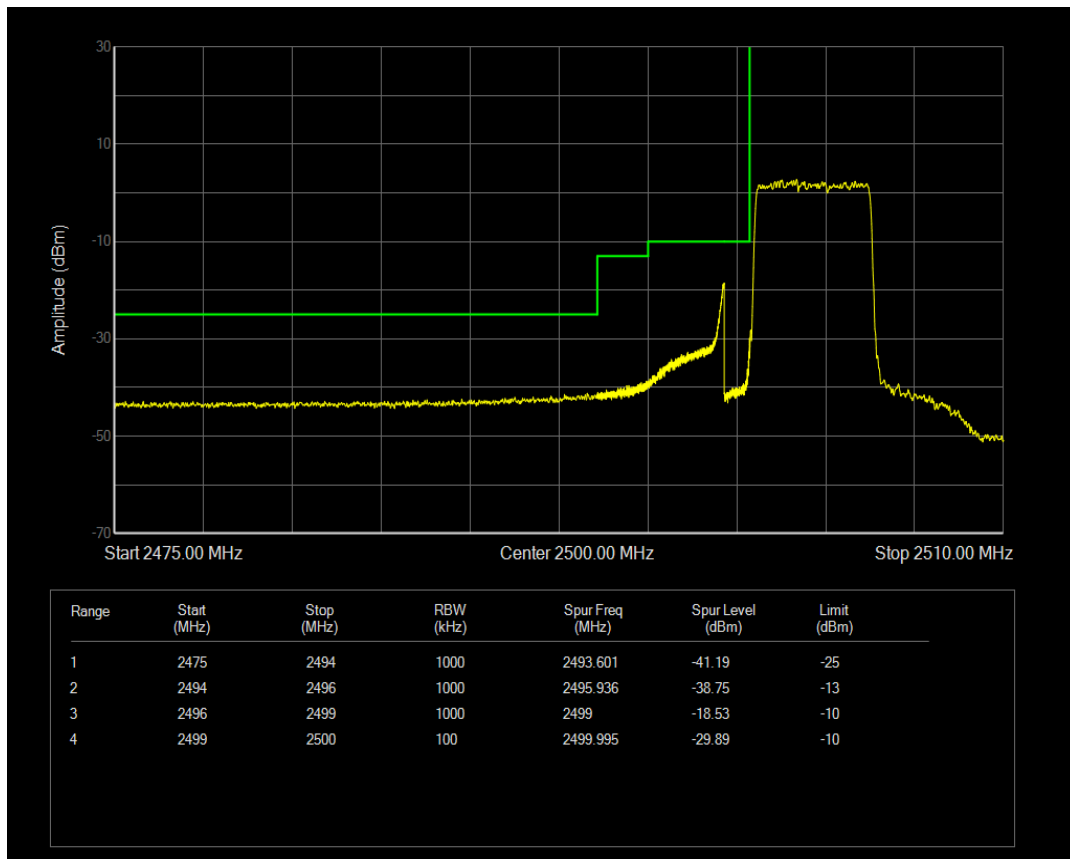
Appendix 5. Band edge

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	-16.47	-10	PASS
Band7	5	20775	25	#0	16QAM	2499.00	-18.53	-10	PASS
Band7	5	21425	25	#0	QPSK	2571.00	-16.53	-10	PASS
Band7	5	21425	25	#0	16QAM	2571.00	-17.18	-10	PASS
Band7	10	20800	50	#0	QPSK	2489.57	-42.06	-25	PASS
Band7	10	21400	50	#0	QPSK	2580.20	-40.54	-25	PASS
Band7	15	20825	75	#0	QPSK	2484.38	-42.20	-25	PASS
Band7	15	21375	75	#0	QPSK	2586.40	-41.16	-25	PASS
Band7	20	20850	100	#0	QPSK	2479.00	-42.57	-25	PASS
Band7	20	21350	100	#0	QPSK	2592.46	-41.91	-25	PASS

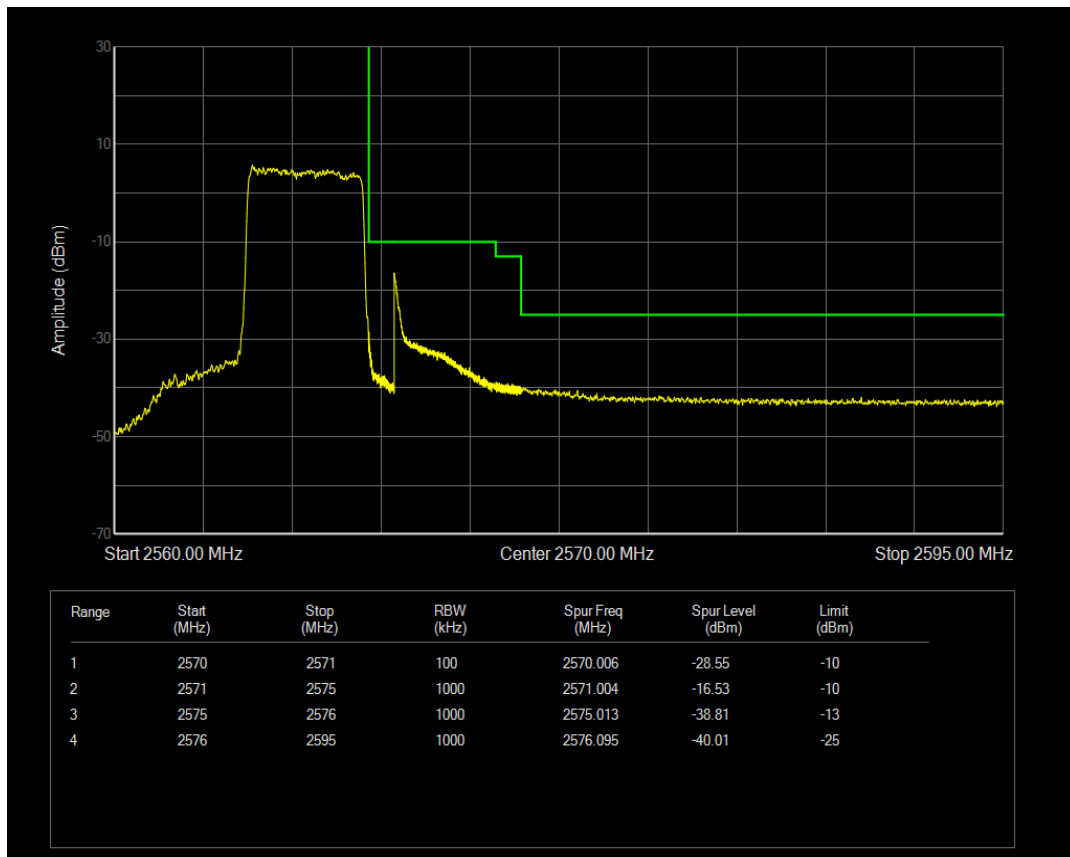
Band7 QPSK BW=5MHz Channel=20775 RB Size=25 Position=#0



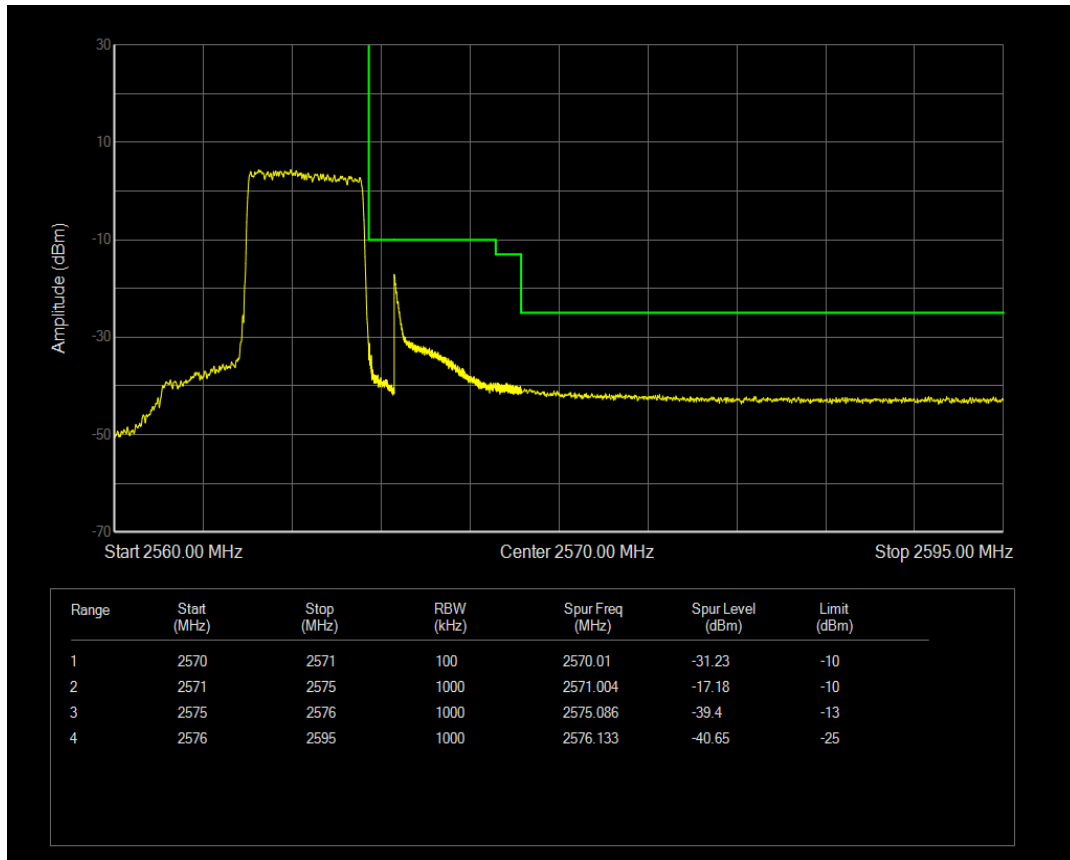
Band7 16QAM BW=5MHz Channel=20775 RB Size=25 Position=#0



