

Appendix 1. Conducted output power

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Gain (dBm)	ERP (dBm)	ERP Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)	Verdict
Band 7	5	20775	1	#0	QPSK	21.97	2.12	21.94	37	24.09	37	PASS
Band 7	5	20775	1	#Mid	QPSK	22.00	2.12	21.97	37	24.12	37	PASS
Band 7	5	20775	1	#Max	QPSK	21.94	2.12	21.91	37	24.06	37	PASS
Band 7	5	20775	12	#0	QPSK	21.17	2.12	21.14	37	23.29	37	PASS
Band 7	5	20775	12	#Mid	QPSK	21.33	2.12	21.30	37	23.45	37	PASS
Band 7	5	20775	12	#Max	QPSK	21.25	2.12	21.22	37	23.37	37	PASS
Band 7	5	20775	25	#0	QPSK	21.23	2.12	21.20	37	23.35	37	PASS
Band 7	5	20775	1	#0	16QAM	21.19	2.12	21.16	37	23.31	37	PASS
Band 7	5	20775	1	#Mid	16QAM	21.22	2.12	21.19	37	23.34	37	PASS
Band 7	5	20775	1	#Max	16QAM	21.27	2.12	21.24	37	23.39	37	PASS
Band 7	5	20775	12	#0	16QAM	20.25	2.12	20.22	37	22.37	37	PASS
Band 7	5	20775	12	#Mid	16QAM	20.38	2.12	20.35	37	22.50	37	PASS
Band 7	5	20775	12	#Max	16QAM	20.31	2.12	20.28	37	22.43	37	PASS
Band 7	5	20775	25	#0	16QAM	20.38	2.12	20.35	37	22.50	37	PASS
Band 7	5	21100	1	#0	QPSK	22.05	2.12	22.02	37	24.17	37	PASS
Band 7	5	21100	1	#Mid	QPSK	22.06	2.12	22.03	37	24.18	37	PASS
Band 7	5	21100	1	#Max	QPSK	22.20	2.12	22.17	37	24.32	37	PASS
Band 7	5	21100	12	#0	QPSK	21.13	2.12	21.10	37	23.25	37	PASS
Band 7	5	21100	12	#Mid	QPSK	21.2	2.12	21.2	37	23.3	37	PASS

7						4		1		6		
Band 7	5	21100	12	#Max	QPSK	21.23	2.12	21.20	37	23.35	37	PASS
Band 7	5	21100	25	#0	QPSK	21.13	2.12	21.10	37	23.25	37	PASS
Band 7	5	21100	1	#0	16QAM	21.17	2.12	21.14	37	23.29	37	PASS
Band 7	5	21100	1	#Mid	16QAM	21.18	2.12	21.15	37	23.30	37	PASS
Band 7	5	21100	1	#Max	16QAM	21.30	2.12	21.27	37	23.42	37	PASS
Band 7	5	21100	12	#0	16QAM	20.15	2.12	20.12	37	22.27	37	PASS
Band 7	5	21100	12	#Mid	16QAM	20.19	2.12	20.16	37	22.31	37	PASS
Band 7	5	21100	12	#Max	16QAM	20.27	2.12	20.24	37	22.39	37	PASS
Band 7	5	21100	25	#0	16QAM	20.43	2.12	20.40	37	22.55	37	PASS
Band 7	5	21425	1	#0	QPSK	21.90	2.12	21.87	37	24.02	37	PASS
Band 7	5	21425	1	#Mid	QPSK	21.88	2.12	21.85	37	24.00	37	PASS
Band 7	5	21425	1	#Max	QPSK	21.91	2.12	21.88	37	24.03	37	PASS
Band 7	5	21425	12	#0	QPSK	20.96	2.12	20.93	37	23.08	37	PASS
Band 7	5	21425	12	#Mid	QPSK	20.95	2.12	20.92	37	23.07	37	PASS
Band 7	5	21425	12	#Max	QPSK	20.92	2.12	20.89	37	23.04	37	PASS
Band 7	5	21425	25	#0	QPSK	20.97	2.12	20.94	37	23.09	37	PASS
Band 7	5	21425	1	#0	16QAM	20.66	2.12	20.63	37	22.78	37	PASS
Band 7	5	21425	1	#Mid	16QAM	20.62	2.12	20.59	37	22.74	37	PASS
Band 7	5	21425	1	#Max	16QAM	20.74	2.12	20.71	37	22.86	37	PASS
Band 7	5	21425	12	#0	16QAM	19.92	2.12	19.89	37	22.04	37	PASS
Band 7	5	21425	12	#Mid	16QAM	19.84	2.12	19.81	37	21.96	37	PASS
Band 7	5	21425	12	#Max	16QAM	19.8	2.12	19.8	37	21.9	37	PASS

7						6		3		8		
Band 7	5	21425	25	#0	16QAM	19.95	2.12	19.92	37	22.07	37	PASS
Band 7	10	20800	1	#0	QPSK	22.11	2.12	22.08	37	24.23	37	PASS
Band 7	10	20800	1	#Mid	QPSK	22.13	2.12	22.10	37	24.25	37	PASS
Band 7	10	20800	1	#Max	QPSK	22.17	2.12	22.14	37	24.29	37	PASS
Band 7	10	20800	25	#0	QPSK	21.24	2.12	21.21	37	23.36	37	PASS
Band 7	10	20800	25	#Mid	QPSK	21.35	2.12	21.32	37	23.47	37	PASS
Band 7	10	20800	25	#Max	QPSK	21.27	2.12	21.24	37	23.39	37	PASS
Band 7	10	20800	50	#0	QPSK	21.25	2.12	21.22	37	23.37	37	PASS
Band 7	10	20800	1	#0	16QAM	22.17	2.12	22.14	37	24.29	37	PASS
Band 7	10	20800	1	#Mid	16QAM	22.20	2.12	22.17	37	24.32	37	PASS
Band 7	10	20800	1	#Max	16QAM	22.22	2.12	22.19	37	24.34	37	PASS
Band 7	10	20800	25	#0	16QAM	20.28	2.12	20.25	37	22.40	37	PASS
Band 7	10	20800	25	#Mid	16QAM	20.34	2.12	20.31	37	22.46	37	PASS
Band 7	10	20800	25	#Max	16QAM	20.29	2.12	20.26	37	22.41	37	PASS
Band 7	10	20800	50	#0	16QAM	20.39	2.12	20.36	37	22.51	37	PASS
Band 7	10	21100	1	#0	QPSK	22.15	2.12	22.12	37	24.27	37	PASS
Band 7	10	21100	1	#Mid	QPSK	22.18	2.12	22.15	37	24.30	37	PASS
Band 7	10	21100	1	#Max	QPSK	22.21	2.12	22.18	37	24.33	37	PASS
Band 7	10	21100	25	#0	QPSK	21.14	2.12	21.11	37	23.26	37	PASS
Band 7	10	21100	25	#Mid	QPSK	21.19	2.12	21.16	37	23.31	37	PASS
Band 7	10	21100	25	#Max	QPSK	21.29	2.12	21.26	37	23.41	37	PASS
Band 7	10	21100	50	#0	QPSK	21.0	2.12	21.0	37	23.1	37	PASS

7						4		1		6		
Band 7	10	21100	1	#0	16QAM	21.23	2.12	21.20	37	23.35	37	PASS
Band 7	10	21100	1	#Mid	16QAM	21.30	2.12	21.27	37	23.42	37	PASS
Band 7	10	21100	1	#Max	16QAM	21.33	2.12	21.30	37	23.45	37	PASS
Band 7	10	21100	25	#0	16QAM	20.30	2.12	20.27	37	22.42	37	PASS
Band 7	10	21100	25	#Mid	16QAM	20.36	2.12	20.33	37	22.48	37	PASS
Band 7	10	21100	25	#Max	16QAM	20.44	2.12	20.41	37	22.56	37	PASS
Band 7	10	21100	50	#0	16QAM	20.34	2.12	20.31	37	22.46	37	PASS
Band 7	10	21400	1	#0	QPSK	22.00	2.12	21.97	37	24.12	37	PASS
Band 7	10	21400	1	#Mid	QPSK	21.95	2.12	21.92	37	24.07	37	PASS
Band 7	10	21400	1	#Max	QPSK	21.98	2.12	21.95	37	24.10	37	PASS
Band 7	10	21400	25	#0	QPSK	20.88	2.12	20.85	37	23.00	37	PASS
Band 7	10	21400	25	#Mid	QPSK	20.96	2.12	20.93	37	23.08	37	PASS
Band 7	10	21400	25	#Max	QPSK	20.87	2.12	20.84	37	22.99	37	PASS
Band 7	10	21400	50	#0	QPSK	21.00	2.12	20.97	37	23.12	37	PASS
Band 7	10	21400	1	#0	16QAM	21.09	2.12	21.06	37	23.21	37	PASS
Band 7	10	21400	1	#Mid	16QAM	21.02	2.12	20.99	37	23.14	37	PASS
Band 7	10	21400	1	#Max	16QAM	21.01	2.12	20.98	37	23.13	37	PASS
Band 7	10	21400	25	#0	16QAM	20.17	2.12	20.14	37	22.29	37	PASS
Band 7	10	21400	25	#Mid	16QAM	20.11	2.12	20.08	37	22.23	37	PASS
Band 7	10	21400	25	#Max	16QAM	20.04	2.12	20.01	37	22.16	37	PASS
Band 7	10	21400	50	#0	16QAM	19.97	2.12	19.94	37	22.09	37	PASS
Band	15	20825	1	#0	QPSK	22.0	2.12	22.0	37	24.1	37	PASS

