

Appendix for Band 7

Report No.: BCTC2409488798-5E

Applicant: Shenzhen Huafurui Technology Co., Ltd.

Product Name: Smartphone

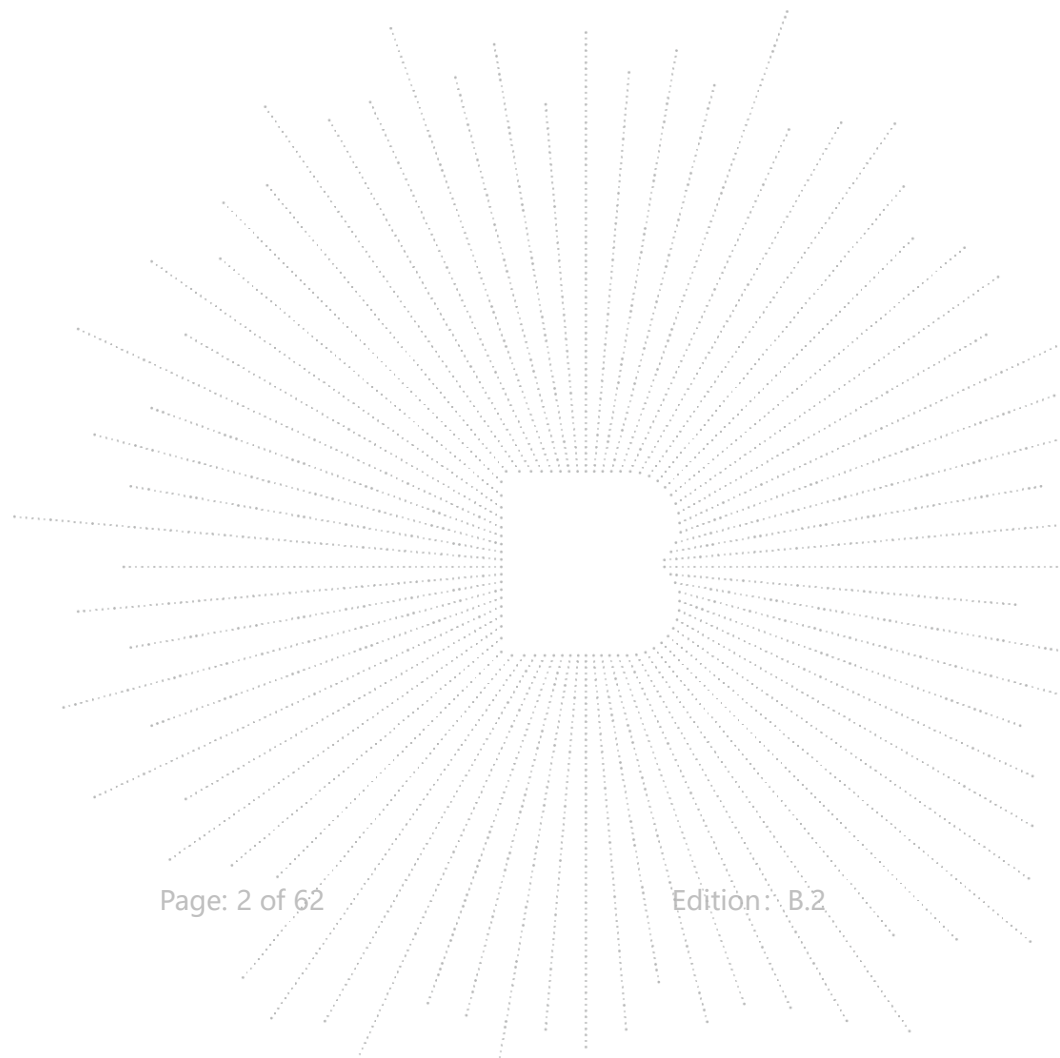
Test Model: KINGKONG X

Tested Date: 2024-09-12 to 2024-10-21

Shenzhen BCTC Testing Co., Ltd.

Contents

Appendix 1. Effective Radiated Power and Effective Isotropic Radiated Power Measurement	3
Appendix 2. Frequency stability.....	8
Appendix 3. Peak-to-Average Ratio	15
Appendix 4. Occupied bandwidth	28
Appendix 5. Band edge	41
Appendix 6. Out-of-band emissions	50



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

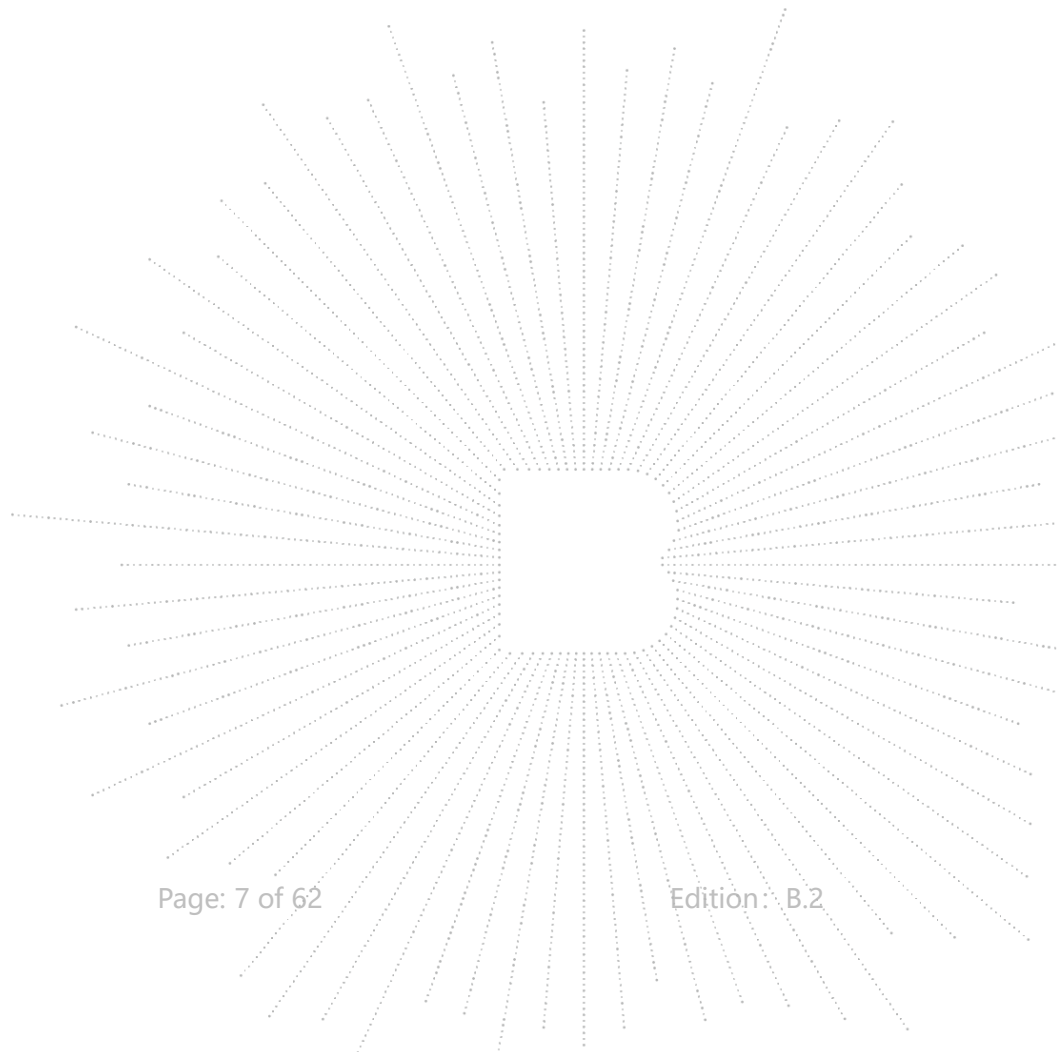
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Gain (dBm)	EIRP (dBm)	Verdict
Band7	5	20775	1	#0	QPSK	21.04	-3.1	17.94	PASS
Band7	5	20775	1	#Mid	QPSK	21.06	-3.1	17.96	PASS
Band7	5	20775	1	#Max	QPSK	21.11	-3.1	18.01	PASS
Band7	5	20775	12	#0	QPSK	20.04	-3.1	16.94	PASS
Band7	5	20775	12	#Mid	QPSK	20.08	-3.1	16.98	PASS
Band7	5	20775	12	#Max	QPSK	20.07	-3.1	16.97	PASS
Band7	5	20775	25	#0	QPSK	20.09	-3.1	16.99	PASS
Band7	5	20775	1	#0	16QAM	20.38	-3.1	17.28	PASS
Band7	5	20775	1	#Mid	16QAM	20.42	-3.1	17.32	PASS
Band7	5	20775	1	#Max	16QAM	20.44	-3.1	17.34	PASS
Band7	5	20775	12	#0	16QAM	19.06	-3.1	15.96	PASS
Band7	5	20775	12	#Mid	16QAM	19.10	-3.1	16.00	PASS
Band7	5	20775	12	#Max	16QAM	19.12	-3.1	16.02	PASS
Band7	5	20775	25	#0	16QAM	19.05	-3.1	15.95	PASS
Band7	5	21100	1	#0	QPSK	21.00	-3.1	17.90	PASS
Band7	5	21100	1	#Mid	QPSK	20.98	-3.1	17.88	PASS
Band7	5	21100	1	#Max	QPSK	20.97	-3.1	17.87	PASS
Band7	5	21100	12	#0	QPSK	19.93	-3.1	16.83	PASS
Band7	5	21100	12	#Mid	QPSK	19.88	-3.1	16.78	PASS
Band7	5	21100	12	#Max	QPSK	19.83	-3.1	16.73	PASS
Band7	5	21100	25	#0	QPSK	19.88	-3.1	16.78	PASS
Band7	5	21100	1	#0	16QAM	20.38	-3.1	17.28	PASS
Band7	5	21100	1	#Mid	16QAM	20.37	-3.1	17.27	PASS
Band7	5	21100	1	#Max	16QAM	20.35	-3.1	17.25	PASS
Band7	5	21100	12	#0	16QAM	18.83	-3.1	15.73	PASS
Band7	5	21100	12	#Mid	16QAM	18.82	-3.1	15.72	PASS
Band7	5	21100	12	#Max	16QAM	18.75	-3.1	15.65	PASS
Band7	5	21100	25	#0	16QAM	18.91	-3.1	15.81	PASS
Band7	5	21425	1	#0	QPSK	20.58	-3.1	17.48	PASS
Band7	5	21425	1	#Mid	QPSK	20.58	-3.1	17.48	PASS
Band7	5	21425	1	#Max	QPSK	20.50	-3.1	17.40	PASS
Band7	5	21425	12	#0	QPSK	19.53	-3.1	16.43	PASS
Band7	5	21425	12	#Mid	QPSK	19.49	-3.1	16.39	PASS
Band7	5	21425	12	#Max	QPSK	19.51	-3.1	16.41	PASS
Band7	5	21425	25	#0	QPSK	19.53	-3.1	16.43	PASS
Band7	5	21425	1	#0	16QAM	19.82	-3.1	16.72	PASS

Band7	5	21425	1	#Mid	16QAM	19.84	-3.1	16.74	PASS
Band7	5	21425	1	#Max	16QAM	19.79	-3.1	16.69	PASS
Band7	5	21425	12	#0	16QAM	18.58	-3.1	15.48	PASS
Band7	5	21425	12	#Mid	16QAM	18.55	-3.1	15.45	PASS
Band7	5	21425	12	#Max	16QAM	18.56	-3.1	15.46	PASS
Band7	5	21425	25	#0	16QAM	18.50	-3.1	15.40	PASS
Band7	10	20800	1	#0	QPSK	21.11	-3.1	18.01	PASS
Band7	10	20800	1	#Mid	QPSK	21.20	-3.1	18.10	PASS
Band7	10	20800	1	#Max	QPSK	21.20	-3.1	18.10	PASS
Band7	10	20800	25	#0	QPSK	20.05	-3.1	16.95	PASS
Band7	10	20800	25	#Mid	QPSK	20.11	-3.1	17.01	PASS
Band7	10	20800	25	#Max	QPSK	20.16	-3.1	17.06	PASS
Band7	10	20800	50	#0	QPSK	20.12	-3.1	17.02	PASS
Band7	10	20800	1	#0	16QAM	19.93	-3.1	16.83	PASS
Band7	10	20800	1	#Mid	16QAM	19.94	-3.1	16.84	PASS
Band7	10	20800	1	#Max	16QAM	19.96	-3.1	16.86	PASS
Band7	10	20800	25	#0	16QAM	19.06	-3.1	15.96	PASS
Band7	10	20800	25	#Mid	16QAM	19.09	-3.1	15.99	PASS
Band7	10	20800	25	#Max	16QAM	19.14	-3.1	16.04	PASS
Band7	10	20800	50	#0	16QAM	19.12	-3.1	16.02	PASS
Band7	10	21100	1	#0	QPSK	20.46	-3.1	17.36	PASS
Band7	10	21100	1	#Mid	QPSK	20.41	-3.1	17.31	PASS
Band7	10	21100	1	#Max	QPSK	20.31	-3.1	17.21	PASS
Band7	10	21100	25	#0	QPSK	19.90	-3.1	16.80	PASS
Band7	10	21100	25	#Mid	QPSK	19.90	-3.1	16.80	PASS
Band7	10	21100	25	#Max	QPSK	19.81	-3.1	16.71	PASS
Band7	10	21100	50	#0	QPSK	19.86	-3.1	16.76	PASS
Band7	10	21100	1	#0	16QAM	19.85	-3.1	16.75	PASS
Band7	10	21100	1	#Mid	16QAM	19.80	-3.1	16.70	PASS
Band7	10	21100	1	#Max	16QAM	19.70	-3.1	16.60	PASS
Band7	10	21100	25	#0	16QAM	18.94	-3.1	15.84	PASS
Band7	10	21100	25	#Mid	16QAM	18.91	-3.1	15.81	PASS
Band7	10	21100	25	#Max	16QAM	18.85	-3.1	15.75	PASS
Band7	10	21100	50	#0	16QAM	18.86	-3.1	15.76	PASS
Band7	10	21400	1	#0	QPSK	20.16	-3.1	17.06	PASS
Band7	10	21400	1	#Mid	QPSK	20.10	-3.1	17.00	PASS
Band7	10	21400	1	#Max	QPSK	19.92	-3.1	16.82	PASS
Band7	10	21400	25	#0	QPSK	19.61	-3.1	16.51	PASS
Band7	10	21400	25	#Mid	QPSK	19.54	-3.1	16.44	PASS
Band7	10	21400	25	#Max	QPSK	19.54	-3.1	16.44	PASS
Band7	10	21400	50	#0	QPSK	19.62	-3.1	16.52	PASS
Band7	10	21400	1	#0	16QAM	19.34	-3.1	16.24	PASS
Band7	10	21400	1	#Mid	16QAM	19.29	-3.1	16.19	PASS

Band7	10	21400	1	#Max	16QAM	19.16	-3.1	16.06	PASS
Band7	10	21400	25	#0	16QAM	18.62	-3.1	15.52	PASS
Band7	10	21400	25	#Mid	16QAM	18.57	-3.1	15.47	PASS
Band7	10	21400	25	#Max	16QAM	18.56	-3.1	15.46	PASS
Band7	10	21400	50	#0	16QAM	18.64	-3.1	15.54	PASS
Band7	15	20825	1	#0	QPSK	20.50	-3.1	17.40	PASS
Band7	15	20825	1	#Mid	QPSK	20.67	-3.1	17.57	PASS
Band7	15	20825	1	#Max	QPSK	20.63	-3.1	17.53	PASS
Band7	15	20825	36	#0	QPSK	19.95	-3.1	16.85	PASS
Band7	15	20825	36	#Mid	QPSK	20.04	-3.1	16.94	PASS
Band7	15	20825	36	#Max	QPSK	20.14	-3.1	17.04	PASS
Band7	15	20825	75	#0	QPSK	20.10	-3.1	17.00	PASS
Band7	15	20825	1	#0	16QAM	19.91	-3.1	16.81	PASS
Band7	15	20825	1	#Mid	16QAM	20.04	-3.1	16.94	PASS
Band7	15	20825	1	#Max	16QAM	20.02	-3.1	16.92	PASS
Band7	15	20825	36	#0	16QAM	19.03	-3.1	15.93	PASS
Band7	15	20825	36	#Mid	16QAM	19.10	-3.1	16.00	PASS
Band7	15	20825	36	#Max	16QAM	19.18	-3.1	16.08	PASS
Band7	15	20825	75	#0	16QAM	19.05	-3.1	15.95	PASS
Band7	15	21100	1	#0	QPSK	20.37	-3.1	17.27	PASS
Band7	15	21100	1	#Mid	QPSK	20.31	-3.1	17.21	PASS
Band7	15	21100	1	#Max	QPSK	20.16	-3.1	17.06	PASS
Band7	15	21100	36	#0	QPSK	19.84	-3.1	16.74	PASS
Band7	15	21100	36	#Mid	QPSK	19.80	-3.1	16.70	PASS
Band7	15	21100	36	#Max	QPSK	19.75	-3.1	16.65	PASS
Band7	15	21100	75	#0	QPSK	19.82	-3.1	16.72	PASS
Band7	15	21100	1	#0	16QAM	19.61	-3.1	16.51	PASS
Band7	15	21100	1	#Mid	16QAM	19.59	-3.1	16.49	PASS
Band7	15	21100	1	#Max	16QAM	19.40	-3.1	16.30	PASS
Band7	15	21100	36	#0	16QAM	18.94	-3.1	15.84	PASS
Band7	15	21100	36	#Mid	16QAM	18.87	-3.1	15.77	PASS
Band7	15	21100	36	#Max	16QAM	18.82	-3.1	15.72	PASS
Band7	15	21100	75	#0	16QAM	18.84	-3.1	15.74	PASS
Band7	15	21375	1	#0	QPSK	20.21	-3.1	17.11	PASS
Band7	15	21375	1	#Mid	QPSK	20.23	-3.1	17.13	PASS
Band7	15	21375	1	#Max	QPSK	20.01	-3.1	16.91	PASS
Band7	15	21375	36	#0	QPSK	19.61	-3.1	16.51	PASS
Band7	15	21375	36	#Mid	QPSK	19.57	-3.1	16.47	PASS
Band7	15	21375	36	#Max	QPSK	19.53	-3.1	16.43	PASS
Band7	15	21375	75	#0	QPSK	19.62	-3.1	16.52	PASS
Band7	15	21375	1	#0	16QAM	19.25	-3.1	16.15	PASS
Band7	15	21375	1	#Mid	16QAM	19.30	-3.1	16.20	PASS
Band7	15	21375	1	#Max	16QAM	19.07	-3.1	15.97	PASS

Band7	15	21375	36	#0	16QAM	18.62	-3.1	15.52	PASS
Band7	15	21375	36	#Mid	16QAM	18.59	-3.1	15.49	PASS
Band7	15	21375	36	#Max	16QAM	18.52	-3.1	15.42	PASS
Band7	15	21375	75	#0	16QAM	18.63	-3.1	15.53	PASS
Band7	20	20850	1	#0	QPSK	20.49	-3.1	17.39	PASS
Band7	20	20850	1	#Mid	QPSK	20.71	-3.1	17.61	PASS
Band7	20	20850	1	#Max	QPSK	20.62	-3.1	17.52	PASS
Band7	20	20850	50	#0	QPSK	20.09	-3.1	16.99	PASS
Band7	20	20850	50	#Mid	QPSK	20.21	-3.1	17.11	PASS
Band7	20	20850	50	#Max	QPSK	20.11	-3.1	17.01	PASS
Band7	20	20850	100	#0	QPSK	20.05	-3.1	16.95	PASS
Band7	20	20850	1	#0	16QAM	19.71	-3.1	16.61	PASS
Band7	20	20850	1	#Mid	16QAM	19.93	-3.1	16.83	PASS
Band7	20	20850	1	#Max	16QAM	19.81	-3.1	16.71	PASS
Band7	20	20850	50	#0	16QAM	19.03	-3.1	15.93	PASS
Band7	20	20850	50	#Mid	16QAM	19.15	-3.1	16.05	PASS
Band7	20	20850	50	#Max	16QAM	19.10	-3.1	16.00	PASS
Band7	20	20850	100	#0	16QAM	19.09	-3.1	15.99	PASS
Band7	20	21100	1	#0	QPSK	20.35	-3.1	17.25	PASS
Band7	20	21100	1	#Mid	QPSK	20.33	-3.1	17.23	PASS
Band7	20	21100	1	#Max	QPSK	20.20	-3.1	17.10	PASS
Band7	20	21100	50	#0	QPSK	19.95	-3.1	16.85	PASS
Band7	20	21100	50	#Mid	QPSK	19.86	-3.1	16.76	PASS
Band7	20	21100	50	#Max	QPSK	19.87	-3.1	16.77	PASS
Band7	20	21100	100	#0	QPSK	19.90	-3.1	16.80	PASS
Band7	20	21100	1	#0	16QAM	19.73	-3.1	16.63	PASS
Band7	20	21100	1	#Mid	16QAM	19.68	-3.1	16.58	PASS
Band7	20	21100	1	#Max	16QAM	19.59	-3.1	16.49	PASS
Band7	20	21100	50	#0	16QAM	18.99	-3.1	15.89	PASS
Band7	20	21100	50	#Mid	16QAM	18.92	-3.1	15.82	PASS
Band7	20	21100	50	#Max	16QAM	18.84	-3.1	15.74	PASS
Band7	20	21100	100	#0	16QAM	18.88	-3.1	15.78	PASS
Band7	20	21350	1	#0	QPSK	20.20	-3.1	17.10	PASS
Band7	20	21350	1	#Mid	QPSK	20.25	-3.1	17.15	PASS
Band7	20	21350	1	#Max	QPSK	20.04	-3.1	16.94	PASS
Band7	20	21350	50	#0	QPSK	19.70	-3.1	16.60	PASS
Band7	20	21350	50	#Mid	QPSK	19.72	-3.1	16.62	PASS
Band7	20	21350	50	#Max	QPSK	19.64	-3.1	16.54	PASS
Band7	20	21350	100	#0	QPSK	19.72	-3.1	16.62	PASS
Band7	20	21350	1	#0	16QAM	19.60	-3.1	16.50	PASS
Band7	20	21350	1	#Mid	16QAM	19.65	-3.1	16.55	PASS
Band7	20	21350	1	#Max	16QAM	19.39	-3.1	16.29	PASS
Band7	20	21350	50	#0	16QAM	18.77	-3.1	15.67	PASS

Band7	20	21350	50	#Mid	16QAM	18.76	-3.1	15.66	PASS
Band7	20	21350	50	#Max	16QAM	18.71	-3.1	15.61	PASS
Band7	20	21350	100	#0	16QAM	18.70	-3.1	15.60	PASS



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	4.86	0.002	PASS
Band7	5	20775	25	#0	QPSK	NV	NT	-3.55	-0.001	PASS
Band7	5	20775	25	#0	QPSK	HV	NT	-9.91	-0.004	PASS
Band7	5	20775	25	#0	16QAM	LV	NT	1.42	0.001	PASS
Band7	5	20775	25	#0	16QAM	NV	NT	4.06	0.002	PASS
Band7	5	20775	25	#0	16QAM	HV	NT	-7.55	-0.003	PASS
Band7	5	21100	25	#0	QPSK	LV	NT	9.97	0.004	PASS
Band7	5	21100	25	#0	QPSK	NV	NT	-8.65	-0.003	PASS
Band7	5	21100	25	#0	QPSK	HV	NT	-6.55	-0.003	PASS
Band7	5	21100	25	#0	16QAM	LV	NT	4.25	0.002	PASS
Band7	5	21100	25	#0	16QAM	NV	NT	7.34	0.003	PASS
Band7	5	21100	25	#0	16QAM	HV	NT	15.28	0.006	PASS
Band7	5	21425	25	#0	QPSK	LV	NT	3.49	0.001	PASS
Band7	5	21425	25	#0	QPSK	NV	NT	-10.91	-0.004	PASS
Band7	5	21425	25	#0	QPSK	HV	NT	1.29	0.001	PASS
Band7	5	21425	25	#0	16QAM	LV	NT	0.13	0.000	PASS
Band7	5	21425	25	#0	16QAM	NV	NT	-2.22	-0.001	PASS
Band7	5	21425	25	#0	16QAM	HV	NT	5.18	0.002	PASS
Band7	10	20800	50	#0	QPSK	LV	NT	0.26	0.000	PASS
Band7	10	20800	50	#0	QPSK	NV	NT	0.87	0.000	PASS
Band7	10	20800	50	#0	QPSK	HV	NT	0.84	0.000	PASS
Band7	10	20800	50	#0	16QAM	LV	NT	-4.13	-0.002	PASS
Band7	10	20800	50	#0	16QAM	NV	NT	-1.23	0.000	PASS
Band7	10	20800	50	#0	16QAM	HV	NT	-3.13	-0.001	PASS
Band7	10	21100	50	#0	QPSK	LV	NT	-10.17	-0.004	PASS
Band7	10	21100	50	#0	QPSK	NV	NT	-2.89	-0.001	PASS
Band7	10	21100	50	#0	QPSK	HV	NT	-1.47	-0.001	PASS
Band7	10	21100	50	#0	16QAM	LV	NT	1.19	0.000	PASS
Band7	10	21100	50	#0	16QAM	NV	NT	-0.97	0.000	PASS
Band7	10	21100	50	#0	16QAM	HV	NT	-1.39	-0.001	PASS
Band7	10	21400	50	#0	QPSK	LV	NT	8.55	0.003	PASS
Band7	10	21400	50	#0	QPSK	NV	NT	5.68	0.002	PASS
Band7	10	21400	50	#0	QPSK	HV	NT	13.76	0.005	PASS
Band7	10	21400	50	#0	16QAM	LV	NT	6.71	0.003	PASS
Band7	10	21400	50	#0	16QAM	NV	NT	-5.54	-0.002	PASS
Band7	10	21400	50	#0	16QAM	HV	NT	3.38	0.001	PASS
Band7	15	20825	75	#0	QPSK	LV	NT	3.03	0.001	PASS
Band7	15	20825	75	#0	QPSK	NV	NT	9.24	0.004	PASS

Band7	15	20825	75	#0	QPSK	HV	NT	5.14	0.002	PASS
Band7	15	20825	75	#0	16QAM	LV	NT	4.66	0.002	PASS
Band7	15	20825	75	#0	16QAM	NV	NT	10.36	0.004	PASS
Band7	15	20825	75	#0	16QAM	HV	NT	1.76	0.001	PASS
Band7	15	21100	75	#0	QPSK	LV	NT	-1.67	-0.001	PASS
Band7	15	21100	75	#0	QPSK	NV	NT	-2.93	-0.001	PASS
Band7	15	21100	75	#0	QPSK	HV	NT	-0.13	0.000	PASS
Band7	15	21100	75	#0	16QAM	LV	NT	-0.29	0.000	PASS
Band7	15	21100	75	#0	16QAM	NV	NT	-3.98	-0.002	PASS
Band7	15	21100	75	#0	16QAM	HV	NT	5.76	0.002	PASS
Band7	15	21375	75	#0	QPSK	LV	NT	2.68	0.001	PASS
Band7	15	21375	75	#0	QPSK	NV	NT	-0.89	0.000	PASS
Band7	15	21375	75	#0	QPSK	HV	NT	-0.11	0.000	PASS
Band7	15	21375	75	#0	16QAM	LV	NT	-5.41	-0.002	PASS
Band7	15	21375	75	#0	16QAM	NV	NT	3.81	0.001	PASS
Band7	15	21375	75	#0	16QAM	HV	NT	-4.94	-0.002	PASS
Band7	20	20850	100	#0	QPSK	LV	NT	2.32	0.001	PASS
Band7	20	20850	100	#0	QPSK	NV	NT	-0.54	0.000	PASS
Band7	20	20850	100	#0	QPSK	HV	NT	2.63	0.001	PASS
Band7	20	20850	100	#0	16QAM	LV	NT	1.36	0.001	PASS
Band7	20	20850	100	#0	16QAM	NV	NT	6.22	0.002	PASS
Band7	20	20850	100	#0	16QAM	HV	NT	2.85	0.001	PASS
Band7	20	21100	100	#0	QPSK	LV	NT	1.86	0.001	PASS
Band7	20	21100	100	#0	QPSK	NV	NT	0.16	0.000	PASS
Band7	20	21100	100	#0	QPSK	HV	NT	4.49	0.002	PASS
Band7	20	21100	100	#0	16QAM	LV	NT	4.68	0.002	PASS
Band7	20	21100	100	#0	16QAM	NV	NT	-0.59	0.000	PASS
Band7	20	21100	100	#0	16QAM	HV	NT	-1.20	0.000	PASS
Band7	20	21350	100	#0	QPSK	LV	NT	4.78	0.002	PASS
Band7	20	21350	100	#0	QPSK	NV	NT	5.71	0.002	PASS
Band7	20	21350	100	#0	QPSK	HV	NT	10.39	0.004	PASS
Band7	20	21350	100	#0	16QAM	LV	NT	7.24	0.003	PASS
Band7	20	21350	100	#0	16QAM	NV	NT	8.35	0.003	PASS
Band7	20	21350	100	#0	16QAM	HV	NT	3.88	0.002	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	-8.61	-0.003	PASS
Band7	5	20775	25	#0	QPSK	NV	-20	3.58	0.001	PASS
Band7	5	20775	25	#0	QPSK	NV	-10	0.01	0.000	PASS
Band7	5	20775	25	#0	QPSK	NV	0	-1.72	-0.001	PASS
Band7	5	20775	25	#0	QPSK	NV	10	-1.24	0.000	PASS
Band7	5	20775	25	#0	QPSK	NV	20	-20.06	-0.008	PASS

Band7	5	20775	25	#0	QPSK	NV	30	-8.83	-0.004	PASS
Band7	5	20775	25	#0	QPSK	NV	40	-4.69	-0.002	PASS
Band7	5	20775	25	#0	QPSK	NV	50	1.86	0.001	PASS
Band7	5	20775	25	#0	16QAM	NV	-30	-4.62	-0.002	PASS
Band7	5	20775	25	#0	16QAM	NV	-20	-3.33	-0.001	PASS
Band7	5	20775	25	#0	16QAM	NV	-10	-8.27	-0.003	PASS
Band7	5	20775	25	#0	16QAM	NV	0	-3.81	-0.002	PASS
Band7	5	20775	25	#0	16QAM	NV	10	3.30	0.001	PASS
Band7	5	20775	25	#0	16QAM	NV	20	-0.80	0.000	PASS
Band7	5	20775	25	#0	16QAM	NV	30	-6.28	-0.003	PASS
Band7	5	20775	25	#0	16QAM	NV	40	-3.53	-0.001	PASS
Band7	5	20775	25	#0	16QAM	NV	50	8.57	0.003	PASS
Band7	5	21100	25	#0	QPSK	NV	-30	8.85	0.003	PASS
Band7	5	21100	25	#0	QPSK	NV	-20	6.67	0.003	PASS
Band7	5	21100	25	#0	QPSK	NV	-10	7.45	0.003	PASS
Band7	5	21100	25	#0	QPSK	NV	0	-4.02	-0.002	PASS
Band7	5	21100	25	#0	QPSK	NV	10	16.75	0.007	PASS
Band7	5	21100	25	#0	QPSK	NV	20	3.72	0.001	PASS
Band7	5	21100	25	#0	QPSK	NV	30	-2.29	-0.001	PASS
Band7	5	21100	25	#0	QPSK	NV	40	6.21	0.002	PASS
Band7	5	21100	25	#0	QPSK	NV	50	14.16	0.006	PASS
Band7	5	21100	25	#0	16QAM	NV	-30	10.37	0.004	PASS
Band7	5	21100	25	#0	16QAM	NV	-20	-0.64	0.000	PASS
Band7	5	21100	25	#0	16QAM	NV	-10	-41.61	-0.016	PASS
Band7	5	21100	25	#0	16QAM	NV	0	-3.79	-0.001	PASS
Band7	5	21100	25	#0	16QAM	NV	10	-6.04	-0.002	PASS
Band7	5	21100	25	#0	16QAM	NV	20	4.01	0.002	PASS
Band7	5	21100	25	#0	16QAM	NV	30	-0.44	0.000	PASS
Band7	5	21100	25	#0	16QAM	NV	40	-1.69	-0.001	PASS
Band7	5	21100	25	#0	16QAM	NV	50	-4.13	-0.002	PASS
Band7	5	21425	25	#0	QPSK	NV	-30	6.67	0.003	PASS
Band7	5	21425	25	#0	QPSK	NV	-20	11.82	0.005	PASS
Band7	5	21425	25	#0	QPSK	NV	-10	-0.53	0.000	PASS
Band7	5	21425	25	#0	QPSK	NV	0	-0.69	0.000	PASS
Band7	5	21425	25	#0	QPSK	NV	10	-5.28	-0.002	PASS
Band7	5	21425	25	#0	QPSK	NV	20	-14.58	-0.006	PASS
Band7	5	21425	25	#0	QPSK	NV	30	7.78	0.003	PASS
Band7	5	21425	25	#0	QPSK	NV	40	3.93	0.002	PASS
Band7	5	21425	25	#0	QPSK	NV	50	-1.75	-0.001	PASS
Band7	5	21425	25	#0	16QAM	NV	-30	-11.77	-0.005	PASS
Band7	5	21425	25	#0	16QAM	NV	-20	7.47	0.003	PASS
Band7	5	21425	25	#0	16QAM	NV	-10	-6.42	-0.003	PASS
Band7	5	21425	25	#0	16QAM	NV	0	-4.98	-0.002	PASS

Band7	5	21425	25	#0	16QAM	NV	10	7.00	0.003	PASS
Band7	5	21425	25	#0	16QAM	NV	20	0.51	0.000	PASS
Band7	5	21425	25	#0	16QAM	NV	30	2.59	0.001	PASS
Band7	5	21425	25	#0	16QAM	NV	40	5.72	0.002	PASS
Band7	5	21425	25	#0	16QAM	NV	50	11.46	0.004	PASS
Band7	10	20800	50	#0	QPSK	NV	-30	-3.98	-0.002	PASS
Band7	10	20800	50	#0	QPSK	NV	-20	0.76	0.000	PASS
Band7	10	20800	50	#0	QPSK	NV	-10	4.82	0.002	PASS
Band7	10	20800	50	#0	QPSK	NV	0	2.72	0.001	PASS
Band7	10	20800	50	#0	QPSK	NV	10	-3.25	-0.001	PASS
Band7	10	20800	50	#0	QPSK	NV	20	0.23	0.000	PASS
Band7	10	20800	50	#0	QPSK	NV	30	-5.85	-0.002	PASS
Band7	10	20800	50	#0	QPSK	NV	40	1.86	0.001	PASS
Band7	10	20800	50	#0	QPSK	NV	50	-4.52	-0.002	PASS
Band7	10	20800	50	#0	16QAM	NV	-30	-0.47	0.000	PASS
Band7	10	20800	50	#0	16QAM	NV	-20	8.24	0.003	PASS
Band7	10	20800	50	#0	16QAM	NV	-10	-4.52	-0.002	PASS
Band7	10	20800	50	#0	16QAM	NV	0	1.46	0.001	PASS
Band7	10	20800	50	#0	16QAM	NV	10	3.83	0.002	PASS
Band7	10	20800	50	#0	16QAM	NV	20	-2.19	-0.001	PASS
Band7	10	20800	50	#0	16QAM	NV	30	6.59	0.003	PASS
Band7	10	20800	50	#0	16QAM	NV	40	3.33	0.001	PASS
Band7	10	20800	50	#0	16QAM	NV	50	-3.69	-0.001	PASS
Band7	10	21100	50	#0	QPSK	NV	-30	1.43	0.001	PASS
Band7	10	21100	50	#0	QPSK	NV	-20	-11.03	-0.004	PASS
Band7	10	21100	50	#0	QPSK	NV	-10	7.11	0.003	PASS
Band7	10	21100	50	#0	QPSK	NV	0	-0.04	0.000	PASS
Band7	10	21100	50	#0	QPSK	NV	10	-1.42	-0.001	PASS
Band7	10	21100	50	#0	QPSK	NV	20	-1.66	-0.001	PASS
Band7	10	21100	50	#0	QPSK	NV	30	0.94	0.000	PASS
Band7	10	21100	50	#0	QPSK	NV	40	-8.17	-0.003	PASS
Band7	10	21100	50	#0	QPSK	NV	50	4.36	0.002	PASS
Band7	10	21100	50	#0	16QAM	NV	-30	4.35	0.002	PASS
Band7	10	21100	50	#0	16QAM	NV	-20	0.59	0.000	PASS
Band7	10	21100	50	#0	16QAM	NV	-10	-4.95	-0.002	PASS
Band7	10	21100	50	#0	16QAM	NV	0	-0.03	0.000	PASS
Band7	10	21100	50	#0	16QAM	NV	10	-2.72	-0.001	PASS
Band7	10	21100	50	#0	16QAM	NV	20	-11.24	-0.004	PASS
Band7	10	21100	50	#0	16QAM	NV	30	-1.95	-0.001	PASS
Band7	10	21100	50	#0	16QAM	NV	40	-5.85	-0.002	PASS
Band7	10	21100	50	#0	16QAM	NV	50	-4.78	-0.002	PASS
Band7	10	21400	50	#0	QPSK	NV	-30	-0.37	0.000	PASS
Band7	10	21400	50	#0	QPSK	NV	-20	1.17	0.000	PASS

Band7	10	21400	50	#0	QPSK	NV	-10	-4.33	-0.002	PASS
Band7	10	21400	50	#0	QPSK	NV	0	-0.20	0.000	PASS
Band7	10	21400	50	#0	QPSK	NV	10	-2.72	-0.001	PASS
Band7	10	21400	50	#0	QPSK	NV	20	6.75	0.003	PASS
Band7	10	21400	50	#0	QPSK	NV	30	-0.01	0.000	PASS
Band7	10	21400	50	#0	QPSK	NV	40	-2.70	-0.001	PASS
Band7	10	21400	50	#0	QPSK	NV	50	3.40	0.001	PASS
Band7	10	21400	50	#0	16QAM	NV	-30	2.59	0.001	PASS
Band7	10	21400	50	#0	16QAM	NV	-20	2.83	0.001	PASS
Band7	10	21400	50	#0	16QAM	NV	-10	3.32	0.001	PASS
Band7	10	21400	50	#0	16QAM	NV	0	2.73	0.001	PASS
Band7	10	21400	50	#0	16QAM	NV	10	0.26	0.000	PASS
Band7	10	21400	50	#0	16QAM	NV	20	-2.17	-0.001	PASS
Band7	10	21400	50	#0	16QAM	NV	30	7.93	0.003	PASS
Band7	10	21400	50	#0	16QAM	NV	40	-2.70	-0.001	PASS
Band7	10	21400	50	#0	16QAM	NV	50	3.99	0.002	PASS
Band7	15	20825	75	#0	QPSK	NV	-30	5.32	0.002	PASS
Band7	15	20825	75	#0	QPSK	NV	-20	5.62	0.002	PASS
Band7	15	20825	75	#0	QPSK	NV	-10	8.14	0.003	PASS
Band7	15	20825	75	#0	QPSK	NV	0	-2.42	-0.001	PASS
Band7	15	20825	75	#0	QPSK	NV	10	8.94	0.004	PASS
Band7	15	20825	75	#0	QPSK	NV	20	-5.05	-0.002	PASS
Band7	15	20825	75	#0	QPSK	NV	30	2.07	0.001	PASS
Band7	15	20825	75	#0	QPSK	NV	40	2.56	0.001	PASS
Band7	15	20825	75	#0	QPSK	NV	50	2.40	0.001	PASS
Band7	15	20825	75	#0	16QAM	NV	-30	3.65	0.001	PASS
Band7	15	20825	75	#0	16QAM	NV	-20	-3.29	-0.001	PASS
Band7	15	20825	75	#0	16QAM	NV	-10	4.78	0.002	PASS
Band7	15	20825	75	#0	16QAM	NV	0	4.98	0.002	PASS
Band7	15	20825	75	#0	16QAM	NV	10	7.28	0.003	PASS
Band7	15	20825	75	#0	16QAM	NV	20	6.02	0.002	PASS
Band7	15	20825	75	#0	16QAM	NV	30	7.28	0.003	PASS
Band7	15	20825	75	#0	16QAM	NV	40	5.46	0.002	PASS
Band7	15	20825	75	#0	16QAM	NV	50	2.63	0.001	PASS
Band7	15	21100	75	#0	QPSK	NV	-30	-5.24	-0.002	PASS
Band7	15	21100	75	#0	QPSK	NV	-20	-2.99	-0.001	PASS
Band7	15	21100	75	#0	QPSK	NV	-10	0.23	0.000	PASS
Band7	15	21100	75	#0	QPSK	NV	0	3.95	0.002	PASS
Band7	15	21100	75	#0	QPSK	NV	10	3.68	0.001	PASS
Band7	15	21100	75	#0	QPSK	NV	20	-2.02	-0.001	PASS
Band7	15	21100	75	#0	QPSK	NV	30	-5.04	-0.002	PASS
Band7	15	21100	75	#0	QPSK	NV	40	4.28	0.002	PASS
Band7	15	21100	75	#0	QPSK	NV	50	-0.54	0.000	PASS