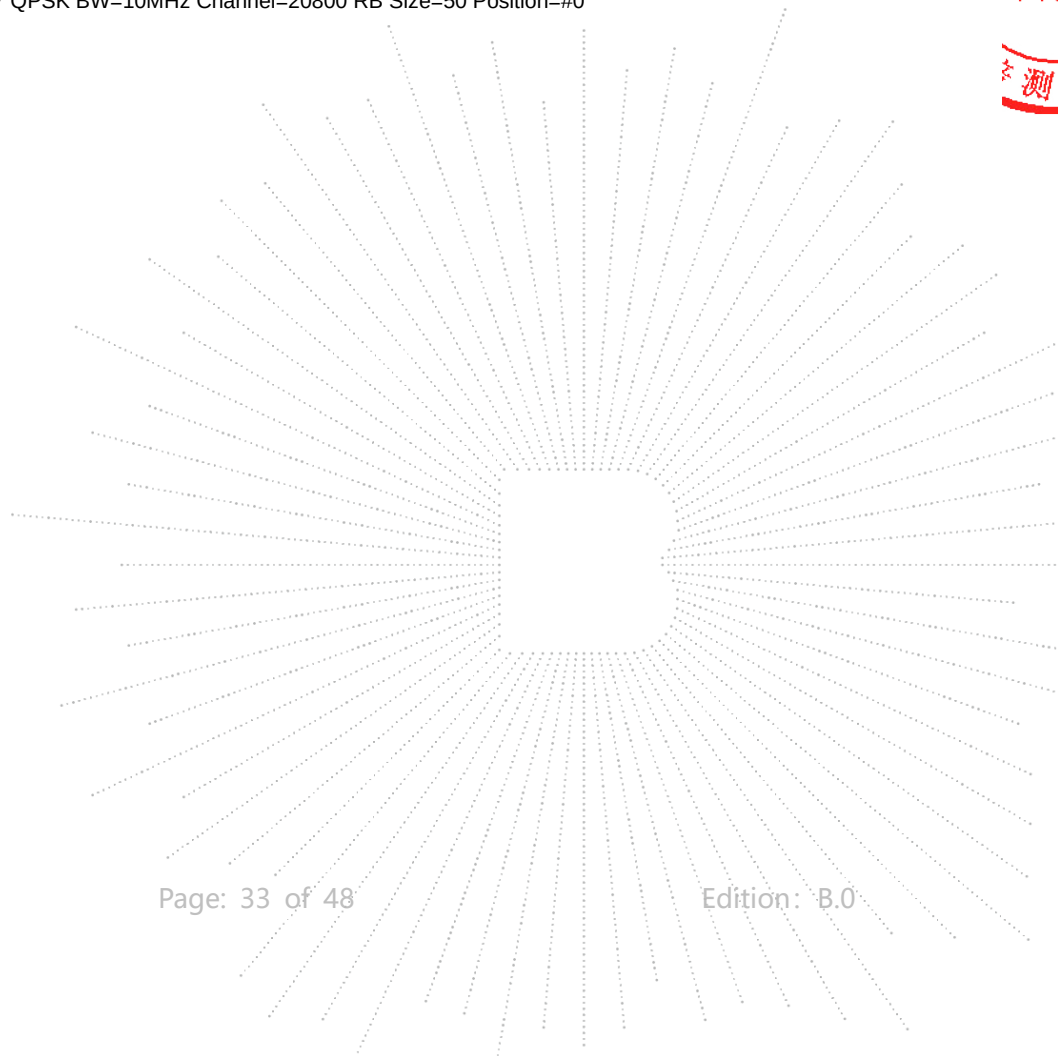
Band7 QPSK BW=5MHz Channel=21425 RB Size=25 Position=#0