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Band 7	15	20825	1	#Mid	QPSK	22.06	2.12	22.03	37	24.18	37	PASS
Band 7	15	20825	1	#Max	QPSK	22.08	2.12	22.05	37	24.20	37	PASS
Band 7	15	20825	36	#0	QPSK	21.21	2.12	21.18	37	23.33	37	PASS
Band 7	15	20825	36	#Mid	QPSK	21.25	2.12	21.22	37	23.37	37	PASS
Band 7	15	20825	36	#Max	QPSK	21.24	2.12	21.21	37	23.36	37	PASS
Band 7	15	20825	75	#0	QPSK	21.18	2.12	21.15	37	23.30	37	PASS
Band 7	15	20825	1	#0	16QAM	22.21	2.12	22.18	37	24.33	37	PASS
Band 7	15	20825	1	#Mid	16QAM	22.21	2.12	22.18	37	24.33	37	PASS
Band 7	15	20825	1	#Max	16QAM	22.30	2.12	22.27	37	24.42	37	PASS
Band 7	15	20825	36	#0	16QAM	20.42	2.12	20.39	37	22.54	37	PASS
Band 7	15	20825	36	#Mid	16QAM	20.36	2.12	20.33	37	22.48	37	PASS
Band 7	15	20825	36	#Max	16QAM	20.33	2.12	20.30	37	22.45	37	PASS
Band 7	15	20825	75	#0	16QAM	20.36	2.12	20.33	37	22.48	37	PASS
Band 7	15	21100	1	#0	QPSK	22.13	2.12	22.10	37	24.25	37	PASS
Band 7	15	21100	1	#Mid	QPSK	22.10	2.12	22.07	37	24.22	37	PASS
Band 7	15	21100	1	#Max	QPSK	22.14	2.12	22.11	37	24.26	37	PASS
Band 7	15	21100	36	#0	QPSK	21.10	2.12	21.07	37	23.22	37	PASS
Band 7	15	21100	36	#Mid	QPSK	21.21	2.12	21.18	37	23.33	37	PASS
Band 7	15	21100	36	#Max	QPSK	21.15	2.12	21.12	37	23.27	37	PASS
Band 7	15	21100	75	#0	QPSK	21.22	2.12	21.19	37	23.34	37	PASS
Band 7	15	21100	1	#0	16QAM	21.21	2.12	21.18	37	23.33	37	PASS
Band 7	15	21100	1	#Mid	16QAM	21.2	2.12	21.2	37	23.3	37	PASS

7						6		3		8		
Band 7	15	21100	1	#Max	16QAM	21.33	2.12	21.30	37	23.45	37	PASS
Band 7	15	21100	36	#0	16QAM	20.35	2.12	20.32	37	22.47	37	PASS
Band 7	15	21100	36	#Mid	16QAM	20.34	2.12	20.31	37	22.46	37	PASS
Band 7	15	21100	36	#Max	16QAM	20.42	2.12	20.39	37	22.54	37	PASS
Band 7	15	21100	75	#0	16QAM	20.23	2.12	20.20	37	22.35	37	PASS
Band 7	15	21375	1	#0	QPSK	22.12	2.12	22.09	37	24.24	37	PASS
Band 7	15	21375	1	#Mid	QPSK	21.99	2.12	21.96	37	24.11	37	PASS
Band 7	15	21375	1	#Max	QPSK	22.05	2.12	22.02	37	24.17	37	PASS
Band 7	15	21375	36	#0	QPSK	21.09	2.12	21.06	37	23.21	37	PASS
Band 7	15	21375	36	#Mid	QPSK	20.96	2.12	20.93	37	23.08	37	PASS
Band 7	15	21375	36	#Max	QPSK	20.92	2.12	20.89	37	23.04	37	PASS
Band 7	15	21375	75	#0	QPSK	20.88	2.12	20.85	37	23.00	37	PASS
Band 7	15	21375	1	#0	16QAM	21.95	2.12	21.92	37	24.07	37	PASS
Band 7	15	21375	1	#Mid	16QAM	21.94	2.12	21.91	37	24.06	37	PASS
Band 7	15	21375	1	#Max	16QAM	21.96	2.12	21.93	37	24.08	37	PASS
Band 7	15	21375	36	#0	16QAM	20.15	2.12	20.12	37	22.27	37	PASS
Band 7	15	21375	36	#Mid	16QAM	19.99	2.12	19.96	37	22.11	37	PASS
Band 7	15	21375	36	#Max	16QAM	20.05	2.12	20.02	37	22.17	37	PASS
Band 7	15	21375	75	#0	16QAM	20.06	2.12	20.03	37	22.18	37	PASS
Band 7	20	20850	1	#0	QPSK	22.25	2.12	22.22	37	24.37	37	PASS
Band 7	20	20850	1	#Mid	QPSK	22.22	2.12	22.19	37	24.34	37	PASS
Band 7	20	20850	1	#Max	QPSK	22.1	2.12	22.1	37	24.3	37	PASS

7						9		6		1		
Band 7	20	20850	50	#0	QPSK	21.30	2.12	21.27	37	23.42	37	PASS
Band 7	20	20850	50	#Mid	QPSK	21.27	2.12	21.24	37	23.39	37	PASS
Band 7	20	20850	50	#Max	QPSK	21.27	2.12	21.24	37	23.39	37	PASS
Band 7	20	20850	100	#0	QPSK	21.20	2.12	21.17	37	23.32	37	PASS
Band 7	20	20850	1	#0	16QAM	21.40	2.12	21.37	37	23.52	37	PASS
Band 7	20	20850	1	#Mid	16QAM	21.46	2.12	21.43	37	23.58	37	PASS
Band 7	20	20850	1	#Max	16QAM	21.50	2.12	21.47	37	23.62	37	PASS
Band 7	20	20850	50	#0	16QAM	20.48	2.12	20.45	37	22.60	37	PASS
Band 7	20	20850	50	#Mid	16QAM	20.43	2.12	20.40	37	22.55	37	PASS
Band 7	20	20850	50	#Max	16QAM	20.39	2.12	20.36	37	22.51	37	PASS
Band 7	20	20850	100	#0	16QAM	20.29	2.12	20.26	37	22.41	37	PASS
Band 7	20	21100	1	#0	QPSK	22.42	2.12	22.39	37	24.54	37	PASS
Band 7	20	21100	1	#Mid	QPSK	22.53	2.12	22.50	37	24.65	37	PASS
Band 7	20	21100	1	#Max	QPSK	22.58	2.12	22.55	37	24.70	37	PASS
Band 7	20	21100	50	#0	QPSK	21.16	2.12	21.13	37	23.28	37	PASS
Band 7	20	21100	50	#Mid	QPSK	21.15	2.12	21.12	37	23.27	37	PASS
Band 7	20	21100	50	#Max	QPSK	21.14	2.12	21.11	37	23.26	37	PASS
Band 7	20	21100	100	#0	QPSK	21.24	2.12	21.21	37	23.36	37	PASS
Band 7	20	21100	1	#0	16QAM	21.21	2.12	21.18	37	23.33	37	PASS
Band 7	20	21100	1	#Mid	16QAM	21.26	2.12	21.23	37	23.38	37	PASS
Band 7	20	21100	1	#Max	16QAM	21.39	2.12	21.36	37	23.51	37	PASS
Band 7	20	21100	50	#0	16QAM	20.3	2.12	20.2	37	22.4	37	PASS

7						1		8		3		
Band 7	20	21100	50	#Mid	16QAM	20.32	2.12	20.29	37	22.44	37	PASS
Band 7	20	21100	50	#Max	16QAM	20.42	2.12	20.39	37	22.54	37	PASS
Band 7	20	21100	100	#0	16QAM	20.23	2.12	20.20	37	22.35	37	PASS
Band 7	20	21350	1	#0	QPSK	22.14	2.12	22.11	37	24.26	37	PASS
Band 7	20	21350	1	#Mid	QPSK	22.08	2.12	22.05	37	24.20	37	PASS
Band 7	20	21350	1	#Max	QPSK	21.96	2.12	21.93	37	24.08	37	PASS
Band 7	20	21350	50	#0	QPSK	21.03	2.12	21.00	37	23.15	37	PASS
Band 7	20	21350	50	#Mid	QPSK	20.99	2.12	20.96	37	23.11	37	PASS
Band 7	20	21350	50	#Max	QPSK	20.82	2.12	20.79	37	22.94	37	PASS
Band 7	20	21350	100	#0	QPSK	21.12	2.12	21.09	37	23.24	37	PASS
Band 7	20	21350	1	#0	16QAM	21.46	2.12	21.43	37	23.58	37	PASS
Band 7	20	21350	1	#Mid	16QAM	21.41	2.12	21.38	37	23.53	37	PASS
Band 7	20	21350	1	#Max	16QAM	21.45	2.12	21.42	37	23.57	37	PASS
Band 7	20	21350	50	#0	16QAM	20.19	2.12	20.16	37	22.31	37	PASS
Band 7	20	21350	50	#Mid	16QAM	20.15	2.12	20.12	37	22.27	37	PASS
Band 7	20	21350	50	#Max	16QAM	20.12	2.12	20.09	37	22.24	37	PASS
Band 7	20	21350	100	#0	16QAM	20.05	2.12	20.02	37	22.17	37	PASS