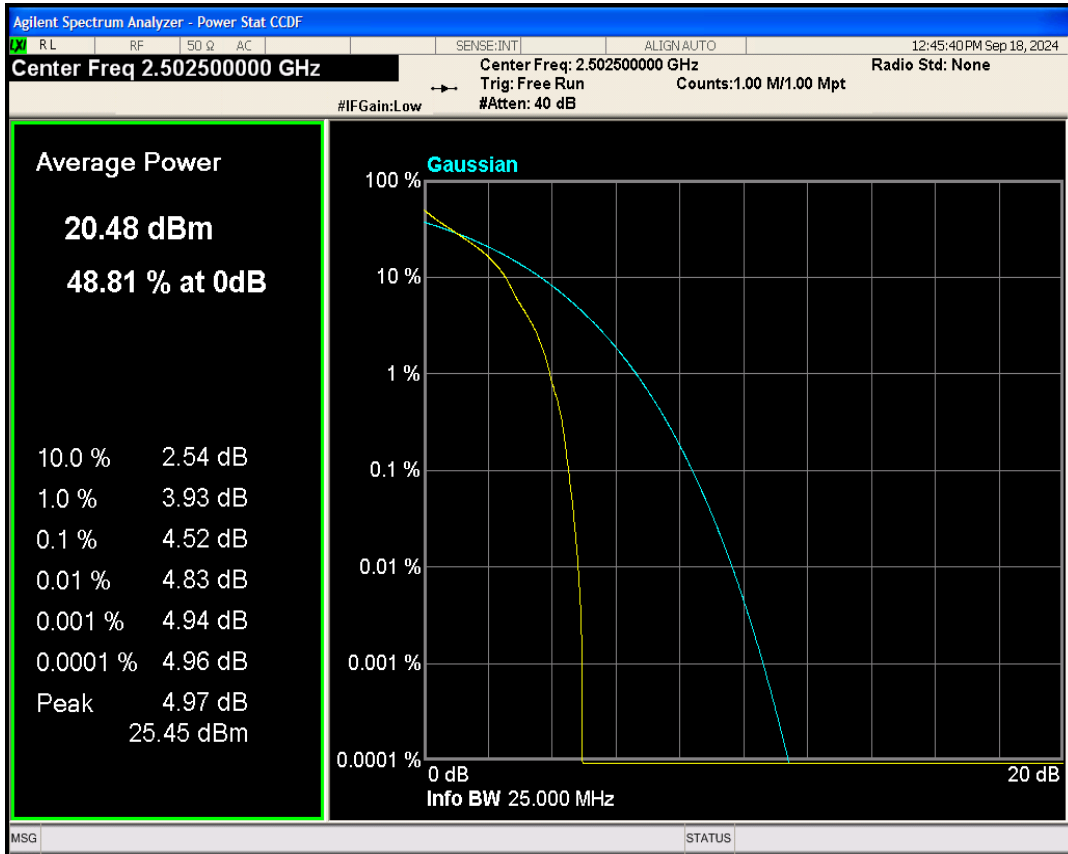
Band7	15	21100	75	#0	16QAM	NV	-30	-1.89	-0.001	PASS
Band7	15	21100	75	#0	16QAM	NV	-20	-2.75	-0.001	PASS
Band7	15	21100	75	#0	16QAM	NV	-10	4.41	0.002	PASS
Band7	15	21100	75	#0	16QAM	NV	0	-1.24	0.000	PASS
Band7	15	21100	75	#0	16QAM	NV	10	-1.17	0.000	PASS
Band7	15	21100	75	#0	16QAM	NV	20	3.59	0.001	PASS
Band7	15	21100	75	#0	16QAM	NV	30	5.91	0.002	PASS
Band7	15	21100	75	#0	16QAM	NV	40	-1.17	0.000	PASS
Band7	15	21100	75	#0	16QAM	NV	50	-0.51	0.000	PASS
Band7	15	21375	75	#0	QPSK	NV	-30	-2.69	-0.001	PASS
Band7	15	21375	75	#0	QPSK	NV	-20	-2.37	-0.001	PASS
Band7	15	21375	75	#0	QPSK	NV	-10	-1.56	-0.001	PASS
Band7	15	21375	75	#0	QPSK	NV	0	-4.09	-0.002	PASS
Band7	15	21375	75	#0	QPSK	NV	10	-5.74	-0.002	PASS
Band7	15	21375	75	#0	QPSK	NV	20	-2.57	-0.001	PASS
Band7	15	21375	75	#0	QPSK	NV	30	5.29	0.002	PASS
Band7	15	21375	75	#0	QPSK	NV	40	1.46	0.001	PASS
Band7	15	21375	75	#0	QPSK	NV	50	-3.85	-0.002	PASS
Band7	15	21375	75	#0	16QAM	NV	-30	-1.30	-0.001	PASS
Band7	15	21375	75	#0	16QAM	NV	-20	-2.26	-0.001	PASS
Band7	15	21375	75	#0	16QAM	NV	-10	4.53	0.002	PASS
Band7	15	21375	75	#0	16QAM	NV	0	-8.01	-0.003	PASS
Band7	15	21375	75	#0	16QAM	NV	10	-3.81	-0.001	PASS
Band7	15	21375	75	#0	16QAM	NV	20	-0.44	0.000	PASS
Band7	15	21375	75	#0	16QAM	NV	30	-5.91	-0.002	PASS
Band7	15	21375	75	#0	16QAM	NV	40	-1.03	0.000	PASS
Band7	15	21375	75	#0	16QAM	NV	50	-2.53	-0.001	PASS
Band7	20	20850	100	#0	QPSK	NV	-30	1.46	0.001	PASS
Band7	20	20850	100	#0	QPSK	NV	-20	1.03	0.000	PASS
Band7	20	20850	100	#0	QPSK	NV	-10	-2.42	-0.001	PASS
Band7	20	20850	100	#0	QPSK	NV	0	-4.63	-0.002	PASS
Band7	20	20850	100	#0	QPSK	NV	10	2.55	0.001	PASS
Band7	20	20850	100	#0	QPSK	NV	20	-1.44	-0.001	PASS
Band7	20	20850	100	#0	QPSK	NV	30	-0.93	0.000	PASS
Band7	20	20850	100	#0	QPSK	NV	40	2.88	0.001	PASS
Band7	20	20850	100	#0	QPSK	NV	50	2.37	0.001	PASS
Band7	20	20850	100	#0	16QAM	NV	-30	6.52	0.003	PASS
Band7	20	20850	100	#0	16QAM	NV	-20	-3.89	-0.002	PASS
Band7	20	20850	100	#0	16QAM	NV	-10	3.45	0.001	PASS
Band7	20	20850	100	#0	16QAM	NV	0	-1.93	-0.001	PASS
Band7	20	20850	100	#0	16QAM	NV	10	0.60	0.000	PASS
Band7	20	20850	100	#0	16QAM	NV	20	-2.66	-0.001	PASS
Band7	20	20850	100	#0	16QAM	NV	30	0.54	0.000	PASS

Band7	20	20850	100	#0	16QAM	NV	40	-0.90	0.000	PASS
Band7	20	20850	100	#0	16QAM	NV	50	-0.16	0.000	PASS
Band7	20	21100	100	#0	QPSK	NV	-30	-3.43	-0.001	PASS
Band7	20	21100	100	#0	QPSK	NV	-20	6.37	0.003	PASS
Band7	20	21100	100	#0	QPSK	NV	-10	-6.34	-0.003	PASS
Band7	20	21100	100	#0	QPSK	NV	0	-2.25	-0.001	PASS
Band7	20	21100	100	#0	QPSK	NV	10	0.76	0.000	PASS
Band7	20	21100	100	#0	QPSK	NV	20	3.99	0.002	PASS
Band7	20	21100	100	#0	QPSK	NV	30	2.07	0.001	PASS
Band7	20	21100	100	#0	QPSK	NV	40	2.92	0.001	PASS
Band7	20	21100	100	#0	QPSK	NV	50	0.16	0.000	PASS
Band7	20	21100	100	#0	16QAM	NV	-30	-0.30	0.000	PASS
Band7	20	21100	100	#0	16QAM	NV	-20	-1.52	-0.001	PASS
Band7	20	21100	100	#0	16QAM	NV	-10	-2.09	-0.001	PASS
Band7	20	21100	100	#0	16QAM	NV	0	1.33	0.001	PASS
Band7	20	21100	100	#0	16QAM	NV	10	-3.49	-0.001	PASS
Band7	20	21100	100	#0	16QAM	NV	20	-4.88	-0.002	PASS
Band7	20	21100	100	#0	16QAM	NV	30	-0.06	0.000	PASS
Band7	20	21100	100	#0	16QAM	NV	40	-2.09	-0.001	PASS
Band7	20	21100	100	#0	16QAM	NV	50	-4.53	-0.002	PASS
Band7	20	21350	100	#0	QPSK	NV	-30	-2.65	-0.001	PASS
Band7	20	21350	100	#0	QPSK	NV	-20	-0.16	0.000	PASS
Band7	20	21350	100	#0	QPSK	NV	-10	0.80	0.000	PASS
Band7	20	21350	100	#0	QPSK	NV	0	1.80	0.001	PASS
Band7	20	21350	100	#0	QPSK	NV	10	-2.57	-0.001	PASS
Band7	20	21350	100	#0	QPSK	NV	20	-1.42	-0.001	PASS
Band7	20	21350	100	#0	QPSK	NV	30	-0.87	0.000	PASS
Band7	20	21350	100	#0	QPSK	NV	40	2.55	0.001	PASS
Band7	20	21350	100	#0	QPSK	NV	50	-2.50	-0.001	PASS
Band7	20	21350	100	#0	16QAM	NV	-30	-1.16	0.000	PASS
Band7	20	21350	100	#0	16QAM	NV	-20	3.29	0.001	PASS
Band7	20	21350	100	#0	16QAM	NV	-10	1.07	0.000	PASS
Band7	20	21350	100	#0	16QAM	NV	0	-1.30	-0.001	PASS
Band7	20	21350	100	#0	16QAM	NV	10	4.71	0.002	PASS
Band7	20	21350	100	#0	16QAM	NV	20	-3.56	-0.001	PASS
Band7	20	21350	100	#0	16QAM	NV	30	1.83	0.001	PASS
Band7	20	21350	100	#0	16QAM	NV	40	-3.39	-0.001	PASS
Band7	20	21350	100	#0	16QAM	NV	50	-0.47	0.000	PASS

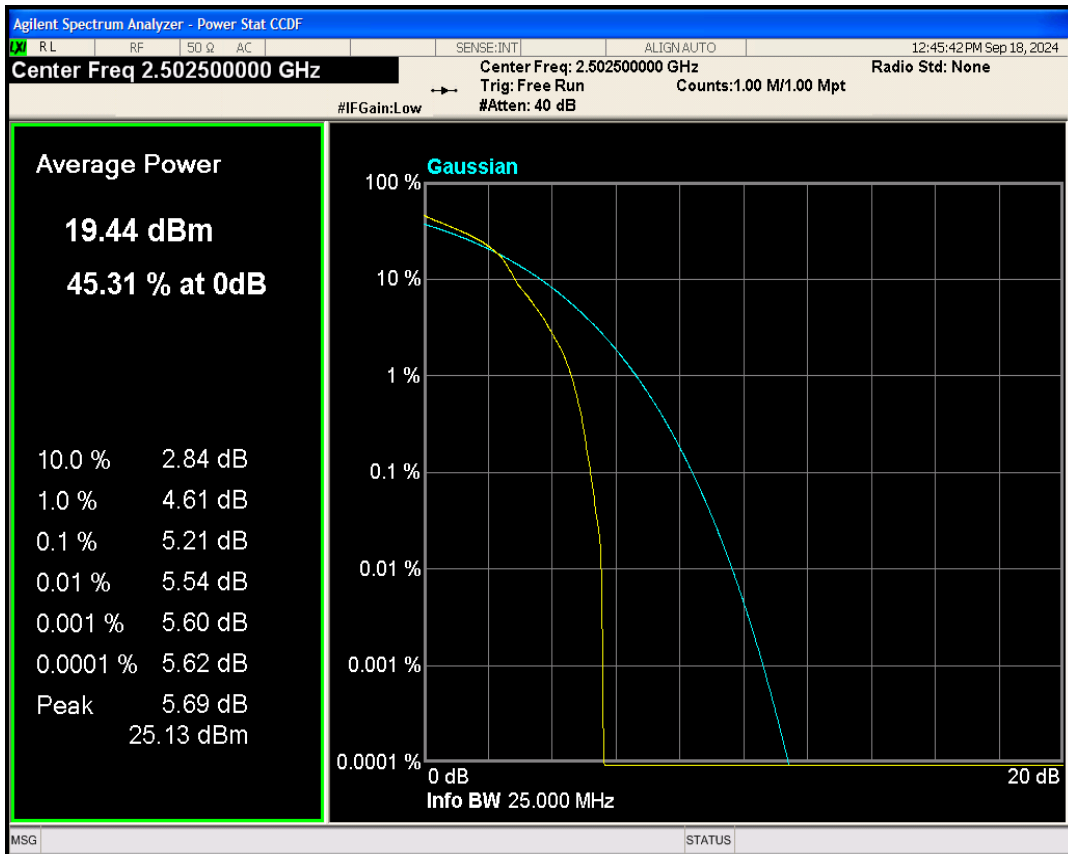
Appendix 3. Peak-to-Average Ratio

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
Band7	5	20775	1	#0	QPSK	4.52	13	PASS
Band7	5	20775	1	#0	16QAM	5.21	13	PASS
Band7	5	21100	1	#0	QPSK	4.13	13	PASS
Band7	5	21100	1	#0	16QAM	4.81	13	PASS
Band7	5	21425	1	#0	QPSK	4.21	13	PASS
Band7	5	21425	1	#0	16QAM	4.96	13	PASS
Band7	10	20800	1	#0	QPSK	4.46	13	PASS
Band7	10	20800	1	#0	16QAM	5.24	13	PASS
Band7	10	21100	1	#0	QPSK	4.47	13	PASS
Band7	10	21100	1	#0	16QAM	5.46	13	PASS
Band7	10	21400	1	#0	QPSK	4.48	13	PASS
Band7	10	21400	1	#0	16QAM	5.22	13	PASS
Band7	15	20825	1	#0	QPSK	4.50	13	PASS
Band7	15	20825	1	#0	16QAM	5.19	13	PASS
Band7	15	21100	1	#0	QPSK	4.67	13	PASS
Band7	15	21100	1	#0	16QAM	5.53	13	PASS
Band7	15	21375	1	#0	QPSK	4.70	13	PASS
Band7	15	21375	1	#0	16QAM	5.66	13	PASS
Band7	20	20850	1	#0	QPSK	4.39	13	PASS
Band7	20	20850	1	#0	16QAM	5.02	13	PASS
Band7	20	21100	1	#0	QPSK	4.87	13	PASS
Band7	20	21100	1	#0	16QAM	5.52	13	PASS
Band7	20	21350	1	#0	QPSK	4.76	13	PASS
Band7	20	21350	1	#0	16QAM	5.86	13	PASS

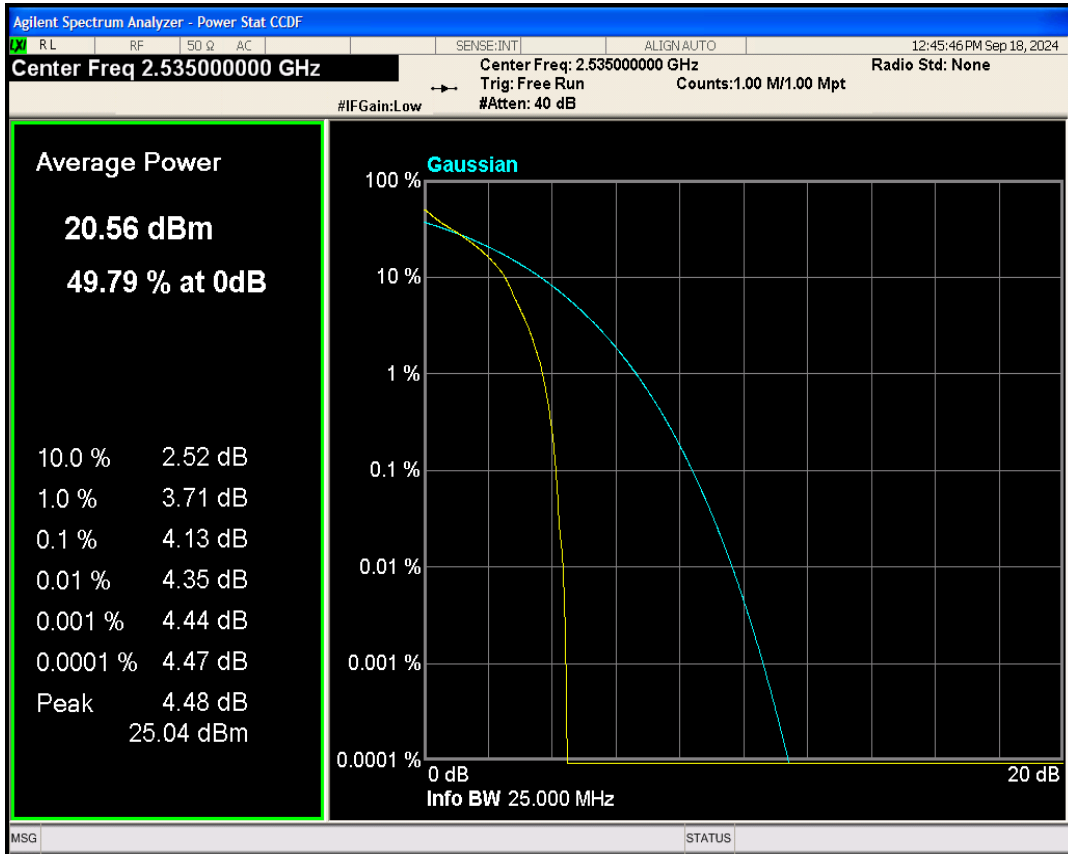
Band7 QPSK BW=5MHz Channel=20775 RB Size=1 Position=#0



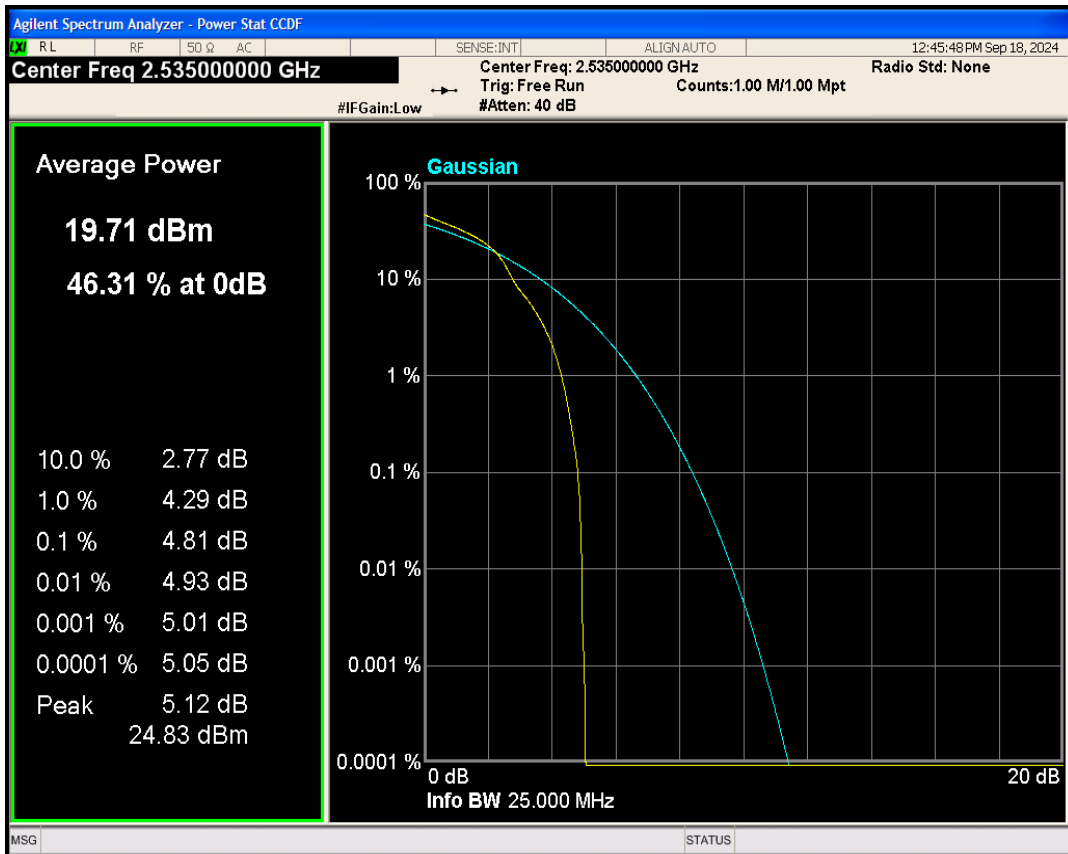
Band7 16QAM BW=5MHz Channel=20775 RB Size=1 Position=#0



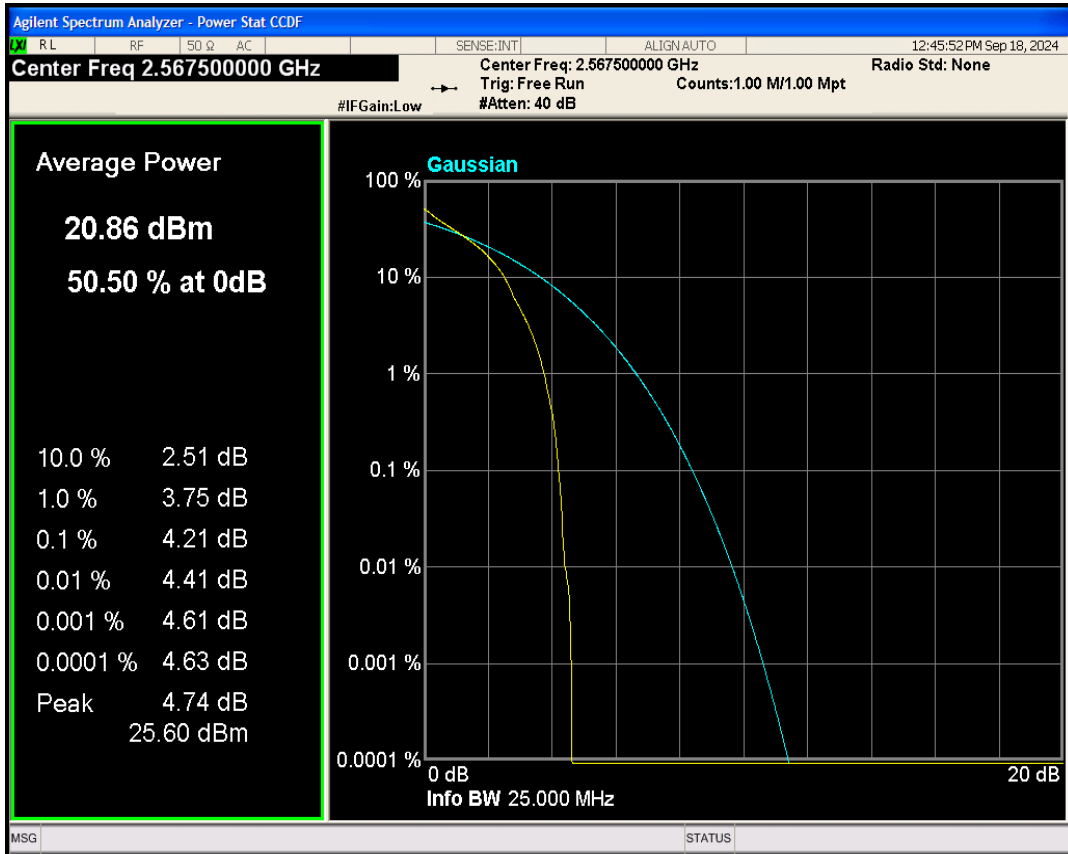
Band7 QPSK BW=5MHz Channel=21100 RB Size=1 Position=#0



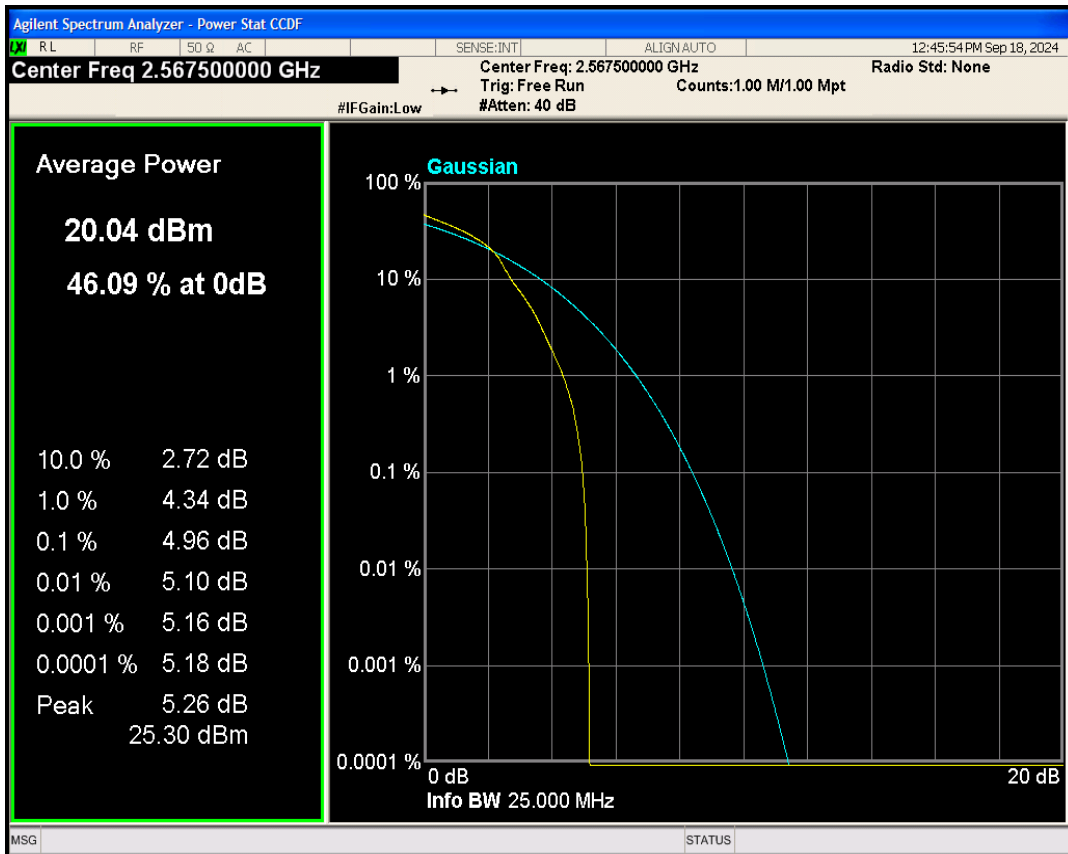
Band7 16QAM BW=5MHz Channel=21100 RB Size=1 Position=#0



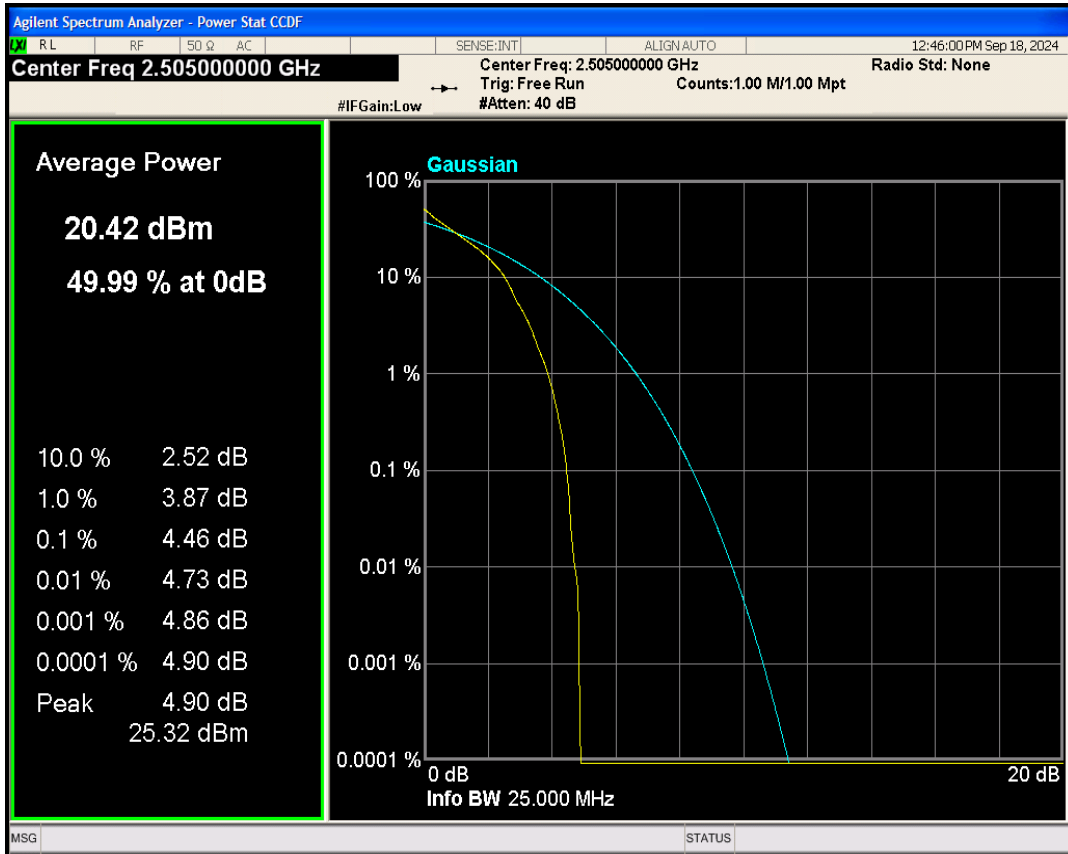
Band7 QPSK BW=5MHz Channel=21425 RB Size=1 Position=#0



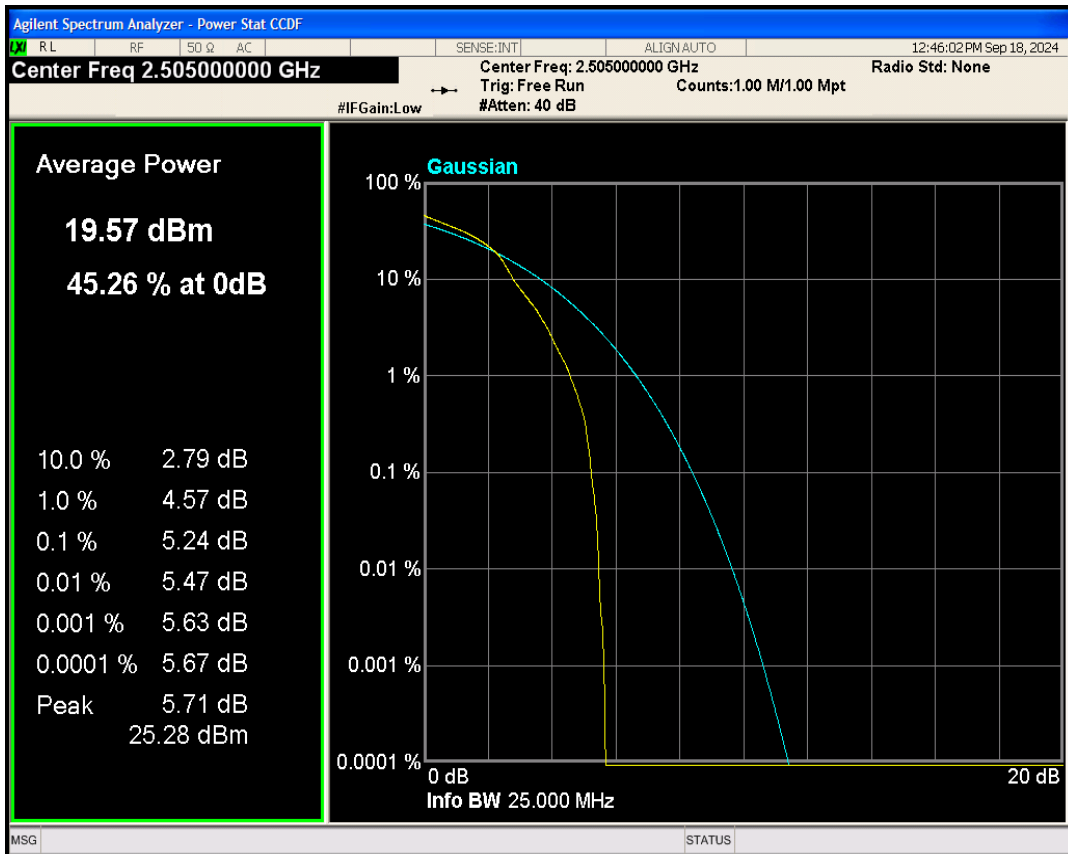
Band7 16QAM BW=5MHz Channel=21425 RB Size=1 Position=#0



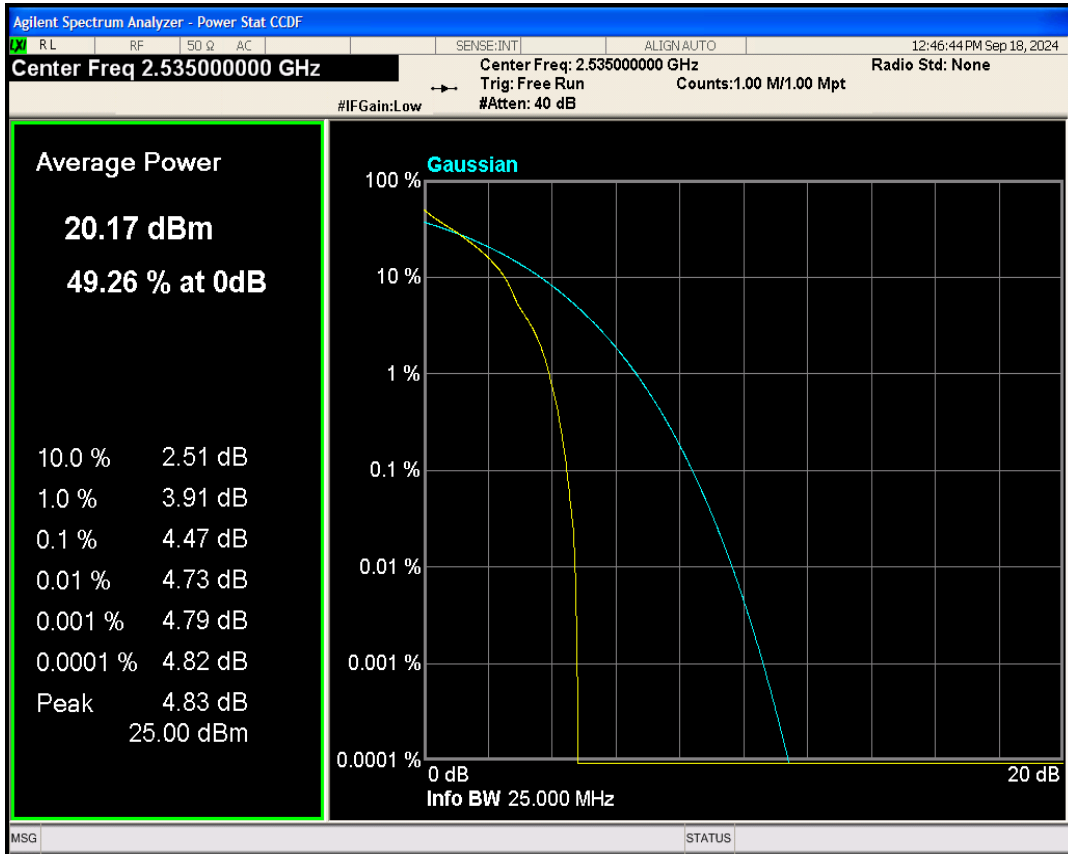
Band7 QPSK BW=10MHz Channel=20800 RB Size=1 Position=#0



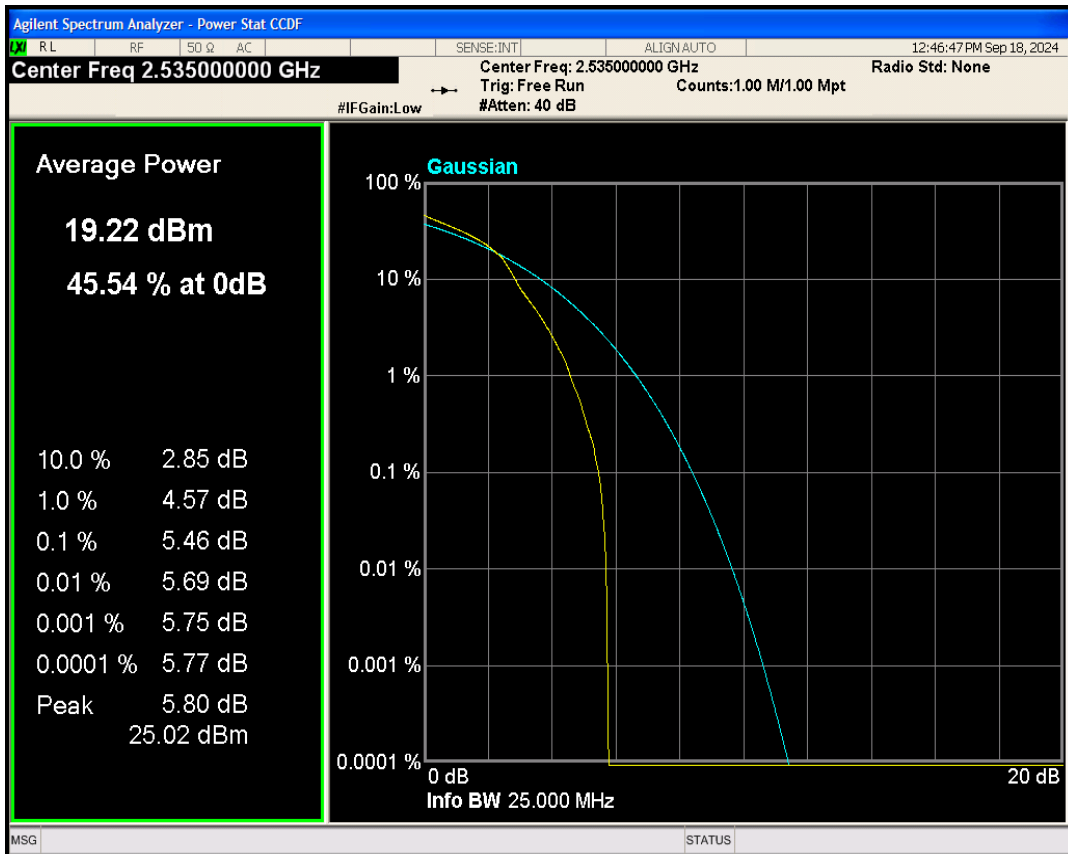
Band7 16QAM BW=10MHz Channel=20800 RB Size=1 Position=#0