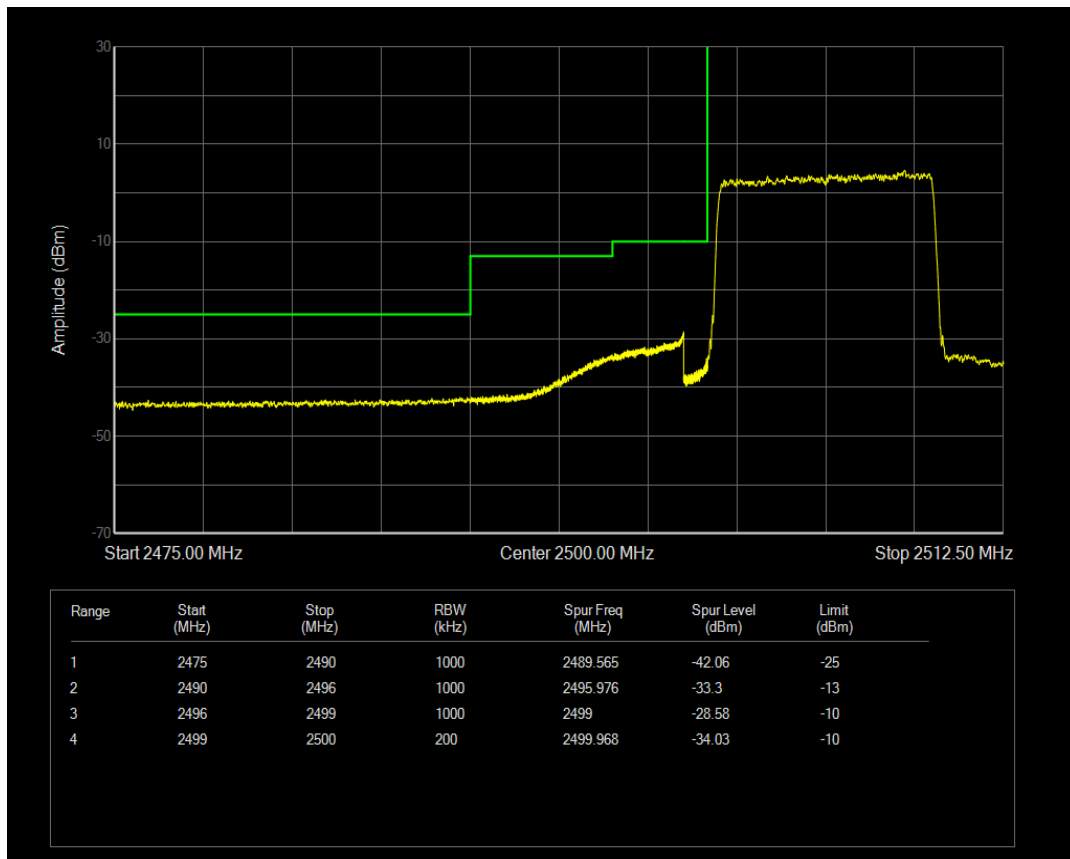


Band7 16QAM BW=5MHz Channel=21425 RB Size=25 Position=#0

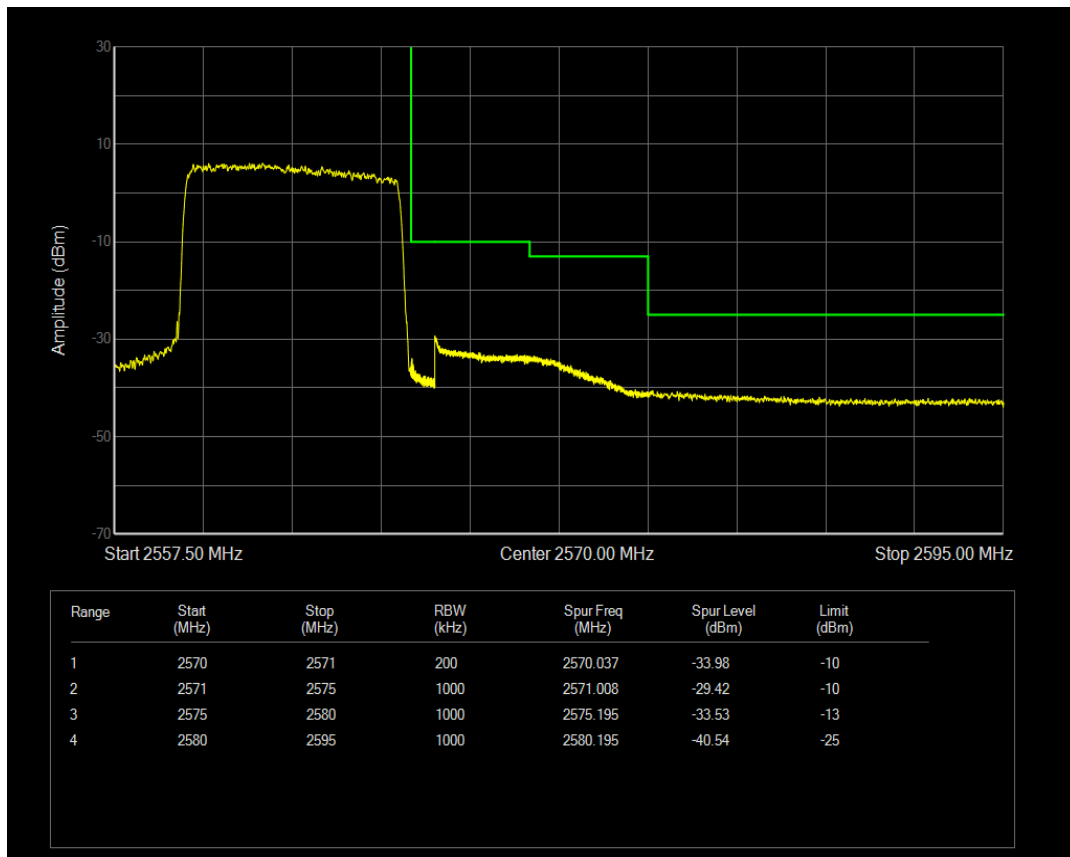


Band7 QPSK BW=10MHz Channel=20800 RB Size=50 Position=#0

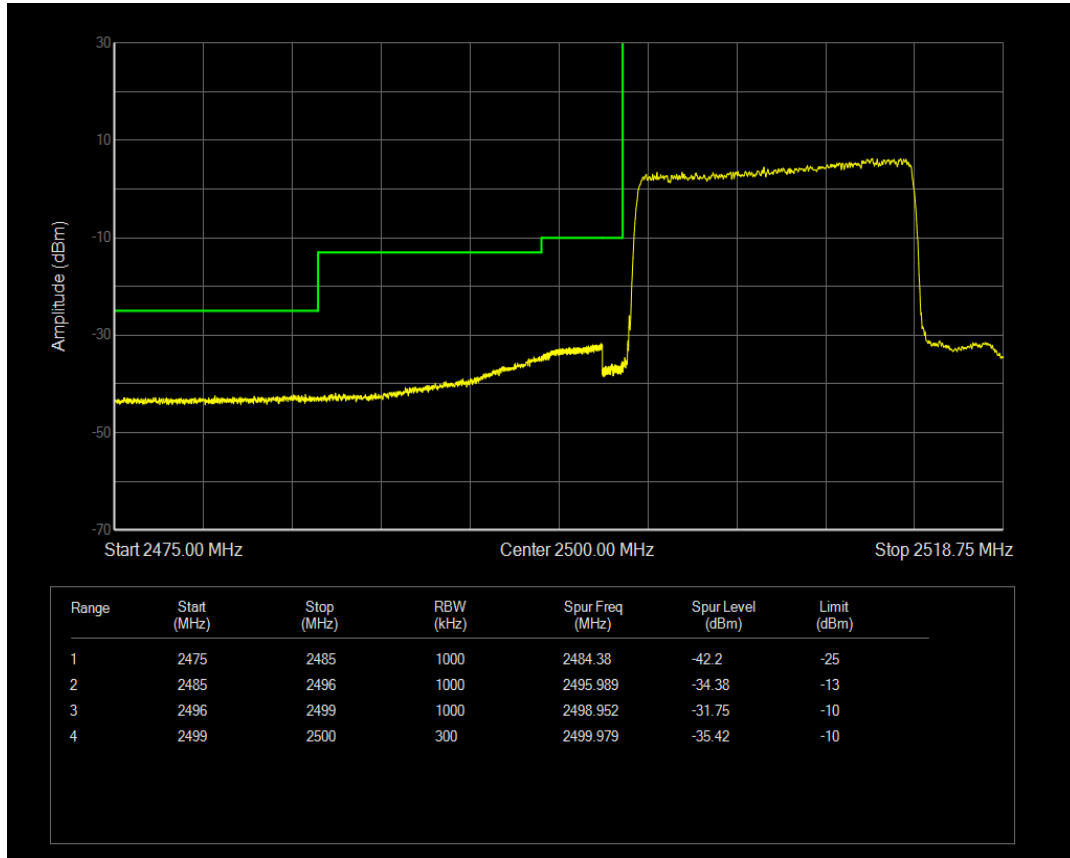




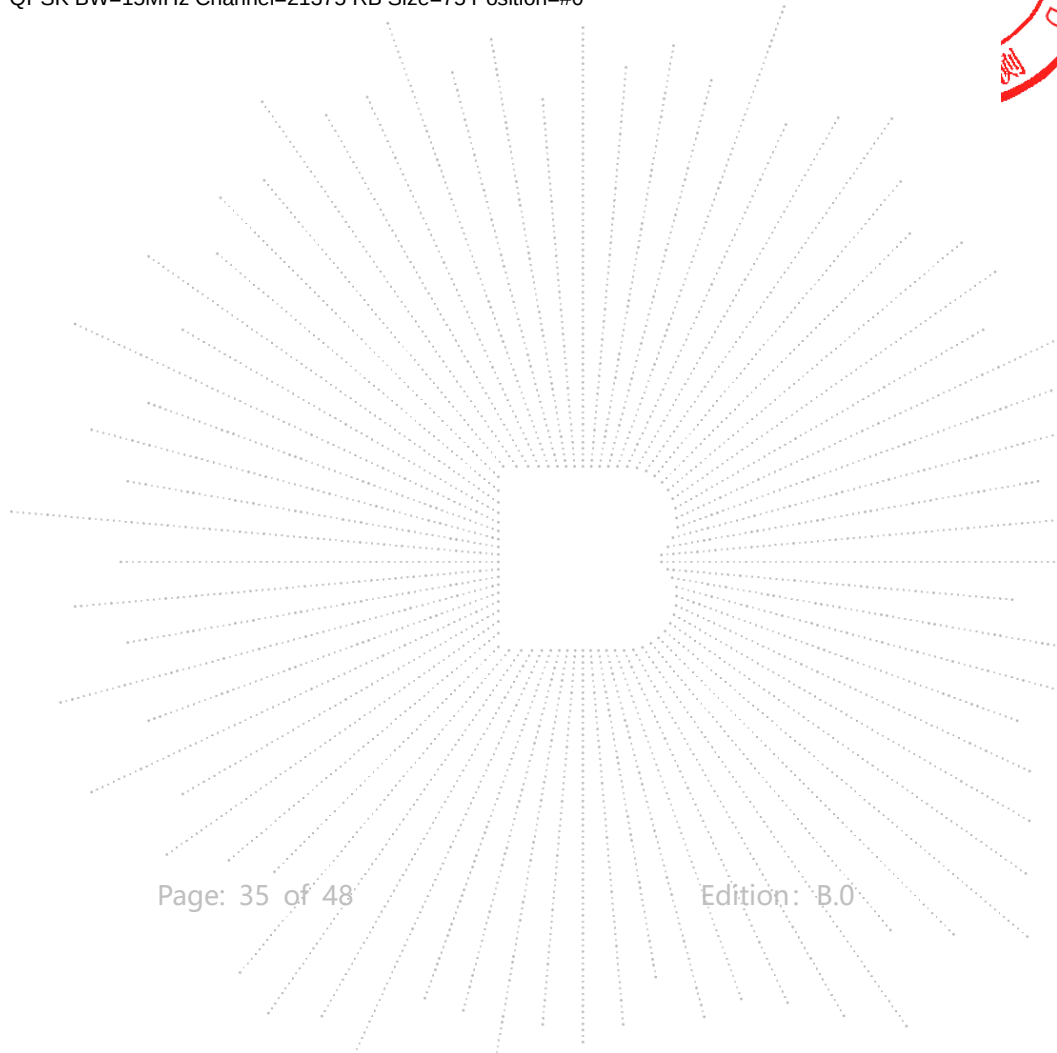
Band7 QPSK BW=10MHz Channel=21400 RB Size=50 Position=#0