Appendix 2. Frequency stability

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Voltage (Vdc)	Temperature (C)	Result (Hz)	Result (ppm)	Low Limit (ppm)	high Limit (ppm)	Verdict
Band7	5	20775	25	#0	QPSK	LV	NT	-3.98	-0.002	-2.5	2.5	PASS
Band7	5	20775	25	#0	QPSK	NV	NT	-10.67	-0.004	-2.5	2.5	PASS
Band7	5	20775	25	#0	QPSK	HV	NT	-17.11	-0.007	-2.5	2.5	PASS
Band7	5	20775	25	#0	16QAM	LV	NT	-21.86	-0.009	-2.5	2.5	PASS
Band7	5	20775	25	#0	16QAM	NV	NT	-22.97	-0.009	-2.5	2.5	PASS
Band7	5	20775	25	#0	16QAM	HV	NT	-23.78	-0.010	-2.5	2.5	PASS
Band7	5	21100	25	#0	QPSK	LV	NT	7.95	0.003	-2.5	2.5	PASS
Band7	5	21100	25	#0	QPSK	NV	NT	6.69	0.003	-2.5	2.5	PASS
Band7	5	21100	25	#0	QPSK	HV	NT	2.20	0.001	-2.5	2.5	PASS
Band7	5	21100	25	#0	16QAM	LV	NT	30.34	0.012	-2.5	2.5	PASS
Band7	5	21100	25	#0	16QAM	NV	NT	37.09	0.015	-2.5	2.5	PASS
Band7	5	21100	25	#0	16QAM	HV	NT	39.37	0.016	-2.5	2.5	PASS
Band7	5	21425	25	#0	QPSK	LV	NT	-1.86	-0.001	-2.5	2.5	PASS
Band7	5	21425	25	#0	QPSK	NV	NT	-1.75	-0.001	-2.5	2.5	PASS
Band7	5	21425	25	#0	QPSK	HV	NT	-3.62	-0.001	-2.5	2.5	PASS
Band7	5	21425	25	#0	16QAM	LV	NT	-6.71	-0.003	-2.5	2.5	PASS
Band7	5	21425	25	#0	16QAM	NV	NT	-1.36	-0.001	-2.5	2.5	PASS
Band7	5	21425	25	#0	16QAM	HV	NT	-0.39	0.000	-2.5	2.5	PASS

Ban d7	10	20800	50	#0	QPSK	LV	NT	-14. 92	-0.0 06	-2.5	2.5	PAS S
Ban d7	10	20800	50	#0	QPSK	NV	NT	-21. 03	-0.0 08	-2.5	2.5	PAS S
Ban d7	10	20800	50	#0	QPSK	HV	NT	-24. 89	-0.0 10	-2.5	2.5	PAS S
Ban d7	10	20800	50	#0	16QAM	LV	NT	-28. 78	-0.01 1	-2.5	2.5	PAS S
Ban d7	10	20800	50	#0	16QAM	NV	NT	-32. 27	-0.0 13	-2.5	2.5	PAS S
Ban d7	10	20800	50	#0	16QAM	HV	NT	-32. 40	-0.0 13	-2.5	2.5	PAS S
Ban d7	10	21100	50	#0	QPSK	LV	NT	4.99	0.00 2	-2.5	2.5	PAS S
Ban d7	10	21100	50	#0	QPSK	NV	NT	1.37	0.00 1	-2.5	2.5	PAS S
Ban d7	10	21100	50	#0	QPSK	HV	NT	-2.0 9	-0.0 01	-2.5	2.5	PAS S
Ban d7	10	21100	50	#0	16QAM	LV	NT	-3.4 0	-0.0 01	-2.5	2.5	PAS S
Ban d7	10	21100	50	#0	16QAM	NV	NT	-3.0 5	-0.0 01	-2.5	2.5	PAS S
Ban d7	10	21100	50	#0	16QAM	HV	NT	-1.5 2	-0.0 01	-2.5	2.5	PAS S
Ban d7	10	21400	50	#0	QPSK	LV	NT	-5.1 6	-0.0 02	-2.5	2.5	PAS S
Ban d7	10	21400	50	#0	QPSK	NV	NT	-8.0 4	-0.0 03	-2.5	2.5	PAS S
Ban d7	10	21400	50	#0	QPSK	HV	NT	-7.3 5	-0.0 03	-2.5	2.5	PAS S
Ban d7	10	21400	50	#0	16QAM	LV	NT	-8.3 1	-0.0 03	-2.5	2.5	PAS S
Ban d7	10	21400	50	#0	16QAM	NV	NT	-5.5 8	-0.0 02	-2.5	2.5	PAS S
Ban d7	10	21400	50	#0	16QAM	HV	NT	-4.7 9	-0.0 02	-2.5	2.5	PAS S
Ban d7	15	20825	75	#0	QPSK	LV	NT	-38. 60	-0.0 15	-2.5	2.5	PAS S
Ban d7	15	20825	75	#0	QPSK	NV	NT	-3.2 6	-0.0 01	-2.5	2.5	PAS S
Ban d7	15	20825	75	#0	QPSK	HV	NT	7.45	0.00 3	-2.5	2.5	PAS S
Ban d7	15	20825	75	#0	16QAM	LV	NT	1.33	0.00 1	-2.5	2.5	PAS S

Ban d7	15	20825	75	#0	16QAM	NV	NT	-3.0 5	-0.0 01	-2.5	2.5	PAS S
Ban d7	15	20825	75	#0	16QAM	HV	NT	-2.4 9	-0.0 01	-2.5	2.5	PAS S
Ban d7	15	21100	75	#0	QPSK	LV	NT	6.17	0.00 2	-2.5	2.5	PAS S
Ban d7	15	21100	75	#0	QPSK	NV	NT	-0.1 7	0.00 0	-2.5	2.5	PAS S
Ban d7	15	21100	75	#0	QPSK	HV	NT	-7.6 4	-0.0 03	-2.5	2.5	PAS S
Ban d7	15	21100	75	#0	16QAM	LV	NT	-11.3 2	-0.0 04	-2.5	2.5	PAS S
Ban d7	15	21100	75	#0	16QAM	NV	NT	24.1 3	0.01 0	-2.5	2.5	PAS S
Ban d7	15	21100	75	#0	16QAM	HV	NT	42.8 2	0.01 7	-2.5	2.5	PAS S
Ban d7	15	21375	75	#0	QPSK	LV	NT	-7.0 5	-0.0 03	-2.5	2.5	PAS S
Ban d7	15	21375	75	#0	QPSK	NV	NT	-2.2 0	-0.0 01	-2.5	2.5	PAS S
Ban d7	15	21375	75	#0	QPSK	HV	NT	-5.1 2	-0.0 02	-2.5	2.5	PAS S
Ban d7	15	21375	75	#0	16QAM	LV	NT	-5.7 4	-0.0 02	-2.5	2.5	PAS S
Ban d7	15	21375	75	#0	16QAM	NV	NT	-6.9 4	-0.0 03	-2.5	2.5	PAS S
Ban d7	15	21375	75	#0	16QAM	HV	NT	-4.6 9	-0.0 02	-2.5	2.5	PAS S
Ban d7	20	20850	10 0	#0	QPSK	LV	NT	-28. 45	-0.01 1	-2.5	2.5	PAS S
Ban d7	20	20850	10 0	#0	QPSK	NV	NT	-14. 73	-0.0 06	-2.5	2.5	PAS S
Ban d7	20	20850	10 0	#0	QPSK	HV	NT	-16. 79	-0.0 07	-2.5	2.5	PAS S
Ban d7	20	20850	10 0	#0	16QAM	LV	NT	-25. 19	-0.0 10	-2.5	2.5	PAS S
Ban d7	20	20850	10 0	#0	16QAM	NV	NT	-32. 96	-0.0 13	-2.5	2.5	PAS S
Ban d7	20	20850	10 0	#0	16QAM	HV	NT	-34. 95	-0.0 14	-2.5	2.5	PAS S
Ban d7	20	21100	10 0	#0	QPSK	LV	NT	-3.1 5	-0.0 01	-2.5	2.5	PAS S
Ban d7	20	21100	10 0	#0	QPSK	NV	NT	-7.7 0	-0.0 03	-2.5	2.5	PAS S