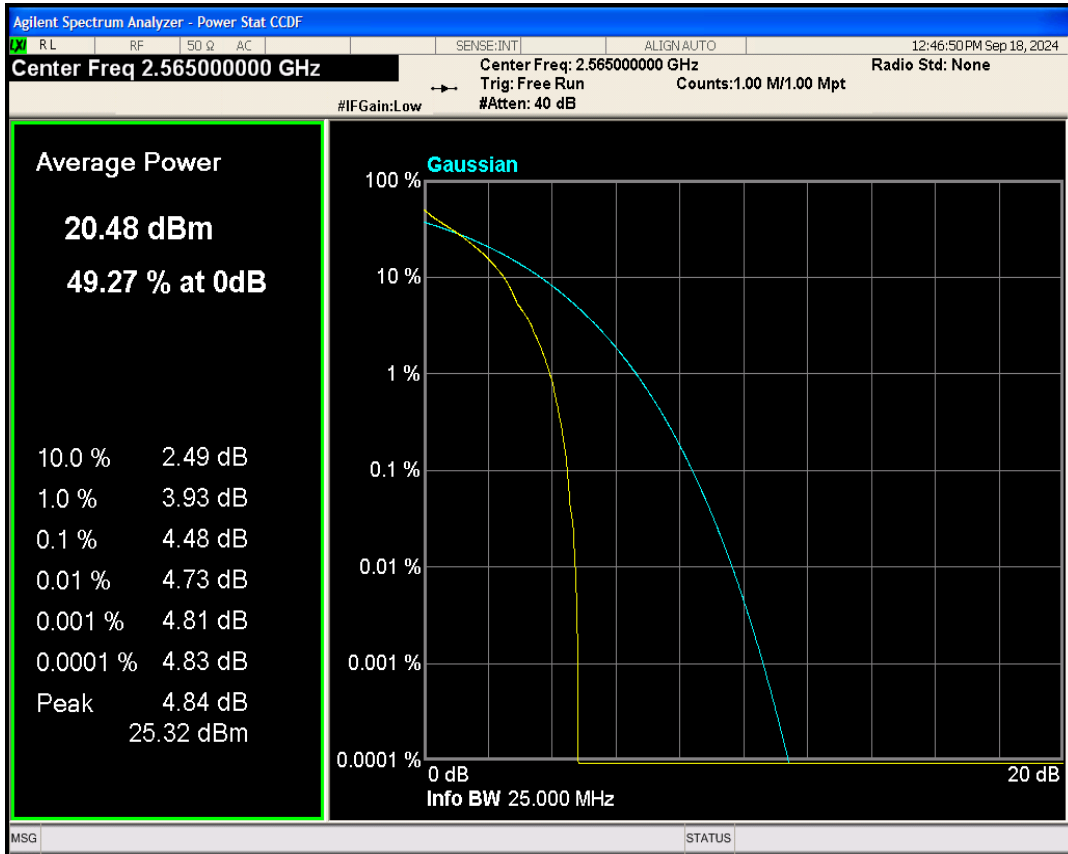
Band7 QPSK BW=10MHz Channel=21100 RB Size=1 Position=#0



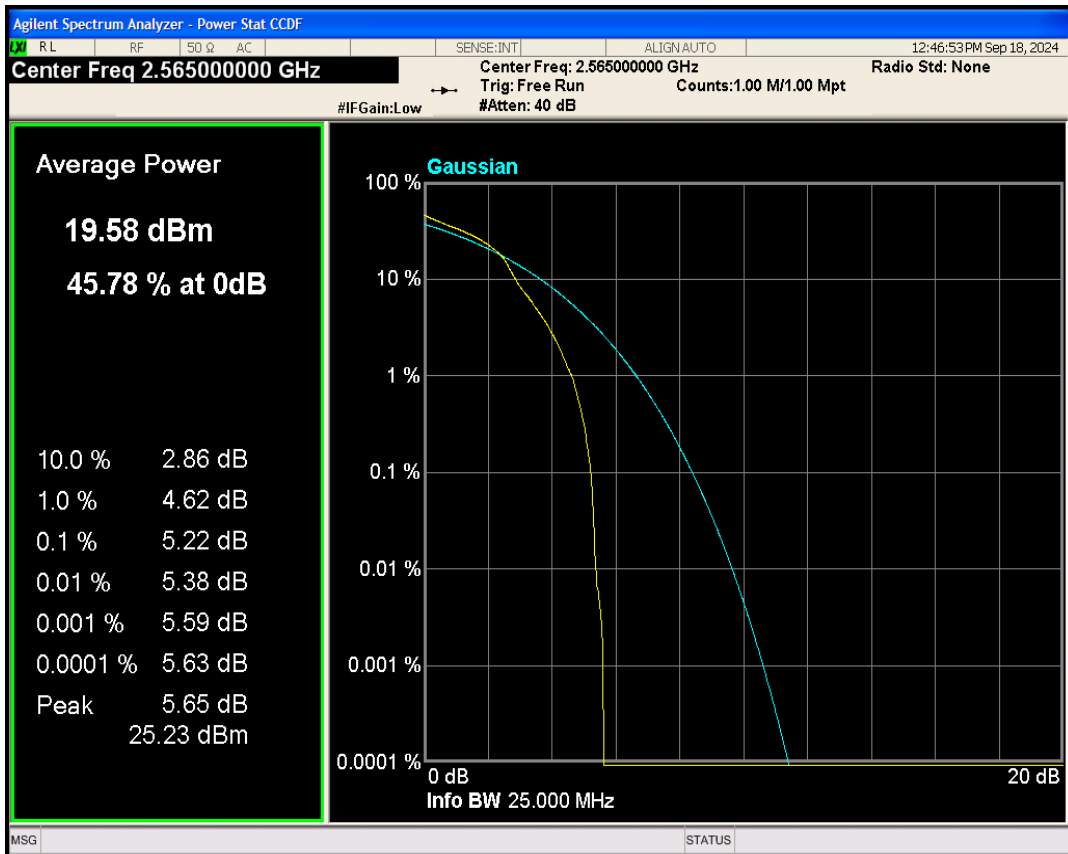
Band7 16QAM BW=10MHz Channel=21100 RB Size=1 Position=#0



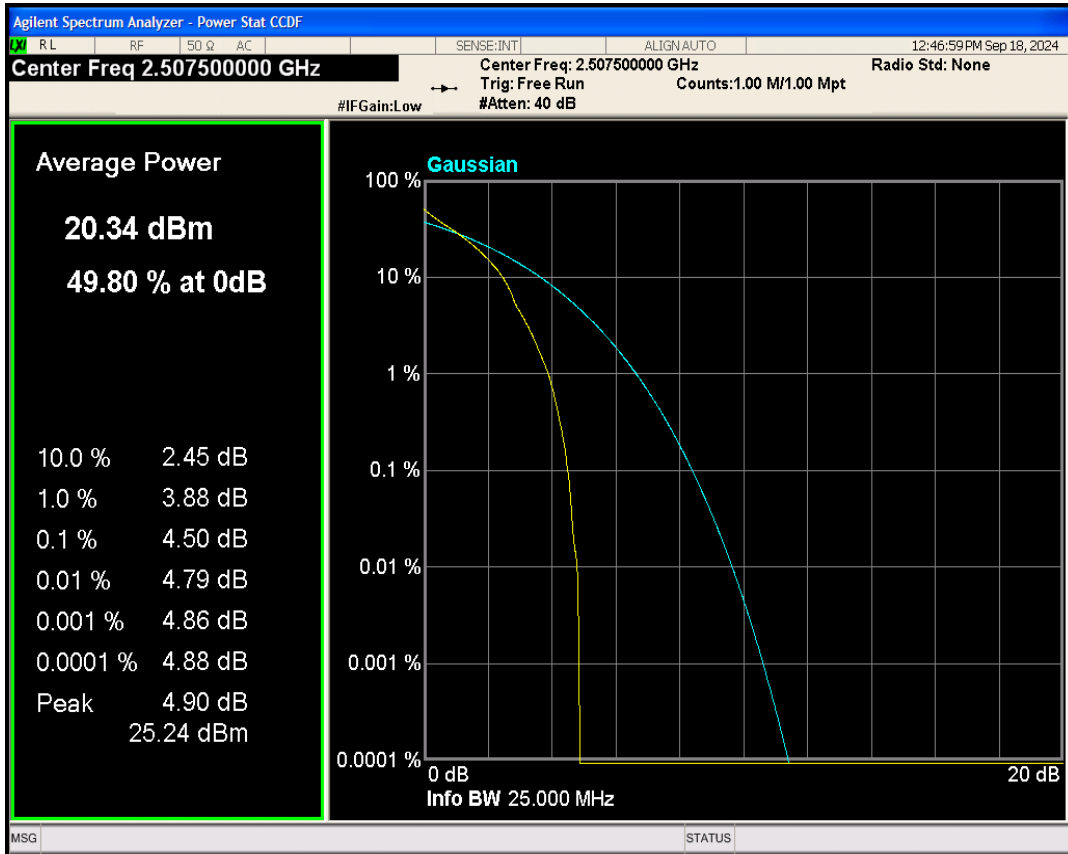
Band7 QPSK BW=10MHz Channel=21400 RB Size=1 Position=#0



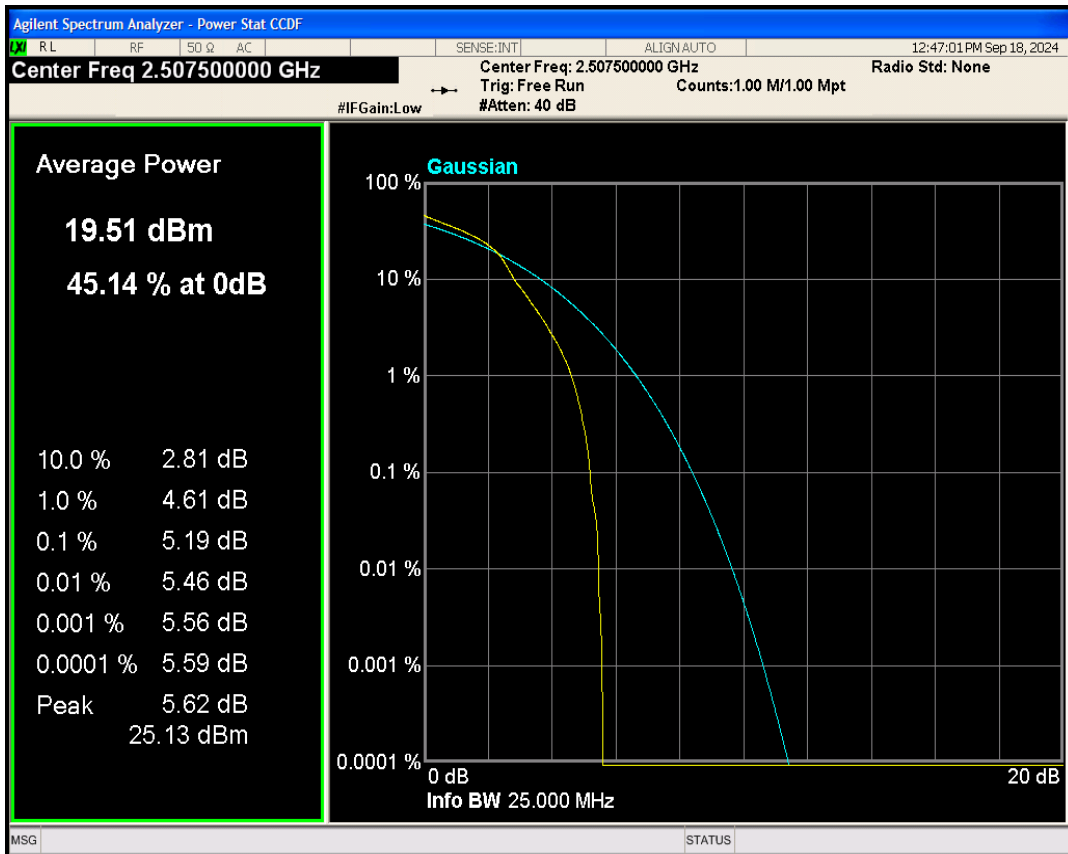
Band7 16QAM BW=10MHz Channel=21400 RB Size=1 Position=#0



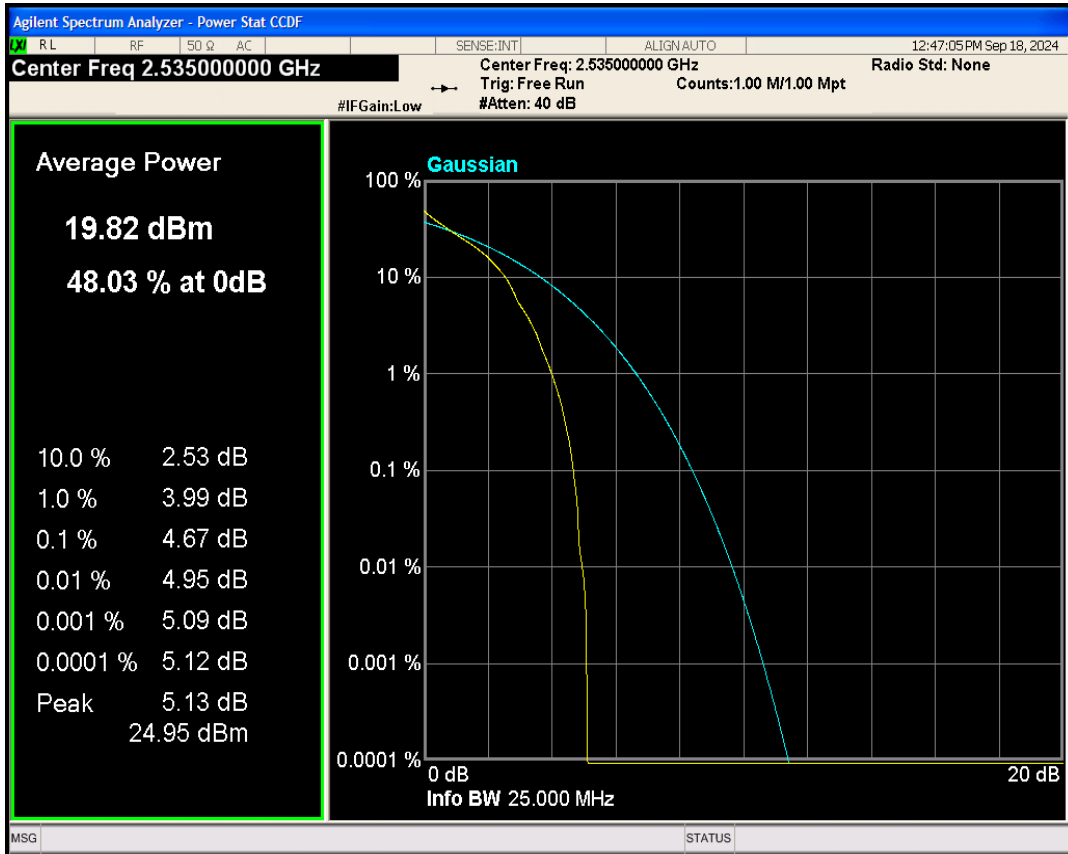
Band7 QPSK BW=15MHz Channel=20825 RB Size=1 Position=#0



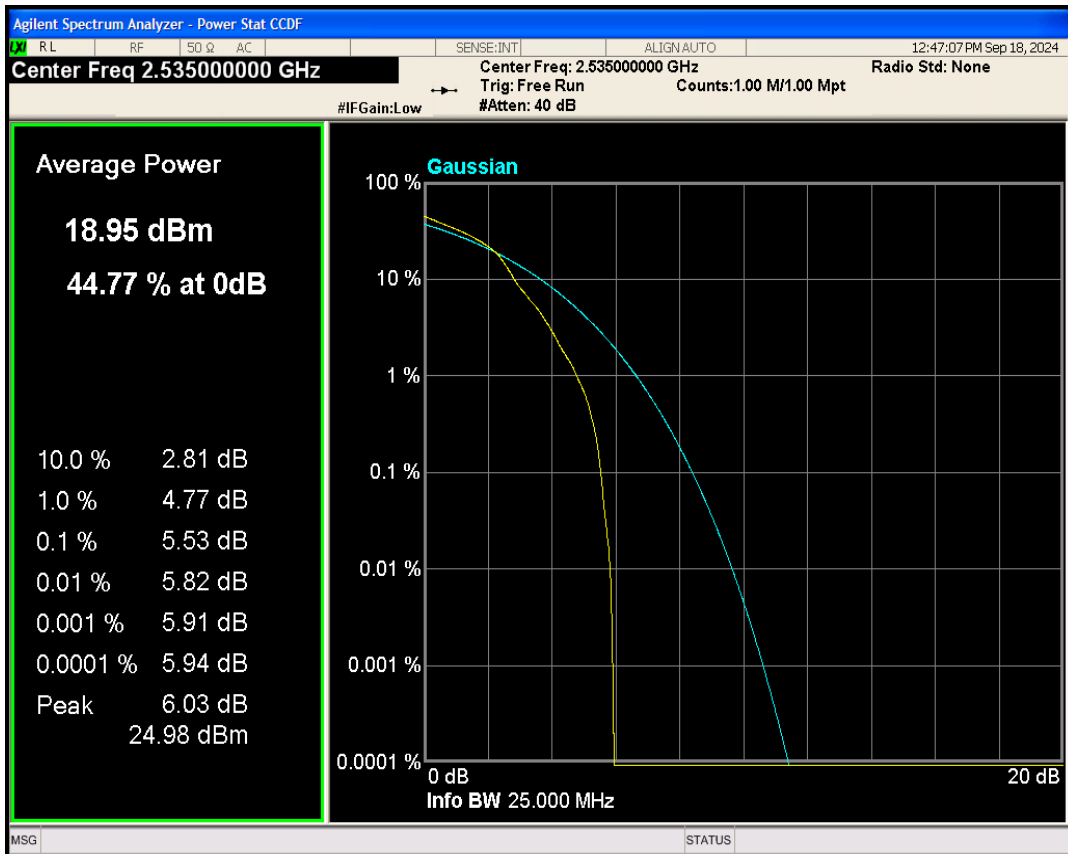
Band7 16QAM BW=15MHz Channel=20825 RB Size=1 Position=#0



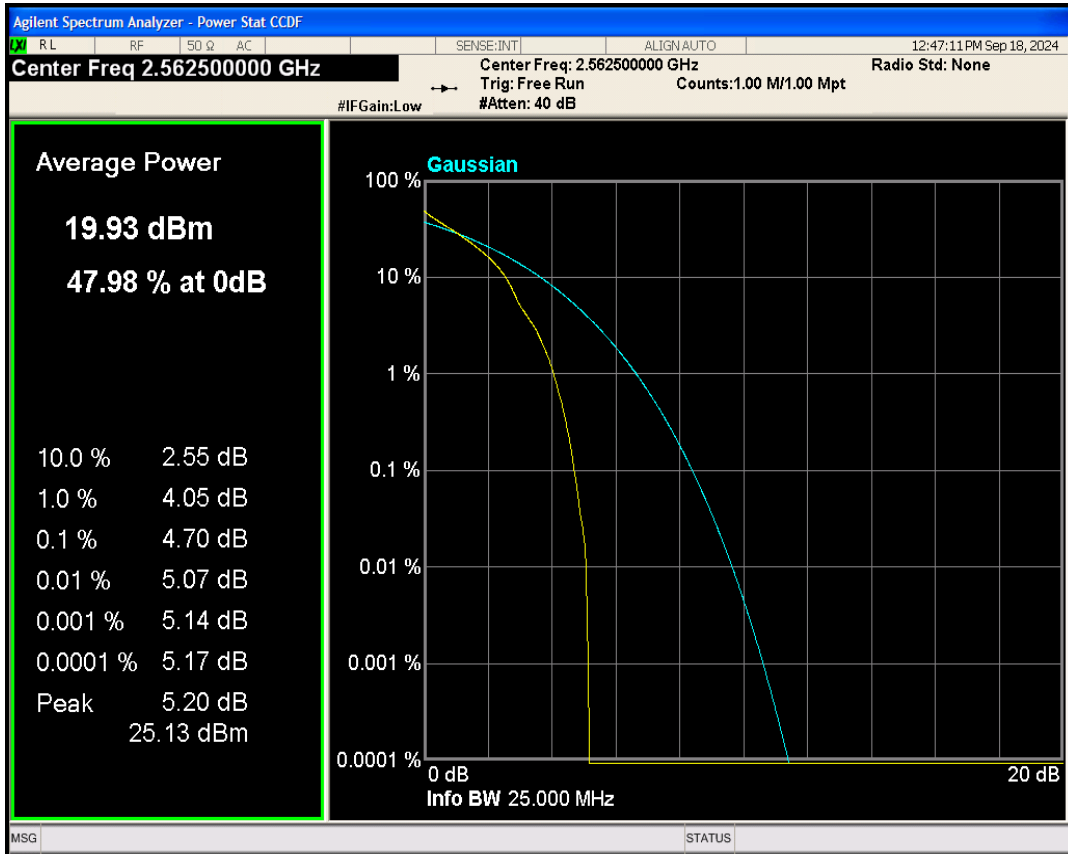
Band7 QPSK BW=15MHz Channel=21100 RB Size=1 Position=#0



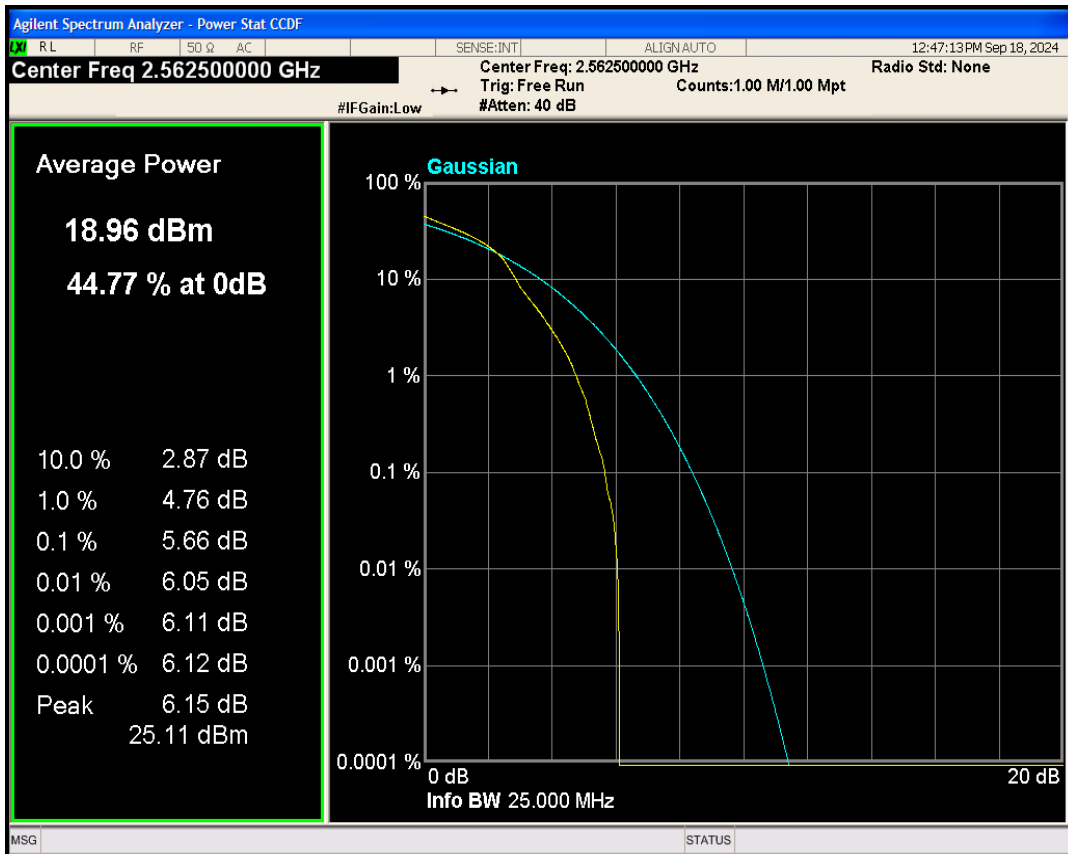
Band7 16QAM BW=15MHz Channel=21100 RB Size=1 Position=#0



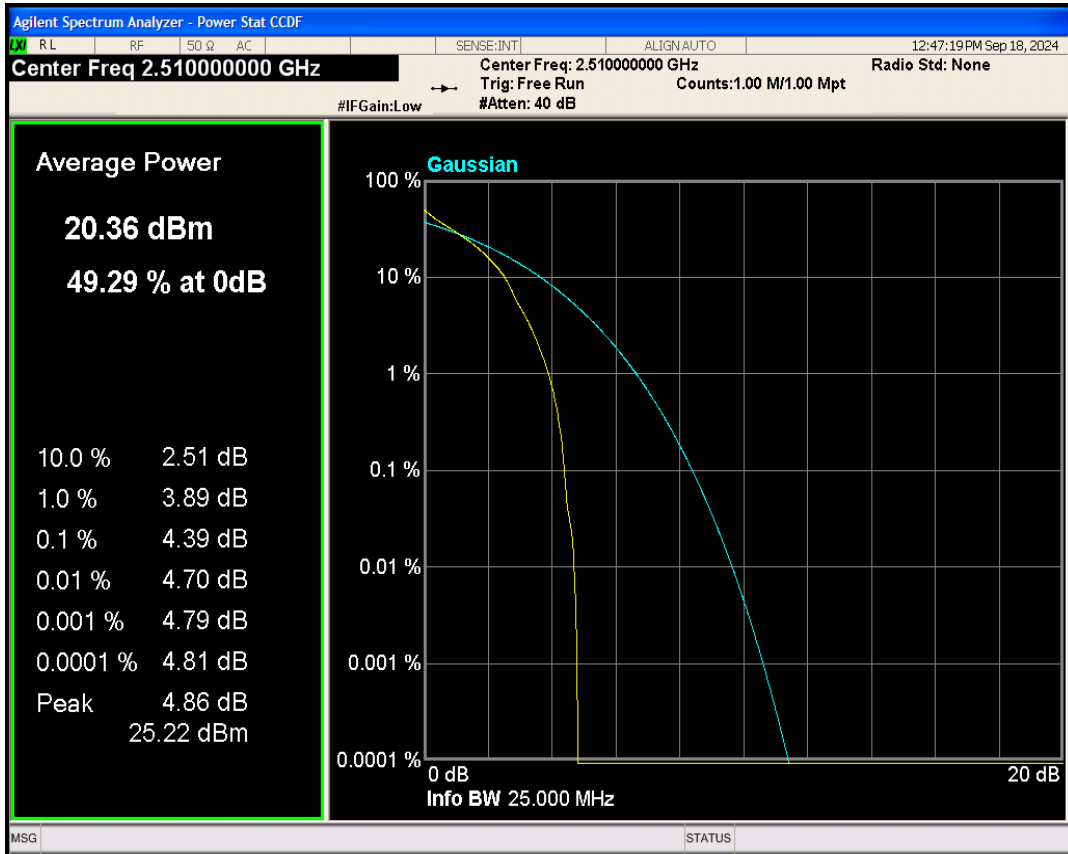
Band7 QPSK BW=15MHz Channel=21375 RB Size=1 Position=#0



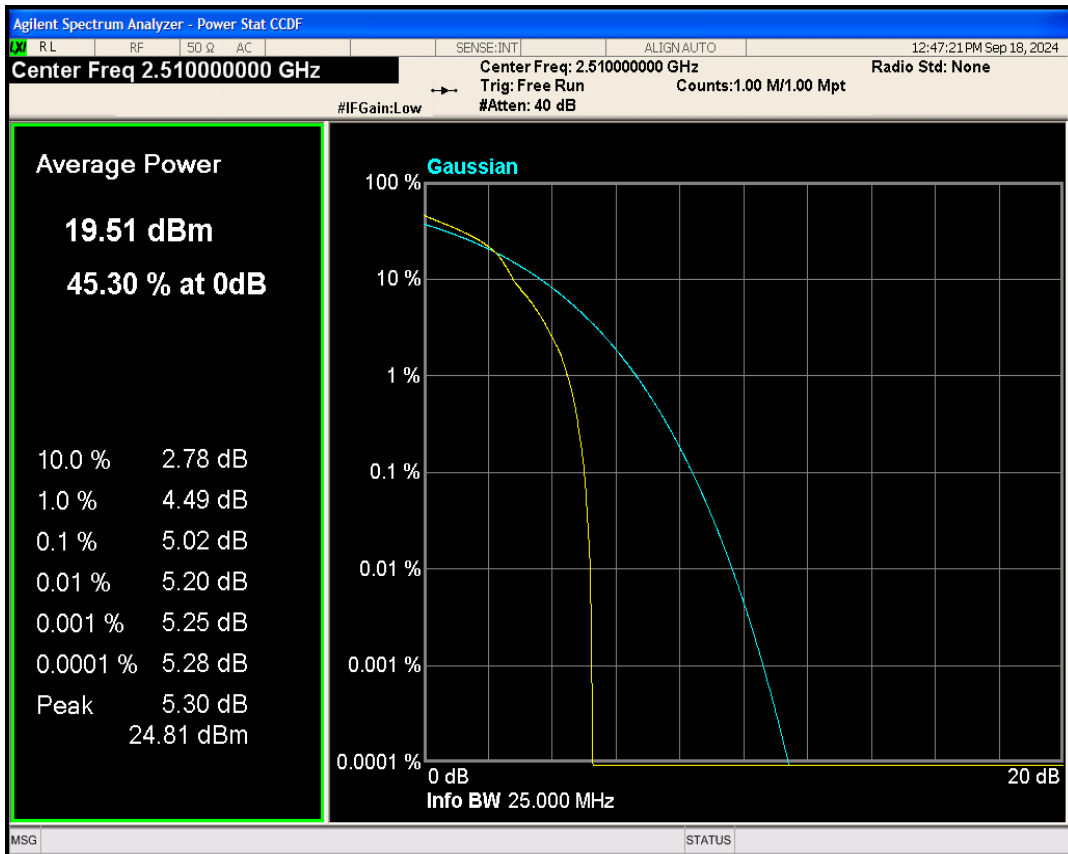
Band7 16QAM BW=15MHz Channel=21375 RB Size=1 Position=#0



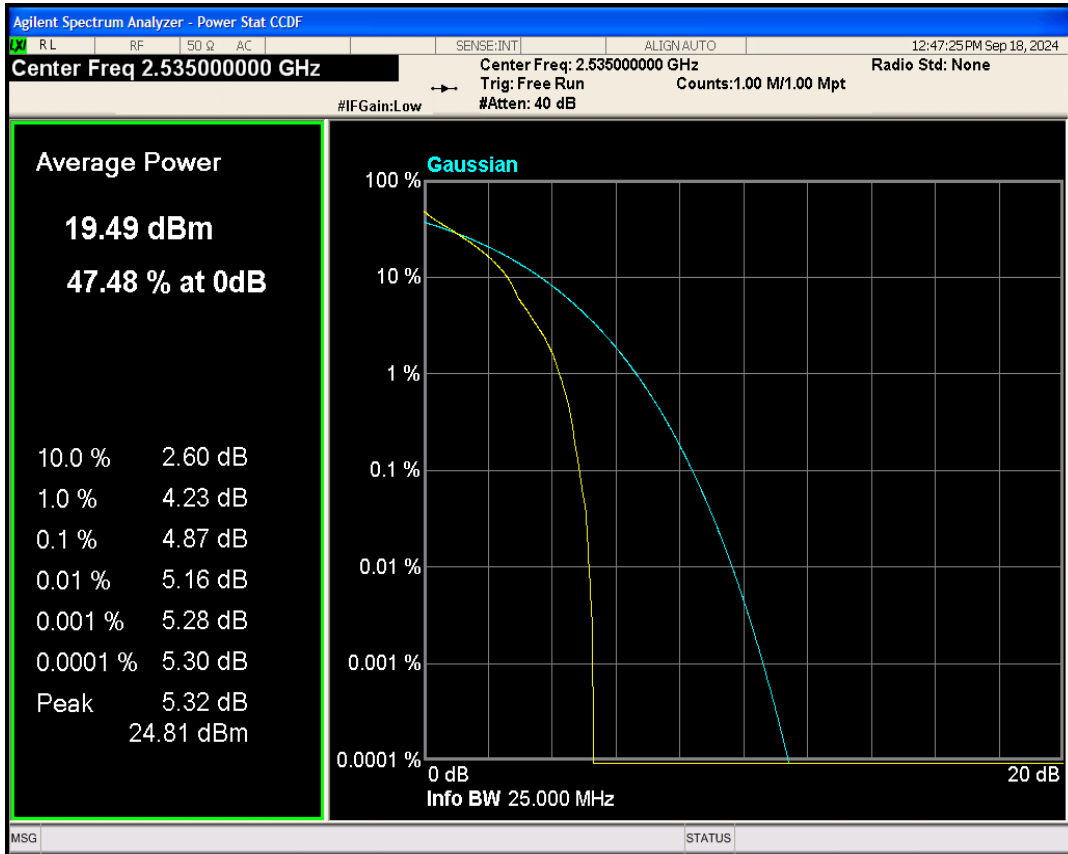
Band7 QPSK BW=20MHz Channel=20850 RB Size=1 Position=#0



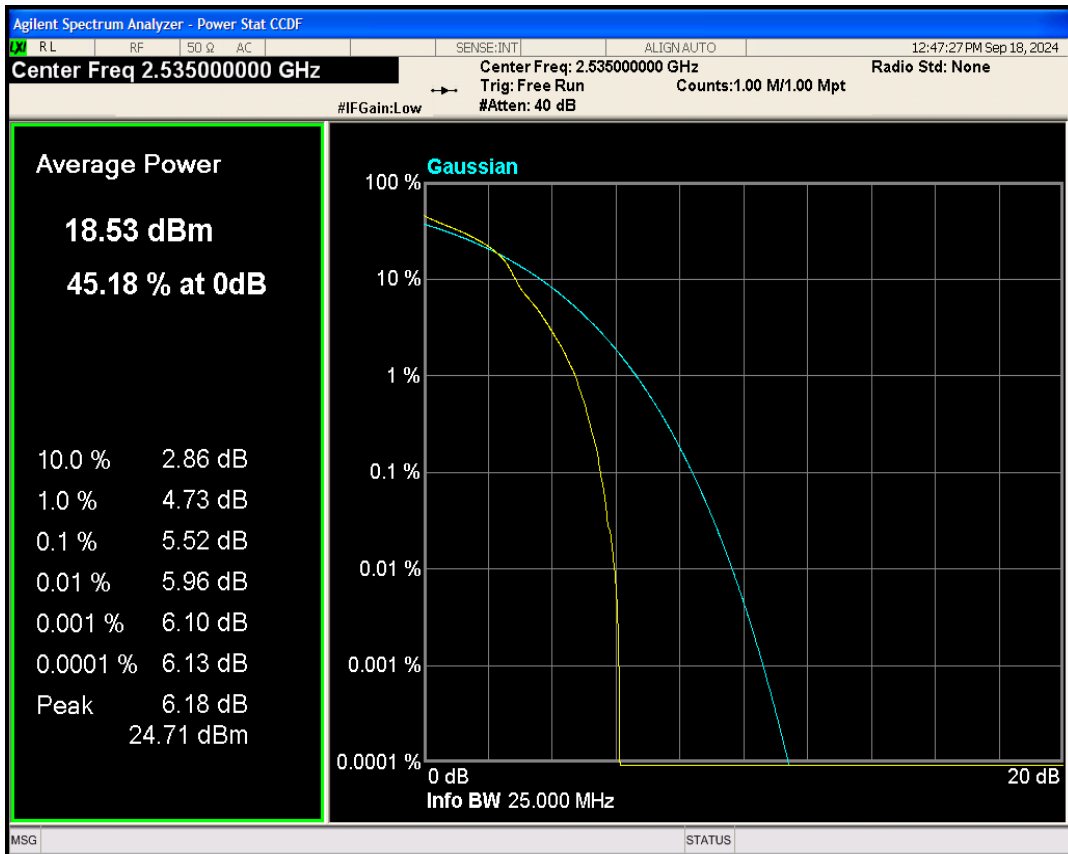
Band7 16QAM BW=20MHz Channel=20850 RB Size=1 Position=#0



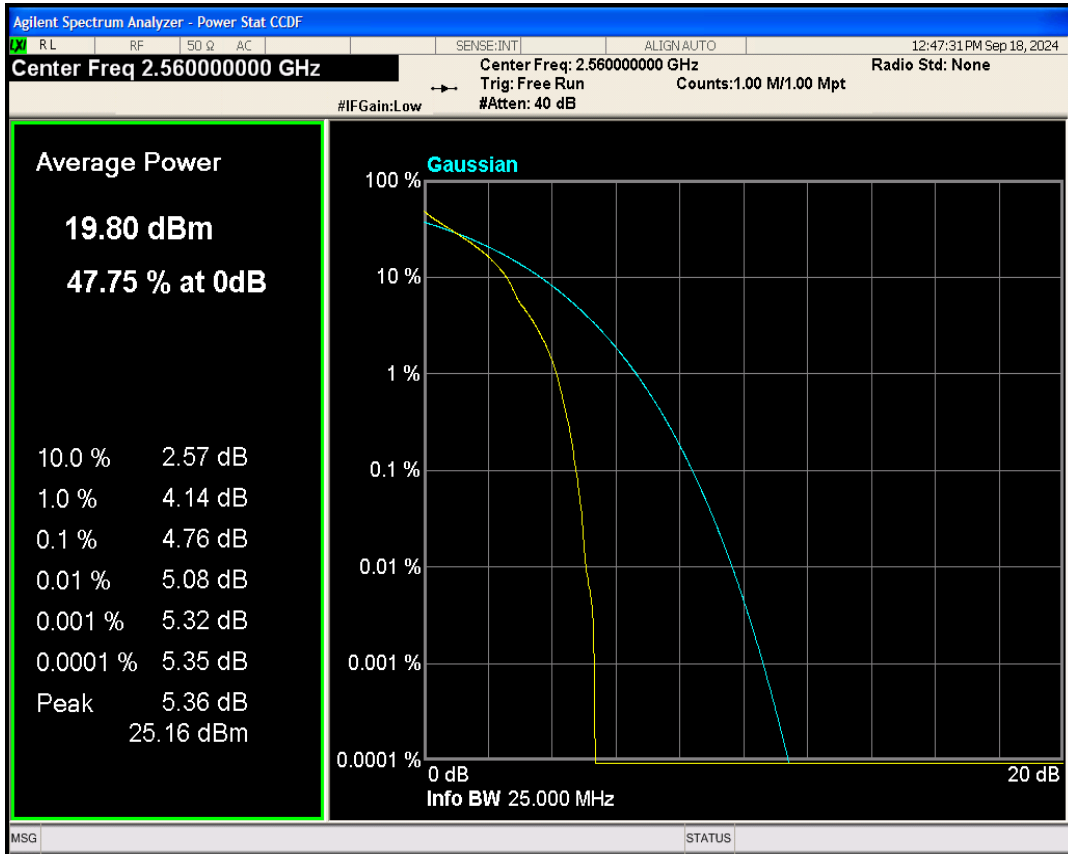
Band7 QPSK BW=20MHz Channel=21100 RB Size=1 Position=#0