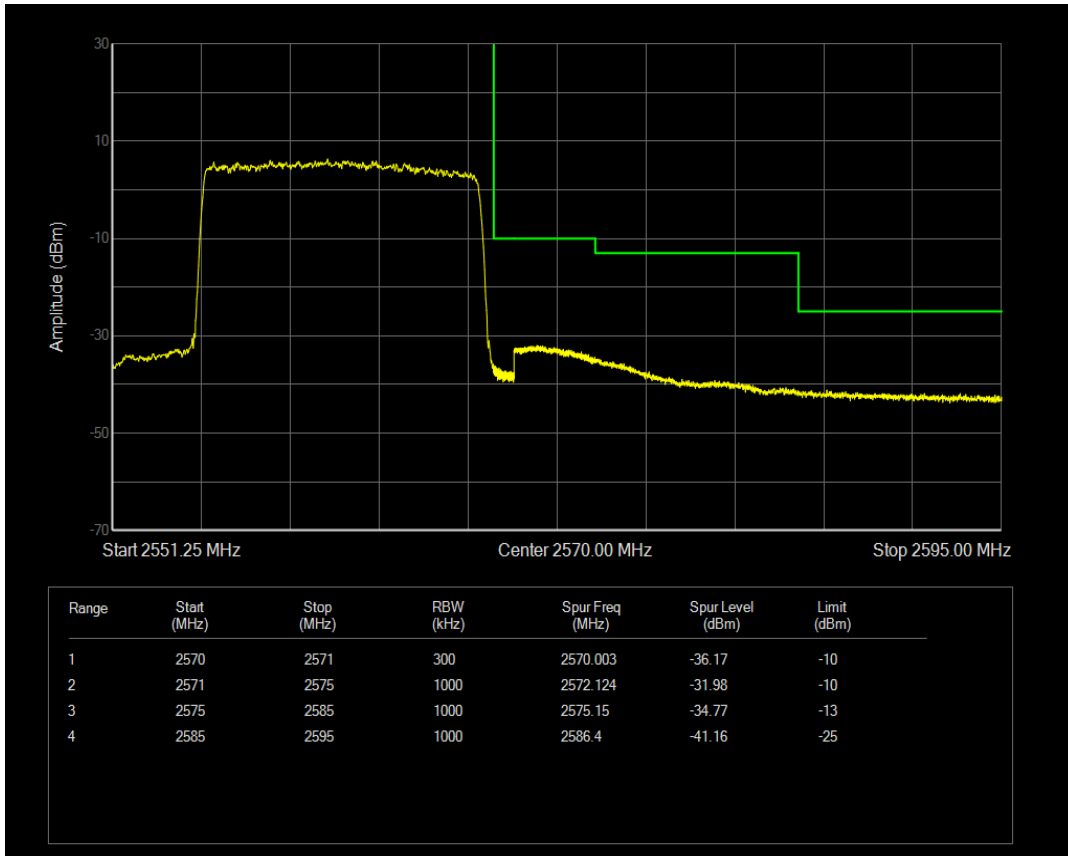


Band7 QPSK BW=15MHz Channel=20825 RB Size=75 Position=#0

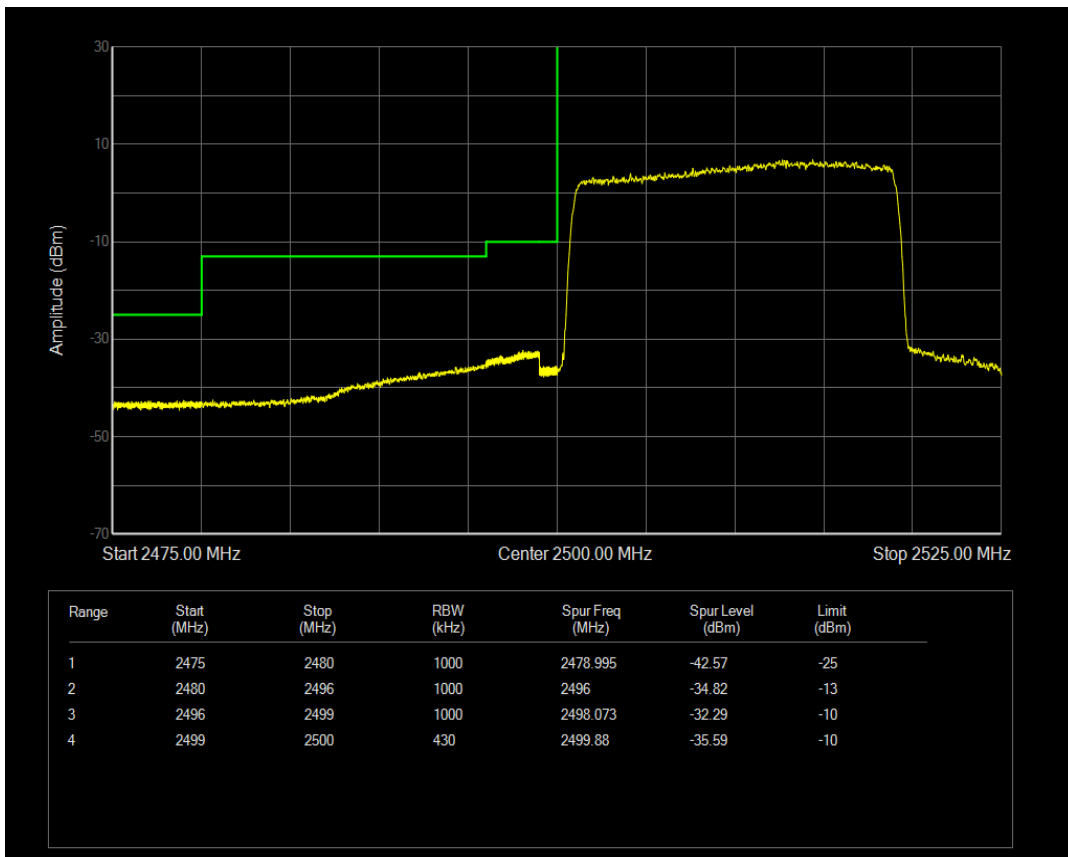


Band7 QPSK BW=15MHz Channel=21375 RB Size=75 Position=#0

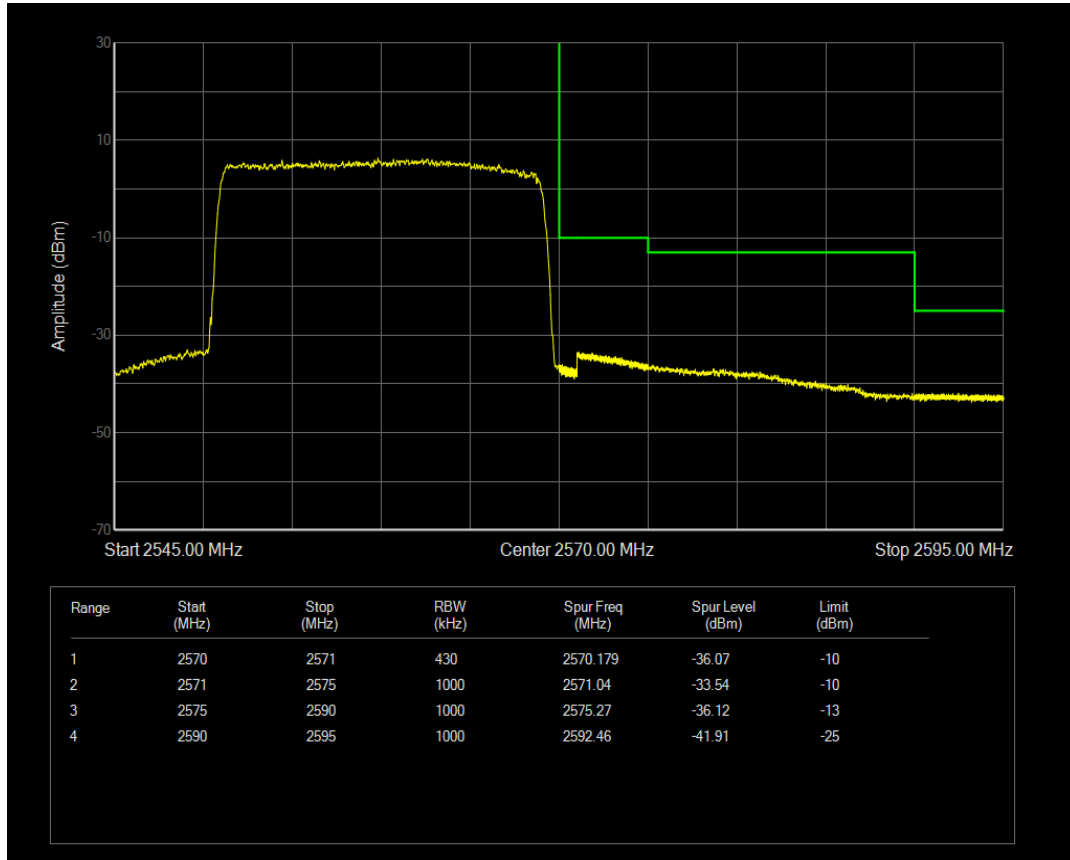




Band7 QPSK BW=20MHz Channel=20850 RB Size=100 Position=#0



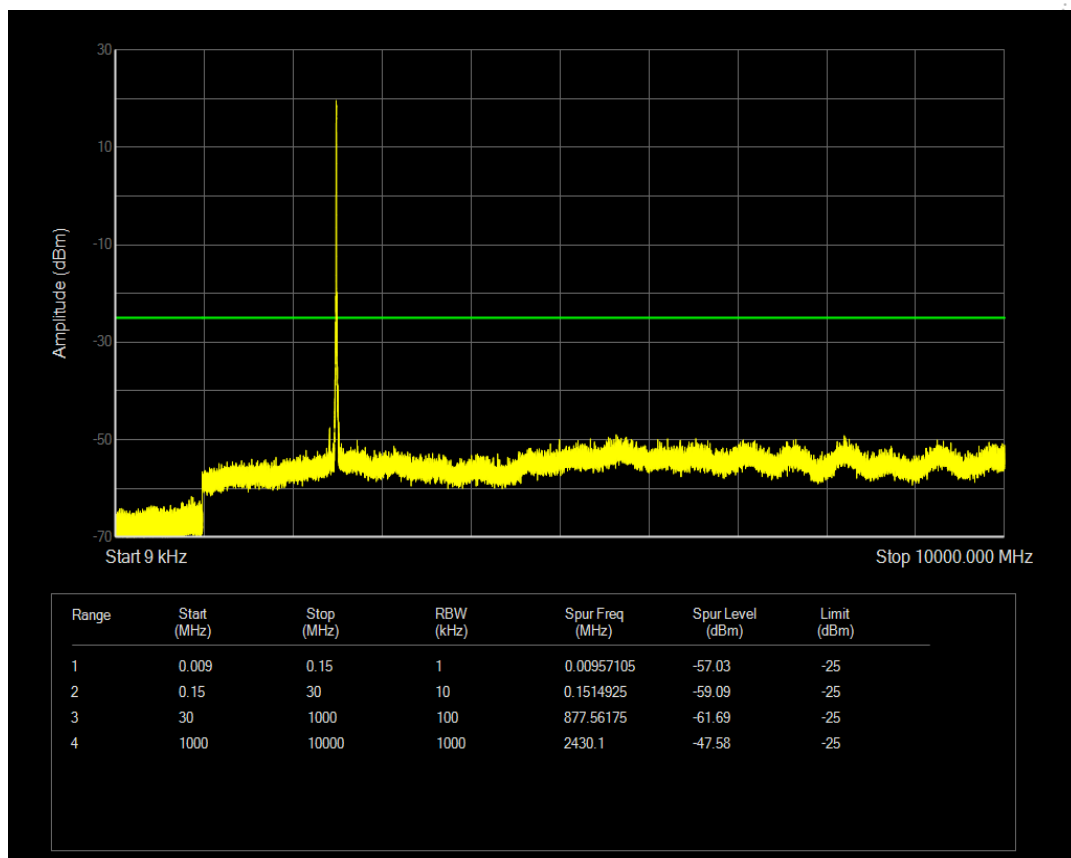
Band7 QPSK BW=20MHz Channel=21350 RB Size=100 Position=#0



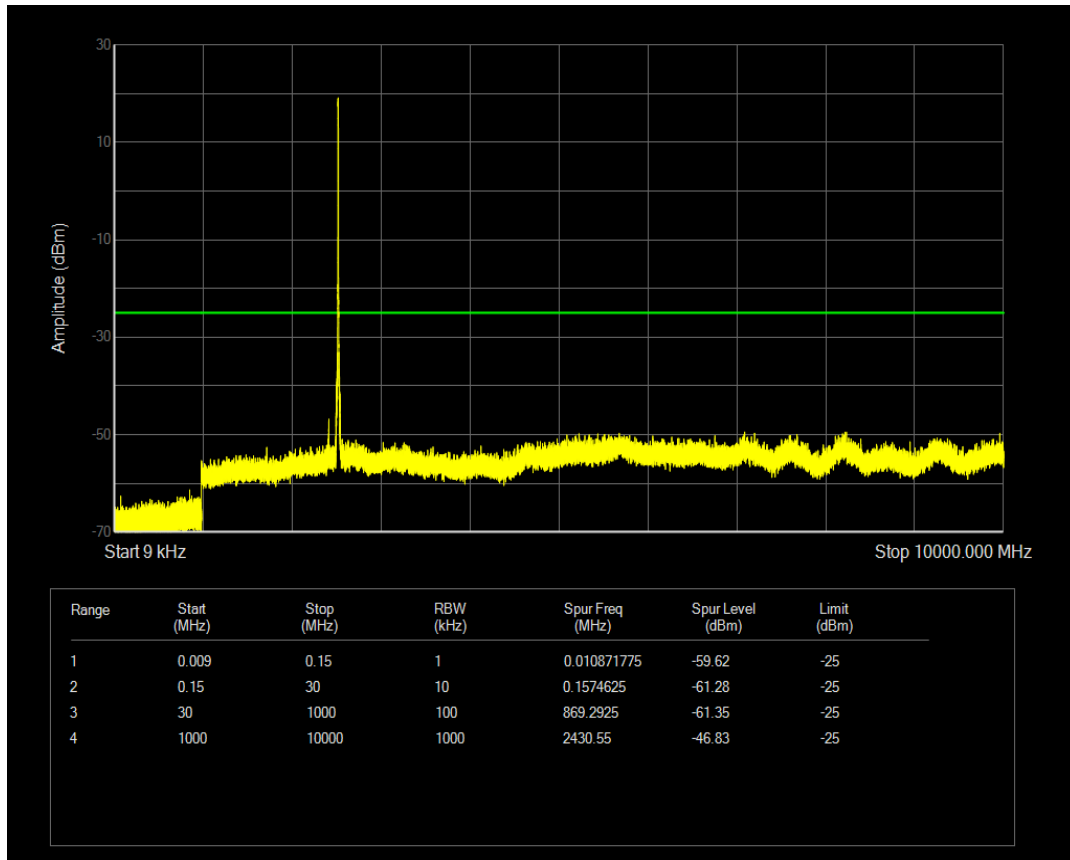
Appendix 6. Out-of-band emissions

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	2429.88	-48.04	-25	PASS
Band7	5	20775	25	#0	16QAM	2430.10	-47.58	-25	PASS
Band7	5	21100	25	#0	QPSK	2428.53	-47.99	-25	PASS
Band7	5	21100	25	#0	16QAM	2430.55	-46.83	-25	PASS
Band7	5	21425	25	#0	QPSK	2426.05	-45.73	-25	PASS
Band7	5	21425	25	#0	16QAM	2429.20	-48.11	-25	PASS
Band7	10	20800	50	#0	QPSK	5701.83	-48.89	-25	PASS
Band7	10	21100	50	#0	QPSK	2429.65	-47.45	-25	PASS
Band7	10	21400	50	#0	QPSK	2313.78	-42.21	-25	PASS
Band7	15	20825	75	#0	QPSK	2428.75	-47.87	-25	PASS
Band7	15	21100	75	#0	QPSK	2428.30	-48.96	-25	PASS
Band7	15	21375	75	#0	QPSK	2432.35	-43.14	-25	PASS
Band7	20	20850	100	#0	QPSK	5120.65	-49.05	-25	PASS
Band7	20	21100	100	#0	QPSK	5698.90	-49.21	-25	PASS
Band7	20	21350	100	#0	QPSK	2345.73	-43.78	-25	PASS