Ban d7	20	21100	10 0	#0	QPSK	HV	NT	-11.0 0	-0.0 04	-2.5	2.5	PAS S
Ban d7	20	21100	10 0	#0	16QAM	LV	NT	-9.6 4	-0.0 04	-2.5	2.5	PAS S
Ban d7	20	21100	10 0	#0	16QAM	NV	NT	-7.2 0	-0.0 03	-2.5	2.5	PAS S
Ban d7	20	21100	10 0	#0	16QAM	HV	NT	-6.0 7	-0.0 02	-2.5	2.5	PAS S
Ban d7	20	21350	10 0	#0	QPSK	LV	NT	1.57	0.00 1	-2.5	2.5	PAS S
Ban d7	20	21350	10 0	#0	QPSK	NV	NT	-15. 71	-0.0 06	-2.5	2.5	PAS S
Ban d7	20	21350	10 0	#0	QPSK	HV	NT	39.6 8	0.01 6	-2.5	2.5	PAS S
Ban d7	20	21350	10 0	#0	16QAM	LV	NT	42.4 1	0.01 7	-2.5	2.5	PAS S
Ban d7	20	21350	10 0	#0	16QAM	NV	NT	41.6 0	0.01 6	-2.5	2.5	PAS S
Ban d7	20	21350	10 0	#0	16QAM	HV	NT	45.9 6	0.01 8	-2.5	2.5	PAS S

Band	Bandwid th (MHz)	UL Channe l	RB Siz e	RB Positio n	Modulatio n	Voltag e (Vdc)	Temperatu re (C)	Resul t (Hz)	Resul t (ppm)	Low Limit (ppm)	high Limit (ppm)	Verdic t
Band 7	5	20775	25	#0	QPSK	NV	-30	-14.6 6	-0.00 6	-2.5	2.5	PASS
Band 7	5	20775	25	#0	QPSK	NV	-20	-26.1 4	-0.01 0	-2.5	2.5	PASS
Band 7	5	20775	25	#0	QPSK	NV	0	-31.9 6	-0.01 3	-2.5	2.5	PASS
Band 7	5	20775	25	#0	QPSK	NV	10	-2.43	-0.00 1	-2.5	2.5	PASS
Band 7	5	20775	25	#0	QPSK	NV	20	-25.7 6	-0.01 0	-2.5	2.5	PASS
Band 7	5	20775	25	#0	16QAM	NV	-30	-45.2 2	-0.01 8	-2.5	2.5	PASS
Band 7	5	20775	25	#0	16QAM	NV	-20	-23.4 7	-0.00 9	-2.5	2.5	PASS
Band 7	5	20775	25	#0	16QAM	NV	0	-39.0 2	-0.01 6	-2.5	2.5	PASS
Band 7	5	20775	25	#0	16QAM	NV	10	7.91	0.003	-2.5	2.5	PASS

Band 7	5	20775	25	#0	16QAM	NV	20	-25.0 8	-0.01 0	-2.5	2.5	PASS
Band 7	5	21100	25	#0	QPSK	NV	-30	-19.8 3	-0.00 8	-2.5	2.5	PASS
Band 7	5	21100	25	#0	QPSK	NV	-20	-39.5 4	-0.01 6	-2.5	2.5	PASS
Band 7	5	21100	25	#0	QPSK	NV	0	-21.1 6	-0.00 8	-2.5	2.5	PASS
Band 7	5	21100	25	#0	QPSK	NV	10	-40.1 7	-0.01 6	-2.5	2.5	PASS
Band 7	5	21100	25	#0	QPSK	NV	20	-9.51	-0.00 4	-2.5	2.5	PASS
Band 7	5	21100	25	#0	16QAM	NV	-30	-26.8 9	-0.011	-2.5	2.5	PASS
Band 7	5	21100	25	#0	16QAM	NV	-20	-43.4 9	-0.01 7	-2.5	2.5	PASS
Band 7	5	21100	25	#0	16QAM	NV	0	-22.1 2	-0.00 9	-2.5	2.5	PASS
Band 7	5	21100	25	#0	16QAM	NV	10	-38.6 7	-0.01 5	-2.5	2.5	PASS
Band 7	5	21100	25	#0	16QAM	NV	20	11.14	0.004	-2.5	2.5	PASS
Band 7	5	21425	25	#0	QPSK	NV	-30	-4.01	-0.00 2	-2.5	2.5	PASS
Band 7	5	21425	25	#0	QPSK	NV	-20	-22.6 5	-0.00 9	-2.5	2.5	PASS
Band 7	5	21425	25	#0	QPSK	NV	0	3.53	0.001	-2.5	2.5	PASS
Band 7	5	21425	25	#0	QPSK	NV	10	-14.6 3	-0.00 6	-2.5	2.5	PASS
Band 7	5	21425	25	#0	QPSK	NV	20	-33.9 3	-0.01 3	-2.5	2.5	PASS
Band 7	5	21425	25	#0	16QAM	NV	-30	-31.0 9	-0.01 2	-2.5	2.5	PASS
Band 7	5	21425	25	#0	16QAM	NV	-20	0.10	0.000	-2.5	2.5	PASS
Band 7	5	21425	25	#0	16QAM	NV	0	-17.5 5	-0.00 7	-2.5	2.5	PASS
Band 7	5	21425	25	#0	16QAM	NV	10	-38.9 4	-0.01 5	-2.5	2.5	PASS
Band 7	5	21425	25	#0	16QAM	NV	20	-37.5 7	-0.01 5	-2.5	2.5	PASS
Band 7	10	20800	50	#0	QPSK	NV	-30	-6.38	-0.00 3	-2.5	2.5	PASS

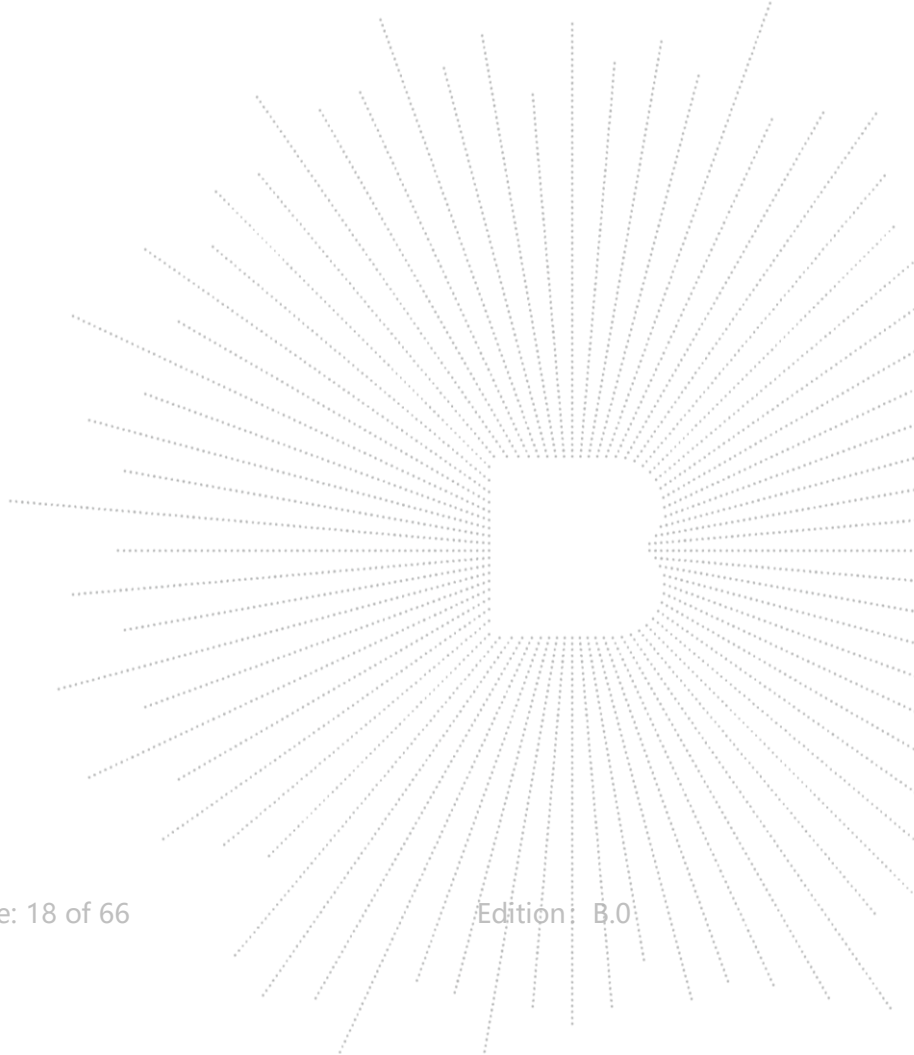
Band 7	10	20800	50	#0	QPSK	NV	-20	-35.3 5	-0.01 4	-2.5	2.5	PASS
Band 7	10	20800	50	#0	QPSK	NV	0	-2.92	-0.00 1	-2.5	2.5	PASS
Band 7	10	20800	50	#0	QPSK	NV	10	-32.4 7	-0.01 3	-2.5	2.5	PASS
Band 7	10	20800	50	#0	QPSK	NV	20	-24.8 3	-0.01 0	-2.5	2.5	PASS
Band 7	10	20800	50	#0	16QAM	NV	-30	-3.59	-0.00 1	-2.5	2.5	PASS
Band 7	10	20800	50	#0	16QAM	NV	-20	-28.6 2	-0.011	-2.5	2.5	PASS
Band 7	10	20800	50	#0	16QAM	NV	0	-13.9 9	-0.00 6	-2.5	2.5	PASS
Band 7	10	20800	50	#0	16QAM	NV	10	-37.7 4	-0.01 5	-2.5	2.5	PASS
Band 7	10	20800	50	#0	16QAM	NV	20	0.40	0.000	-2.5	2.5	PASS
Band 7	10	21100	50	#0	QPSK	NV	-30	-2.22	-0.00 1	-2.5	2.5	PASS
Band 7	10	21100	50	#0	QPSK	NV	-20	24.33	0.010	-2.5	2.5	PASS
Band 7	10	21100	50	#0	QPSK	NV	0	-4.42	-0.00 2	-2.5	2.5	PASS
Band 7	10	21100	50	#0	QPSK	NV	10	-33.5 0	-0.01 3	-2.5	2.5	PASS
Band 7	10	21100	50	#0	QPSK	NV	20	1.80	0.001	-2.5	2.5	PASS
Band 7	10	21100	50	#0	16QAM	NV	-30	-23.9 0	-0.00 9	-2.5	2.5	PASS
Band 7	10	21100	50	#0	16QAM	NV	-20	-18.4 5	-0.00 7	-2.5	2.5	PASS
Band 7	10	21100	50	#0	16QAM	NV	0	-34.6 0	-0.01 4	-2.5	2.5	PASS
Band 7	10	21100	50	#0	16QAM	NV	10	-6.78	-0.00 3	-2.5	2.5	PASS
Band 7	10	21100	50	#0	16QAM	NV	20	-30.2 7	-0.01 2	-2.5	2.5	PASS
Band 7	10	21400	50	#0	QPSK	NV	-30	-16.2 2	-0.00 6	-2.5	2.5	PASS
Band 7	10	21400	50	#0	QPSK	NV	-20	-41.2 7	-0.01 6	-2.5	2.5	PASS
Band 7	10	21400	50	#0	QPSK	NV	0	-27.7 4	-0.011	-2.5	2.5	PASS