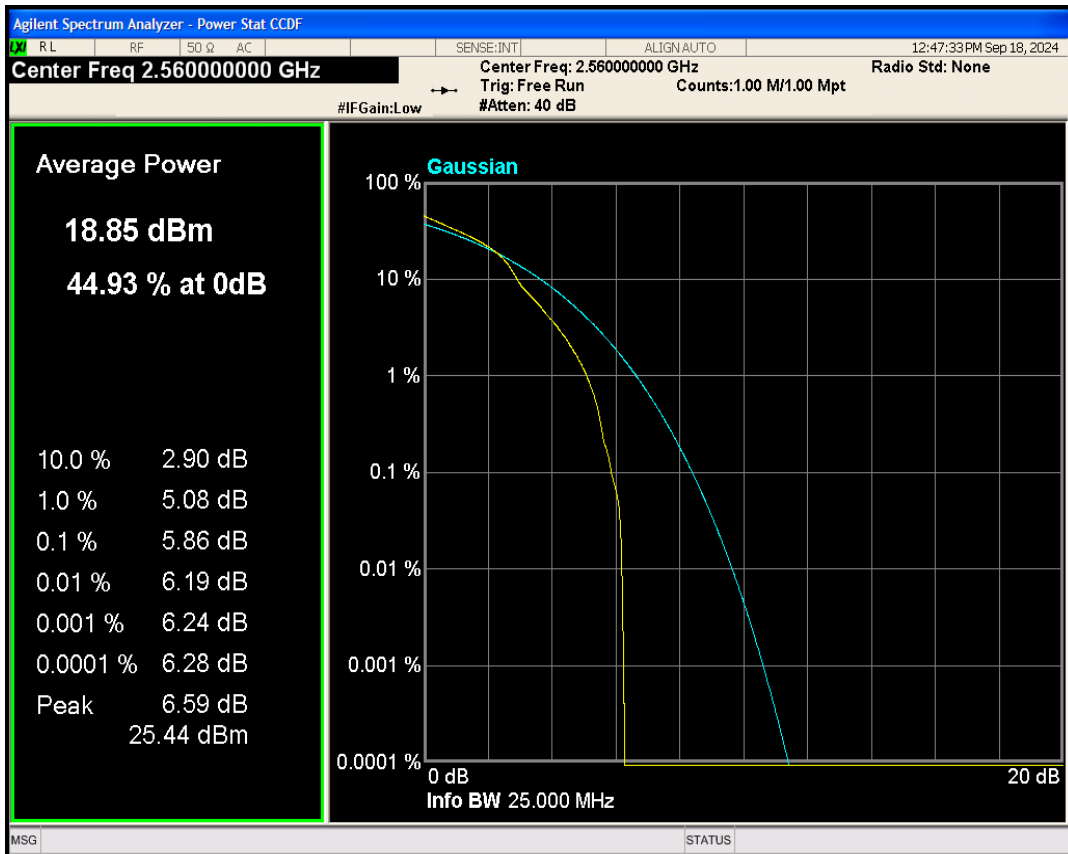
Band7 16QAM BW=20MHz Channel=21100 RB Size=1 Position=#0



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



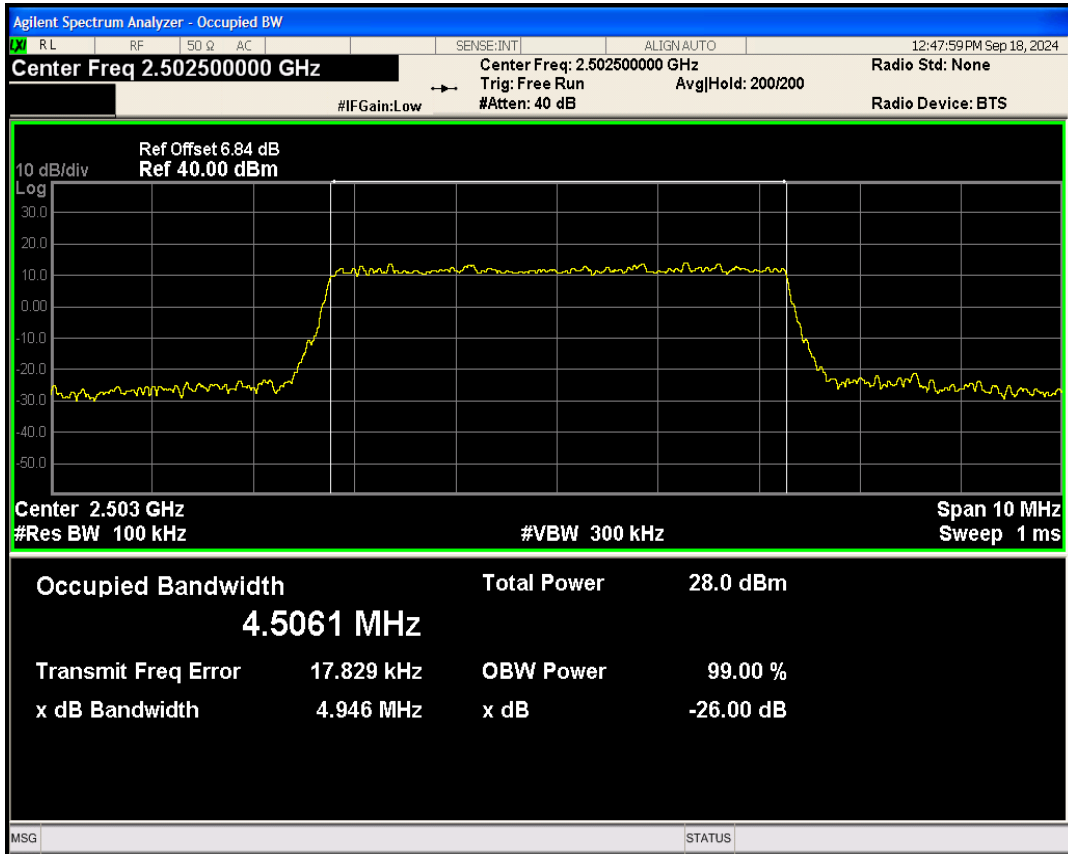
Band7 16QAM BW=20MHz Channel=21350 RB Size=1 Position=#0



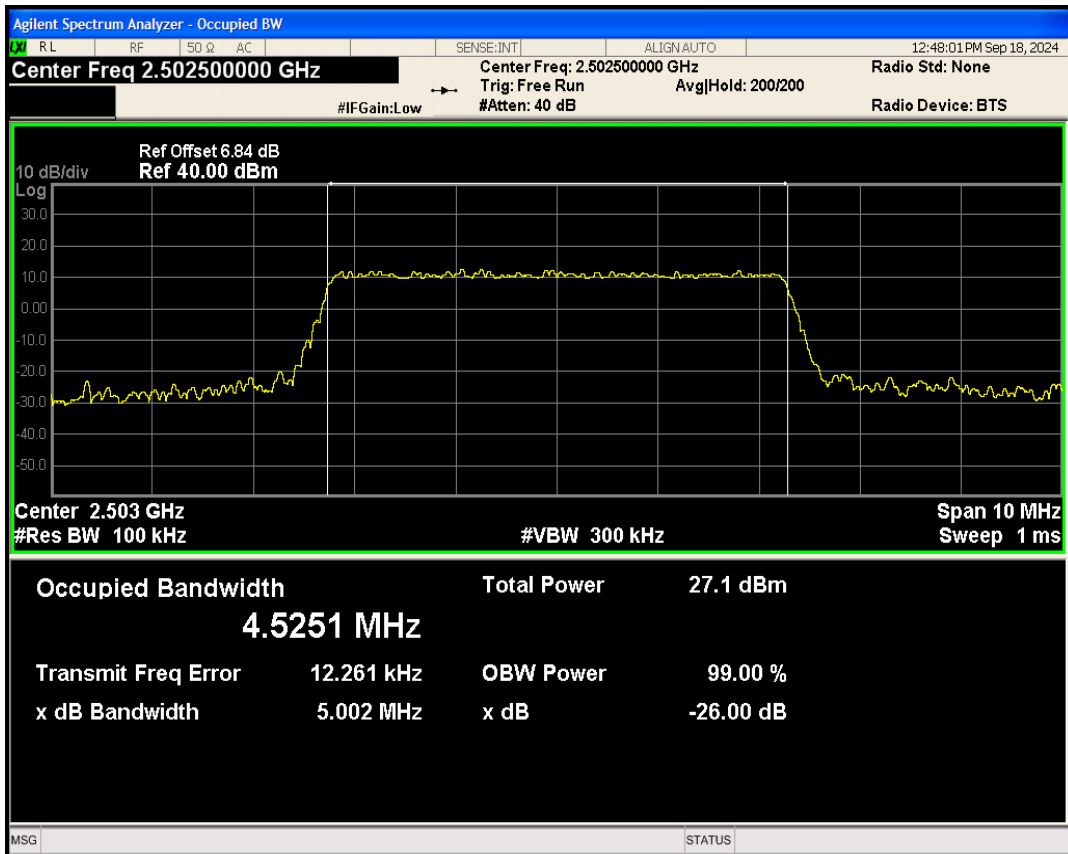
Appendix 4. Occupied bandwidth

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
Band7	5	20775	25	#0	QPSK	4.506	4.946	PASS
Band7	5	20775	25	#0	16QAM	4.525	5.002	PASS
Band7	5	21100	25	#0	QPSK	4.519	4.889	PASS
Band7	5	21100	25	#0	16QAM	4.513	4.988	PASS
Band7	5	21425	25	#0	QPSK	4.516	4.988	PASS
Band7	5	21425	25	#0	16QAM	4.506	4.986	PASS
Band7	10	20800	50	#0	QPSK	8.982	9.633	PASS
Band7	10	20800	50	#0	16QAM	8.985	9.724	PASS
Band7	10	21100	50	#0	QPSK	8.989	9.823	PASS
Band7	10	21100	50	#0	16QAM	8.990	9.711	PASS
Band7	10	21400	50	#0	QPSK	8.993	9.810	PASS
Band7	10	21400	50	#0	16QAM	8.994	9.772	PASS
Band7	15	20825	75	#0	QPSK	13.425	14.405	PASS
Band7	15	20825	75	#0	16QAM	13.434	14.503	PASS
Band7	15	21100	75	#0	QPSK	13.467	14.489	PASS
Band7	15	21100	75	#0	16QAM	13.449	14.534	PASS
Band7	15	21375	75	#0	QPSK	13.427	14.520	PASS
Band7	15	21375	75	#0	16QAM	13.452	14.547	PASS
Band7	20	20850	100	#0	QPSK	17.936	19.080	PASS
Band7	20	20850	100	#0	16QAM	17.948	19.147	PASS
Band7	20	21100	100	#0	QPSK	17.928	19.371	PASS
Band7	20	21100	100	#0	16QAM	18.006	19.524	PASS
Band7	20	21350	100	#0	QPSK	17.969	19.609	PASS
Band7	20	21350	100	#0	16QAM	17.977	19.223	PASS

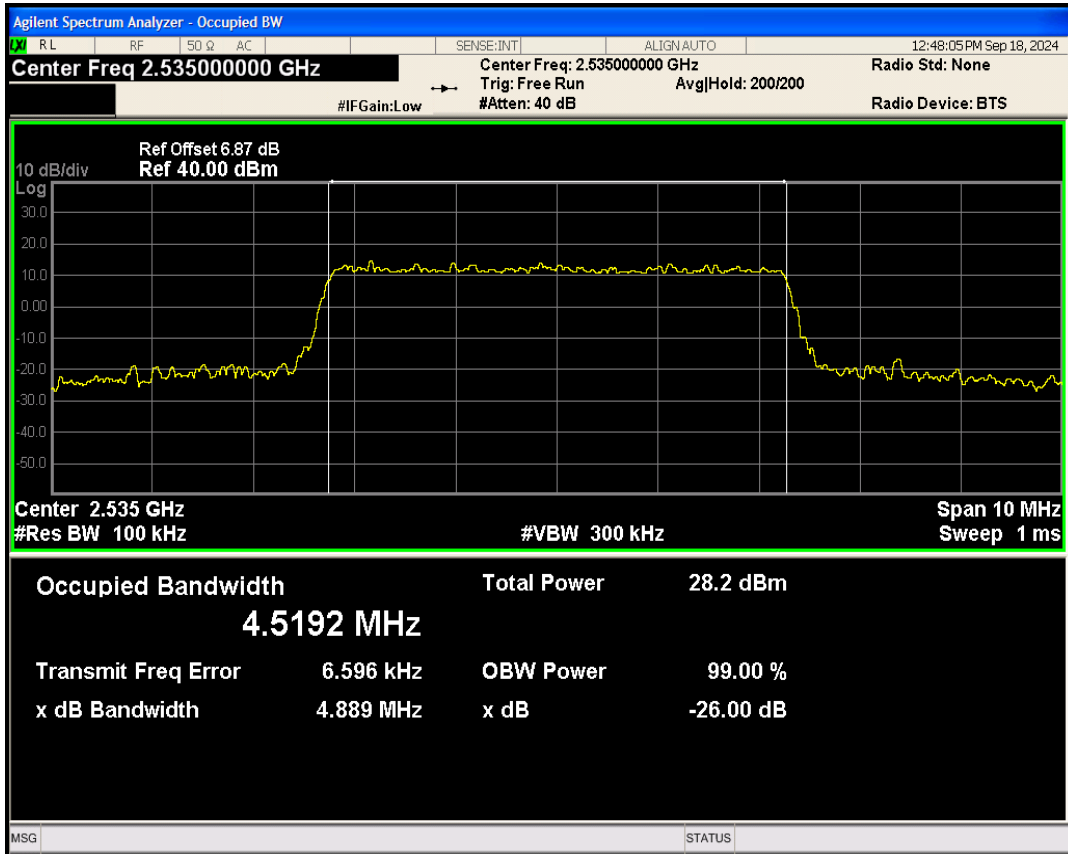
Band7 QPSK BW=5MHz Channel=20775 RB Size=25 Position=#0



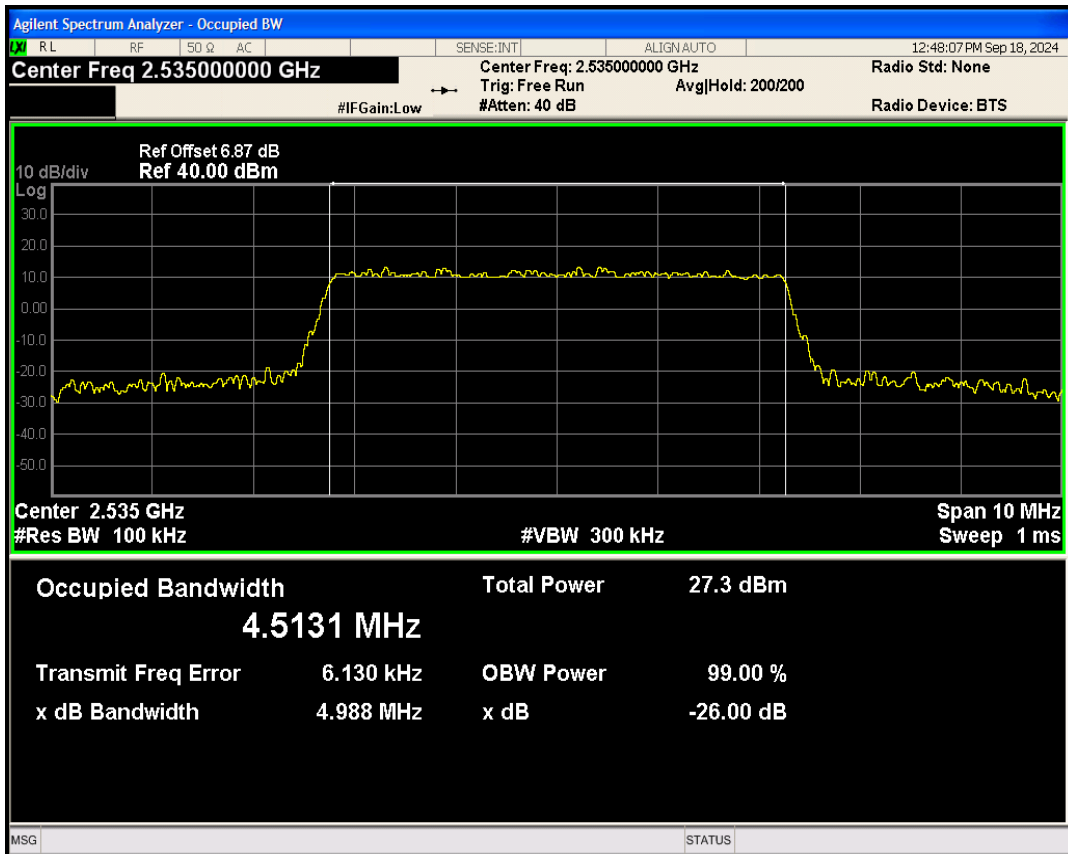
Band7 16QAM BW=5MHz Channel=20775 RB Size=25 Position=#0



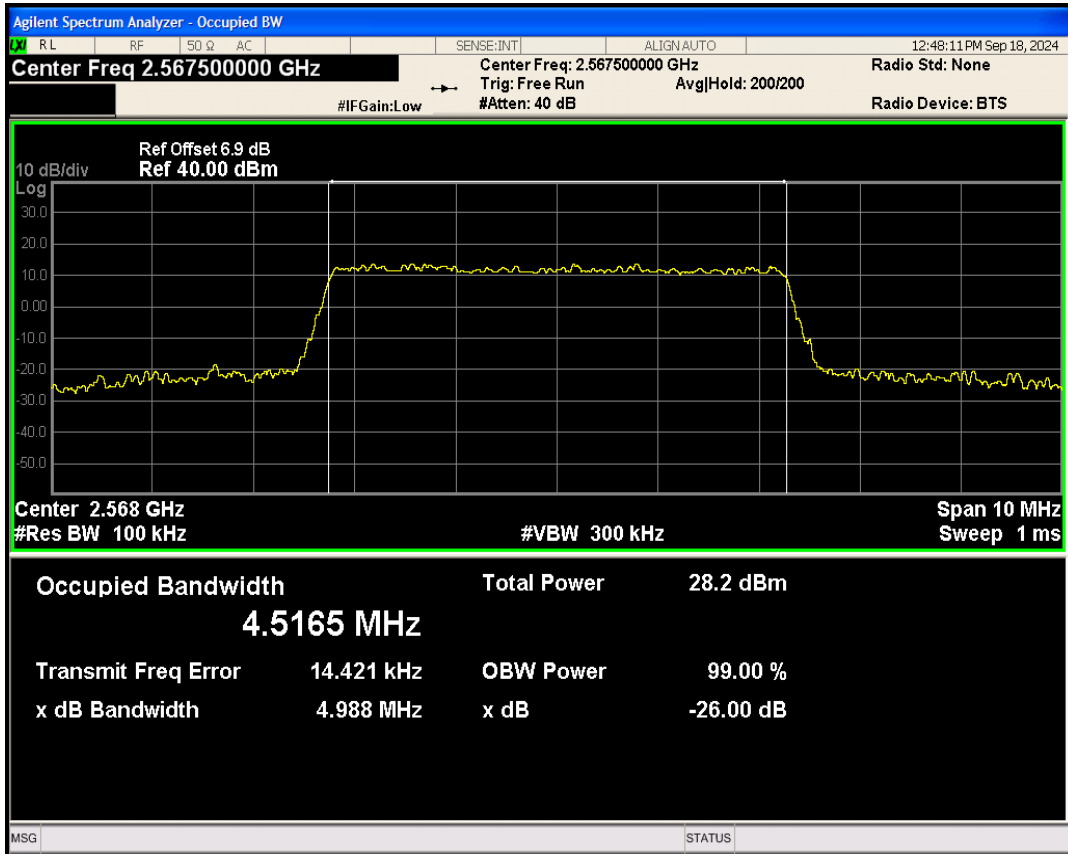
Band7 QPSK BW=5MHz Channel=21100 RB Size=25 Position=#0



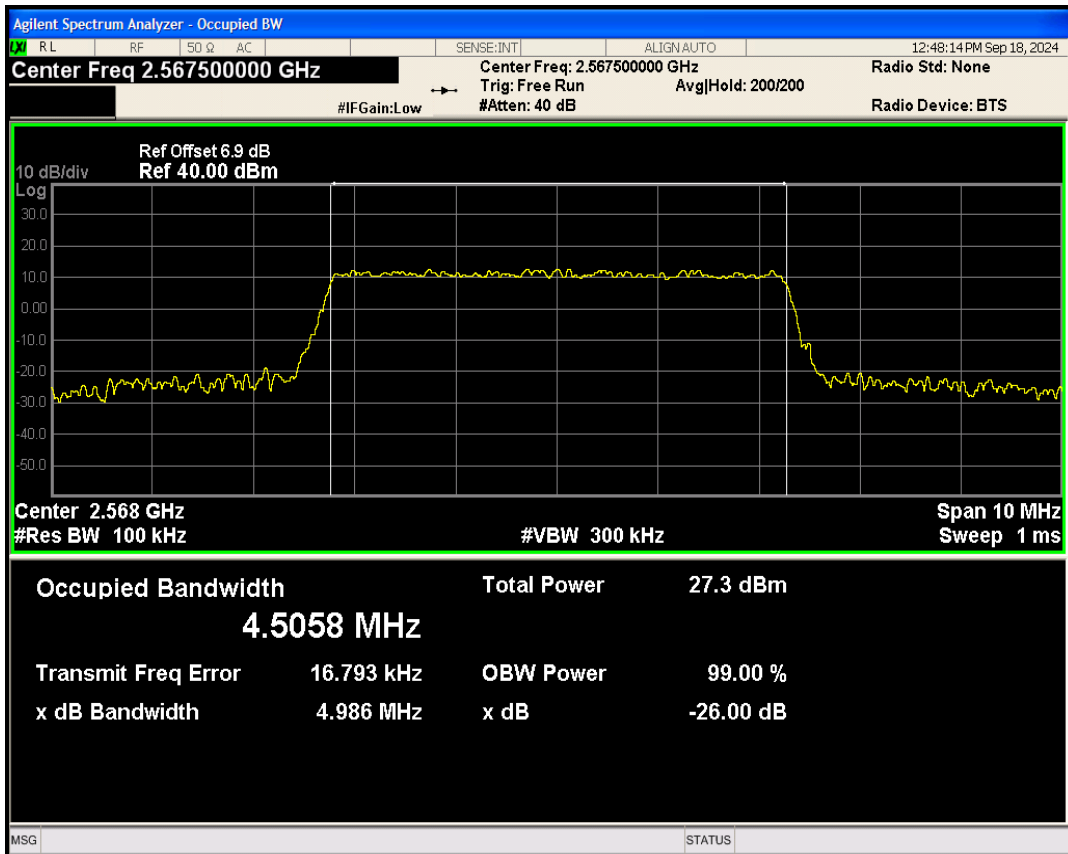
Band7 16QAM BW=5MHz Channel=21100 RB Size=25 Position=#0



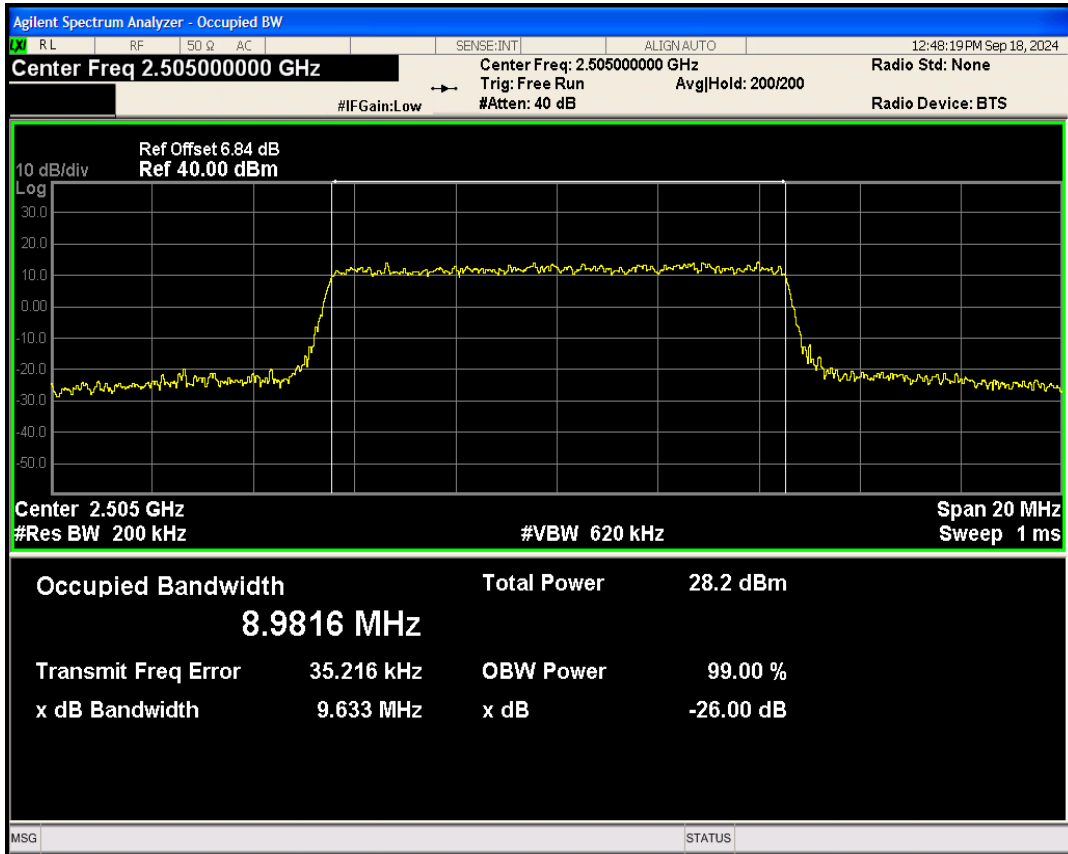
Band7 QPSK BW=5MHz Channel=21425 RB Size=25 Position=#0



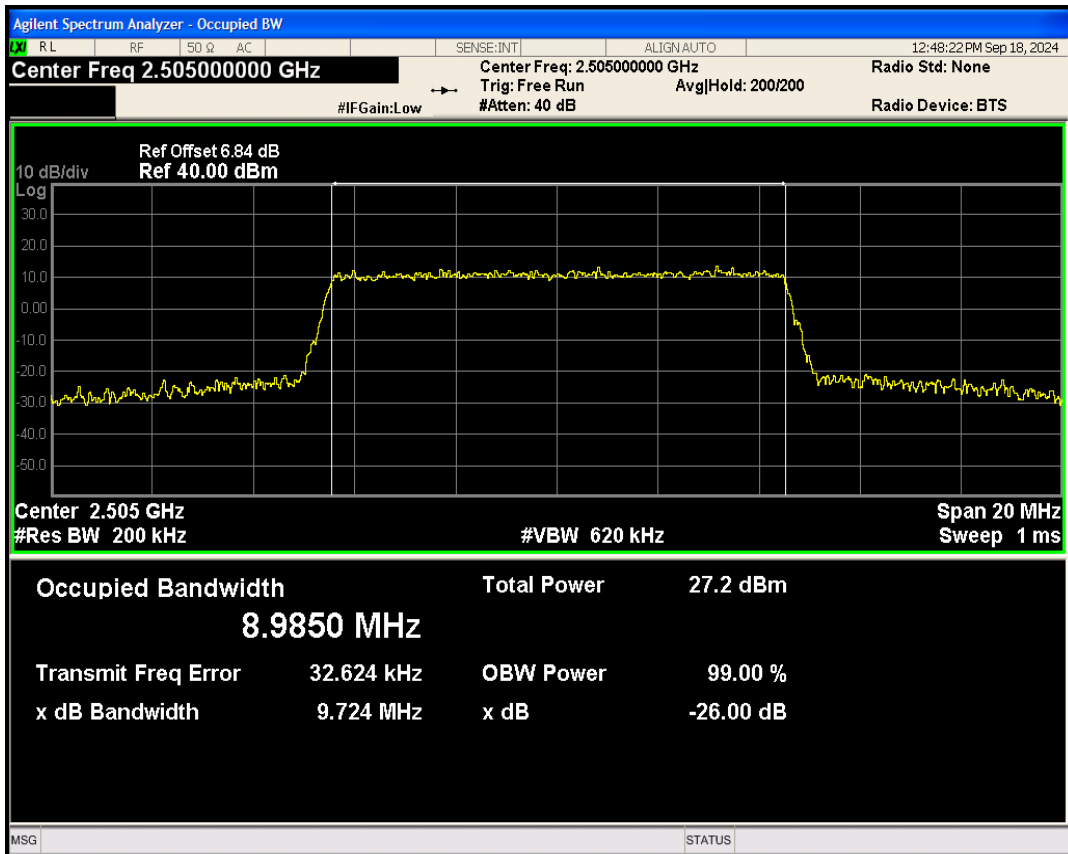
Band7 16QAM BW=5MHz Channel=21425 RB Size=25 Position=#0



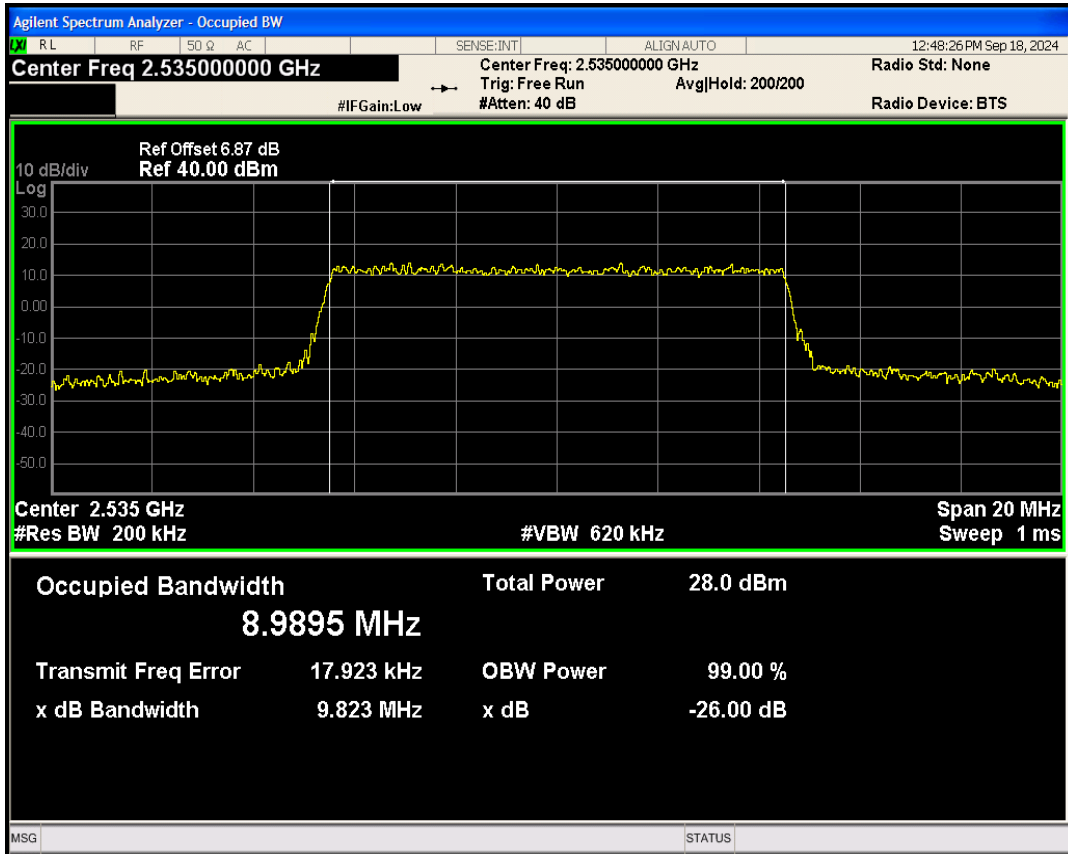
Band7 QPSK BW=10MHz Channel=20800 RB Size=50 Position=#0



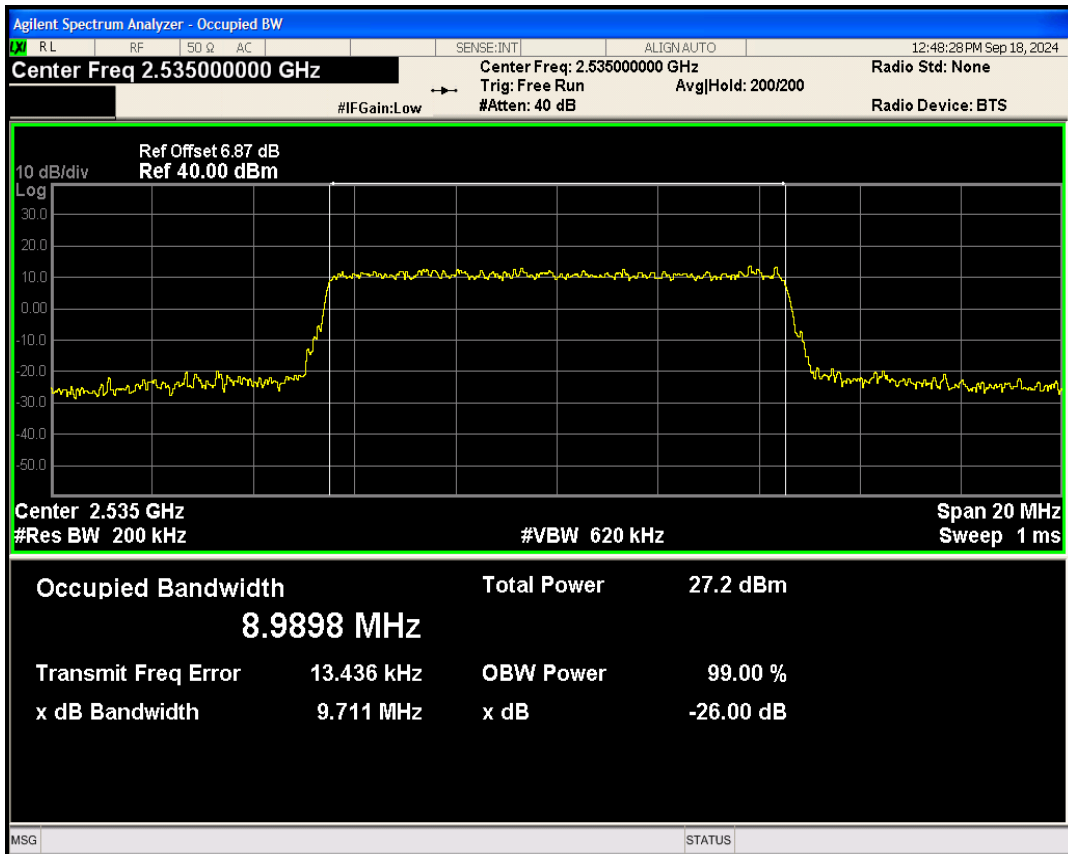
Band7 16QAM BW=10MHz Channel=20800 RB Size=50 Position=#0



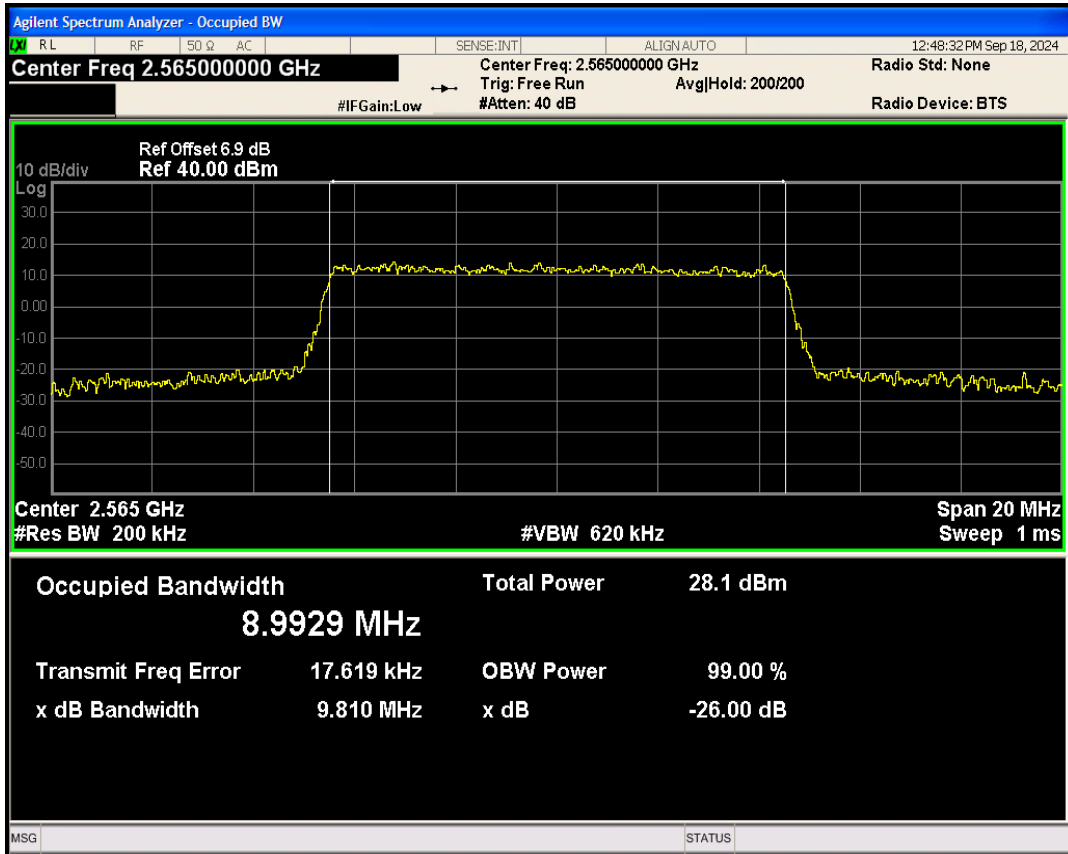
Band7 QPSK BW=10MHz Channel=21100 RB Size=50 Position=#0



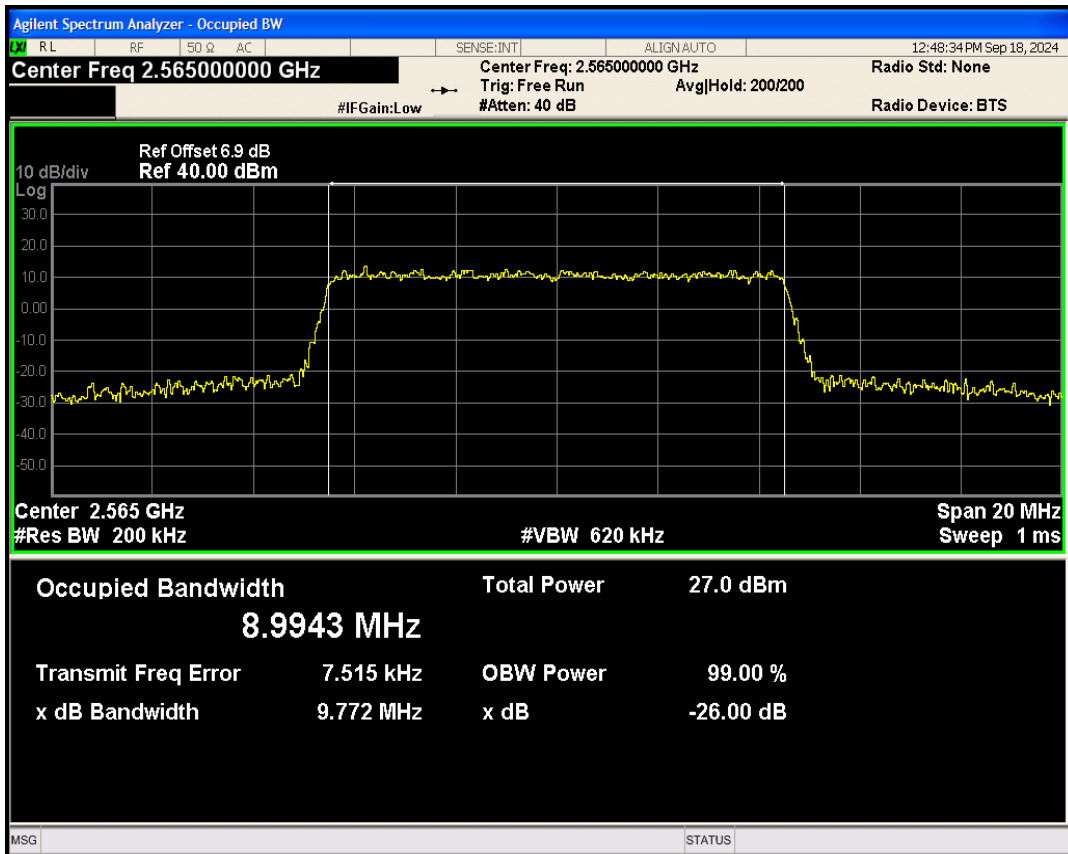
Band7 16QAM BW=10MHz Channel=21100 RB Size=50 Position=#0