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

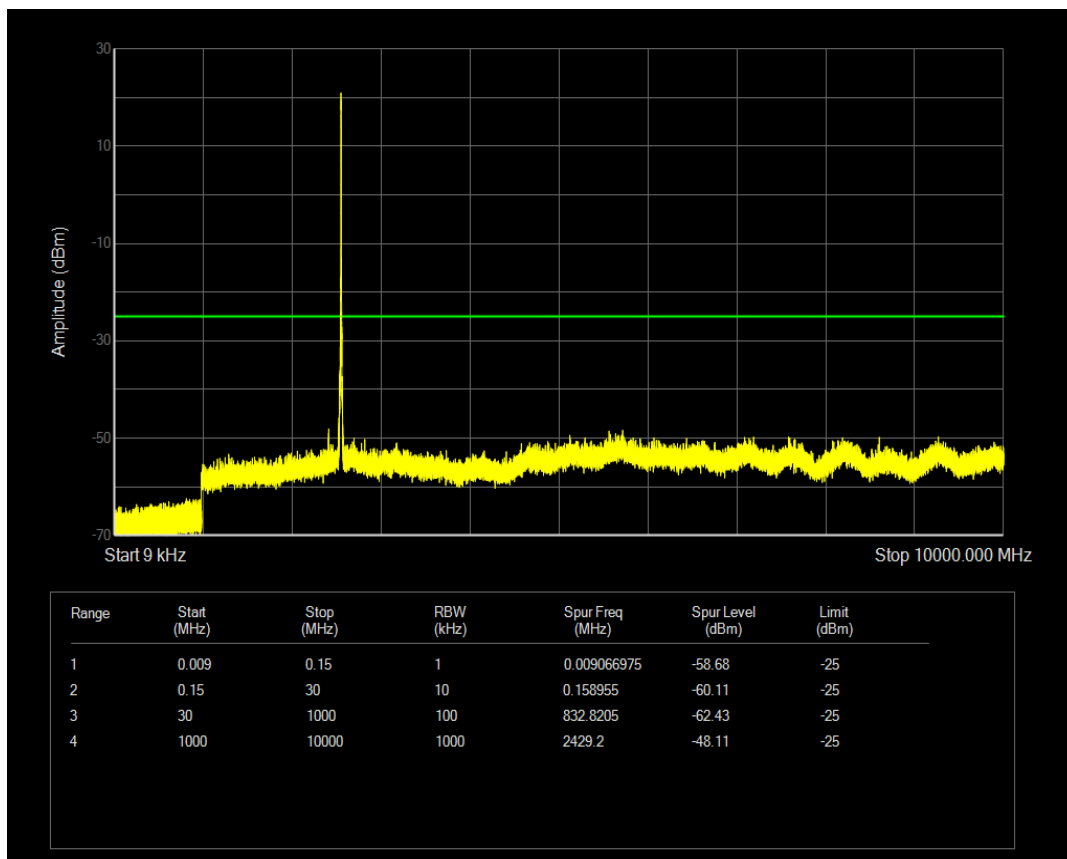


Band7 16QAM BW=5MHz Channel=21100 RB Size=25 Position=#0

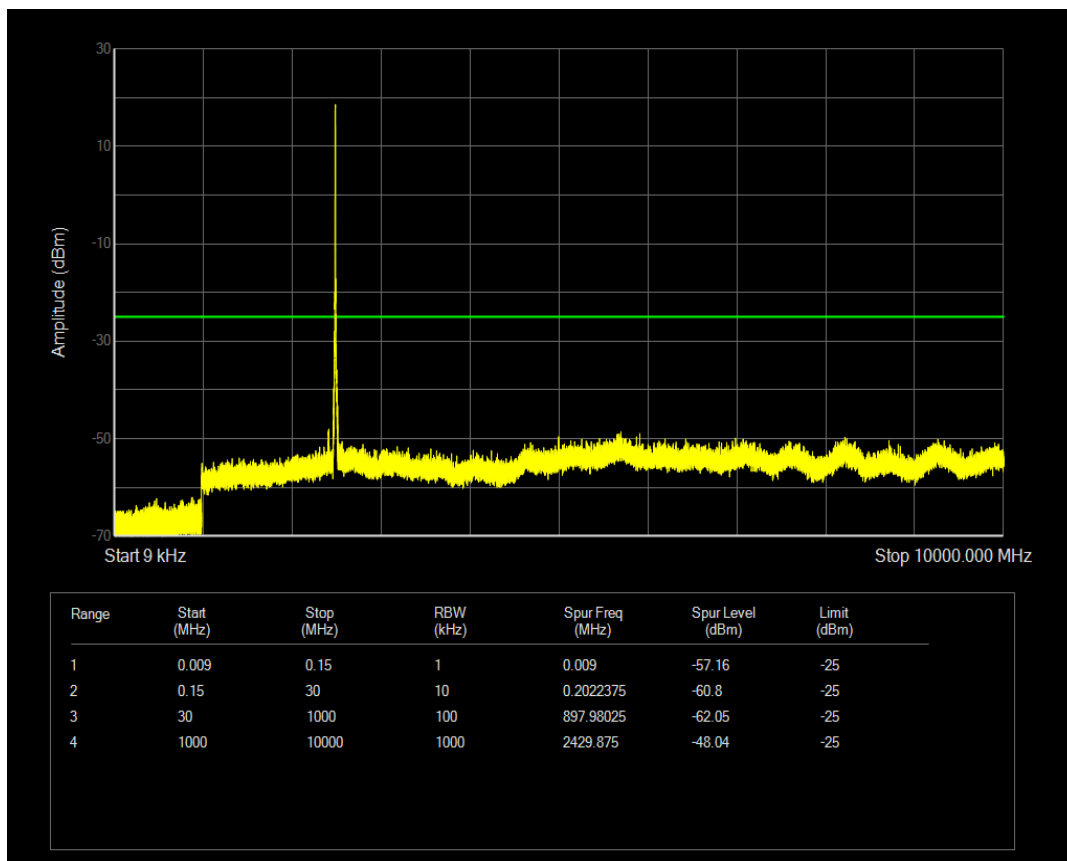


Band7 16QAM BW=5MHz Channel=21425 RB Size=25 Position=#0

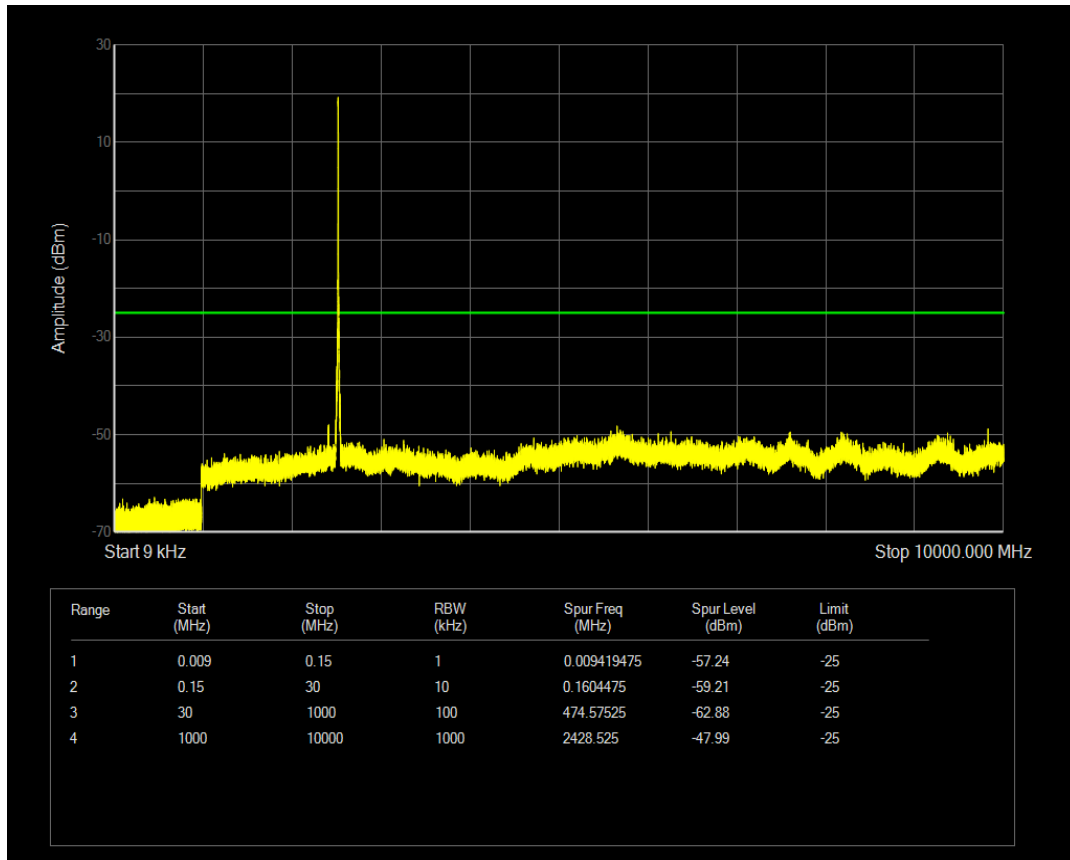
TC
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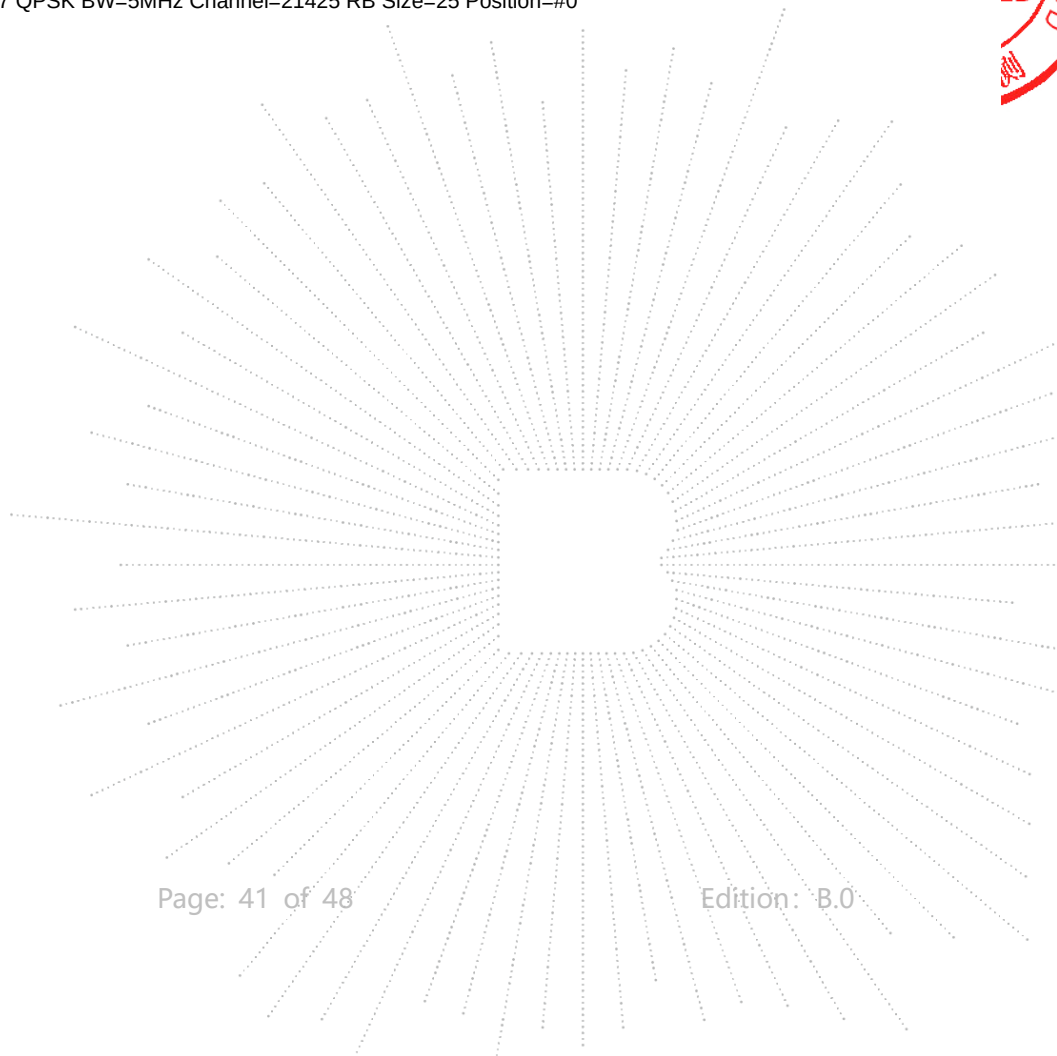
Band7 QPSK BW=5MHz Channel=20775 RB Size=25 Position=#0