Band 7	10	21400	50	#0	QPSK	NV	10	-12.2 5	-0.00 5	-2.5	2.5	PASS
Band 7	10	21400	50	#0	QPSK	NV	20	-10.6 9	-0.00 4	-2.5	2.5	PASS
Band 7	10	21400	50	#0	16QAM	NV	-30	-32.7 3	-0.01 3	-2.5	2.5	PASS
Band 7	10	21400	50	#0	16QAM	NV	-20	-16.9 7	-0.00 7	-2.5	2.5	PASS
Band 7	10	21400	50	#0	16QAM	NV	0	-37.0 2	-0.01 4	-2.5	2.5	PASS
Band 7	10	21400	50	#0	16QAM	NV	10	-6.79	-0.00 3	-2.5	2.5	PASS
Band 7	10	21400	50	#0	16QAM	NV	20	-25.3 2	-0.01 0	-2.5	2.5	PASS
Band 7	15	20825	75	#0	QPSK	NV	-30	-10.5 0	-0.00 4	-2.5	2.5	PASS
Band 7	15	20825	75	#0	QPSK	NV	-20	-19.1 7	-0.00 8	-2.5	2.5	PASS
Band 7	15	20825	75	#0	QPSK	NV	0	-24.3 0	-0.01 0	-2.5	2.5	PASS
Band 7	15	20825	75	#0	QPSK	NV	10	-31.7 0	-0.01 3	-2.5	2.5	PASS
Band 7	15	20825	75	#0	QPSK	NV	20	-33.0 2	-0.01 3	-2.5	2.5	PASS
Band 7	15	20825	75	#0	16QAM	NV	-30	-14.1 8	-0.00 6	-2.5	2.5	PASS
Band 7	15	20825	75	#0	16QAM	NV	-20	-36.5 5	-0.01 5	-2.5	2.5	PASS
Band 7	15	20825	75	#0	16QAM	NV	0	-23.8 0	-0.00 9	-2.5	2.5	PASS
Band 7	15	20825	75	#0	16QAM	NV	10	-30.7 6	-0.01 2	-2.5	2.5	PASS
Band 7	15	20825	75	#0	16QAM	NV	20	-3.92	-0.00 2	-2.5	2.5	PASS
Band 7	15	21100	75	#0	QPSK	NV	-30	-11.40	-0.00 4	-2.5	2.5	PASS
Band 7	15	21100	75	#0	QPSK	NV	-20	-35.9 6	-0.01 4	-2.5	2.5	PASS
Band 7	15	21100	75	#0	QPSK	NV	0	-20.7 9	-0.00 8	-2.5	2.5	PASS
Band 7	15	21100	75	#0	QPSK	NV	10	-28.6 2	-0.011	-2.5	2.5	PASS
Band 7	15	21100	75	#0	QPSK	NV	20	-42.6 6	-0.01 7	-2.5	2.5	PASS

Band 7	15	21100	75	#0	16QAM	NV	-30	-37.0 1	-0.01 5	-2.5	2.5	PASS
Band 7	15	21100	75	#0	16QAM	NV	-20	-27.4 4	-0.011	-2.5	2.5	PASS
Band 7	15	21100	75	#0	16QAM	NV	0	-13.3 3	-0.00 5	-2.5	2.5	PASS
Band 7	15	21100	75	#0	16QAM	NV	10	-11.87	-0.00 5	-2.5	2.5	PASS
Band 7	15	21100	75	#0	16QAM	NV	20	-34.5 8	-0.01 4	-2.5	2.5	PASS
Band 7	15	21375	75	#0	QPSK	NV	-30	-30.7 0	-0.01 2	-2.5	2.5	PASS
Band 7	15	21375	75	#0	QPSK	NV	-20	-16.9 4	-0.00 7	-2.5	2.5	PASS
Band 7	15	21375	75	#0	QPSK	NV	0	-37.9 2	-0.01 5	-2.5	2.5	PASS
Band 7	15	21375	75	#0	QPSK	NV	10	-20.7 6	-0.00 8	-2.5	2.5	PASS
Band 7	15	21375	75	#0	QPSK	NV	20	-18.4 2	-0.00 7	-2.5	2.5	PASS
Band 7	15	21375	75	#0	16QAM	NV	-30	-35.7 3	-0.01 4	-2.5	2.5	PASS
Band 7	15	21375	75	#0	16QAM	NV	-20	-45.6 8	-0.01 8	-2.5	2.5	PASS
Band 7	15	21375	75	#0	16QAM	NV	0	-30.3 8	-0.01 2	-2.5	2.5	PASS
Band 7	15	21375	75	#0	16QAM	NV	10	-45.8 9	-0.01 8	-2.5	2.5	PASS
Band 7	15	21375	75	#0	16QAM	NV	20	-0.47	0.000	-2.5	2.5	PASS
Band 7	20	20850	100	#0	QPSK	NV	-30	-22.8 5	-0.00 9	-2.5	2.5	PASS
Band 7	20	20850	100	#0	QPSK	NV	-20	1.42	0.001	-2.5	2.5	PASS
Band 7	20	20850	100	#0	QPSK	NV	0	4.41	0.002	-2.5	2.5	PASS
Band 7	20	20850	100	#0	QPSK	NV	10	-10.3 3	-0.00 4	-2.5	2.5	PASS
Band 7	20	20850	100	#0	QPSK	NV	20	-37.2 5	-0.01 5	-2.5	2.5	PASS
Band 7	20	20850	100	#0	16QAM	NV	-30	-26.8 9	-0.011	-2.5	2.5	PASS
Band 7	20	20850	100	#0	16QAM	NV	-20	-2.89	-0.00 1	-2.5	2.5	PASS

Band 7	20	20850	100	#0	16QAM	NV	0	-22.2 7	-0.00 9	-2.5	2.5	PASS
Band 7	20	20850	100	#0	16QAM	NV	10	-34.1 6	-0.01 4	-2.5	2.5	PASS
Band 7	20	20850	100	#0	16QAM	NV	20	-13.5 2	-0.00 5	-2.5	2.5	PASS
Band 7	20	21100	100	#0	QPSK	NV	-30	-21.9 7	-0.00 9	-2.5	2.5	PASS
Band 7	20	21100	100	#0	QPSK	NV	-20	-36.8 2	-0.01 5	-2.5	2.5	PASS
Band 7	20	21100	100	#0	QPSK	NV	0	-25.9 5	-0.01 0	-2.5	2.5	PASS
Band 7	20	21100	100	#0	QPSK	NV	10	-35.3 3	-0.01 4	-2.5	2.5	PASS
Band 7	20	21100	100	#0	QPSK	NV	20	-6.72 3	-0.00 3	-2.5	2.5	PASS
Band 7	20	21100	100	#0	16QAM	NV	-30	3.56	0.001	-2.5	2.5	PASS
Band 7	20	21100	100	#0	16QAM	NV	-20	3.06	0.001	-2.5	2.5	PASS
Band 7	20	21100	100	#0	16QAM	NV	0	-14.0 5	-0.00 6	-2.5	2.5	PASS
Band 7	20	21100	100	#0	16QAM	NV	10	-30.2 4	-0.01 2	-2.5	2.5	PASS
Band 7	20	21100	100	#0	16QAM	NV	20	-18.1 5	-0.00 7	-2.5	2.5	PASS
Band 7	20	21350	100	#0	QPSK	NV	-30	-1.33	-0.00 1	-2.5	2.5	PASS
Band 7	20	21350	100	#0	QPSK	NV	-20	-14.9 1	-0.00 6	-2.5	2.5	PASS
Band 7	20	21350	100	#0	QPSK	NV	0	-31.6 0	-0.01 2	-2.5	2.5	PASS
Band 7	20	21350	100	#0	QPSK	NV	10	0.26	0.000	-2.5	2.5	PASS
Band 7	20	21350	100	#0	QPSK	NV	20	-17.9 5	-0.00 7	-2.5	2.5	PASS
Band 7	20	21350	100	#0	16QAM	NV	-30	-32.4 3	-0.01 3	-2.5	2.5	PASS
Band 7	20	21350	100	#0	16QAM	NV	-20	-44.7 3	-0.01 7	-2.5	2.5	PASS
Band 7	20	21350	100	#0	16QAM	NV	0	-19.4 1	-0.00 8	-2.5	2.5	PASS
Band 7	20	21350	100	#0	16QAM	NV	10	-31.0 7	-0.01 2	-2.5	2.5	PASS