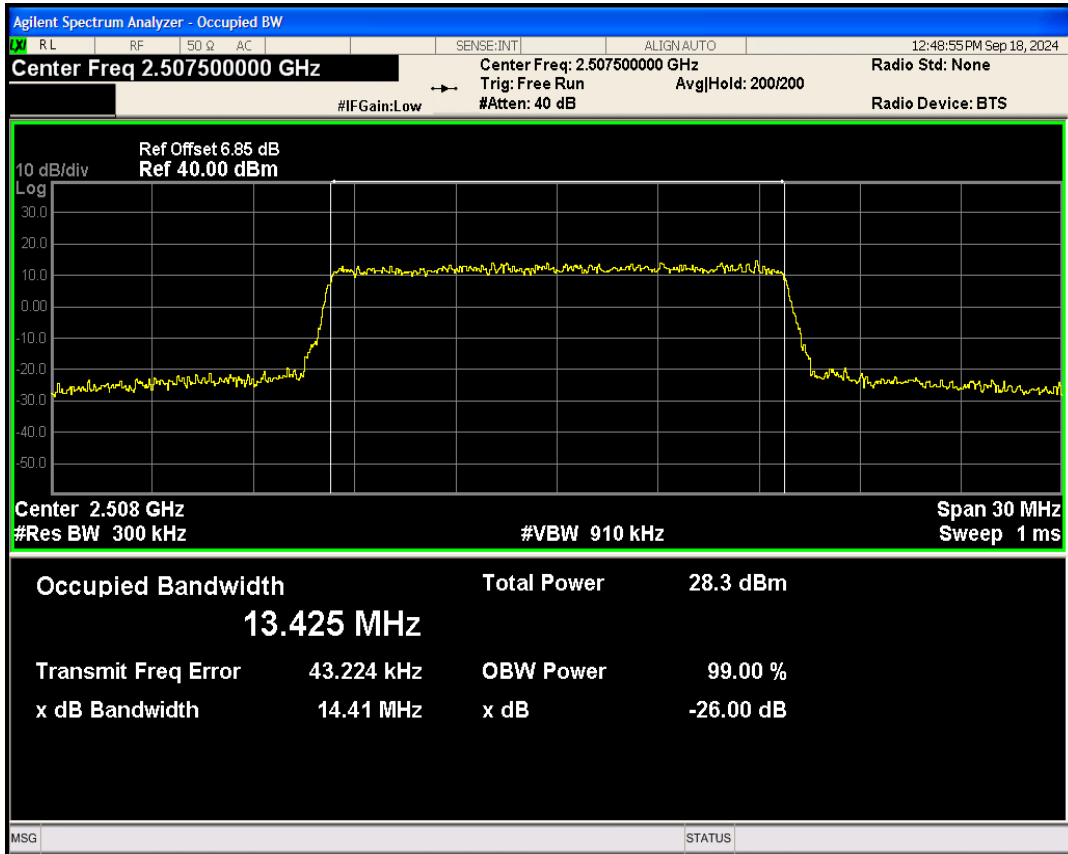
Band7 QPSK BW=10MHz Channel=21400 RB Size=50 Position=#0



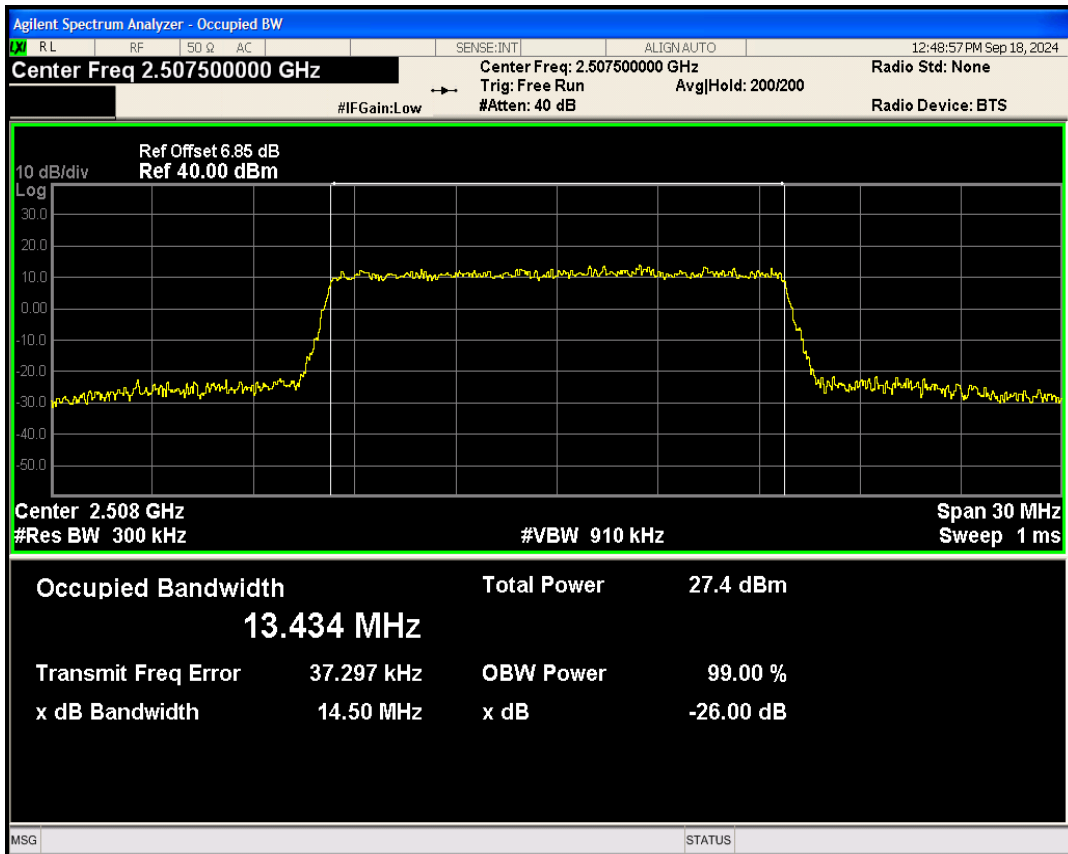
Band7 16QAM BW=10MHz Channel=21400 RB Size=50 Position=#0



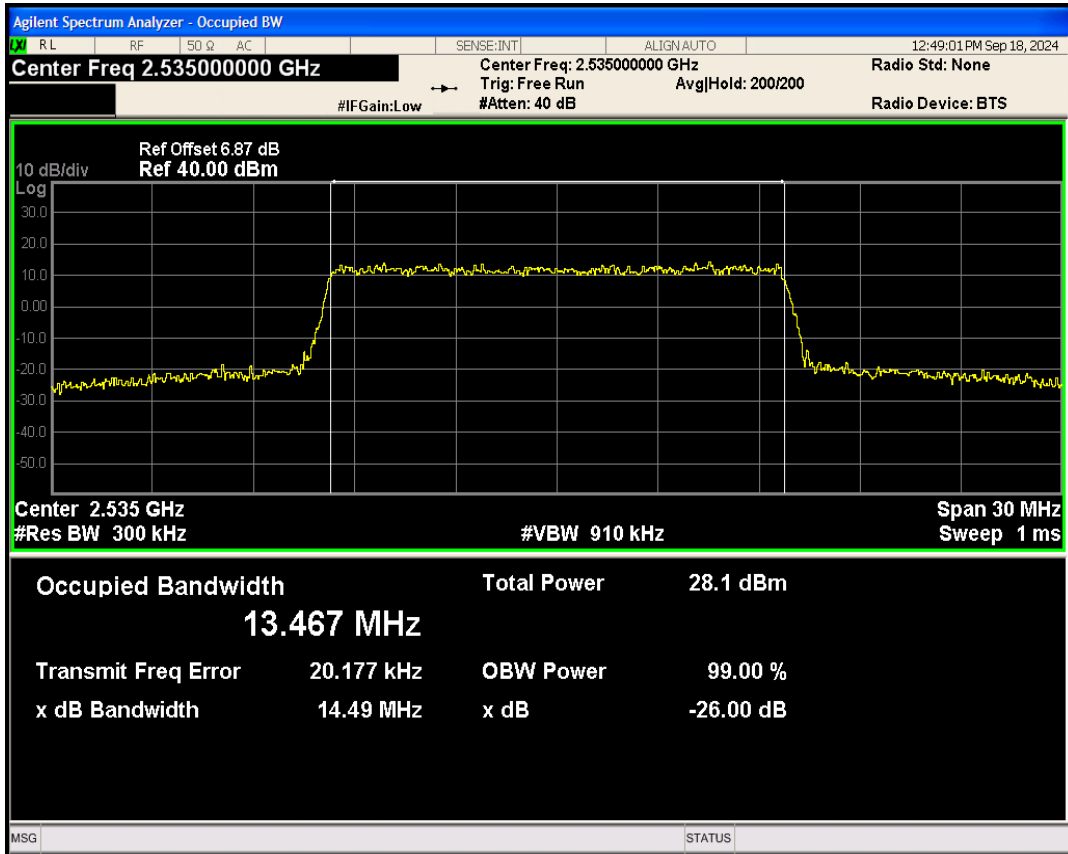
Band7 QPSK BW=15MHz Channel=20825 RB Size=75 Position=#0



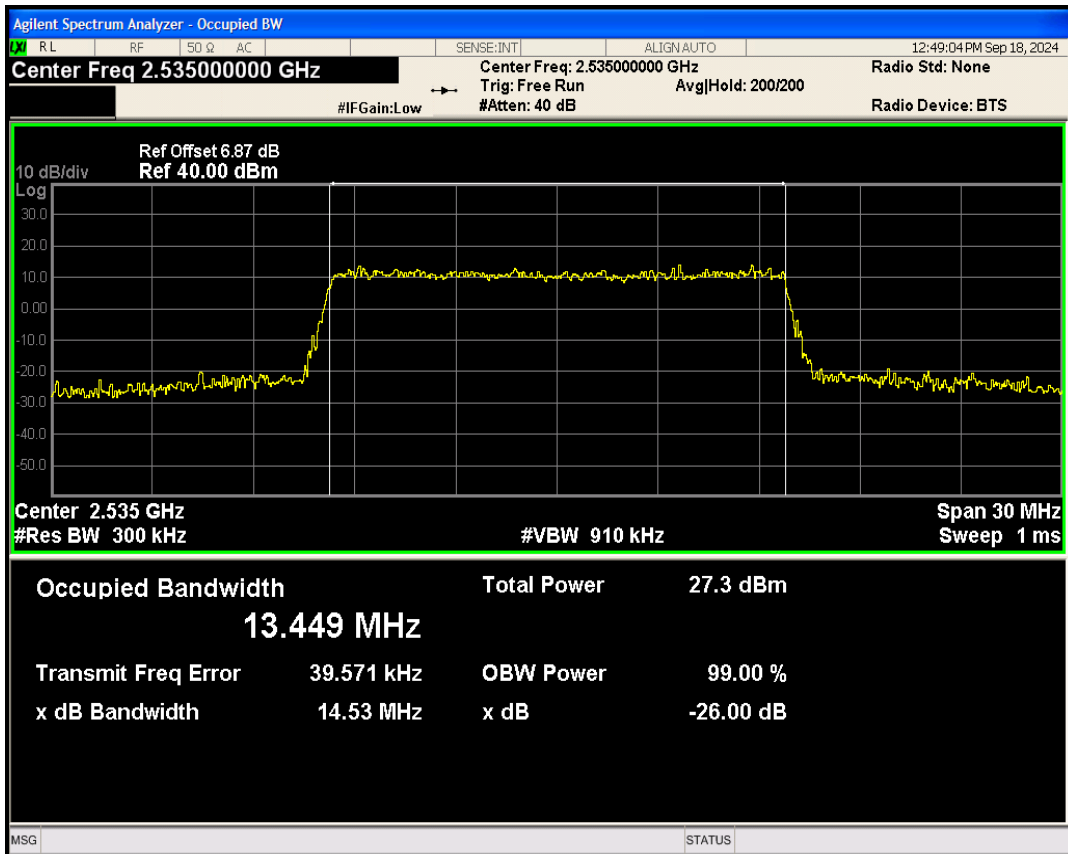
Band7 16QAM BW=15MHz Channel=20825 RB Size=75 Position=#0



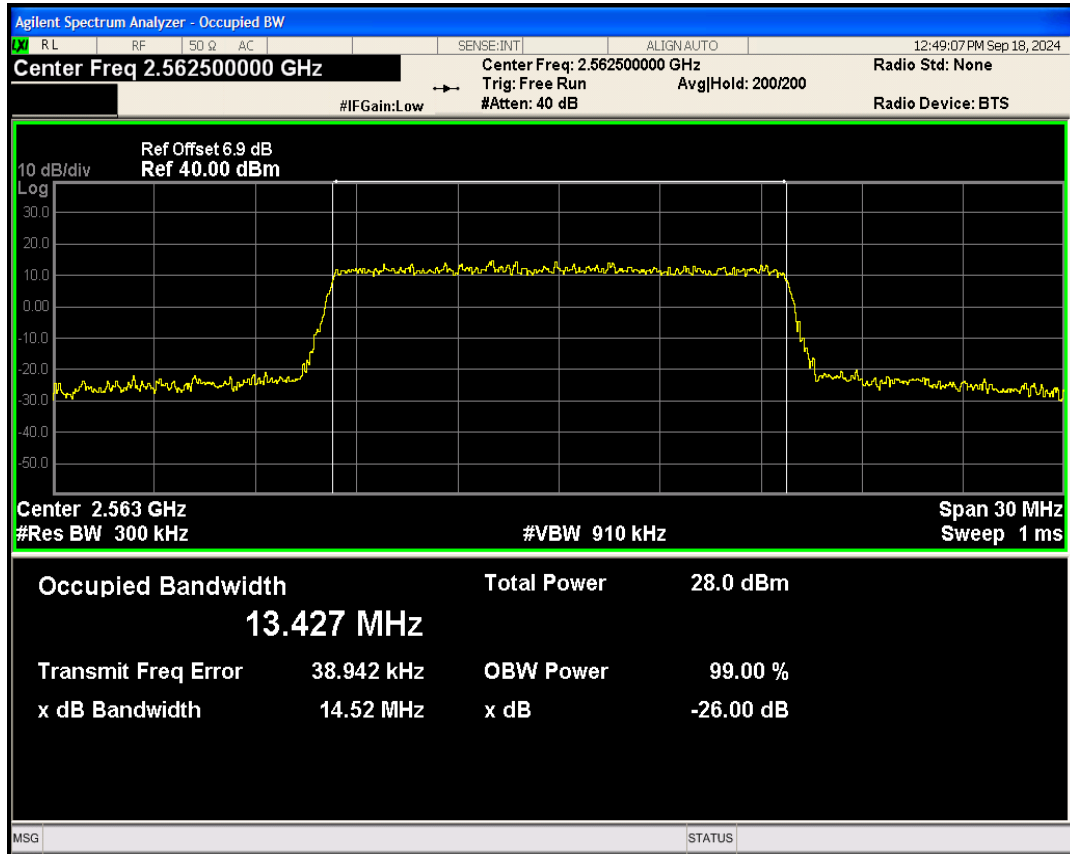
Band7 QPSK BW=15MHz Channel=21100 RB Size=75 Position=#0



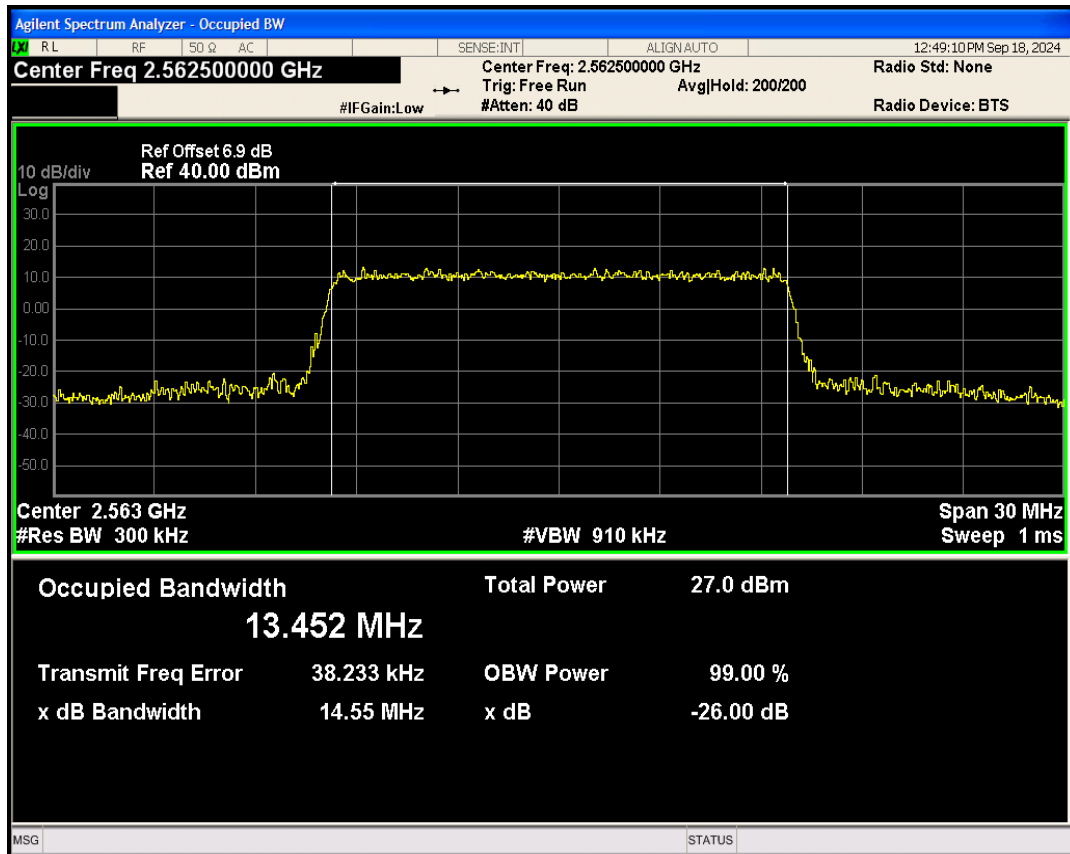
Band7 16QAM BW=15MHz Channel=21100 RB Size=75 Position=#0



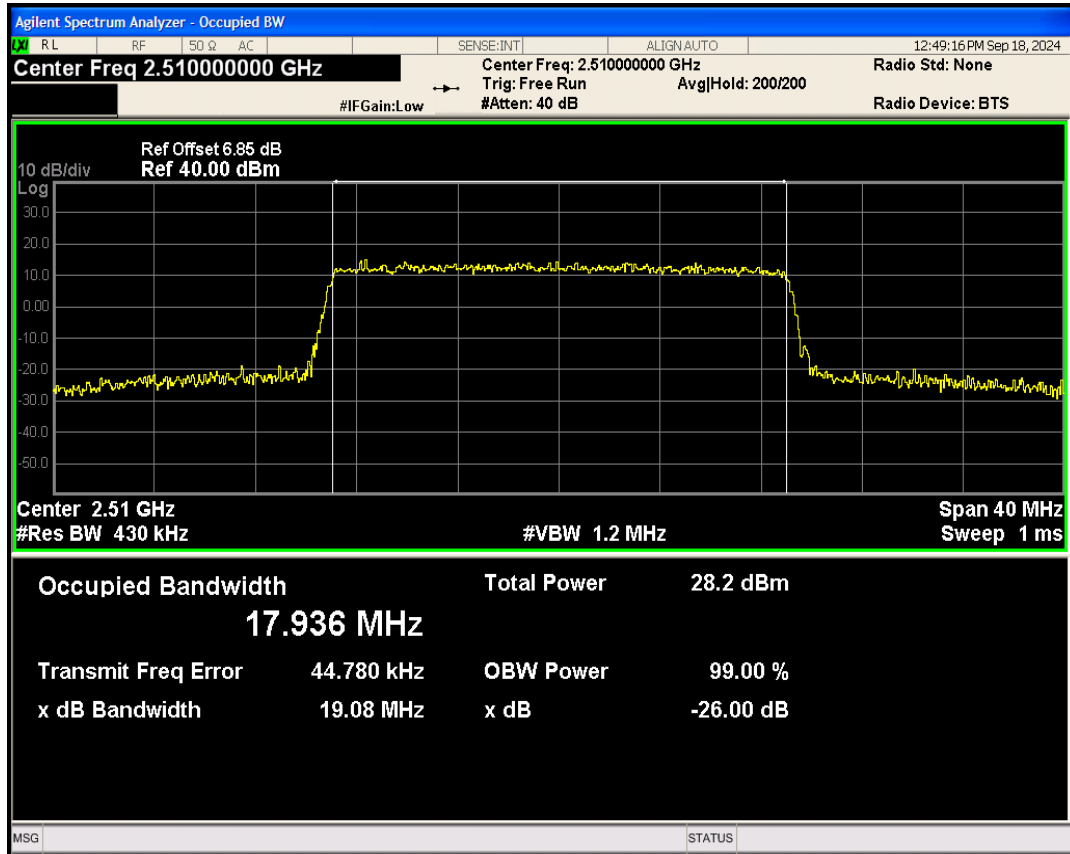
Band7 QPSK BW=15MHz Channel=21375 RB Size=75 Position=#0



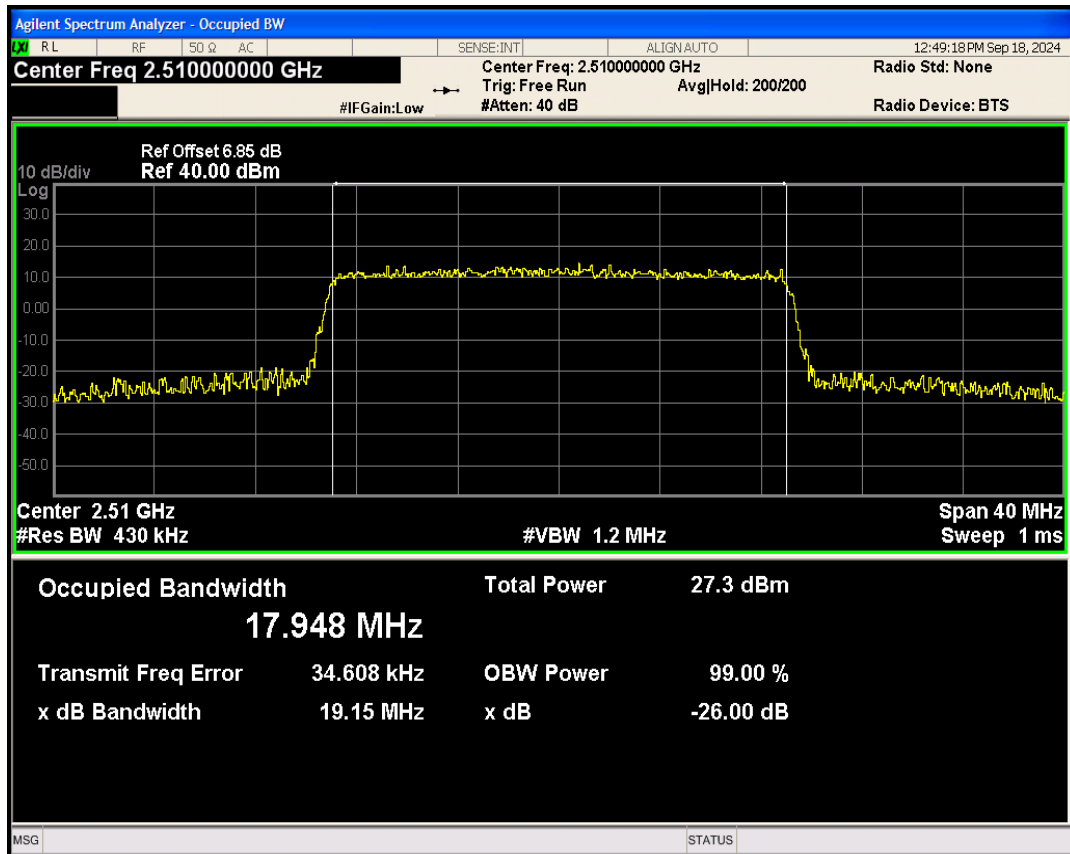
Band7 16QAM BW=15MHz Channel=21375 RB Size=75 Position=#0



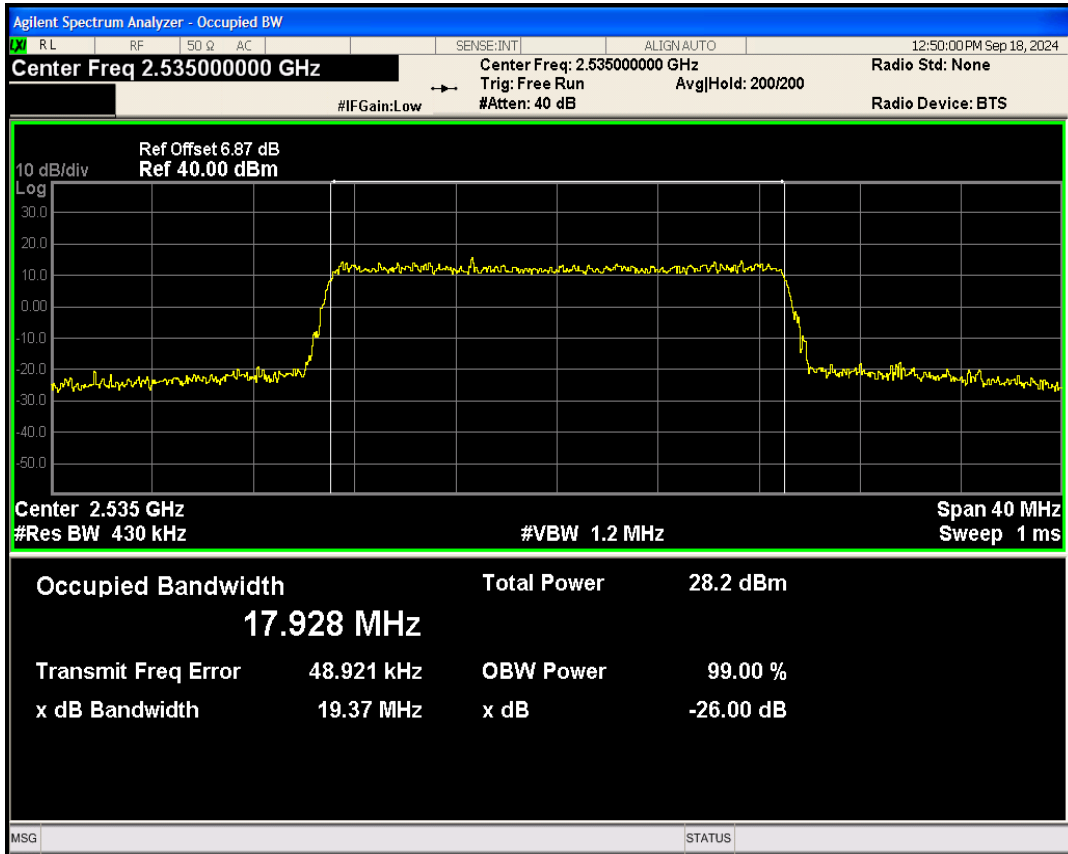
Band7 QPSK BW=20MHz Channel=20850 RB Size=100 Position=#0



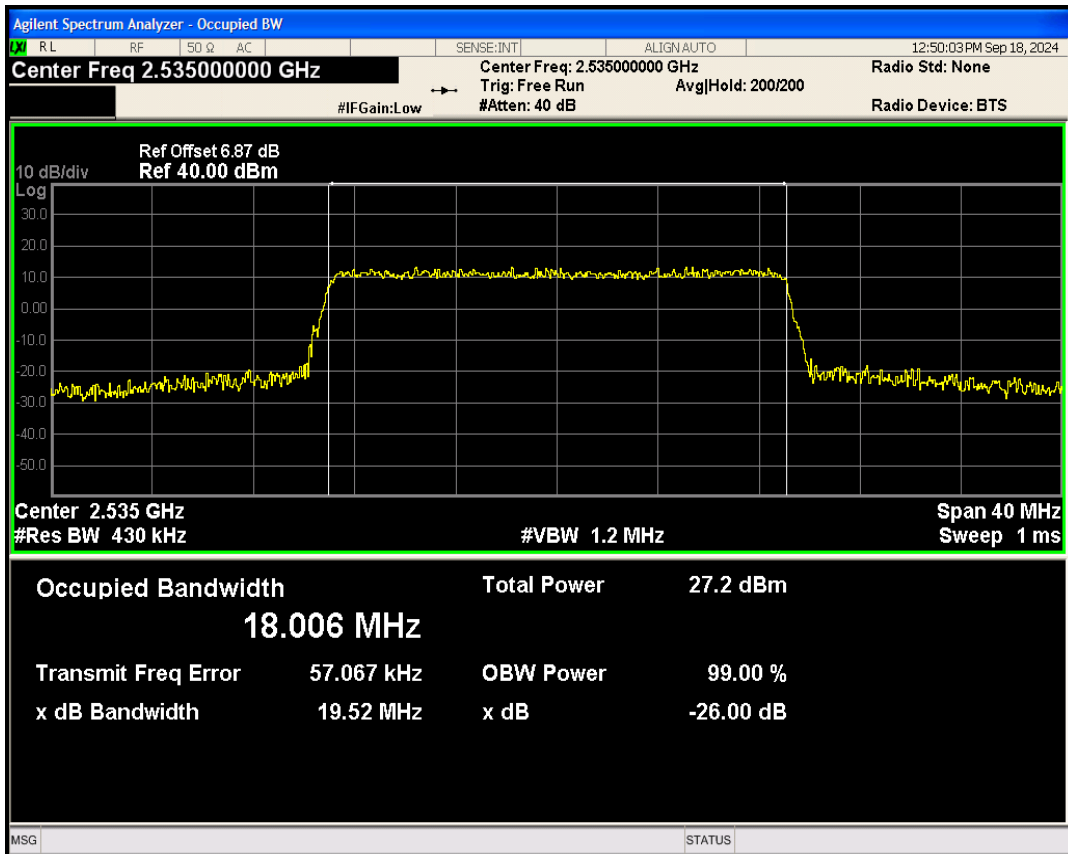
Band7 16QAM BW=20MHz Channel=20850 RB Size=100 Position=#0



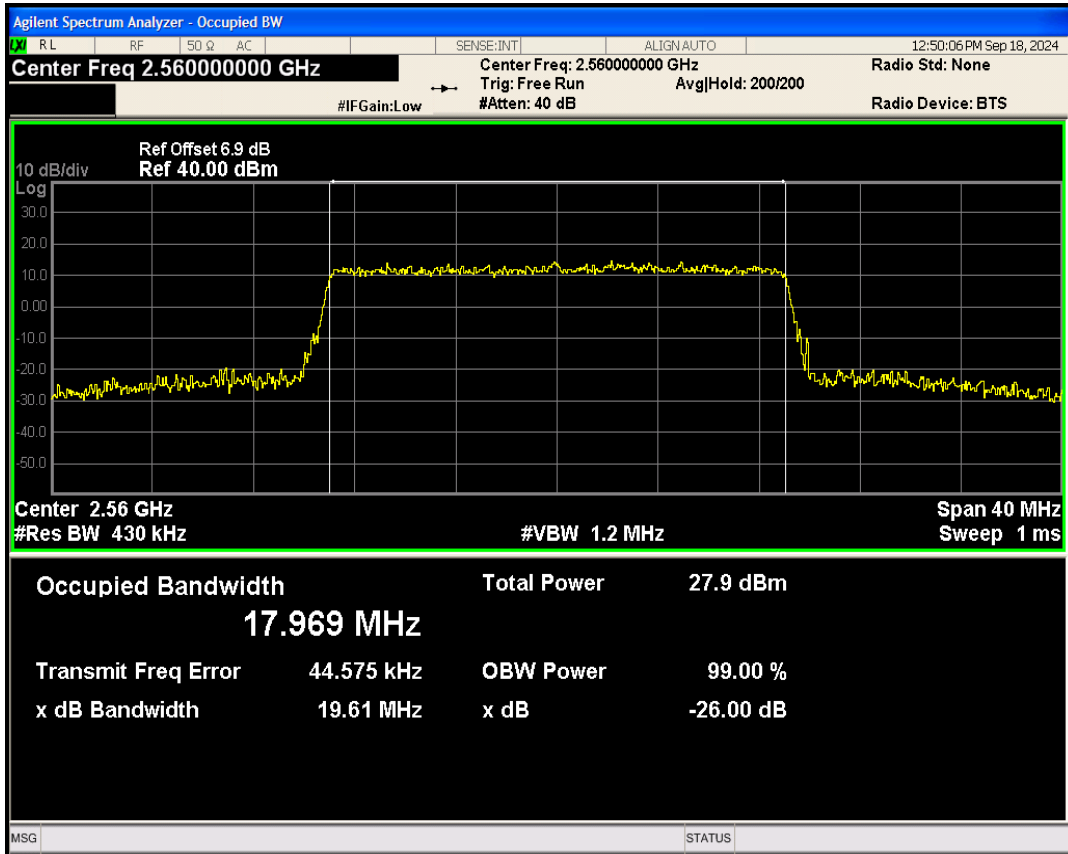
Band7 QPSK BW=20MHz Channel=21100 RB Size=100 Position=#0



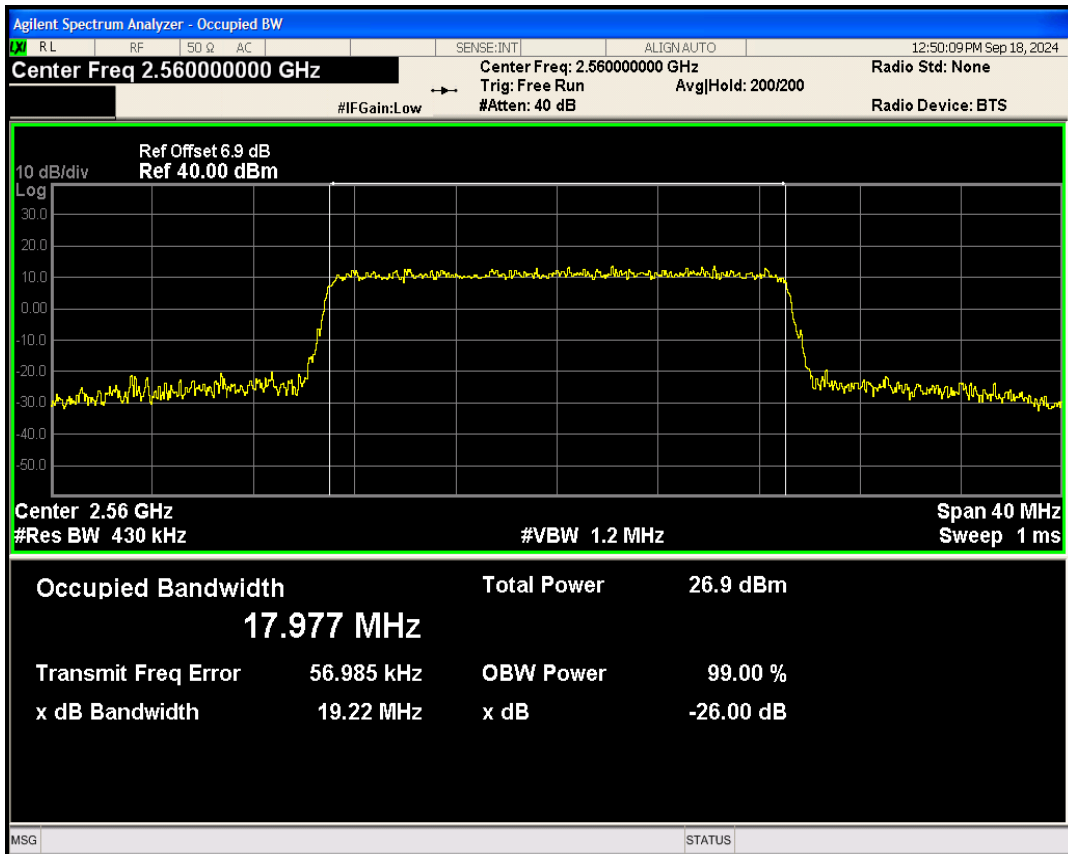
Band7 16QAM BW=20MHz Channel=21100 RB Size=100 Position=#0



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



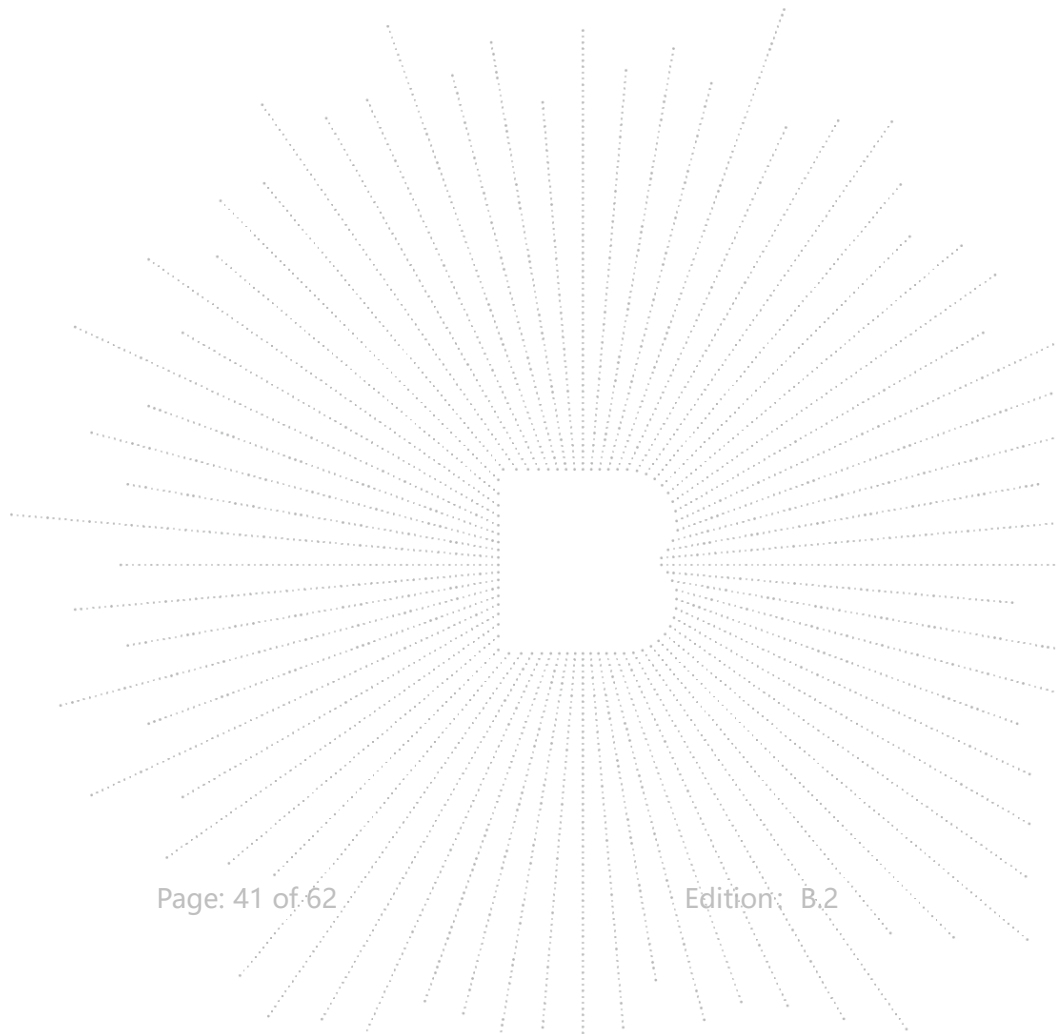
Band7 16QAM BW=20MHz Channel=21350 RB Size=100 Position=#0