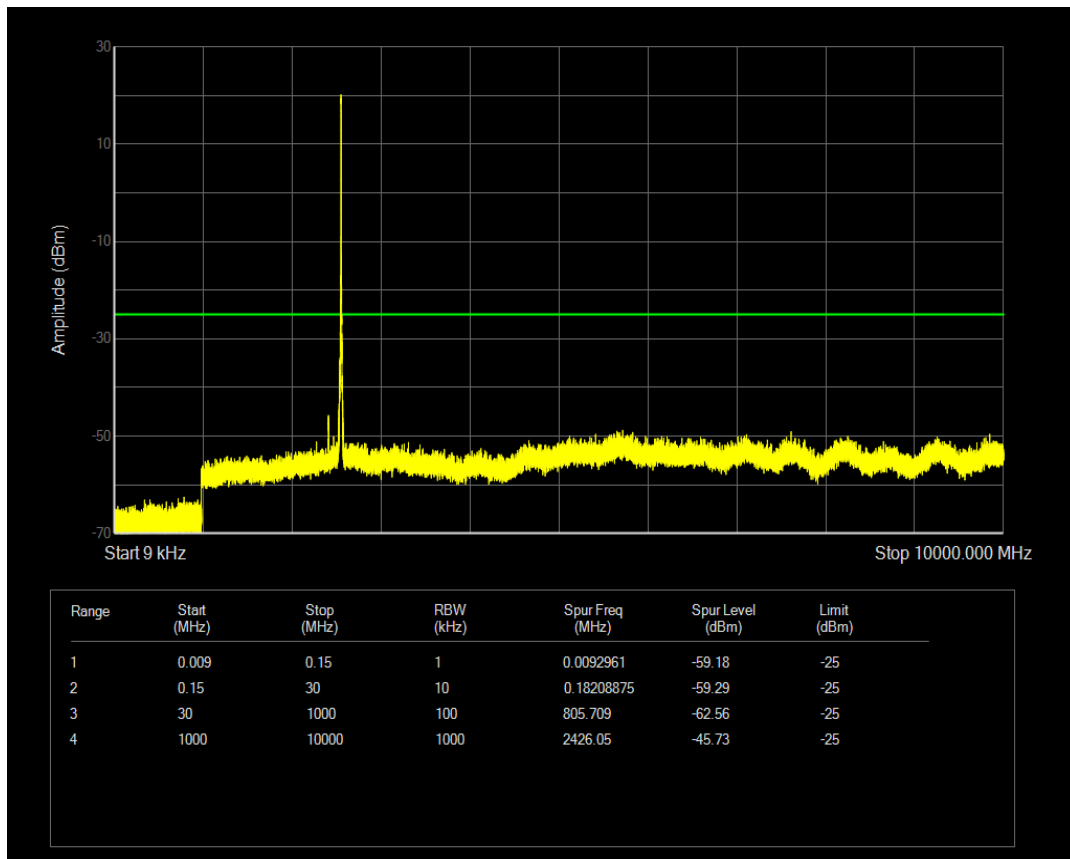


Band7 QPSK BW=5MHz Channel=21100 RB Size=25 Position=#0

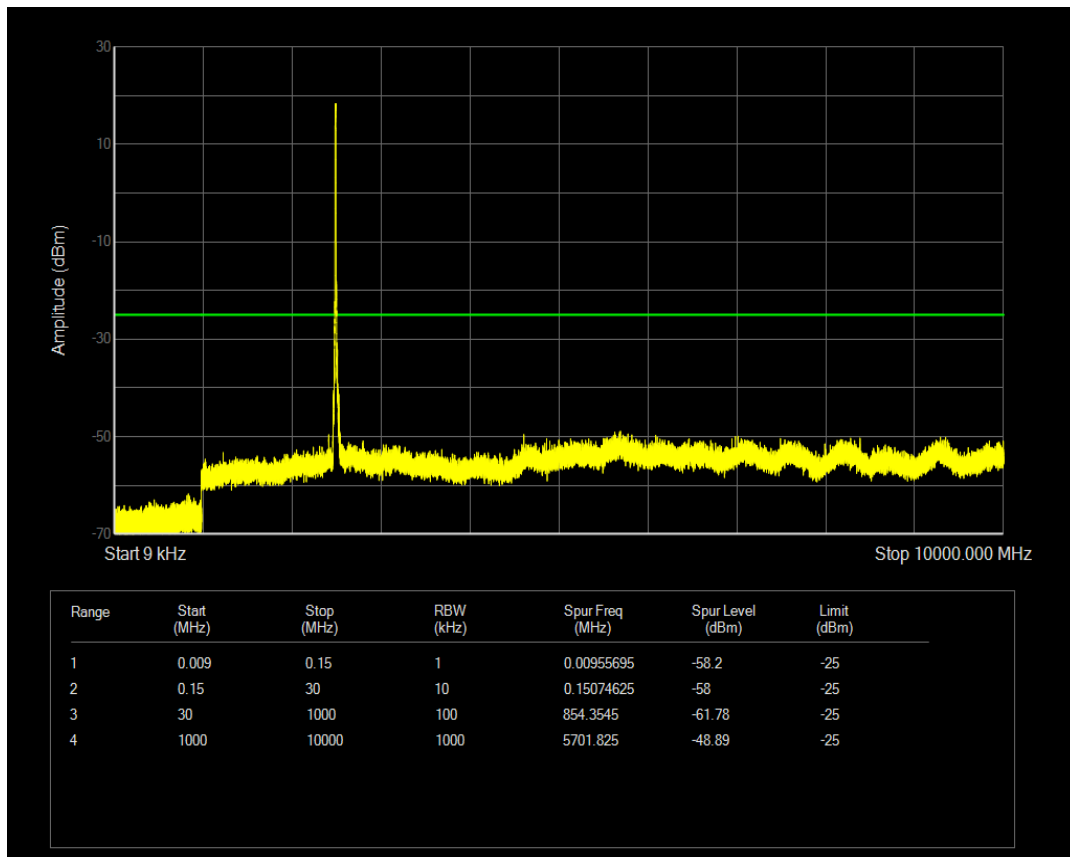


Band7 QPSK BW=5MHz Channel=21425 RB Size=25 Position=#0

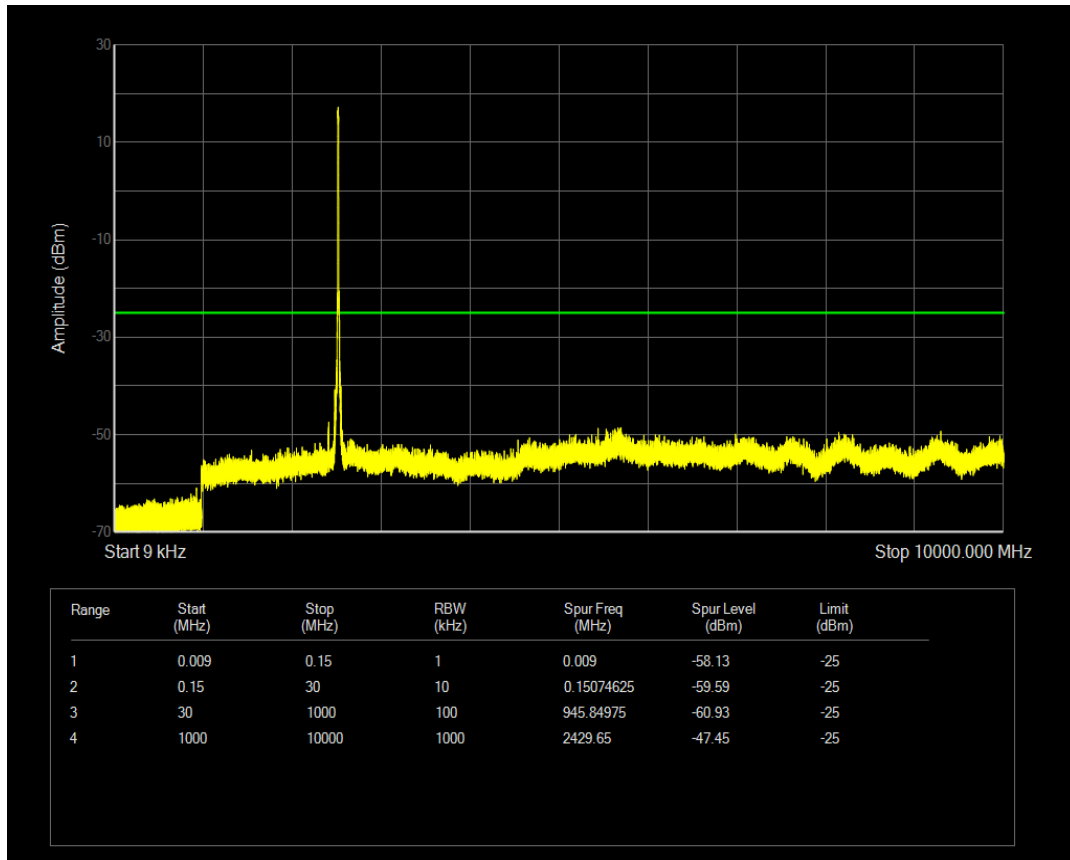




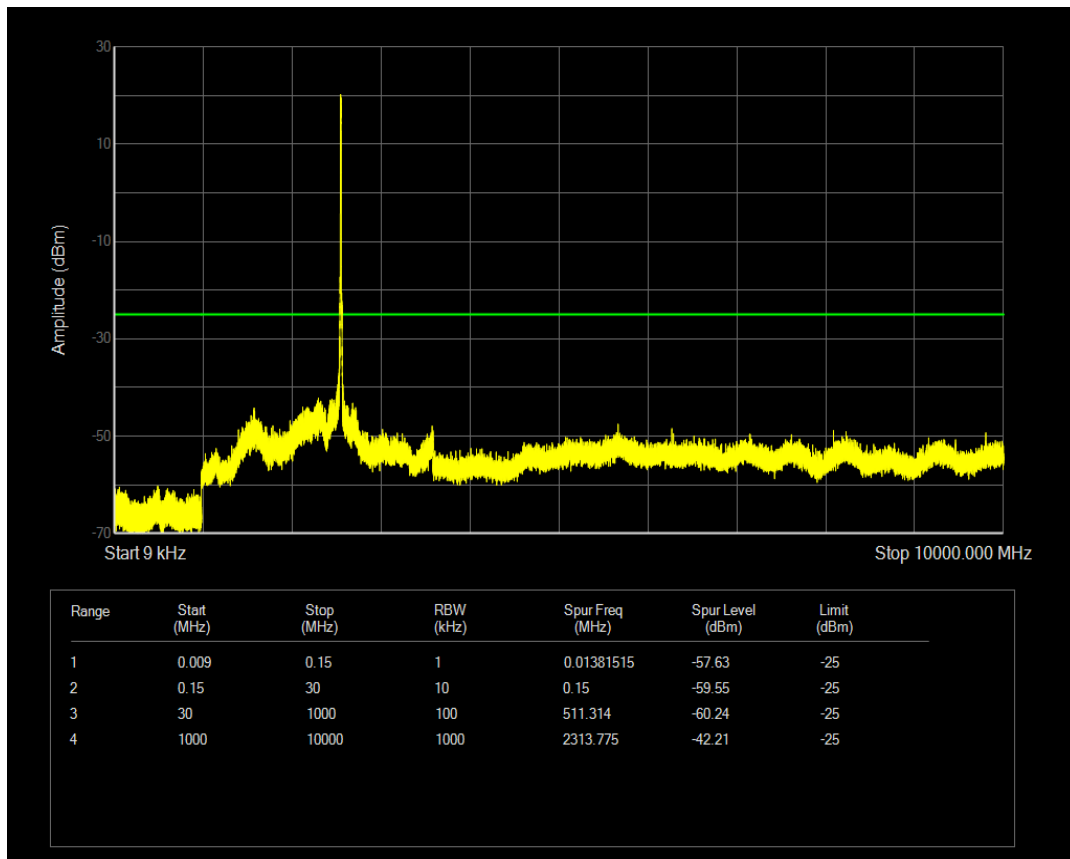