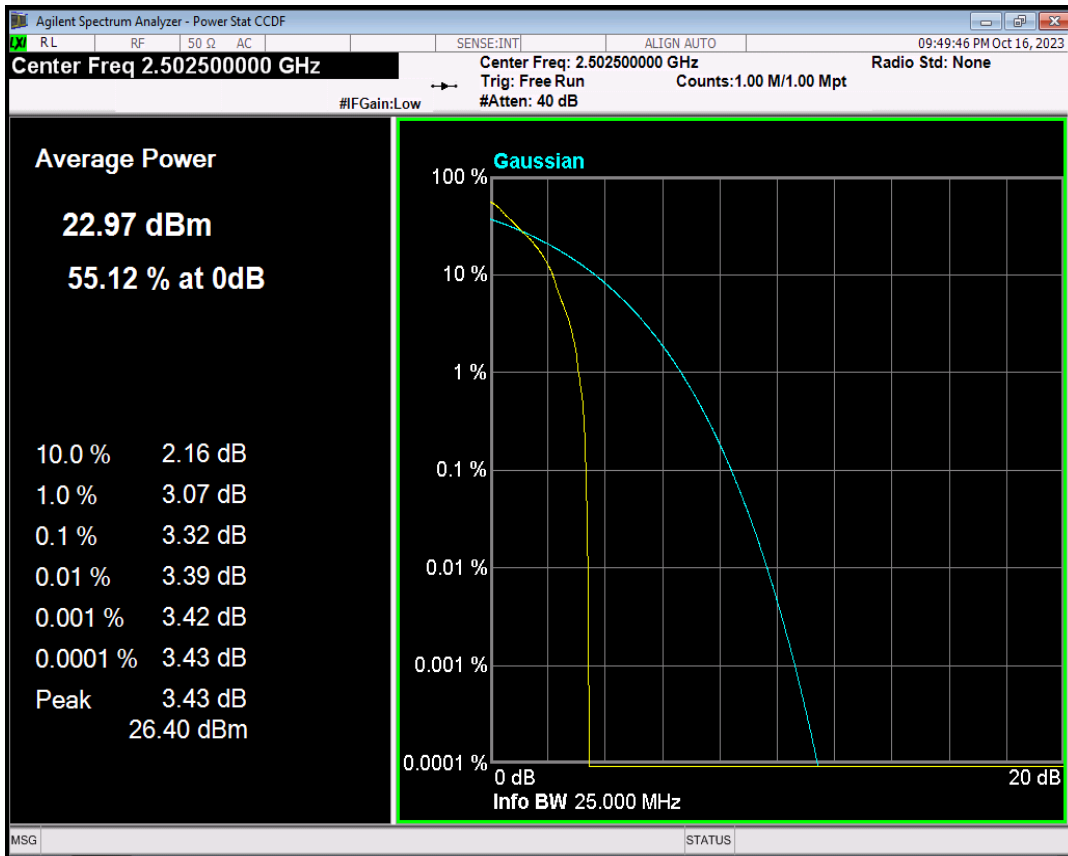
Band	20	21350	100	#0	16QAM	NV	20	-44.2	-0.01	-2.5	2.5	PASS
7								2	7			



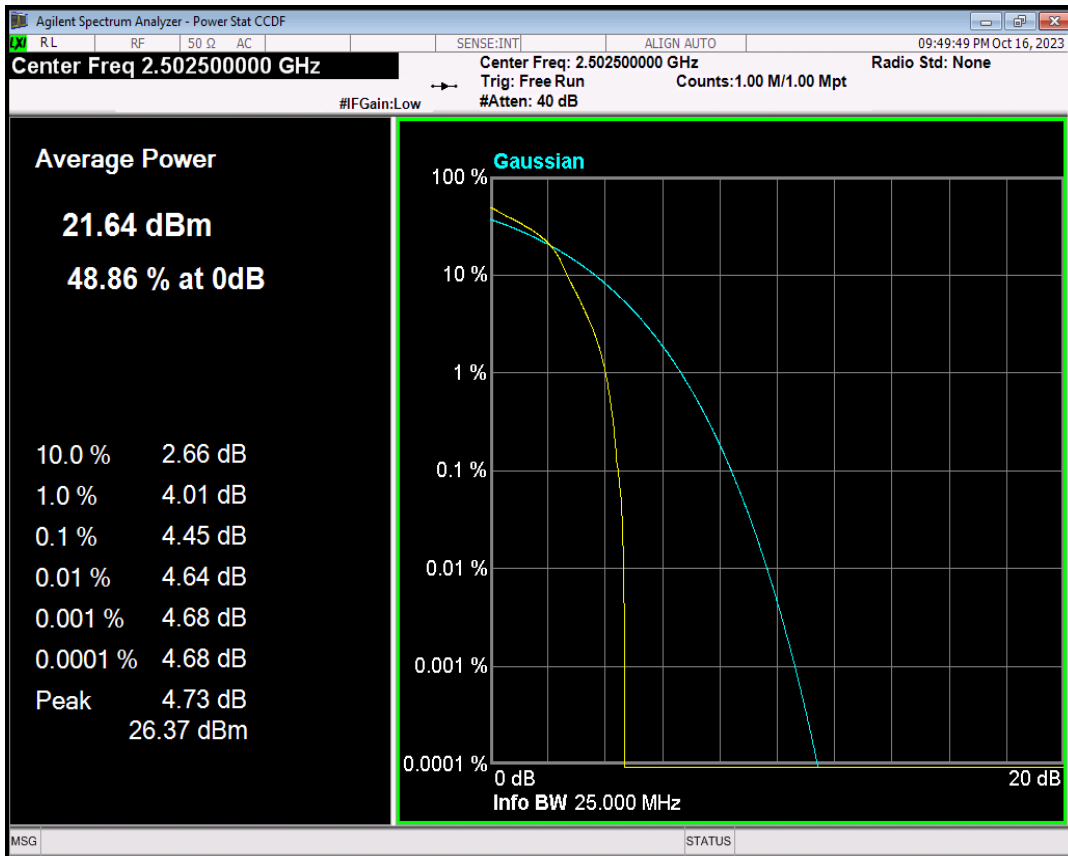
Appendix 3. Peak-to-Average Ratio

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
Band7	5	20775	1	#0	QPSK	3.32	13	PASS
Band7	5	20775	1	#0	16QAM	4.45	13	PASS
Band7	5	21100	1	#0	QPSK	4.36	13	PASS
Band7	5	21100	1	#0	16QAM	5.14	13	PASS
Band7	5	21425	1	#0	QPSK	4.24	13	PASS
Band7	5	21425	1	#0	16QAM	5.21	13	PASS
Band7	10	20800	1	#0	QPSK	3.24	13	PASS
Band7	10	20800	1	#0	16QAM	4.20	13	PASS
Band7	10	21100	1	#0	QPSK	4.62	13	PASS
Band7	10	21100	1	#0	16QAM	5.46	13	PASS
Band7	10	21400	1	#0	QPSK	3.19	13	PASS
Band7	10	21400	1	#0	16QAM	4.41	13	PASS
Band7	15	20825	1	#0	QPSK	3.20	13	PASS
Band7	15	20825	1	#0	16QAM	4.15	13	PASS
Band7	15	21100	1	#0	QPSK	4.62	13	PASS
Band7	15	21100	1	#0	16QAM	5.53	13	PASS
Band7	15	21375	1	#0	QPSK	2.85	13	PASS
Band7	15	21375	1	#0	16QAM	3.64	13	PASS
Band7	20	20850	1	#0	QPSK	3.05	13	PASS
Band7	20	20850	1	#0	16QAM	3.95	13	PASS
Band7	20	21100	1	#0	QPSK	4.39	13	PASS
Band7	20	21100	1	#0	16QAM	5.30	13	PASS
Band7	20	21350	1	#0	QPSK	2.85	13	PASS
Band7	20	21350	1	#0	16QAM	3.64	13	PASS