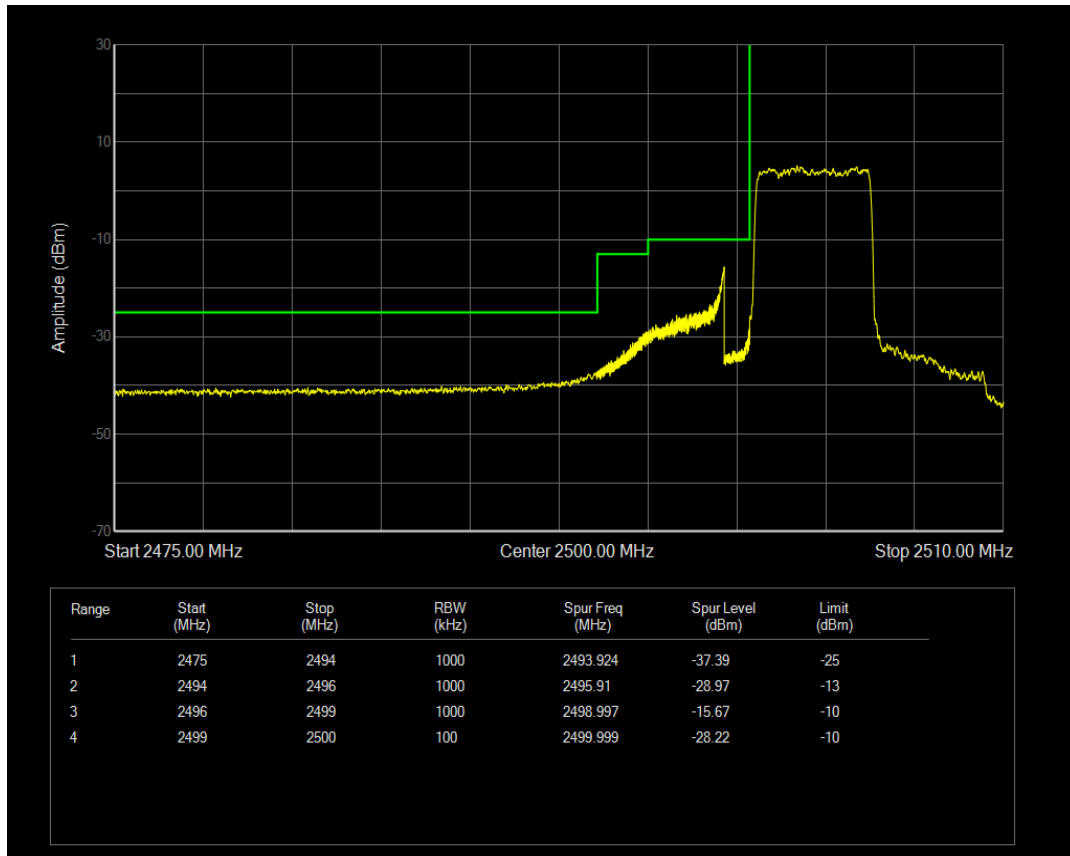


Appendix 5. Band edge

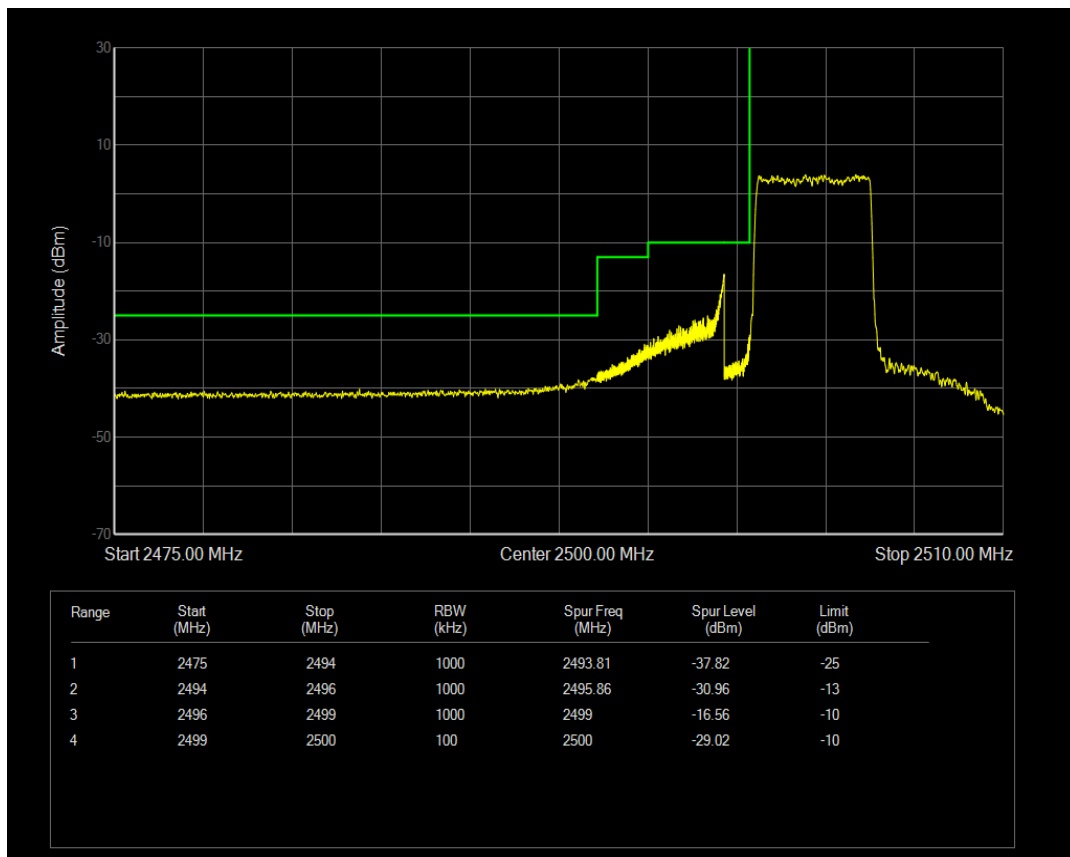
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band7	5	20775	25	#0	QPSK	2499.00	-15.67	-10	PASS
Band7	5	20775	25	#0	16QAM	2499.00	-16.56	-10	PASS
Band7	5	21425	25	#0	QPSK	2571.01	-15.24	-10	PASS
Band7	5	21425	25	#0	16QAM	2571.01	-16.30	-10	PASS
Band7	10	20800	50	#0	QPSK	2489.96	-37.18	-25	PASS
Band7	10	20800	50	#0	16QAM	2489.69	-37.30	-25	PASS
Band7	10	21400	50	#0	QPSK	2571.12	-23.03	-10	PASS
Band7	10	21400	50	#0	16QAM	2580.45	-38.46	-25	PASS
Band7	15	20825	75	#0	QPSK	2484.92	-37.57	-25	PASS
Band7	15	20825	75	#0	16QAM	2485.00	-38.10	-25	PASS
Band7	15	21375	75	#0	QPSK	2585.38	-39.32	-25	PASS
Band7	15	21375	75	#0	16QAM	2585.22	-39.45	-25	PASS
Band7	20	20850	100	#0	QPSK	2479.80	-39.35	-25	PASS
Band7	20	20850	100	#0	16QAM	2479.91	-39.42	-25	PASS
Band7	20	21350	100	#0	QPSK	2590.43	-39.81	-25	PASS
Band7	20	21350	100	#0	16QAM	2590.21	-39.79	-25	PASS

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

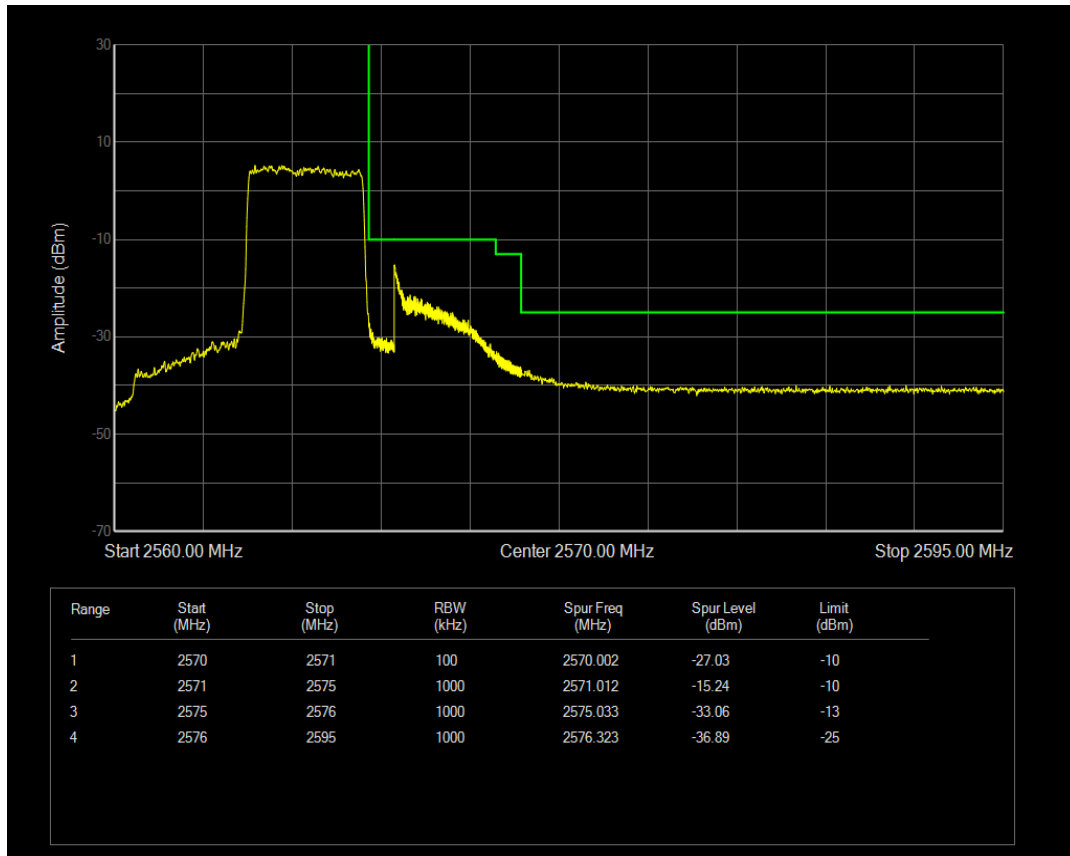




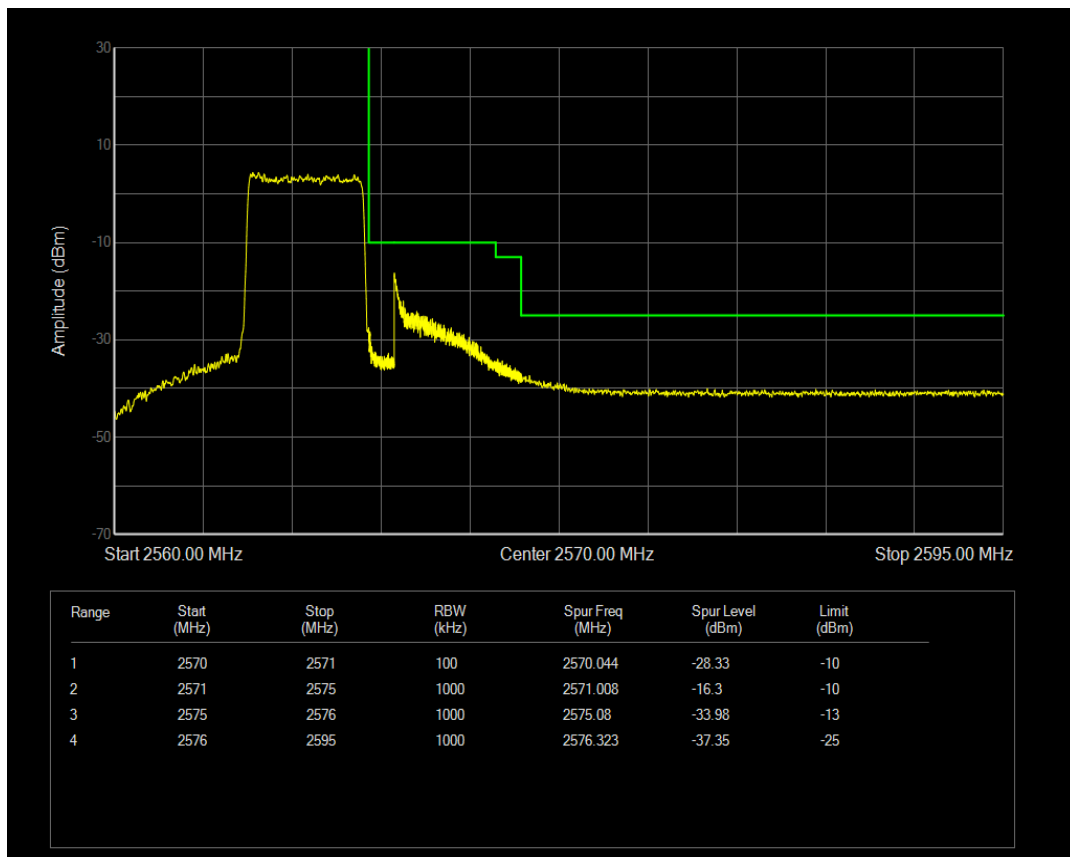
Band7 16QAM BW=5MHz Channel=20775 RB Size=25 Position=#0



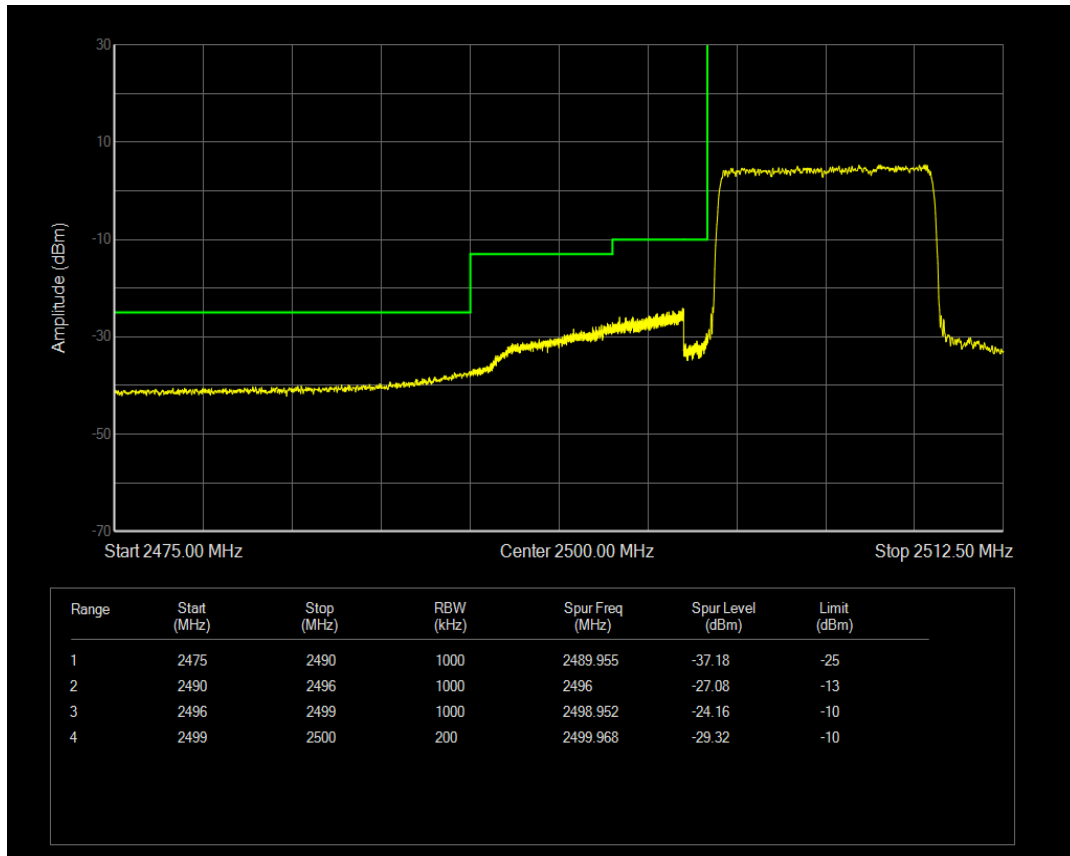
Band7 QPSK BW=5MHz Channel=21425 RB Size=25 Position=#0



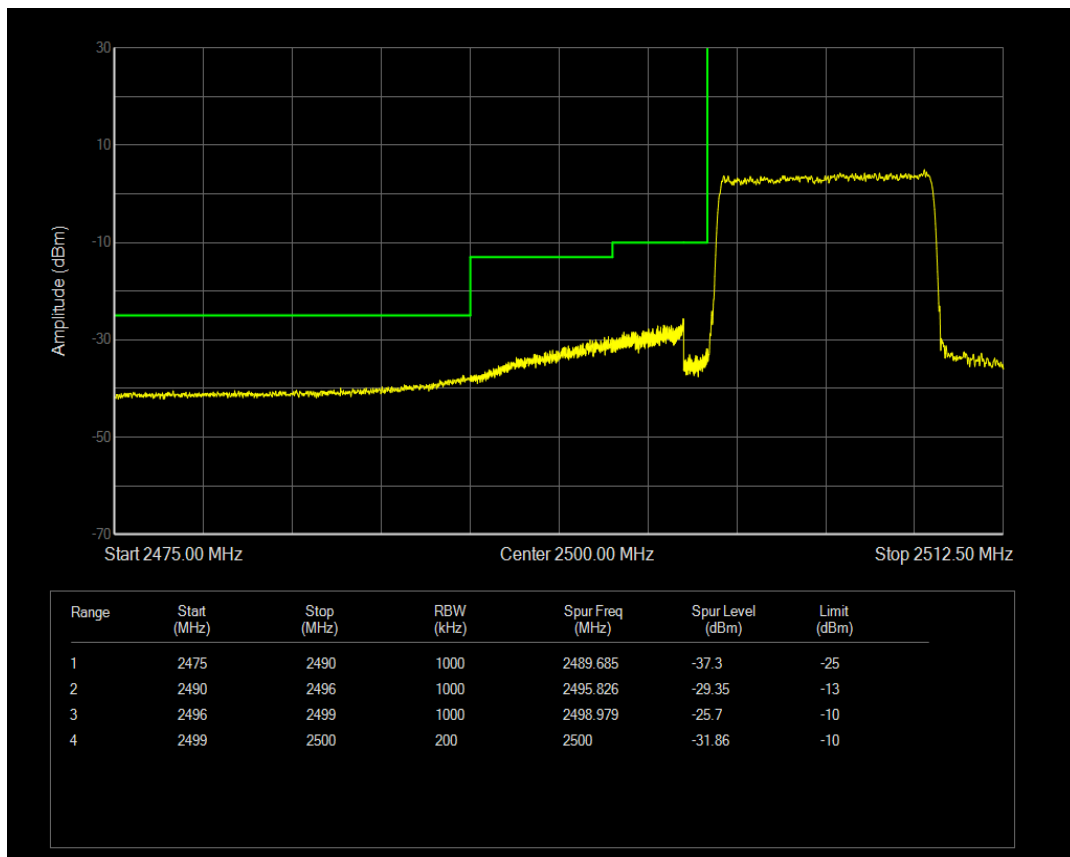
Band7 16QAM BW=5MHz Channel=21425 RB Size=25 Position=#0



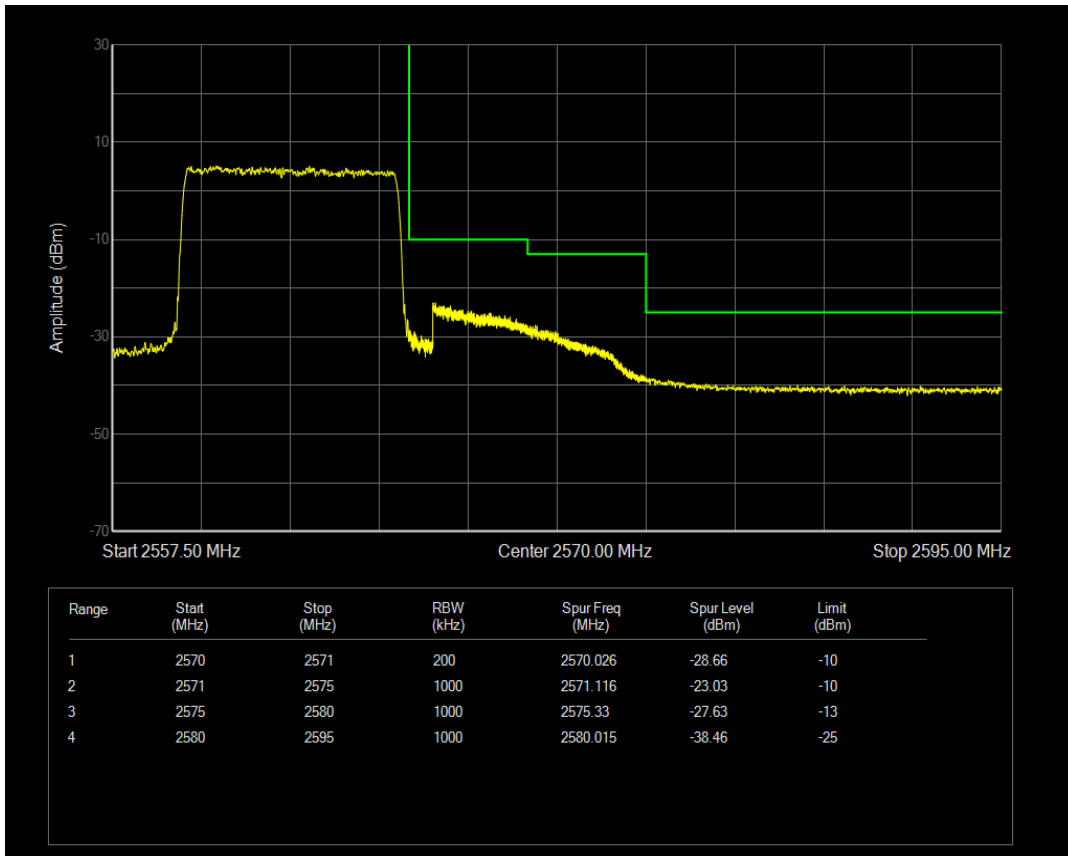
Band7 QPSK BW=10MHz Channel=20800 RB Size=50 Position=#0



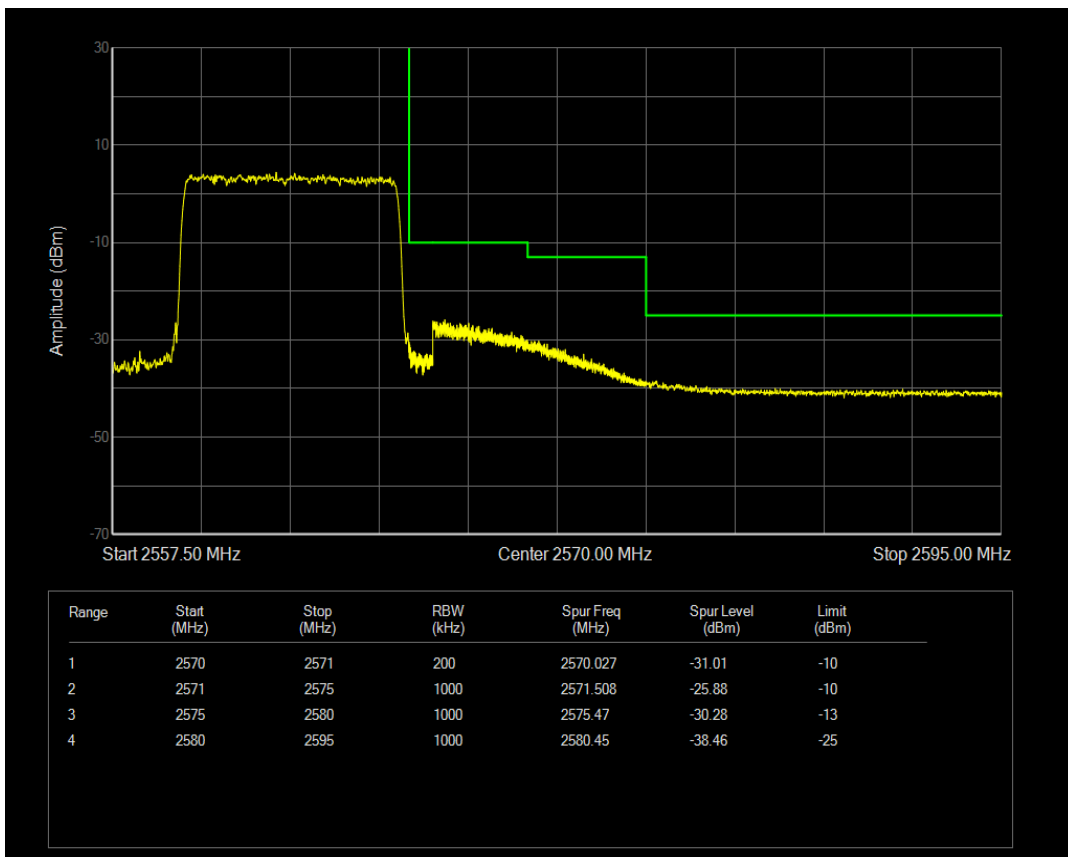
Band7 16QAM BW=10MHz Channel=20800 RB Size=50 Position=#0



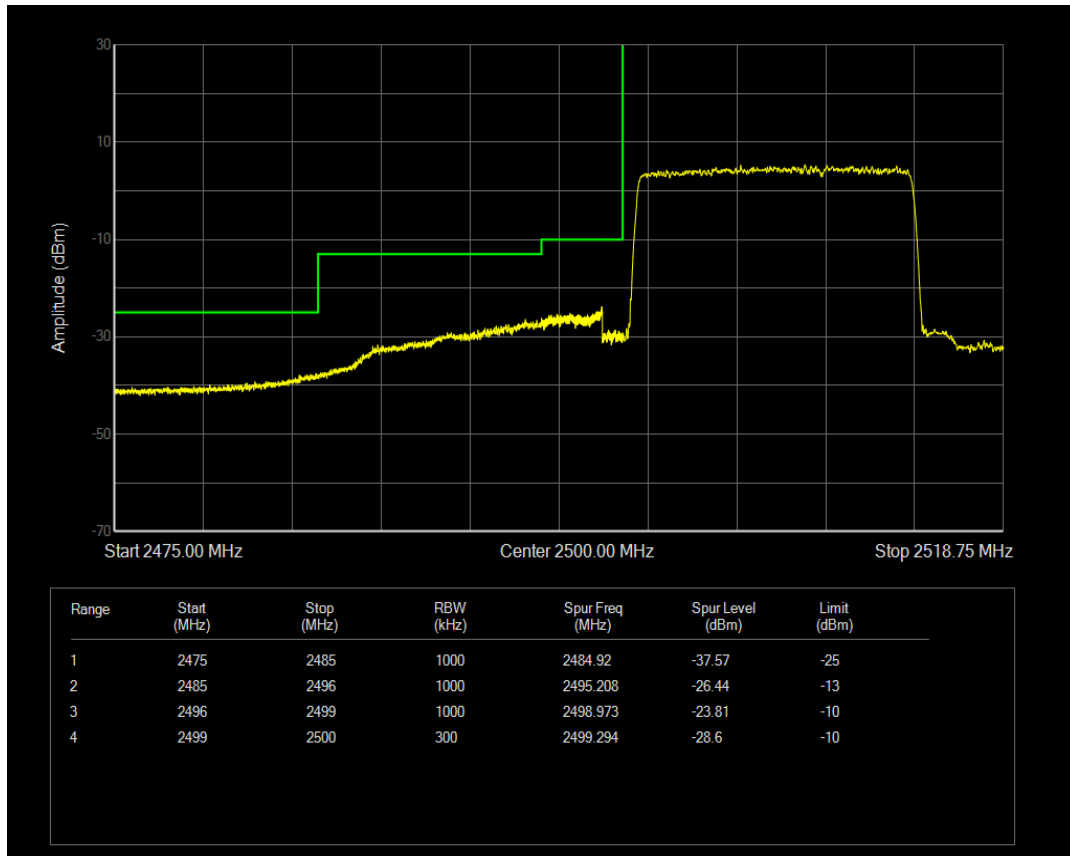
Band7 QPSK BW=10MHz Channel=21400 RB Size=50 Position=#0



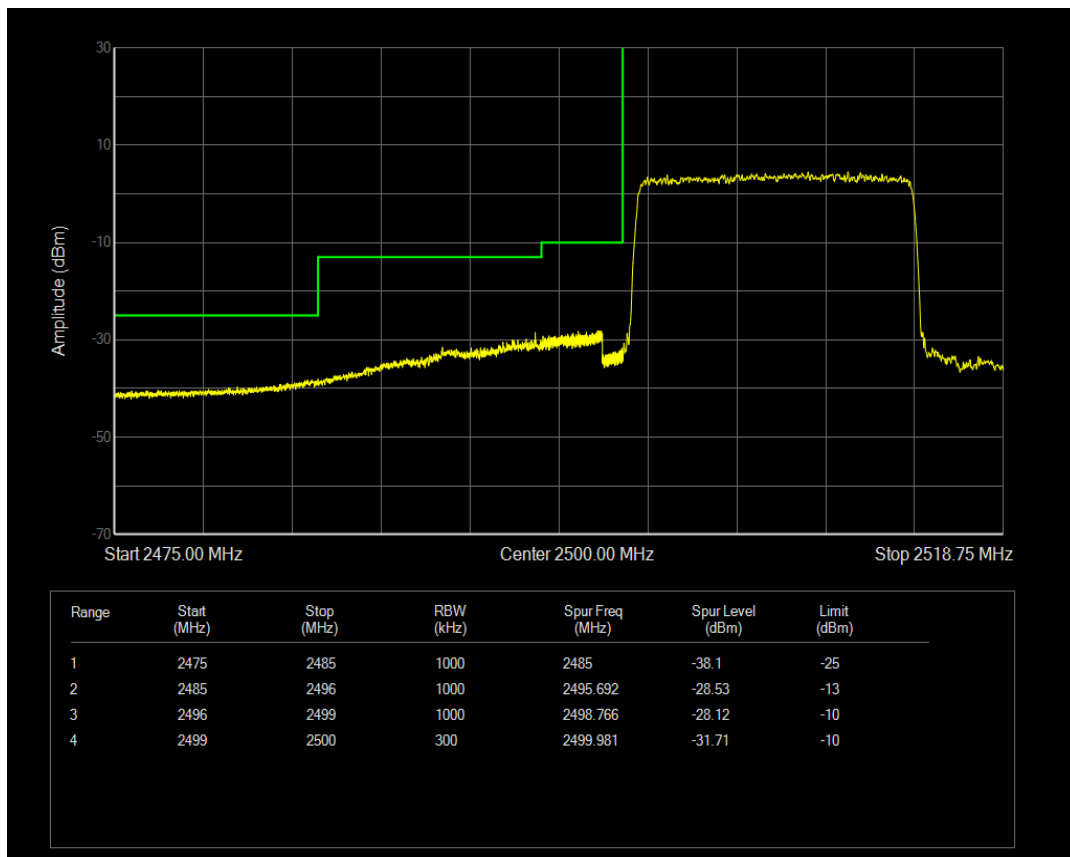
Band7 16QAM BW=10MHz Channel=21400 RB Size=50 Position=#0



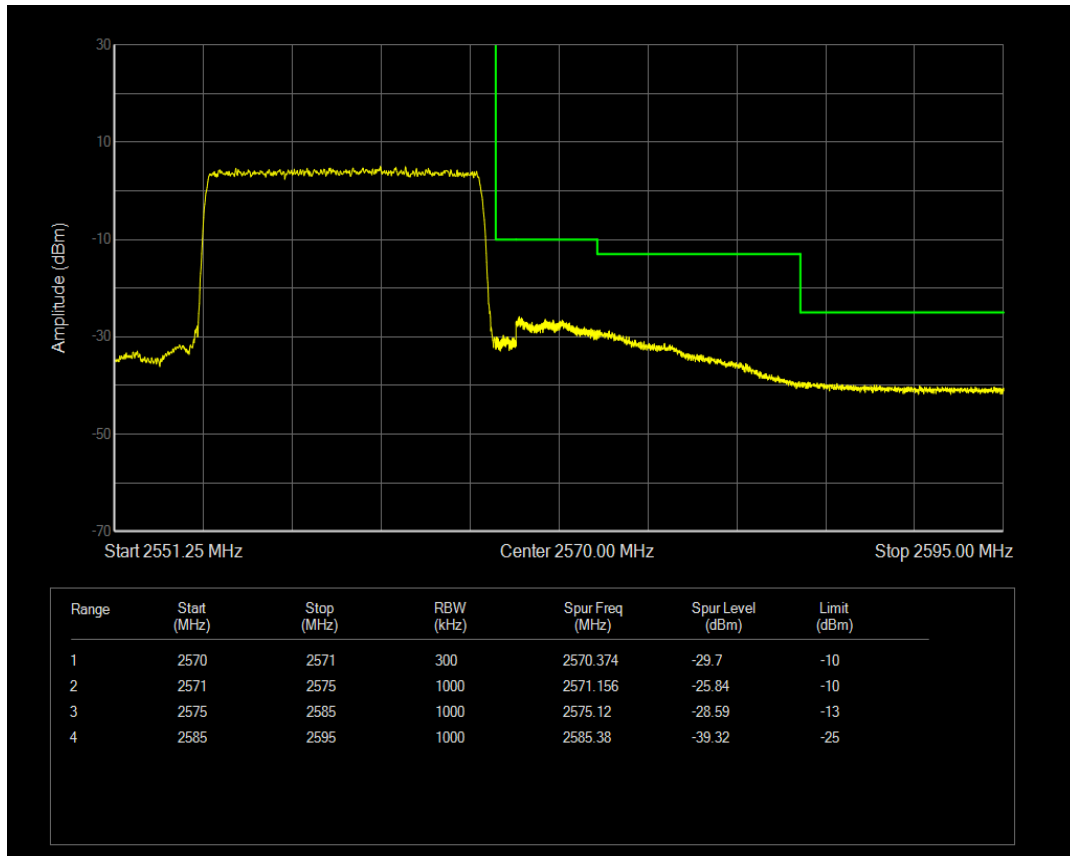
Band7 QPSK BW=15MHz Channel=20825 RB Size=75 Position=#0



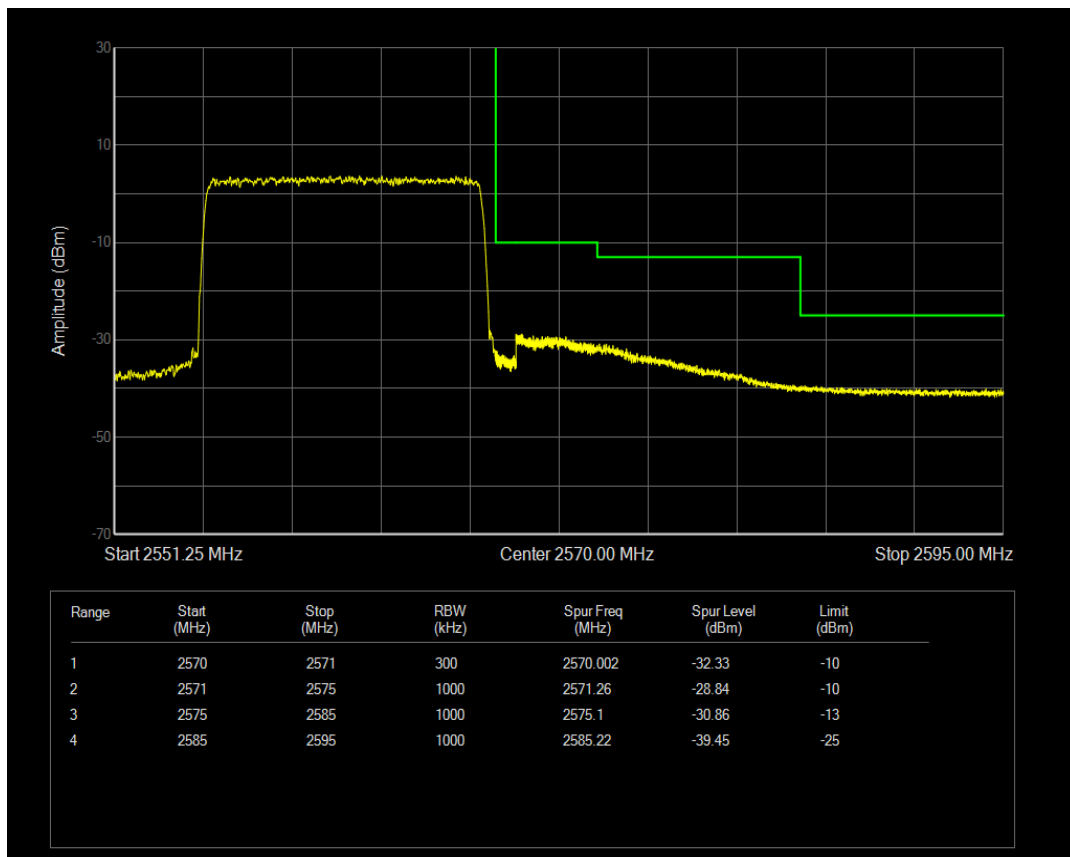
Band7 16QAM BW=15MHz Channel=20825 RB Size=75 Position=#0



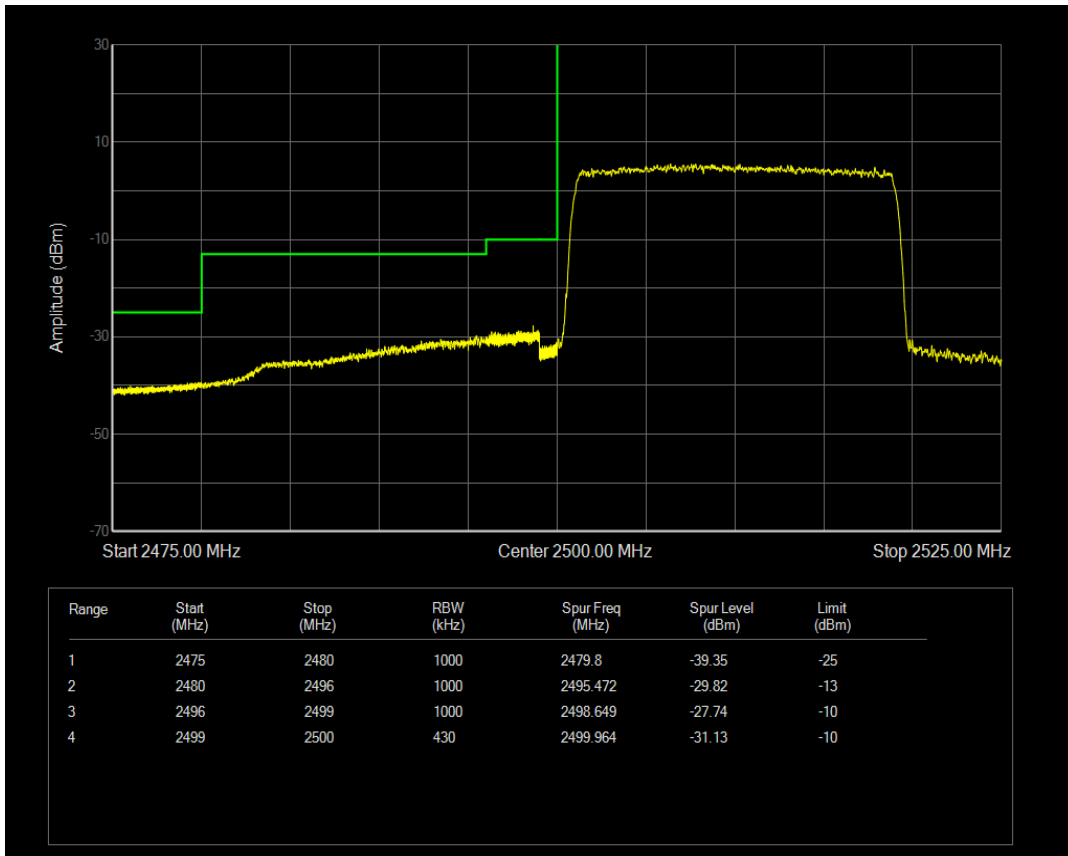
Band7 QPSK BW=15MHz Channel=21375 RB Size=75 Position=#0