Band7 QPSK BW=10MHz Channel=20800 RB Size=50 Position=#0



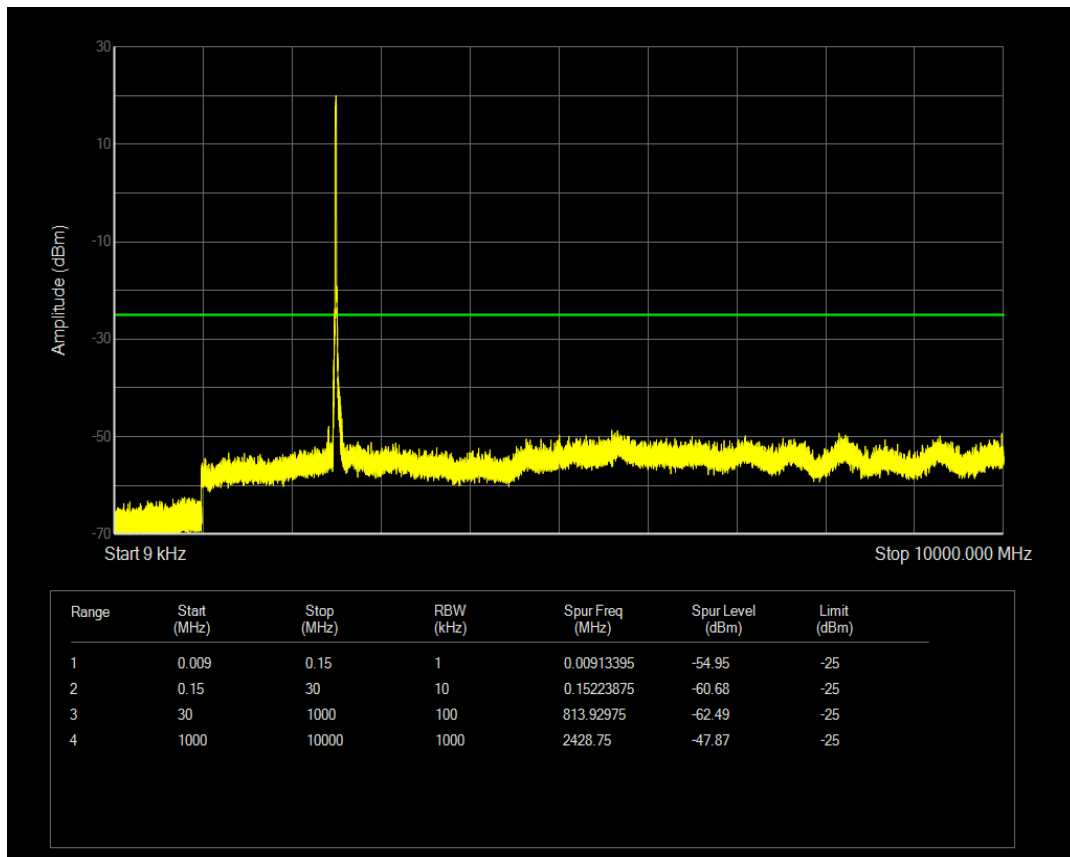
Band7 QPSK BW=10MHz Channel=21100 RB Size=50 Position=#0



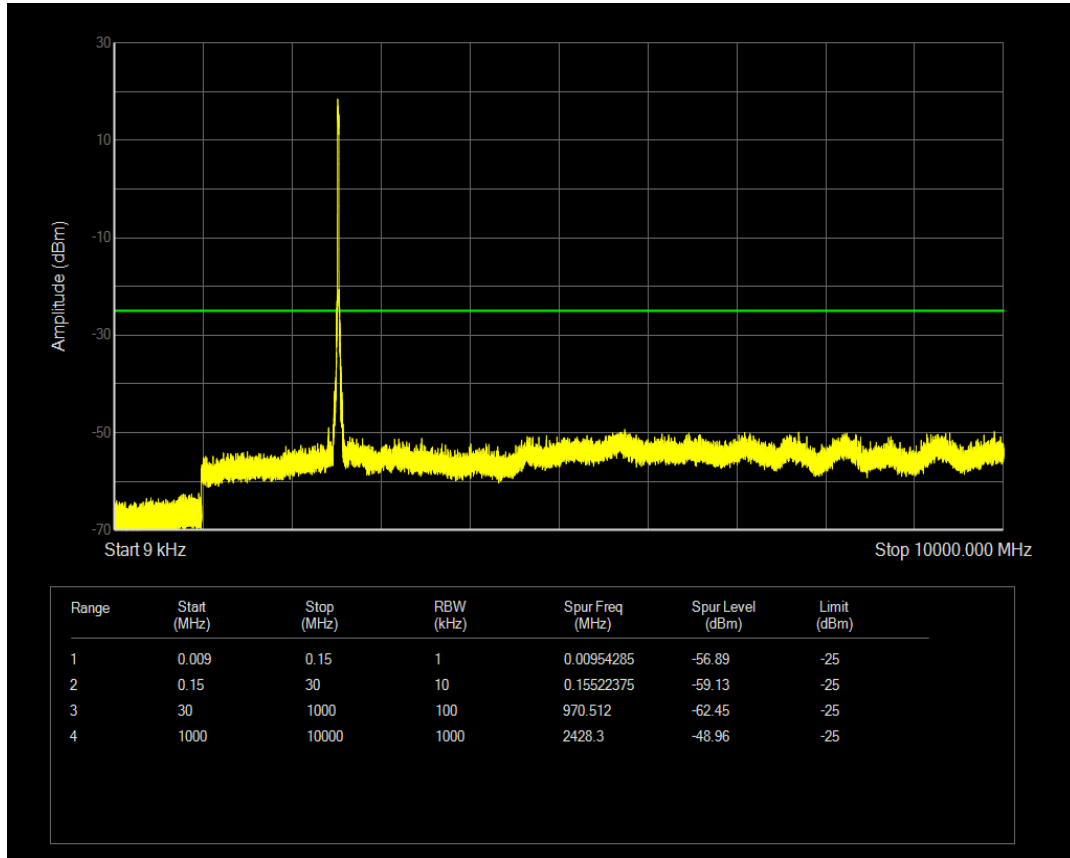
Band7 QPSK BW=10MHz Channel=21400 RB Size=50 Position=#0