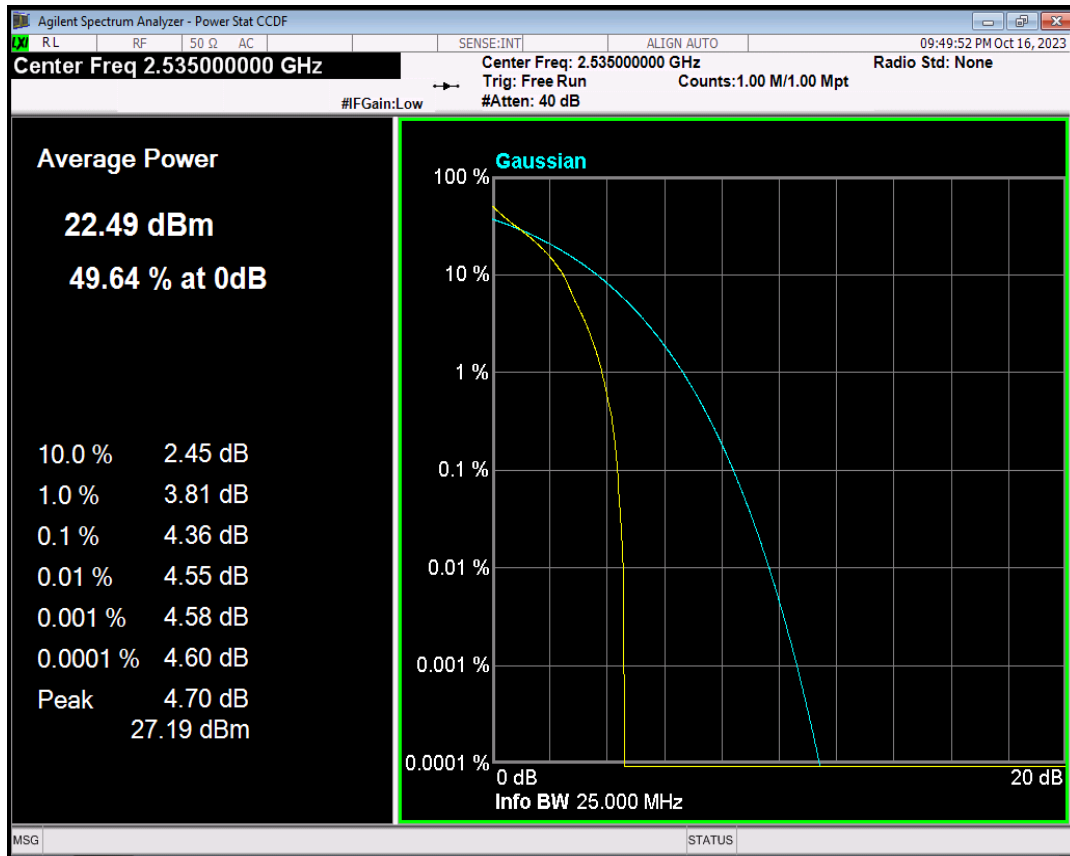
Band7 QPSK BW=5MHz Channel=20775 RB Size=1 Position=#0



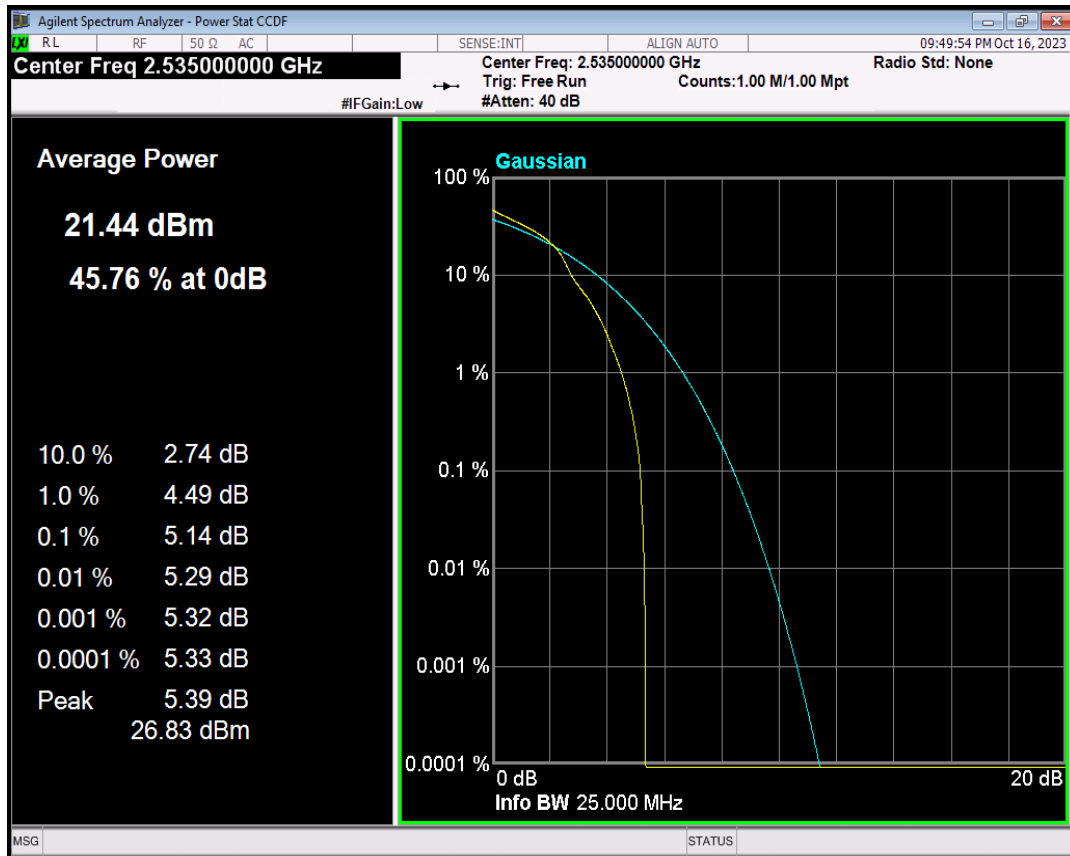
Band7 16QAM BW=5MHz Channel=20775 RB Size=1 Position=#0



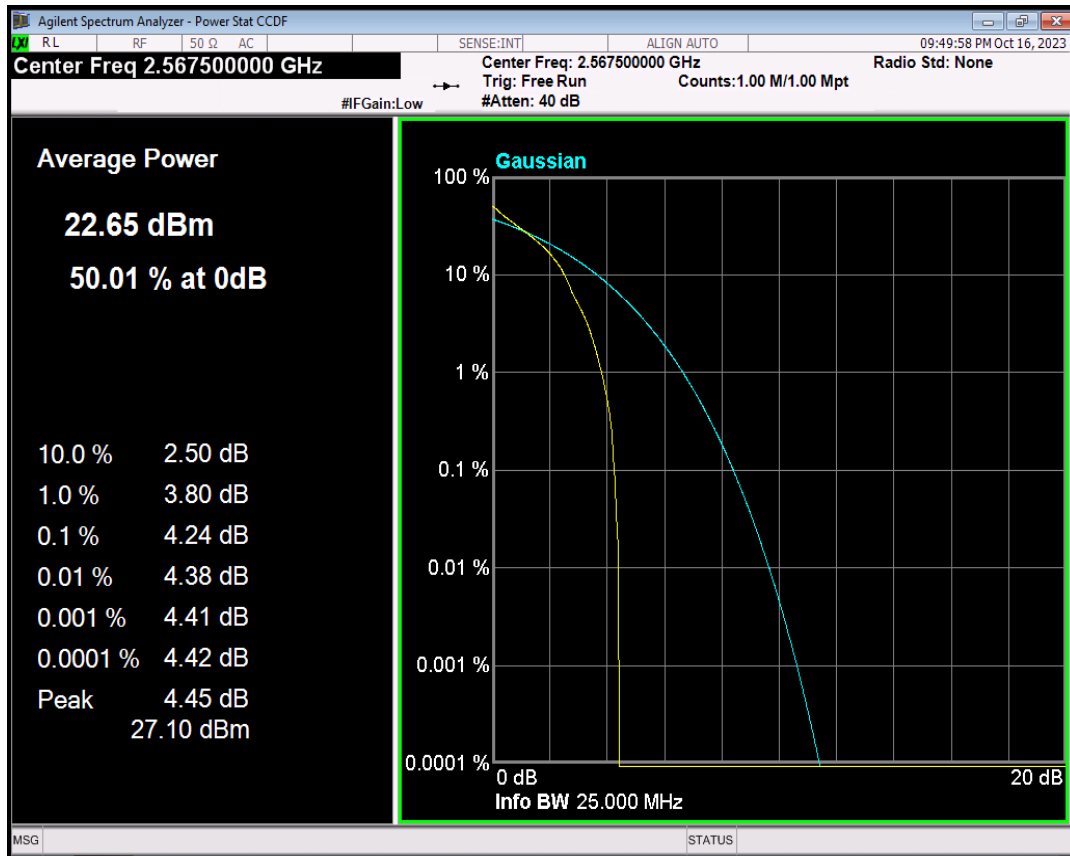
Band7 QPSK BW=5MHz Channel=21100 RB Size=1 Position=#0