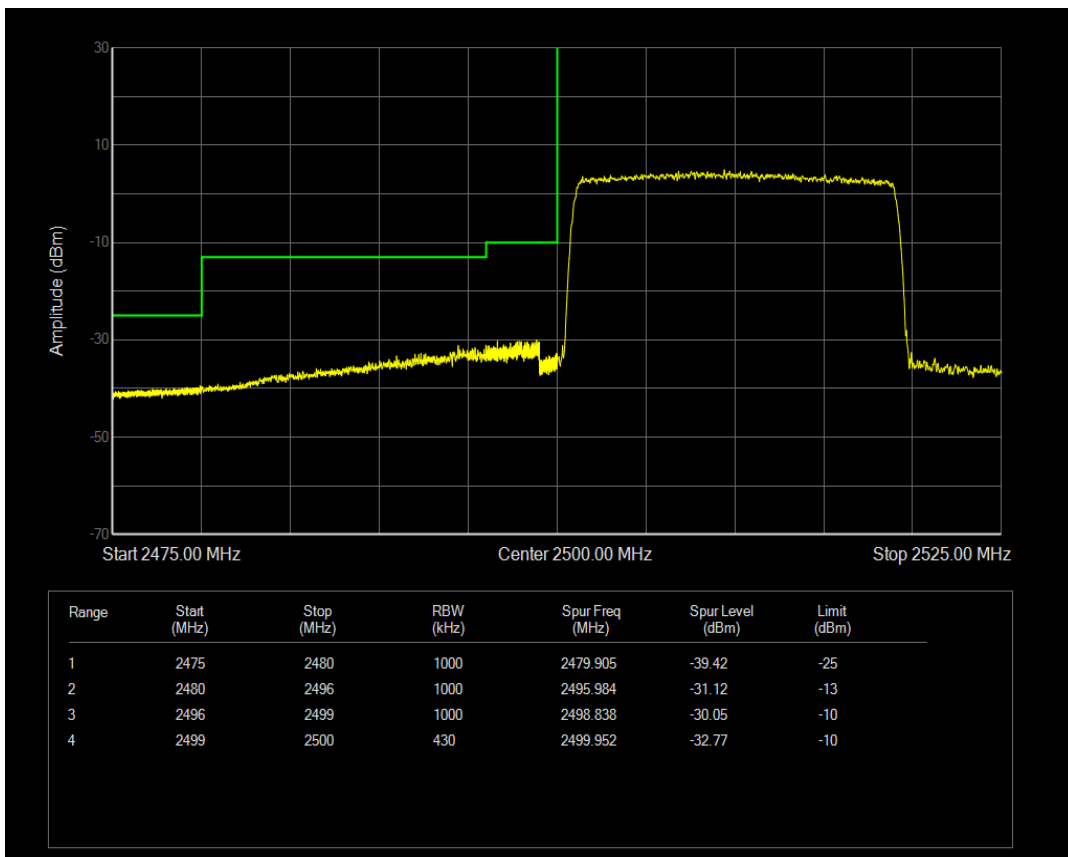
Band7 16QAM BW=15MHz Channel=21375 RB Size=75 Position=#0



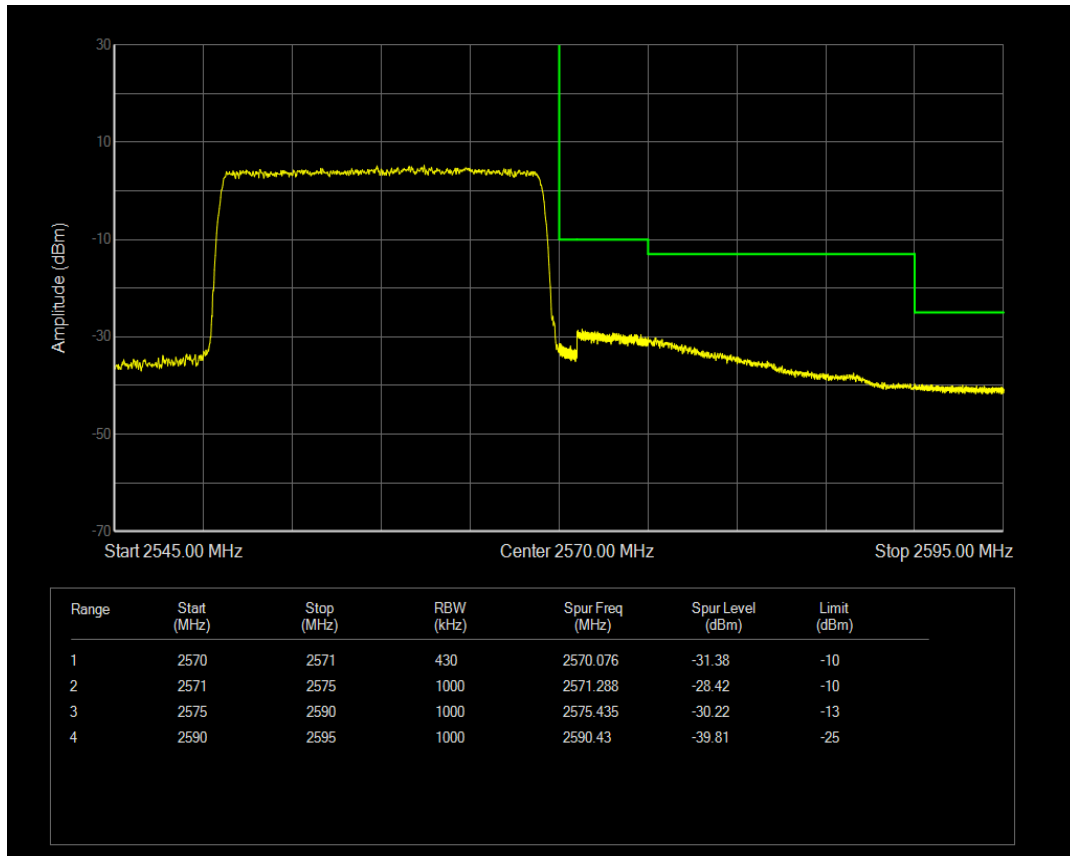
Band7 QPSK BW=20MHz Channel=20850 RB Size=100 Position=#0



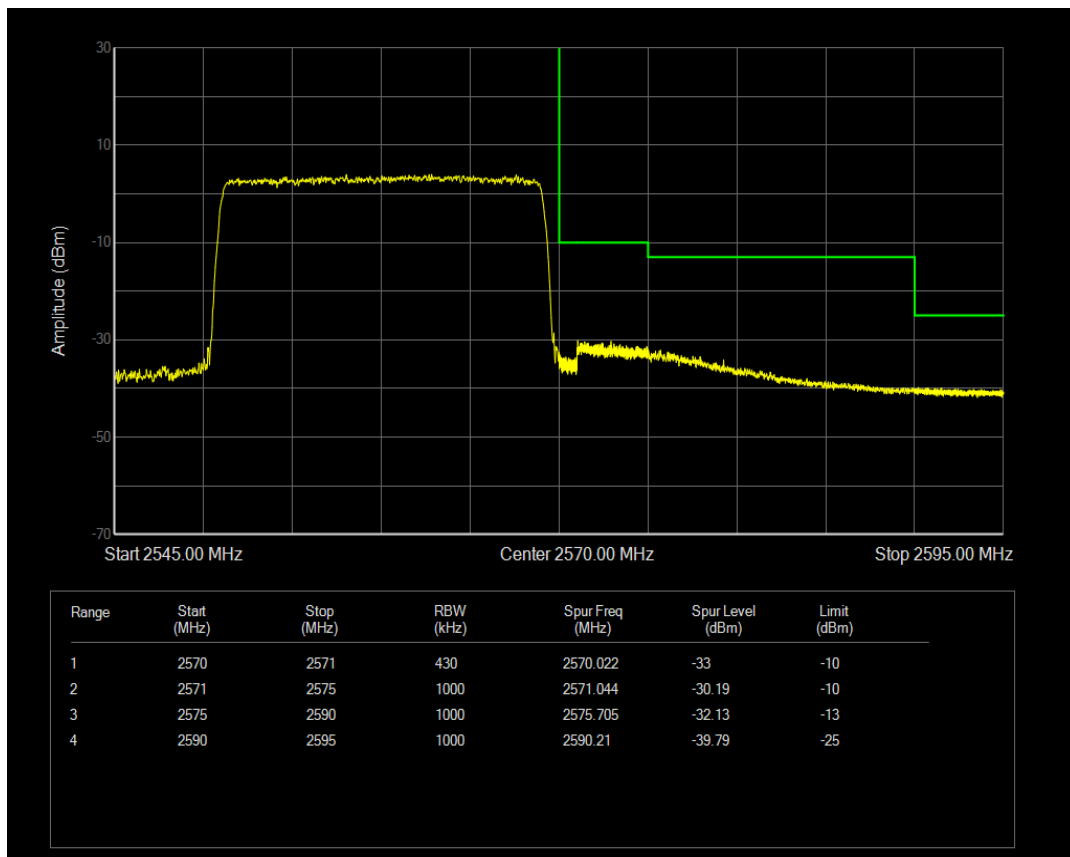
Band7 16QAM BW=20MHz Channel=20850 RB Size=100 Position=#0



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



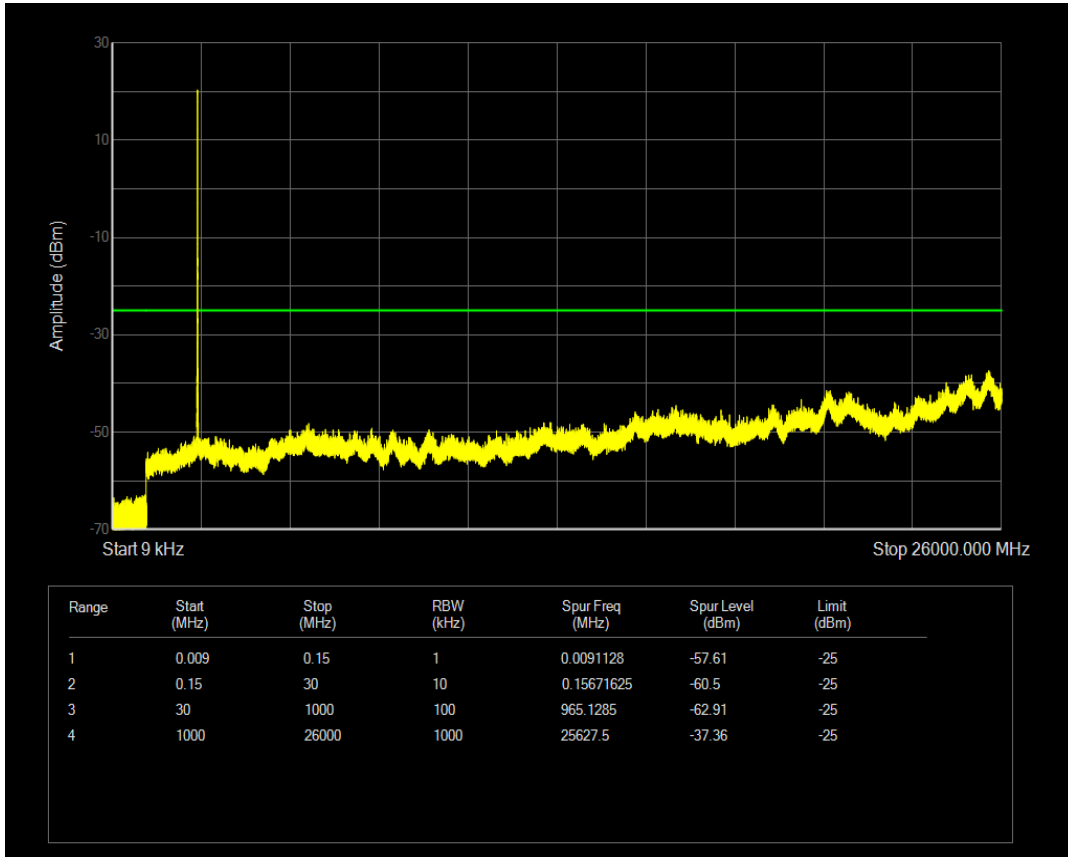
Band7 16QAM BW=20MHz Channel=21350 RB Size=100 Position=#0



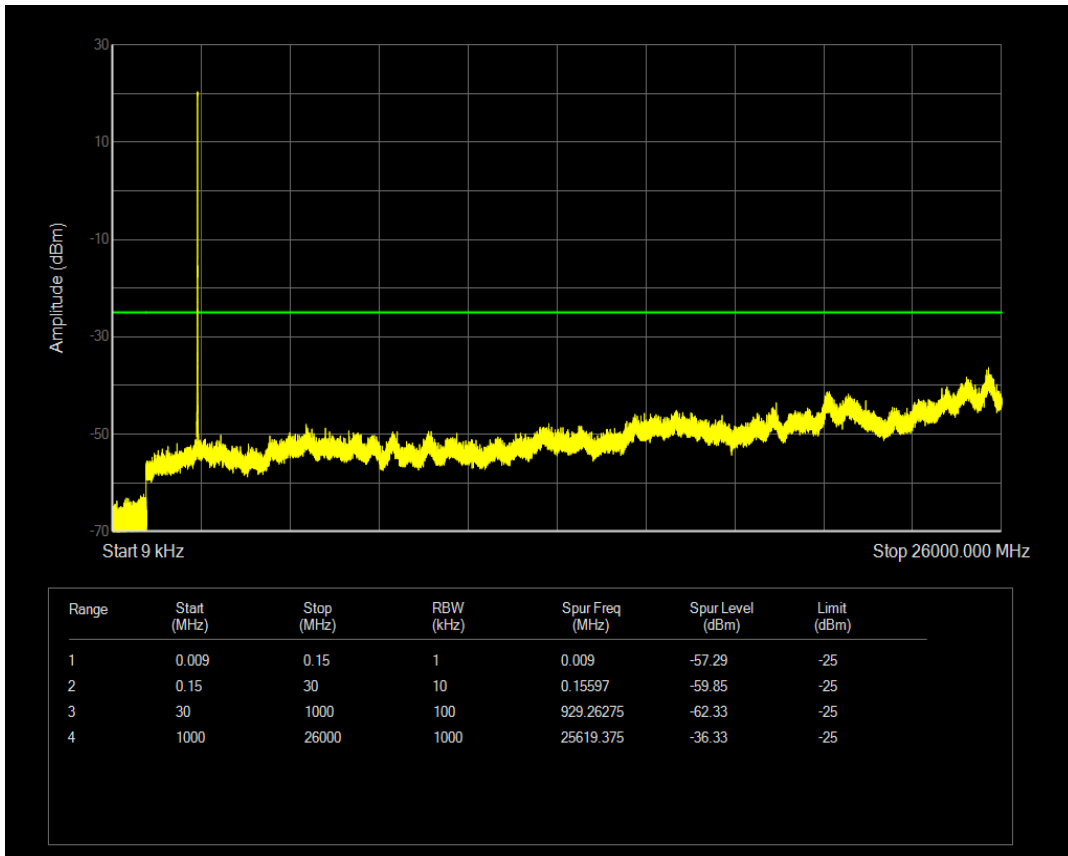
Appendix 6. Out-of-band emissions

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	25627.50	-37.36	-25	PASS
Band7	5	20775	25	#0	16QAM	25619.38	-36.33	-25	PASS
Band7	5	21100	25	#0	QPSK	25682.50	-36.40	-25	PASS
Band7	5	21100	25	#0	16QAM	25660.00	-36.49	-25	PASS
Band7	5	21425	25	#0	QPSK	25571.88	-36.50	-25	PASS
Band7	5	21425	25	#0	16QAM	25638.13	-37.03	-25	PASS
Band7	10	20800	50	#0	QPSK	25625.63	-36.51	-25	PASS
Band7	10	20800	50	#0	16QAM	25628.75	-36.38	-25	PASS
Band7	10	21100	50	#0	QPSK	25658.13	-37.19	-25	PASS
Band7	10	21100	50	#0	16QAM	25615.63	-36.70	-25	PASS
Band7	10	21400	50	#0	QPSK	25609.38	-36.43	-25	PASS
Band7	10	21400	50	#0	16QAM	25627.50	-36.28	-25	PASS
Band7	15	20825	75	#0	QPSK	25691.88	-36.75	-25	PASS
Band7	15	20825	75	#0	16QAM	25663.13	-36.81	-25	PASS
Band7	15	21100	75	#0	QPSK	25597.50	-36.61	-25	PASS
Band7	15	21100	75	#0	16QAM	25625.63	-37.49	-25	PASS
Band7	15	21375	75	#0	QPSK	25703.75	-37.04	-25	PASS
Band7	15	21375	75	#0	16QAM	25621.88	-36.81	-25	PASS
Band7	20	20850	100	#0	QPSK	25621.25	-37.19	-25	PASS
Band7	20	20850	100	#0	16QAM	25638.13	-37.01	-25	PASS
Band7	20	21100	100	#0	QPSK	25626.88	-36.89	-25	PASS
Band7	20	21100	100	#0	16QAM	25585.63	-37.14	-25	PASS
Band7	20	21350	100	#0	QPSK	25642.50	-36.78	-25	PASS
Band7	20	21350	100	#0	16QAM	25587.50	-37.04	-25	PASS

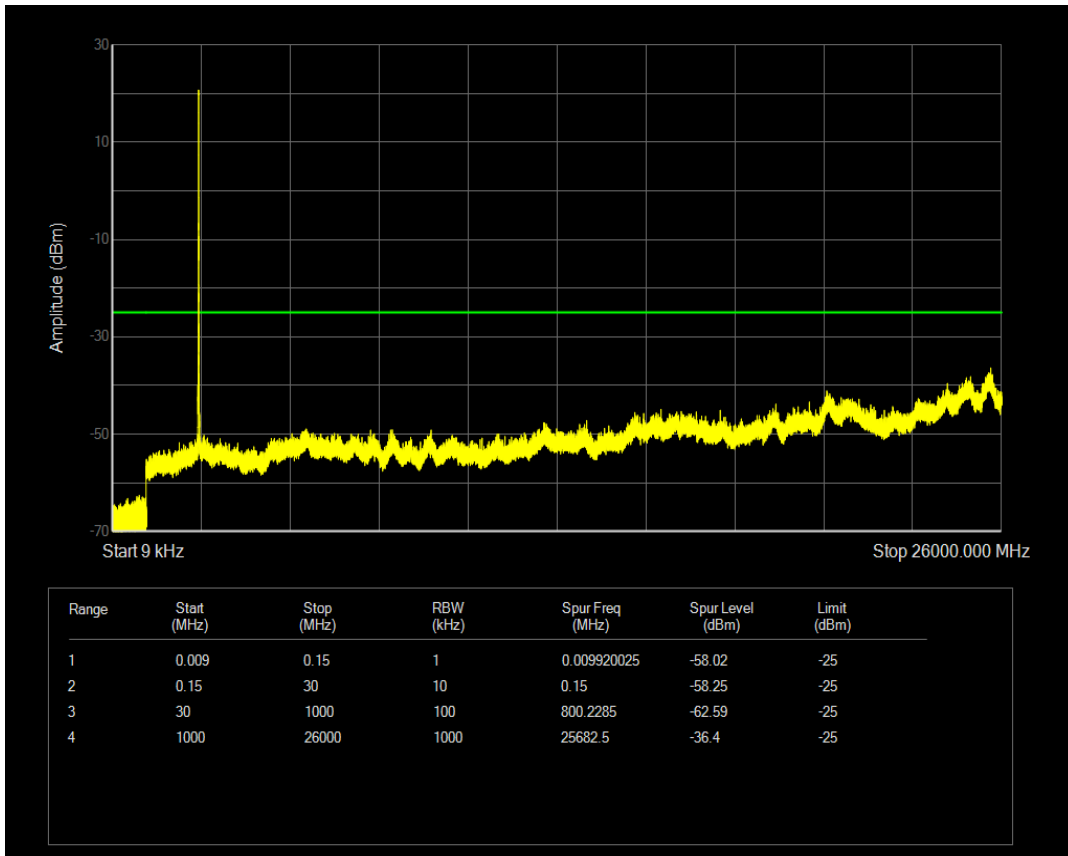
Band7 QPSK BW=5MHz Channel=20775 RB Size=25 Position=#0



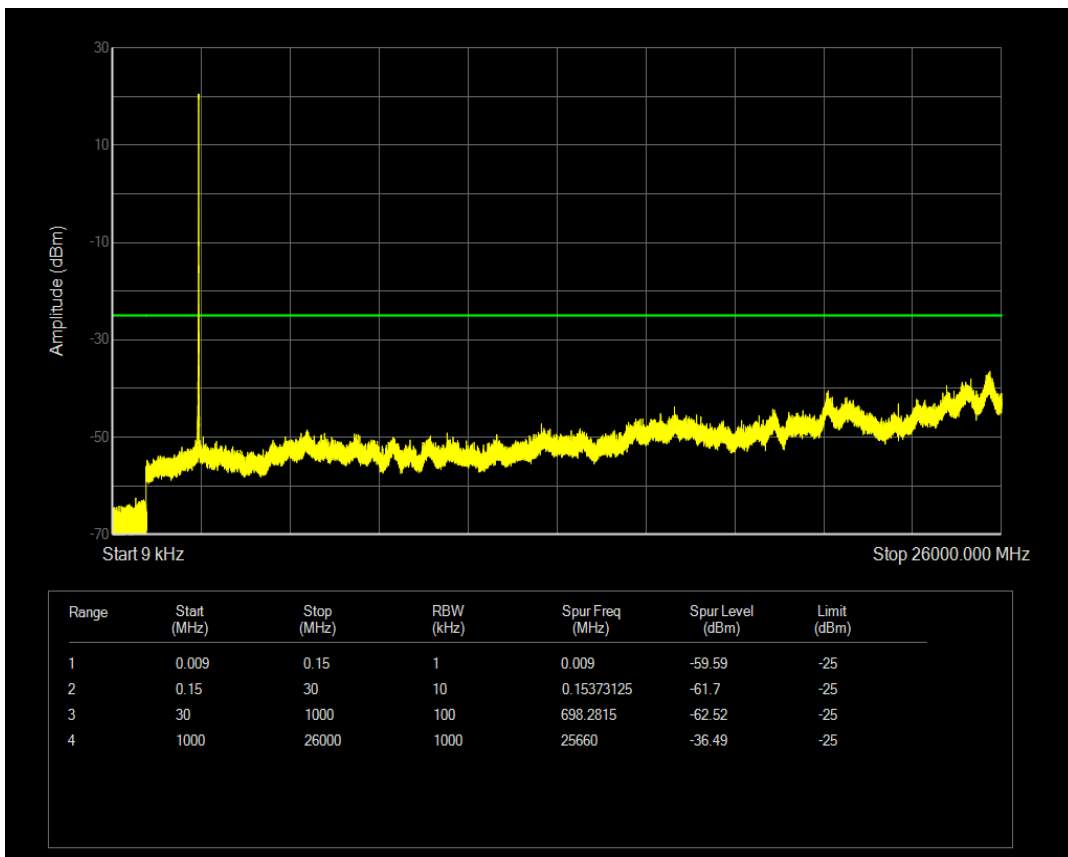
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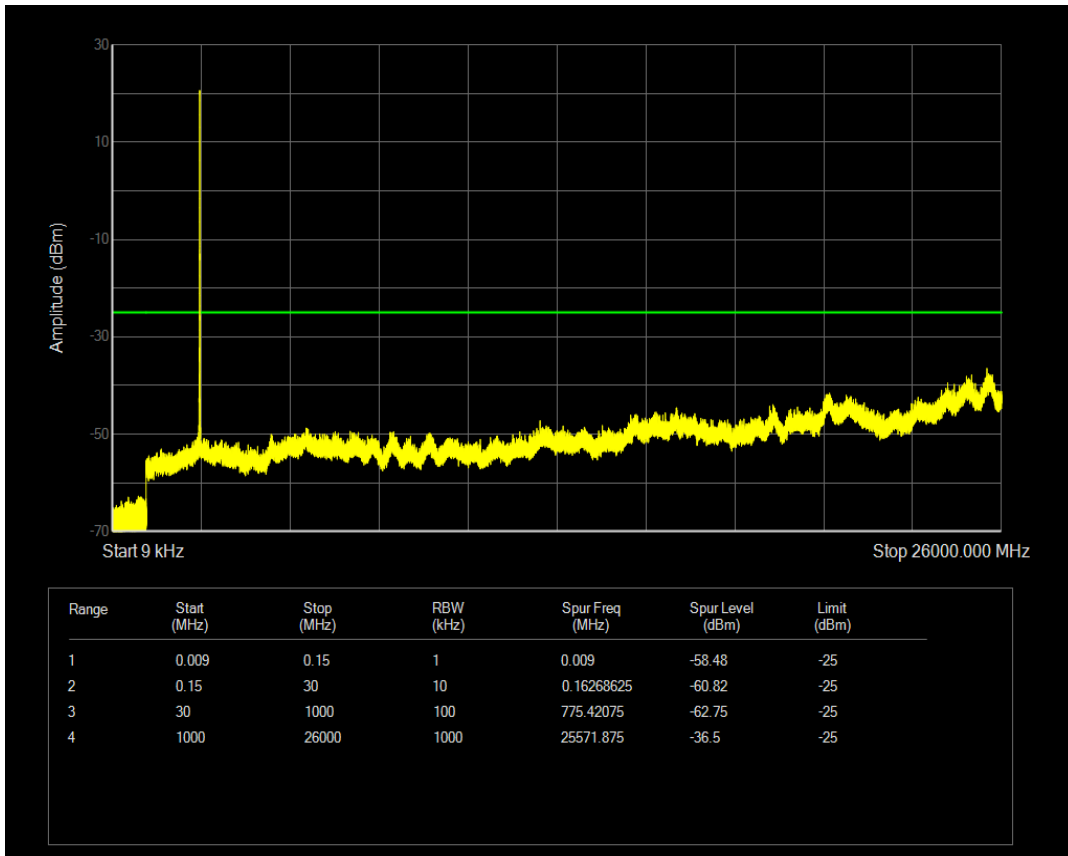
Band7 QPSK BW=5MHz Channel=21100 RB Size=25 Position=#0



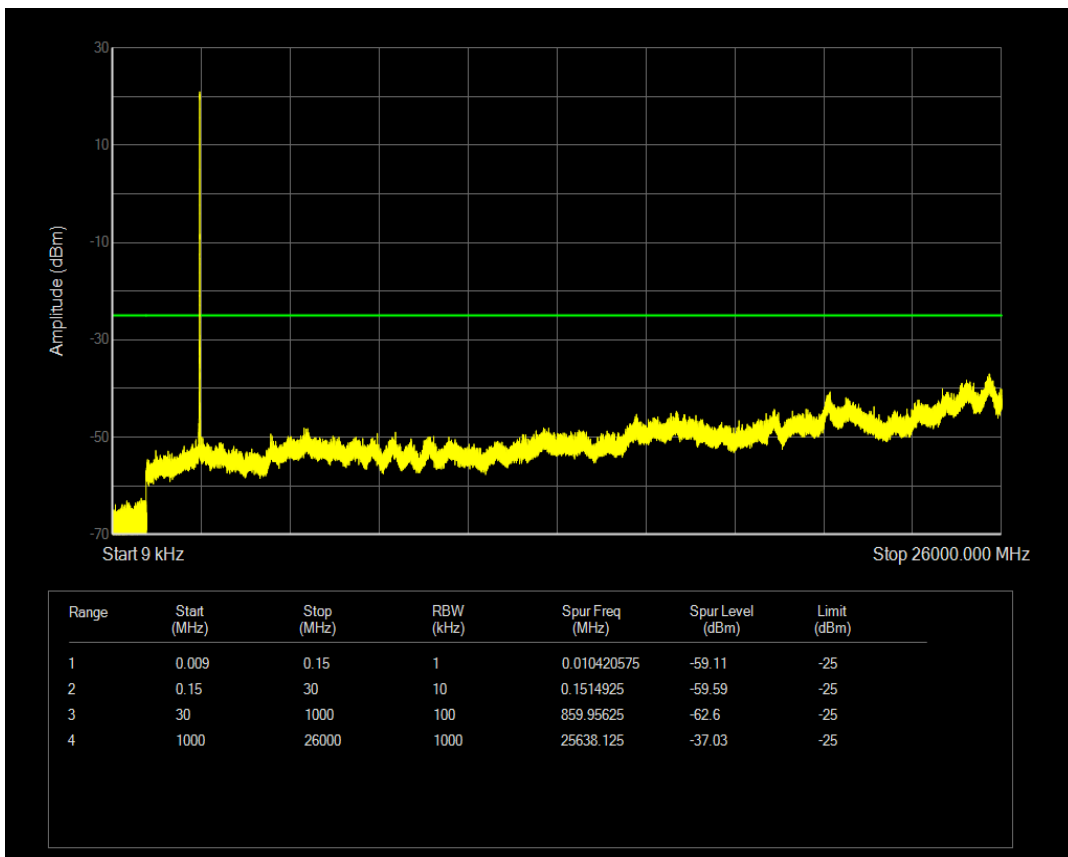
Band7 16QAM BW=5MHz Channel=21100 RB Size=25 Position=#0



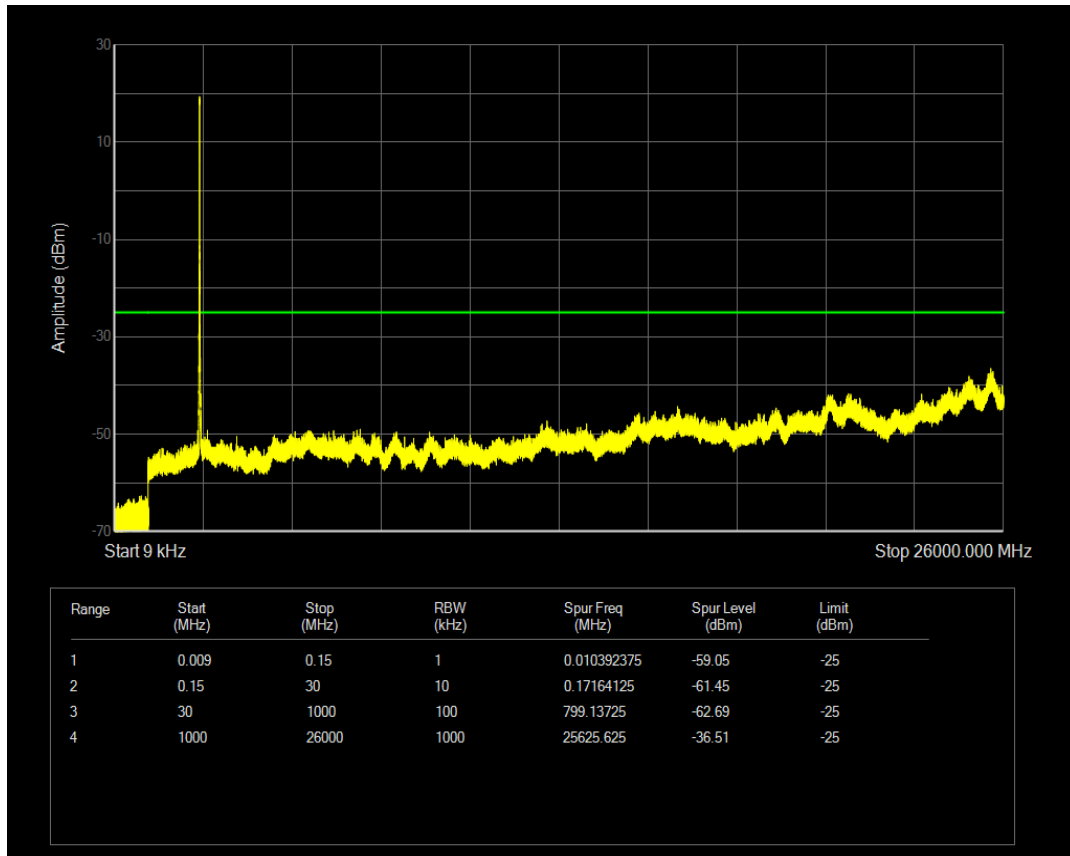
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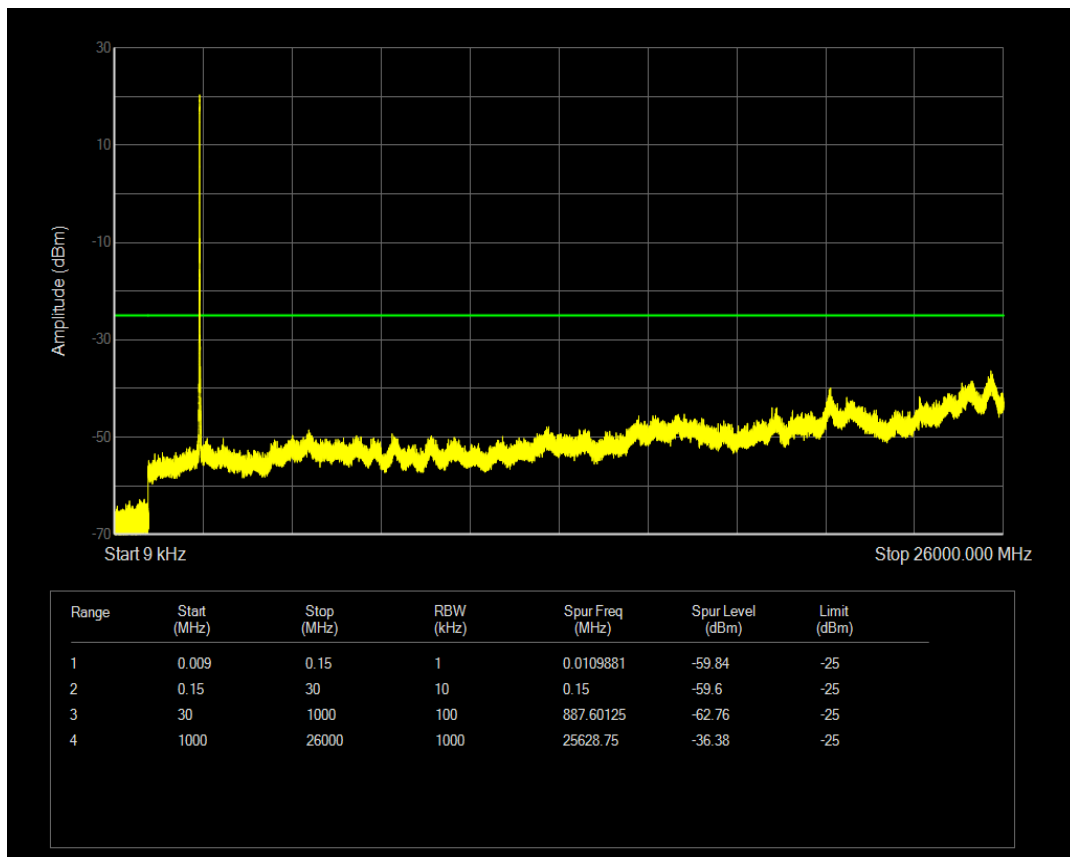
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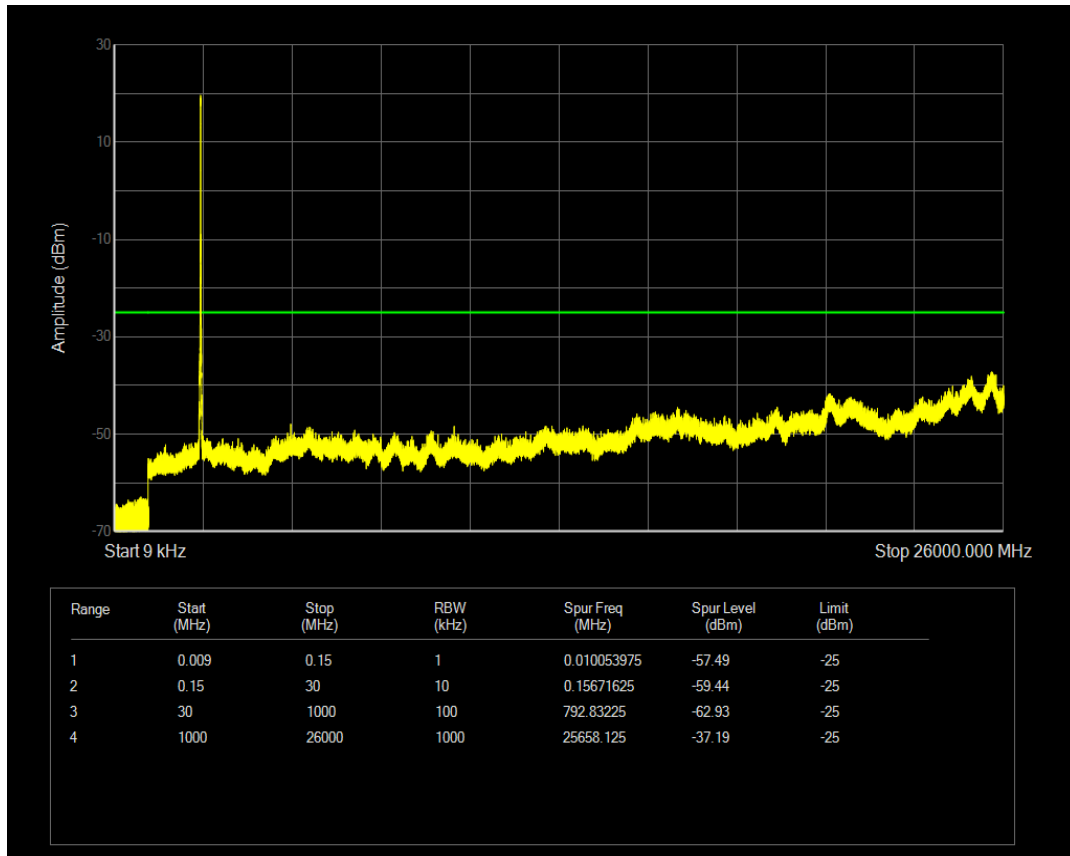
Band7 QPSK BW=10MHz Channel=20800 RB Size=50 Position=#0



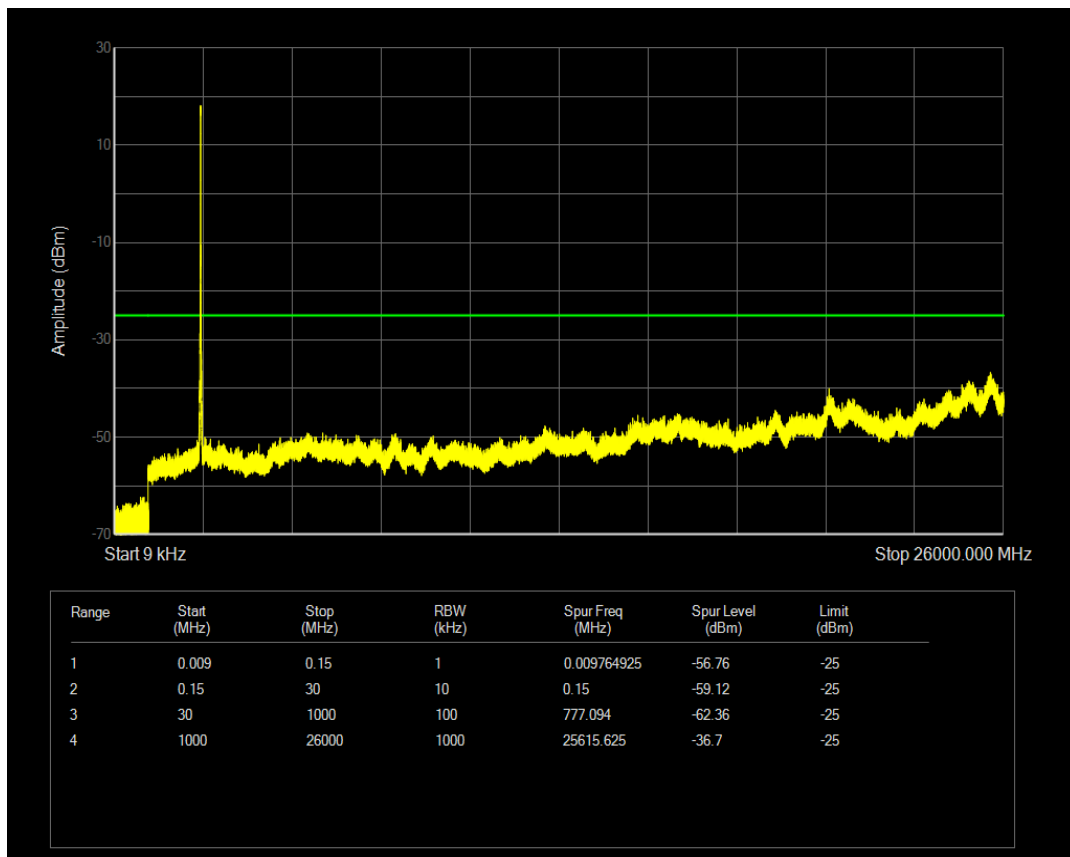
Band7 16QAM BW=10MHz Channel=20800 RB Size=50 Position=#0