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

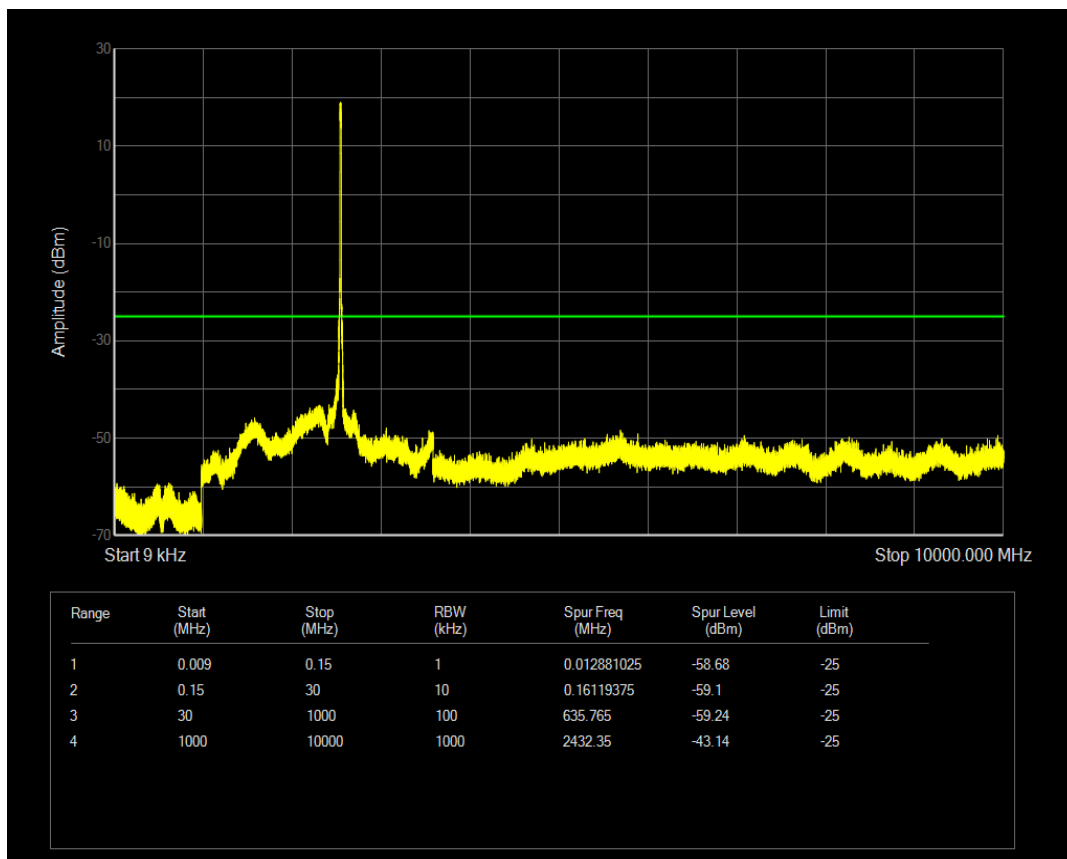


Band7 QPSK BW=15MHz Channel=21100 RB Size=75 Position=#0

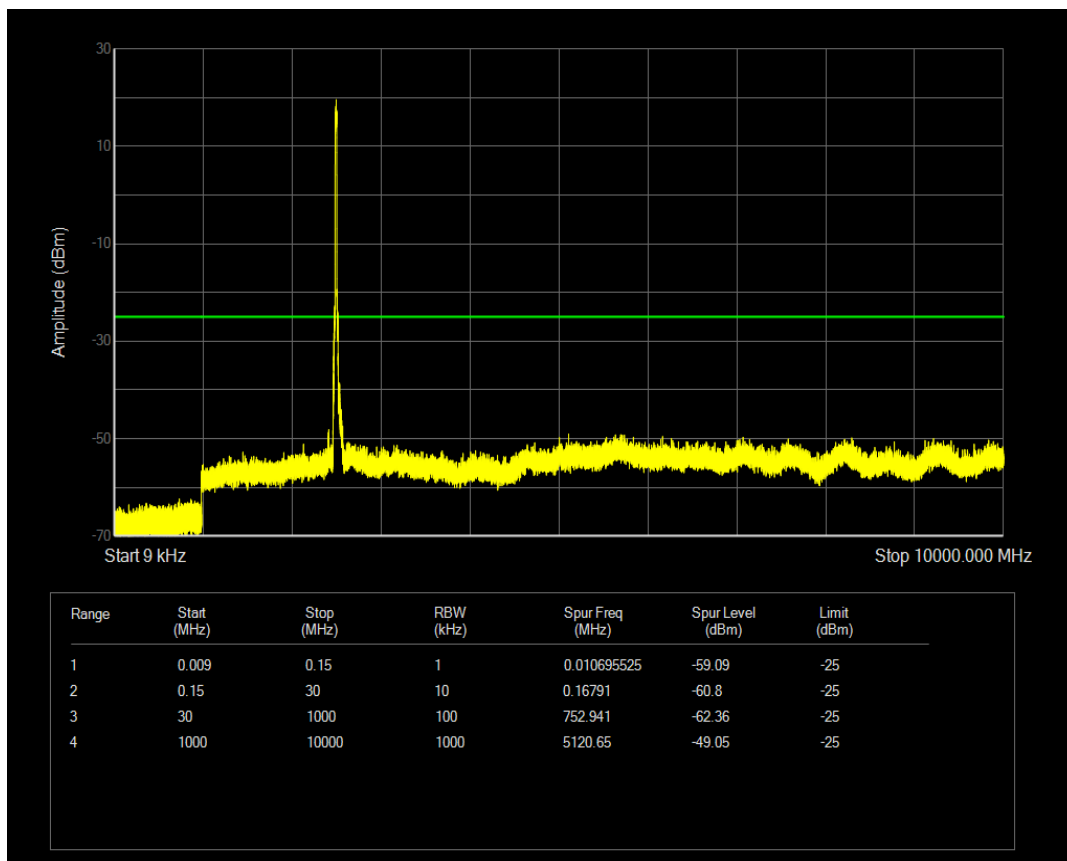


Band7 QPSK BW=15MHz Channel=21375 RB Size=75 Position=#0

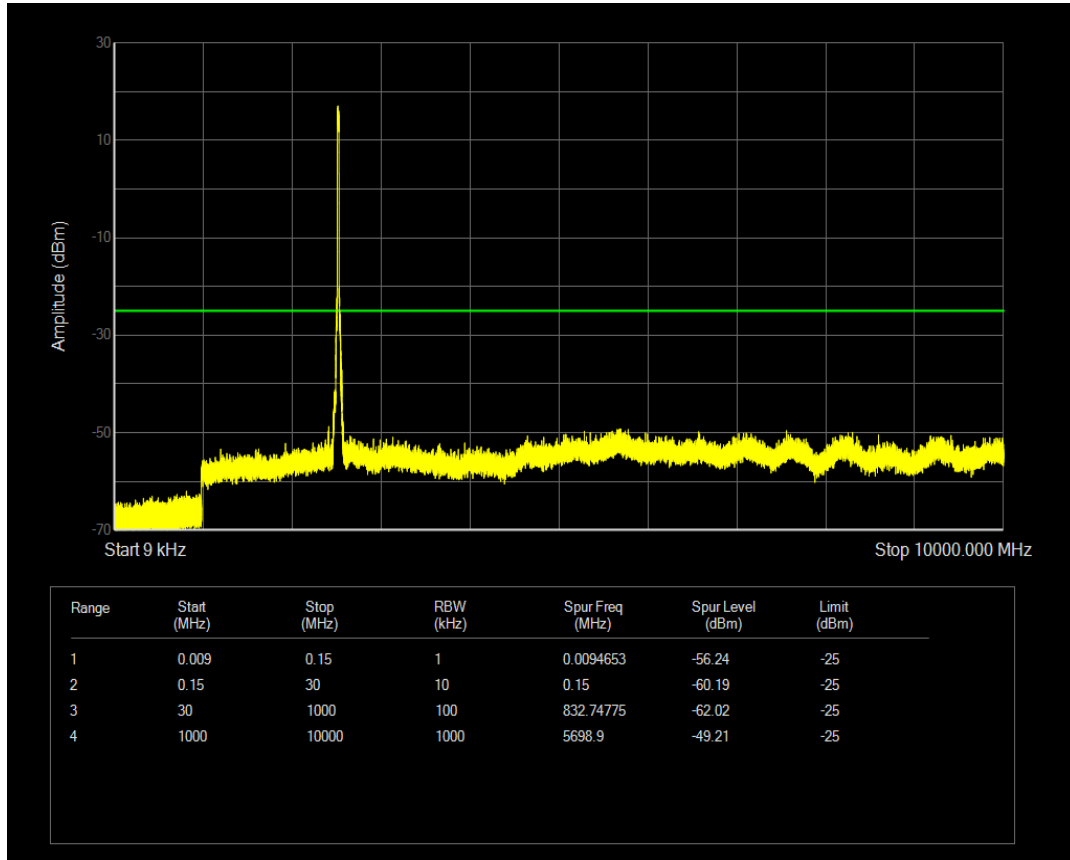
TC
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Band7 QPSK BW=20MHz Channel=20850 RB Size=100 Position=#0



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



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

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