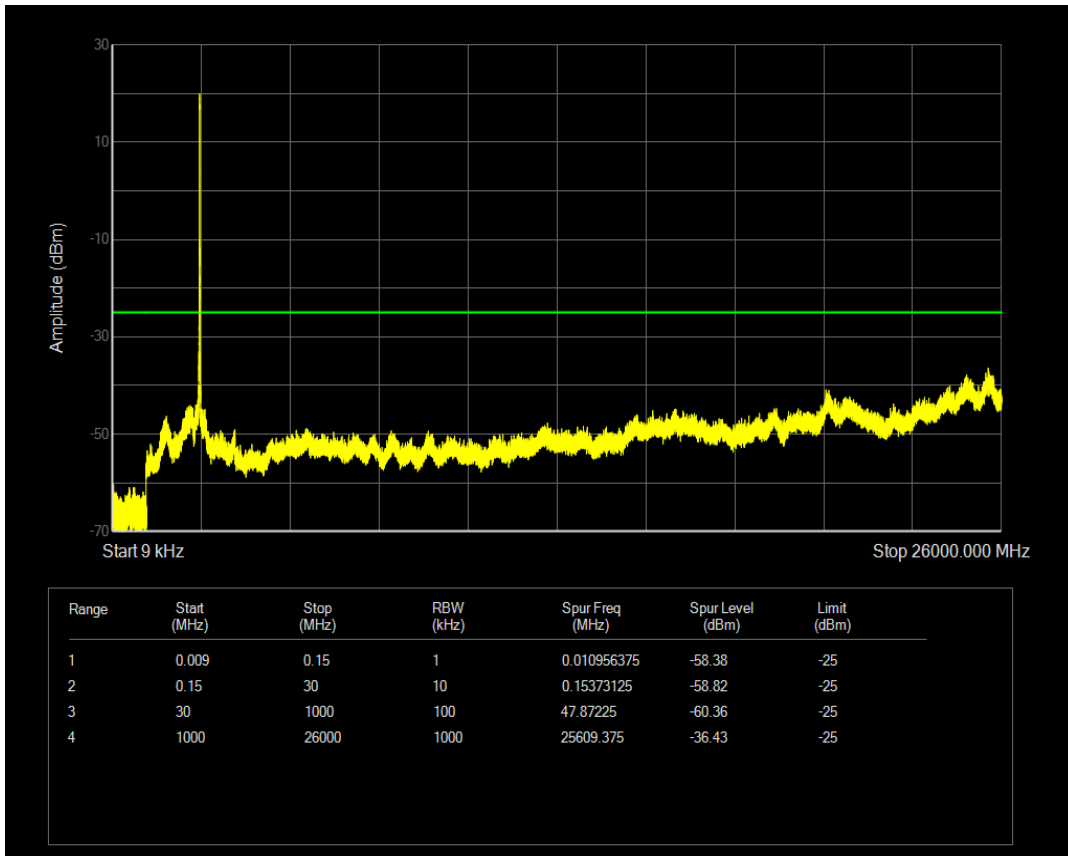
Band7 QPSK BW=10MHz Channel=21100 RB Size=50 Position=#0



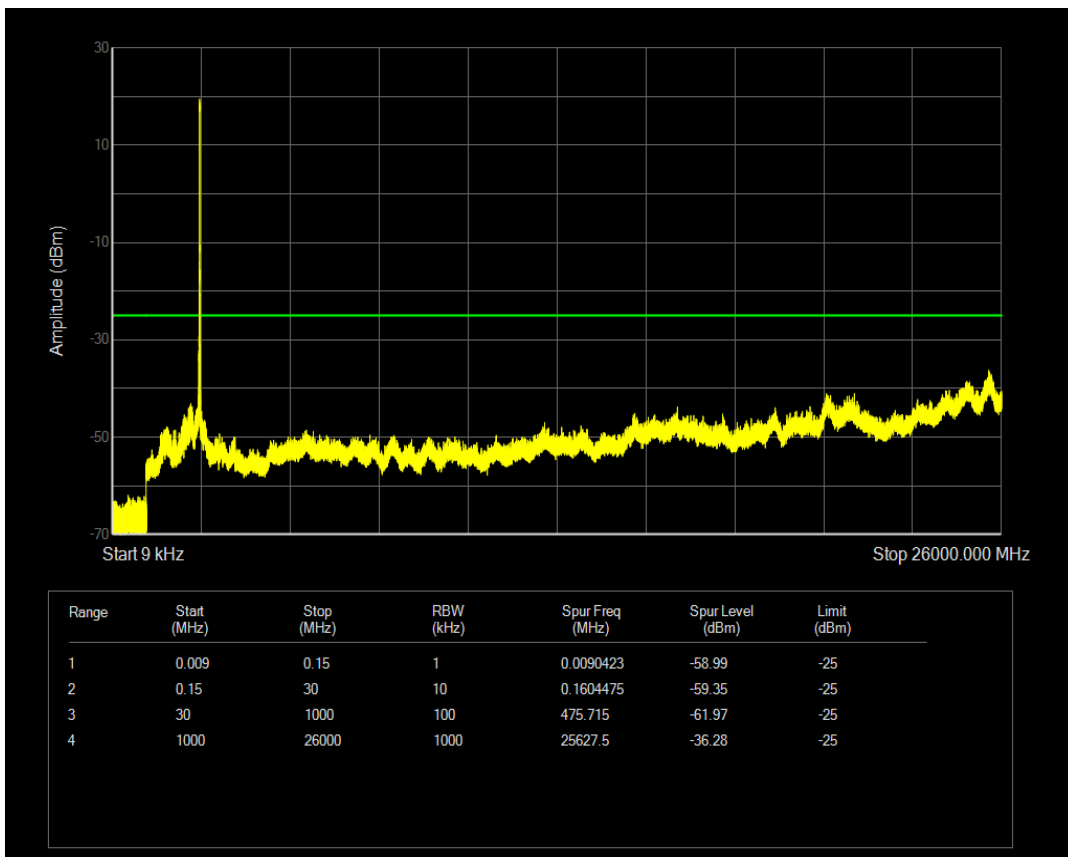
Band7 16QAM BW=10MHz Channel=21100 RB Size=50 Position=#0



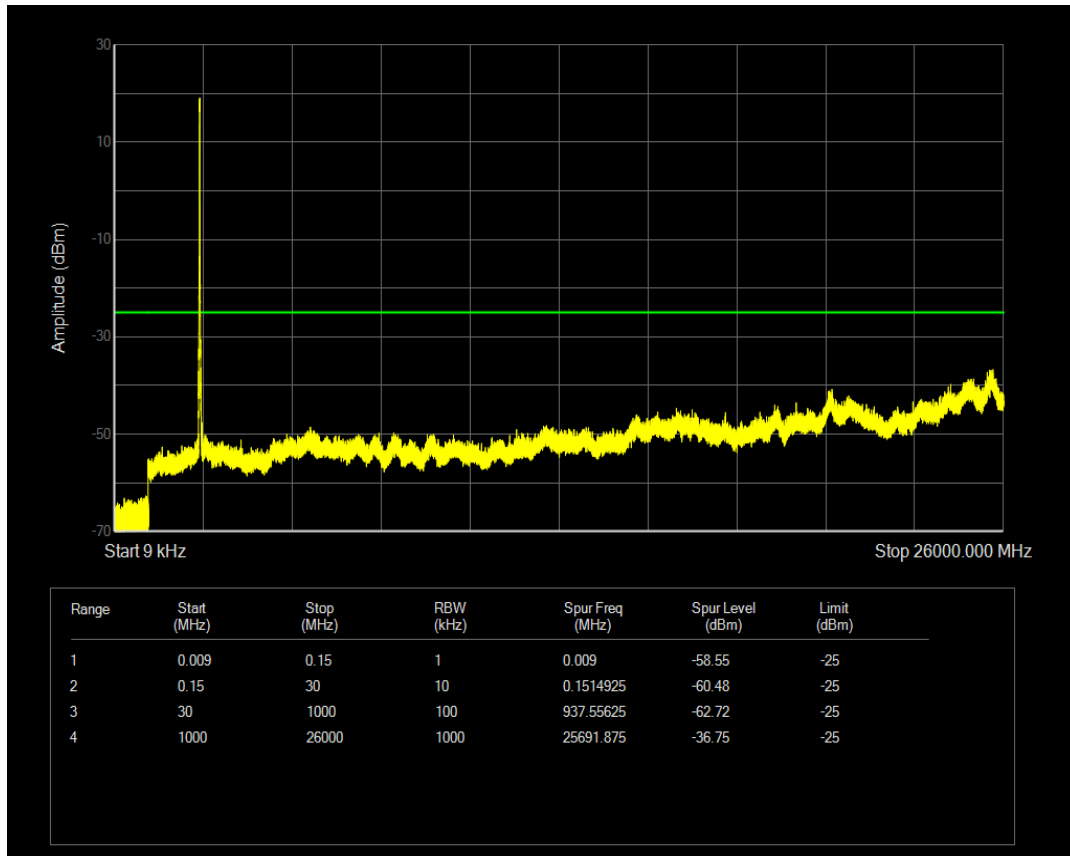
Band7 QPSK BW=10MHz Channel=21400 RB Size=50 Position=#0



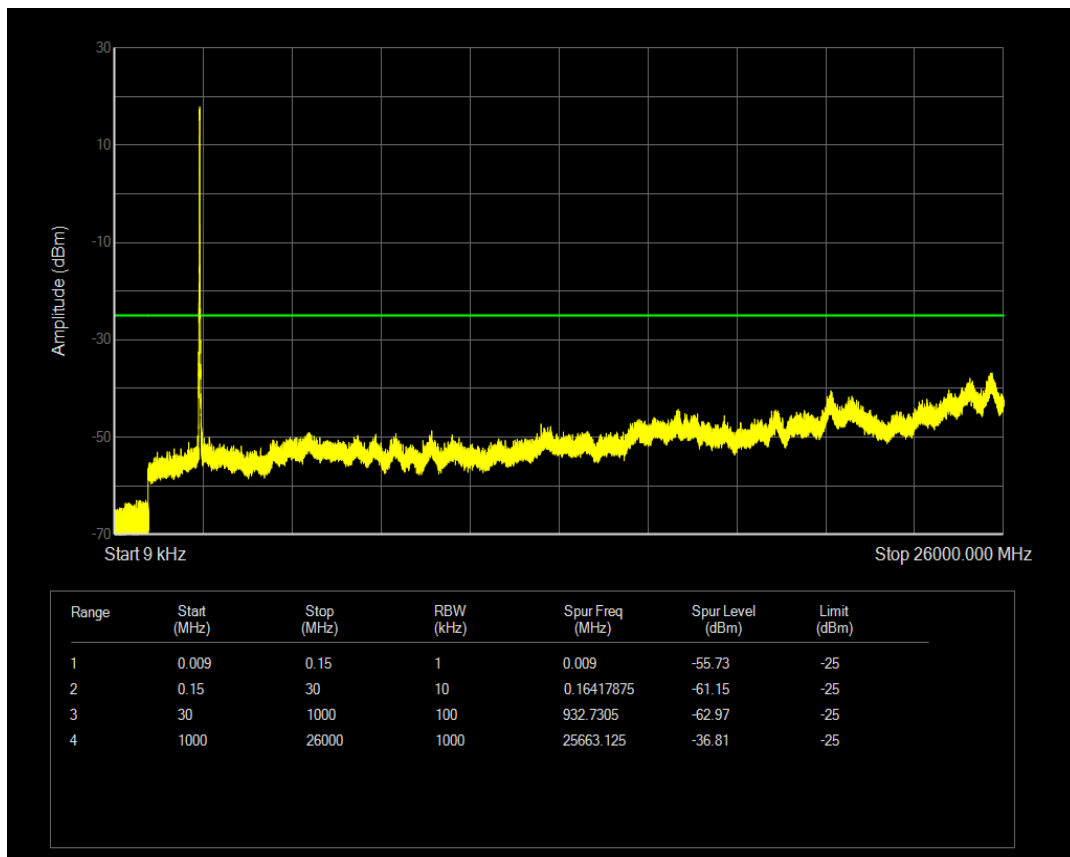
Band7 16QAM BW=10MHz Channel=21400 RB Size=50 Position=#0



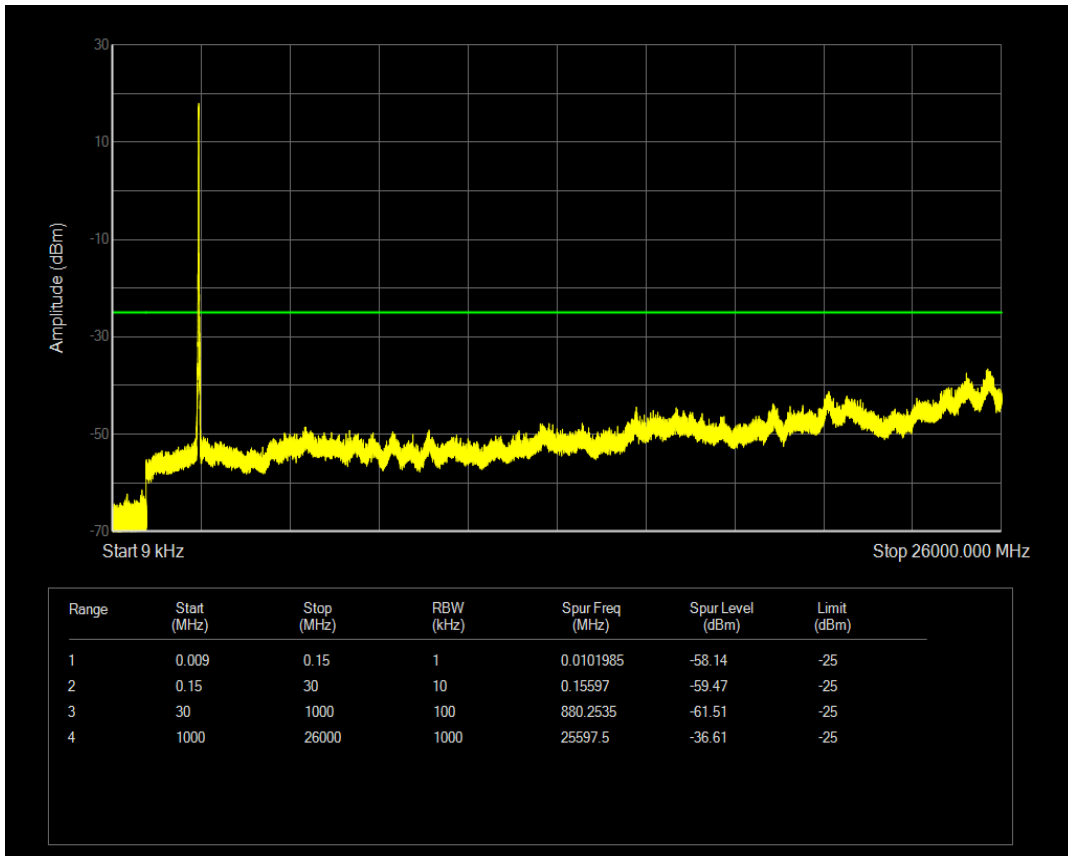
Band7 QPSK BW=15MHz Channel=20825 RB Size=75 Position=#0



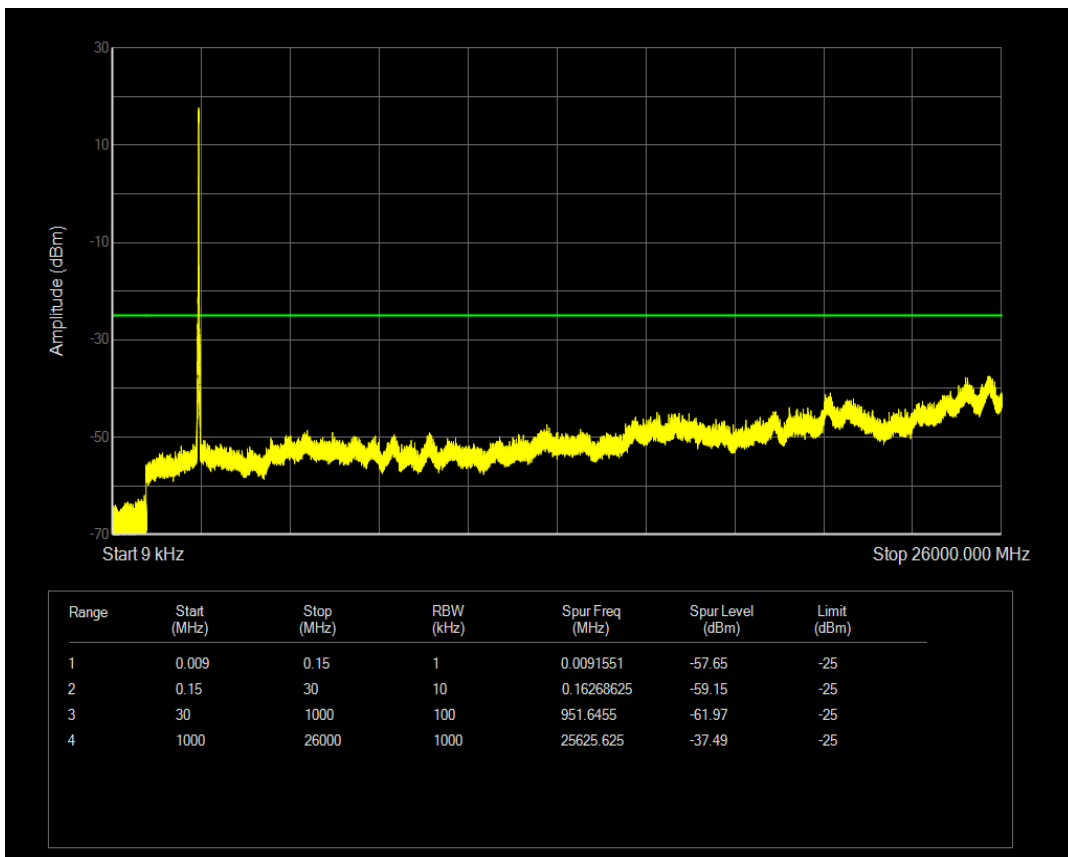
Band7 16QAM BW=15MHz Channel=20825 RB Size=75 Position=#0



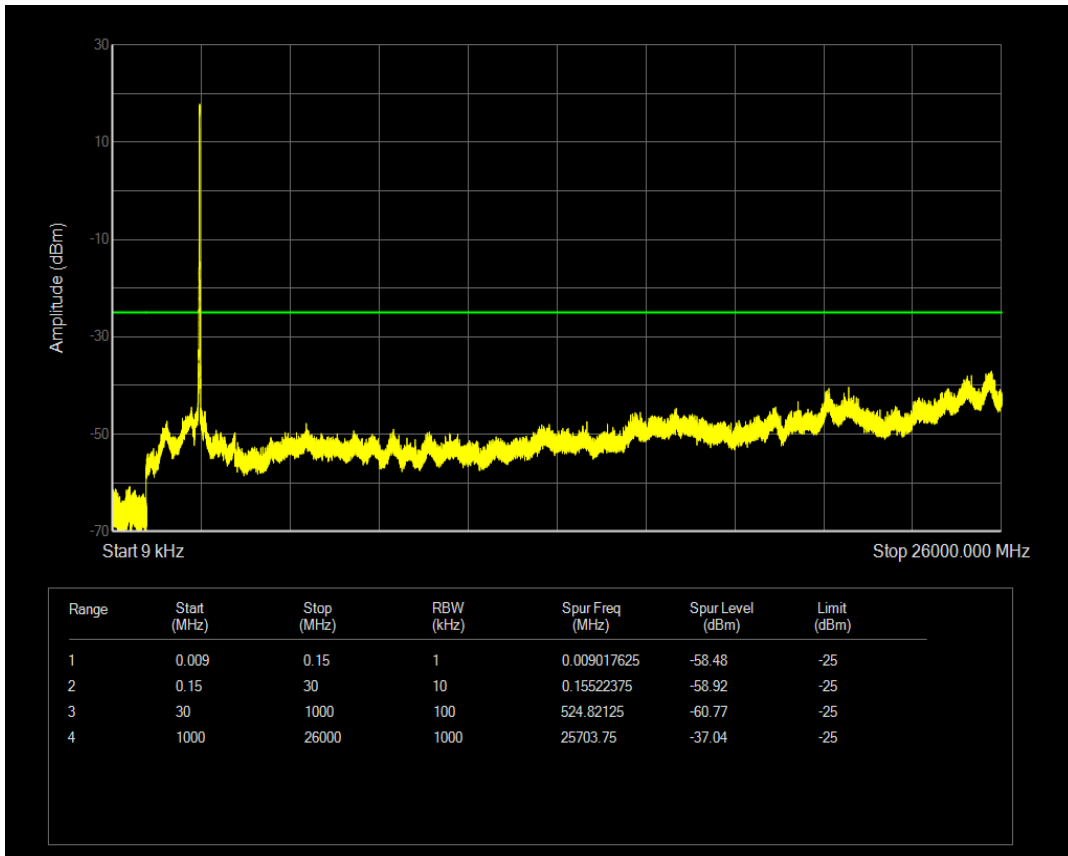
Band7 QPSK BW=15MHz Channel=21100 RB Size=75 Position=#0



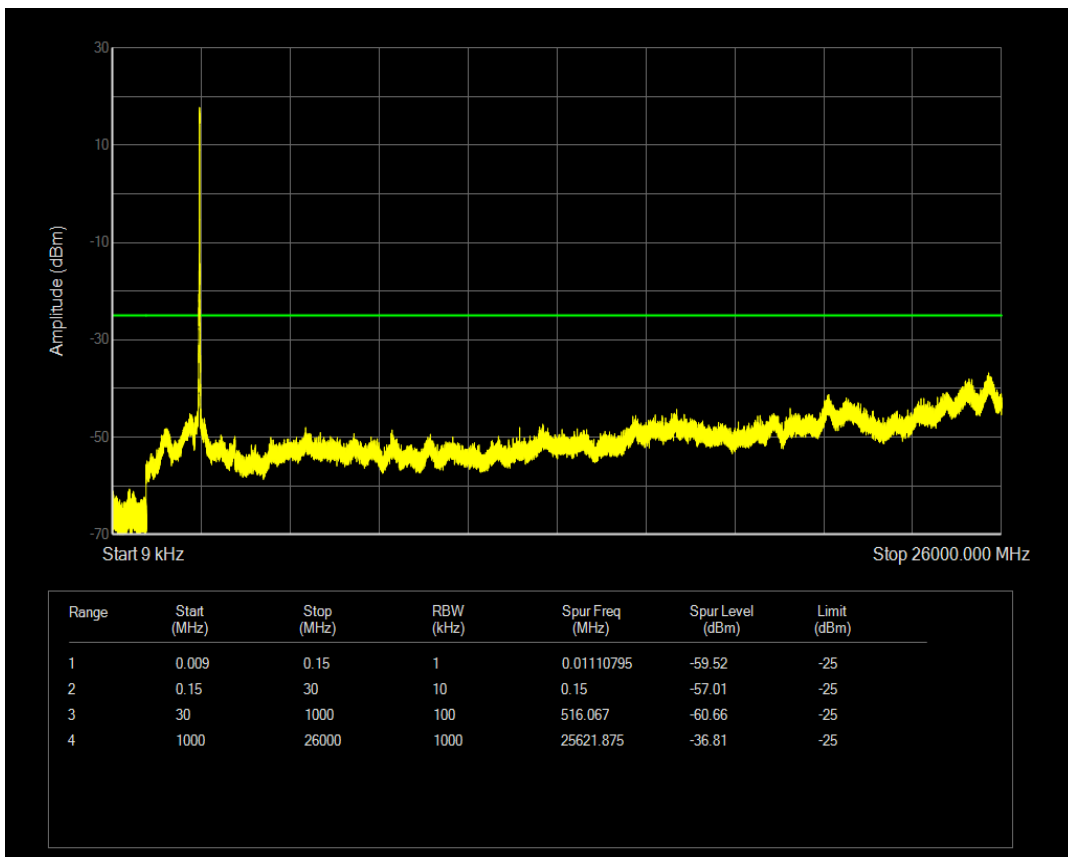
Band7 16QAM BW=15MHz Channel=21100 RB Size=75 Position=#0



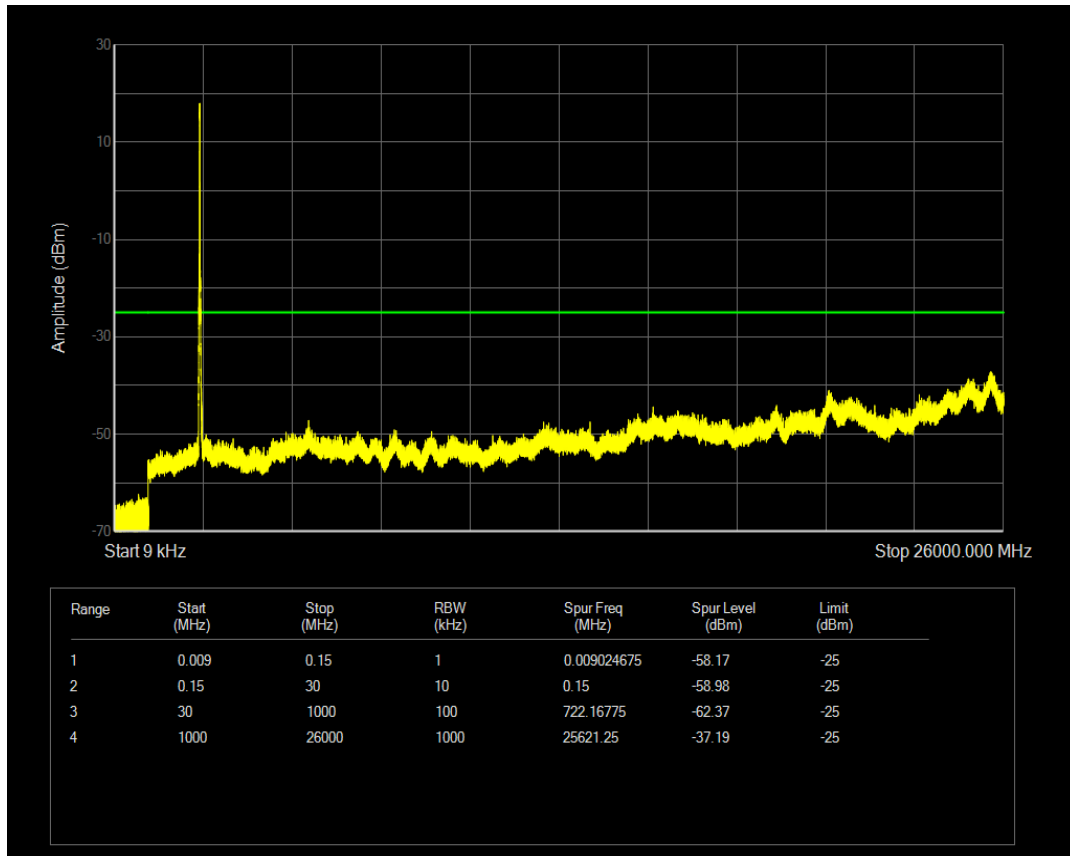
Band7 QPSK BW=15MHz Channel=21375 RB Size=75 Position=#0



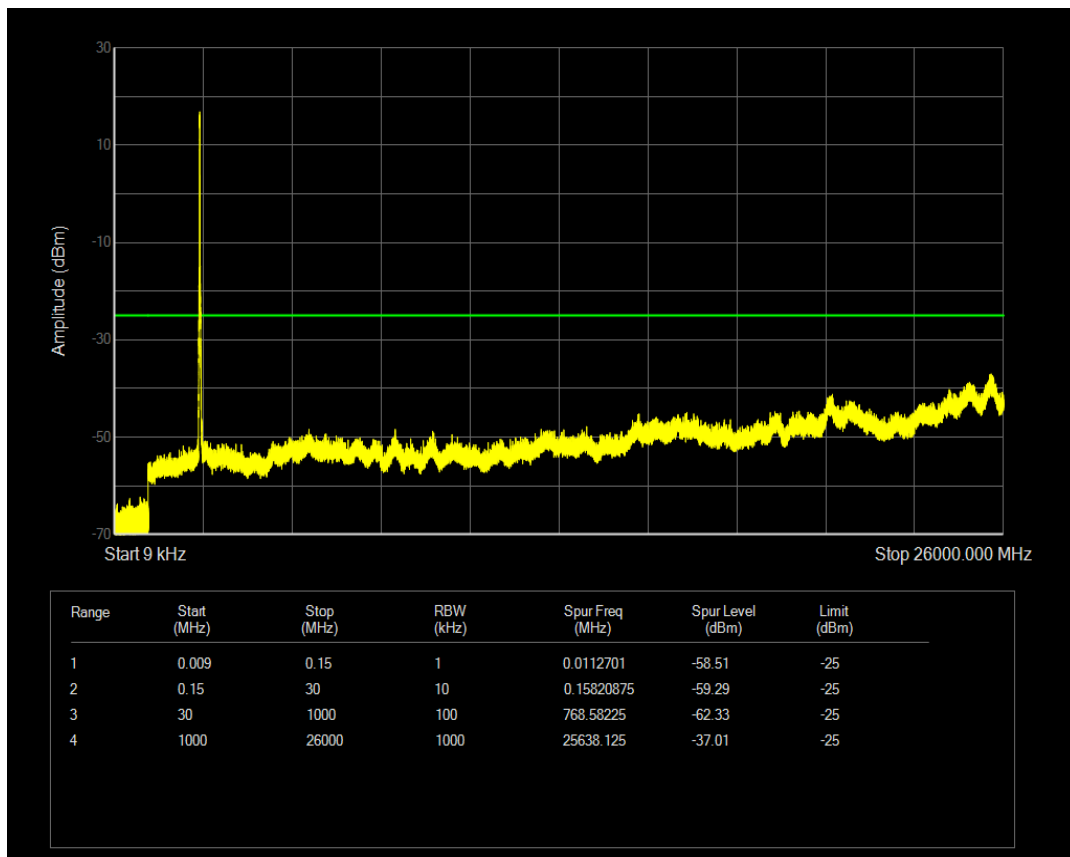
Band7 16QAM BW=15MHz Channel=21375 RB Size=75 Position=#0



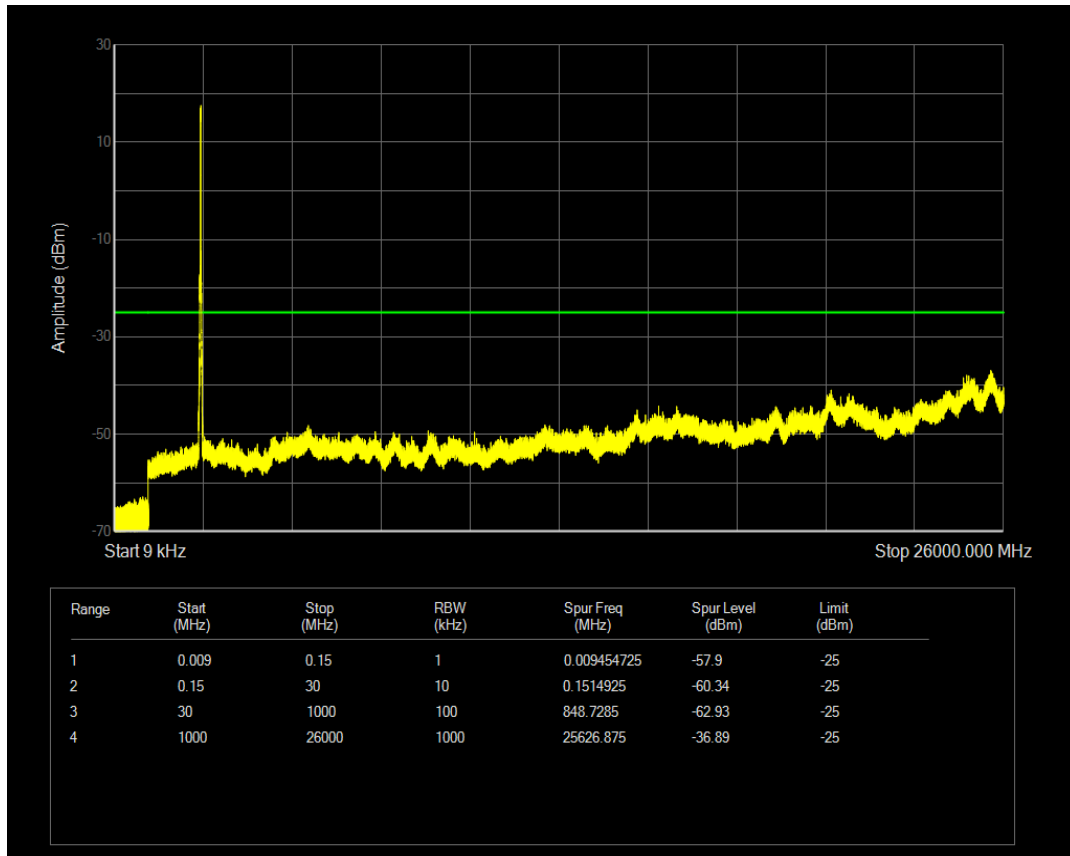
Band7 QPSK BW=20MHz Channel=20850 RB Size=100 Position=#0



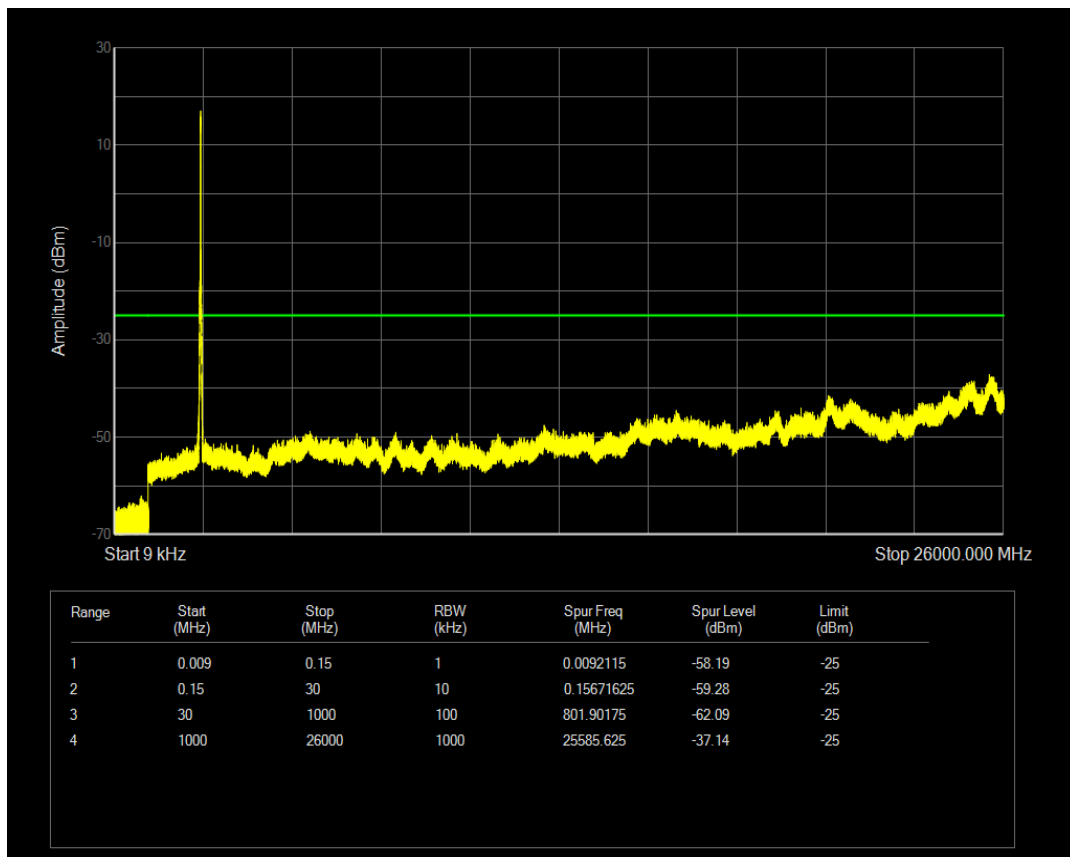
Band7 16QAM BW=20MHz Channel=20850 RB Size=100 Position=#0



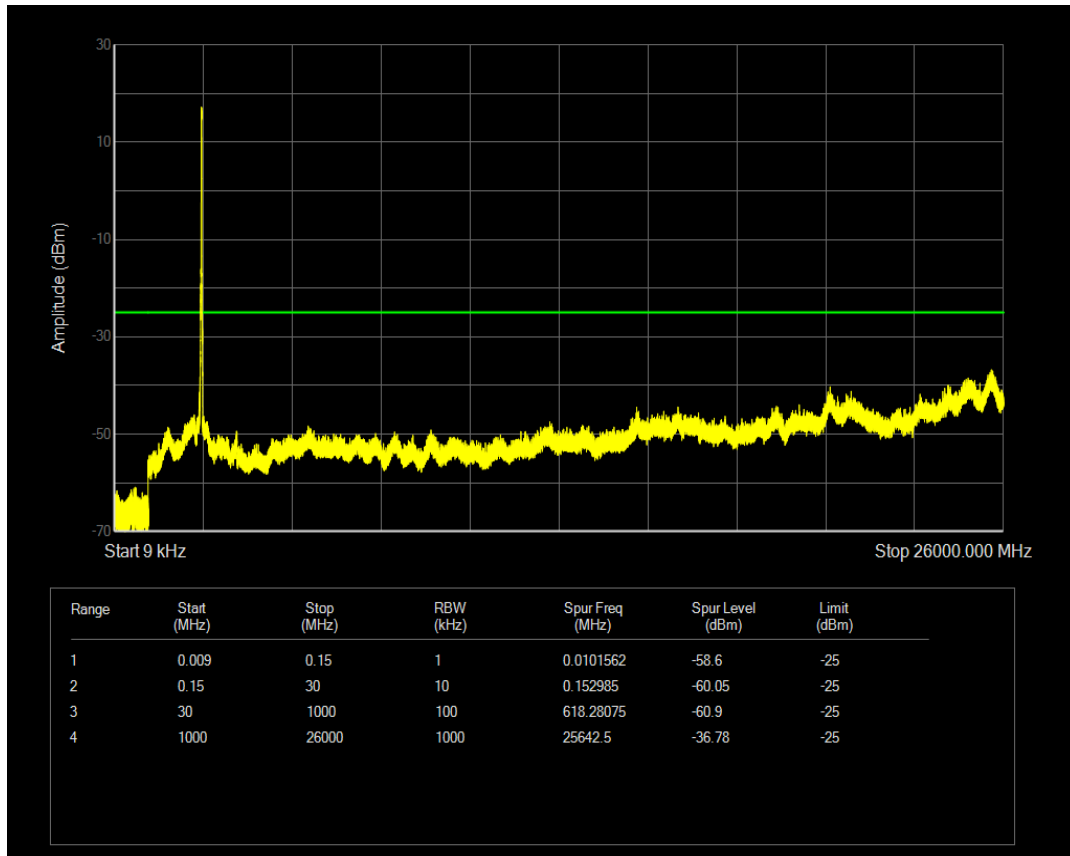
Band7 QPSK BW=20MHz Channel=21100 RB Size=100 Position=#0



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