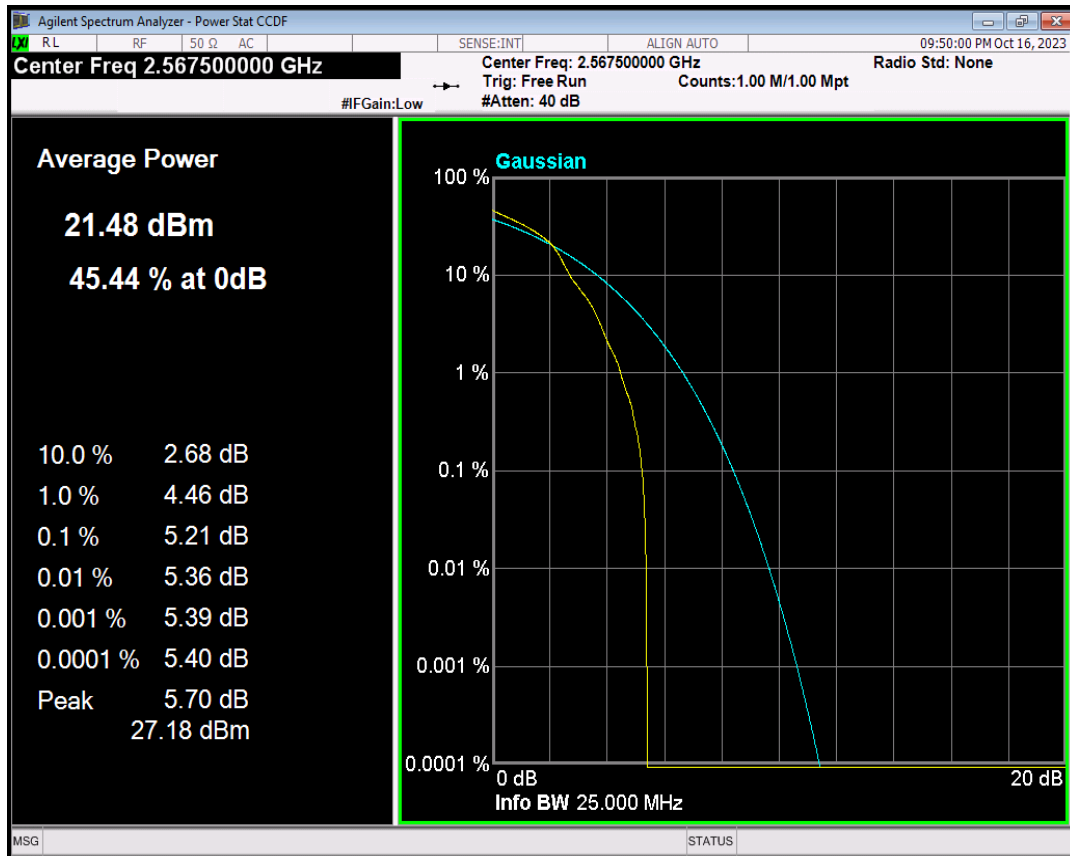
Band7 16QAM BW=5MHz Channel=21100 RB Size=1 Position=#0



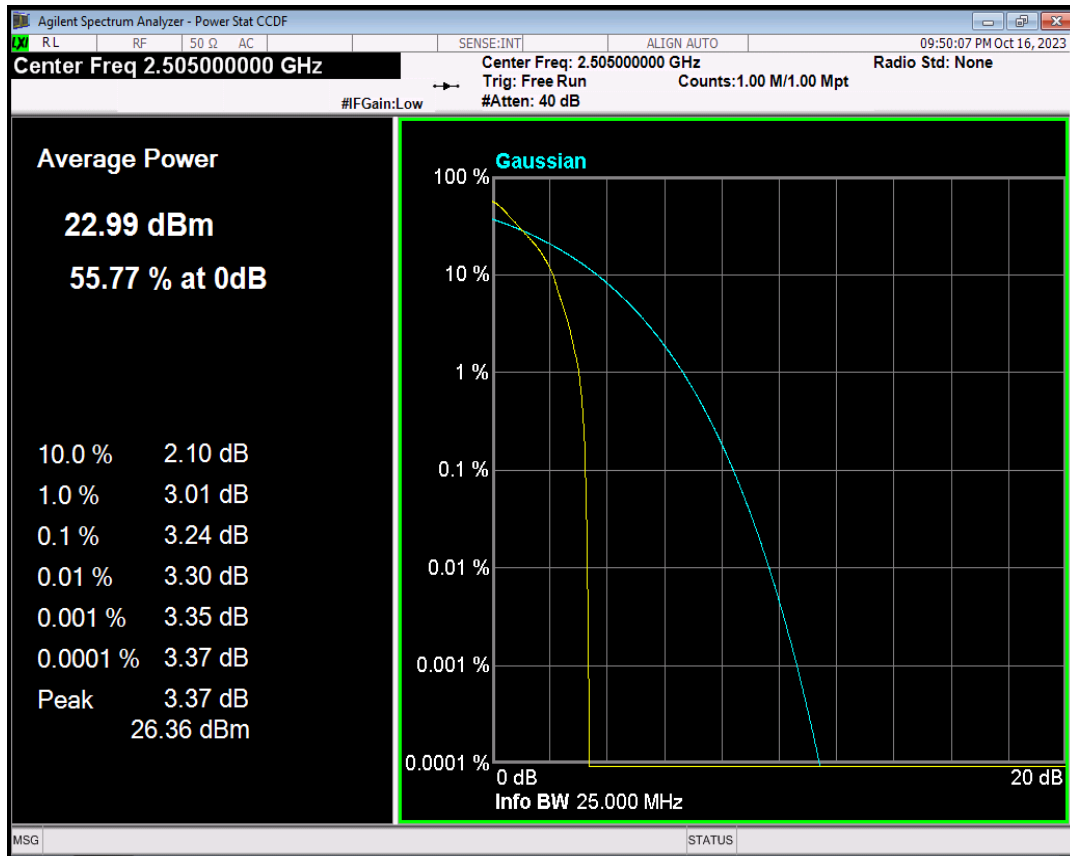
Band7 QPSK BW=5MHz Channel=21425 RB Size=1 Position=#0



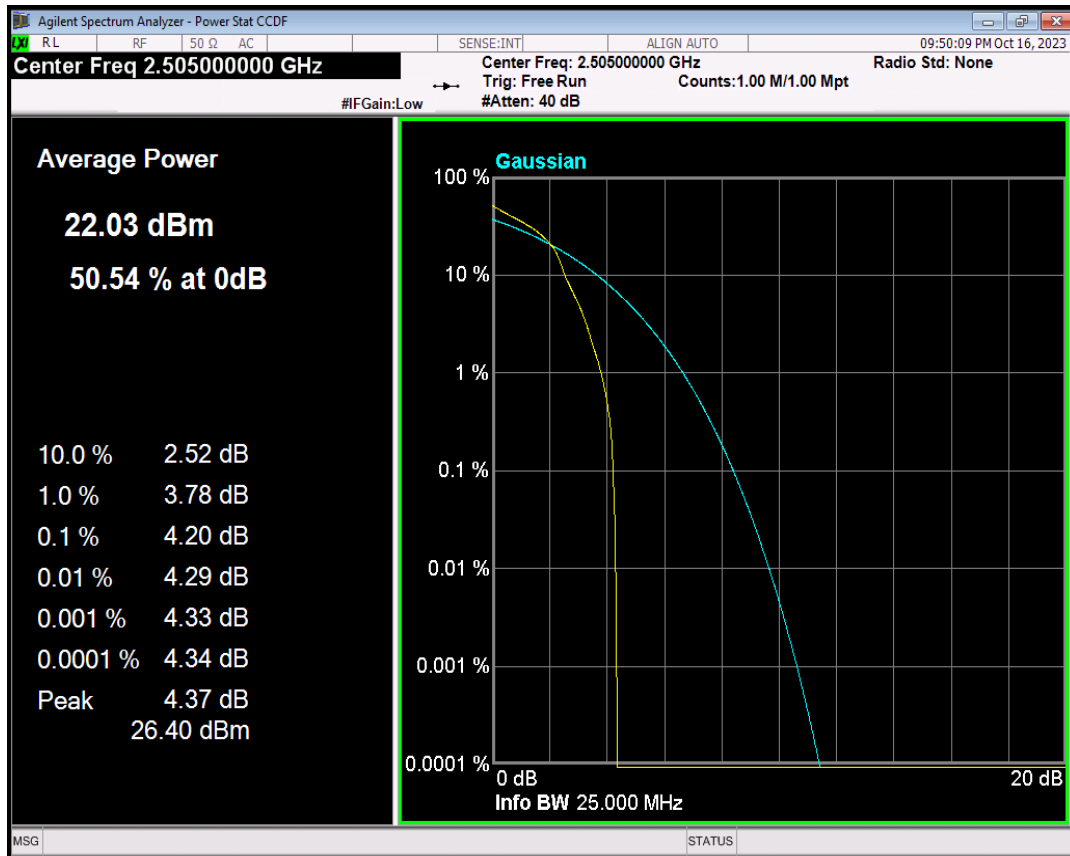
Band7 16QAM BW=5MHz Channel=21425 RB Size=1 Position=#0



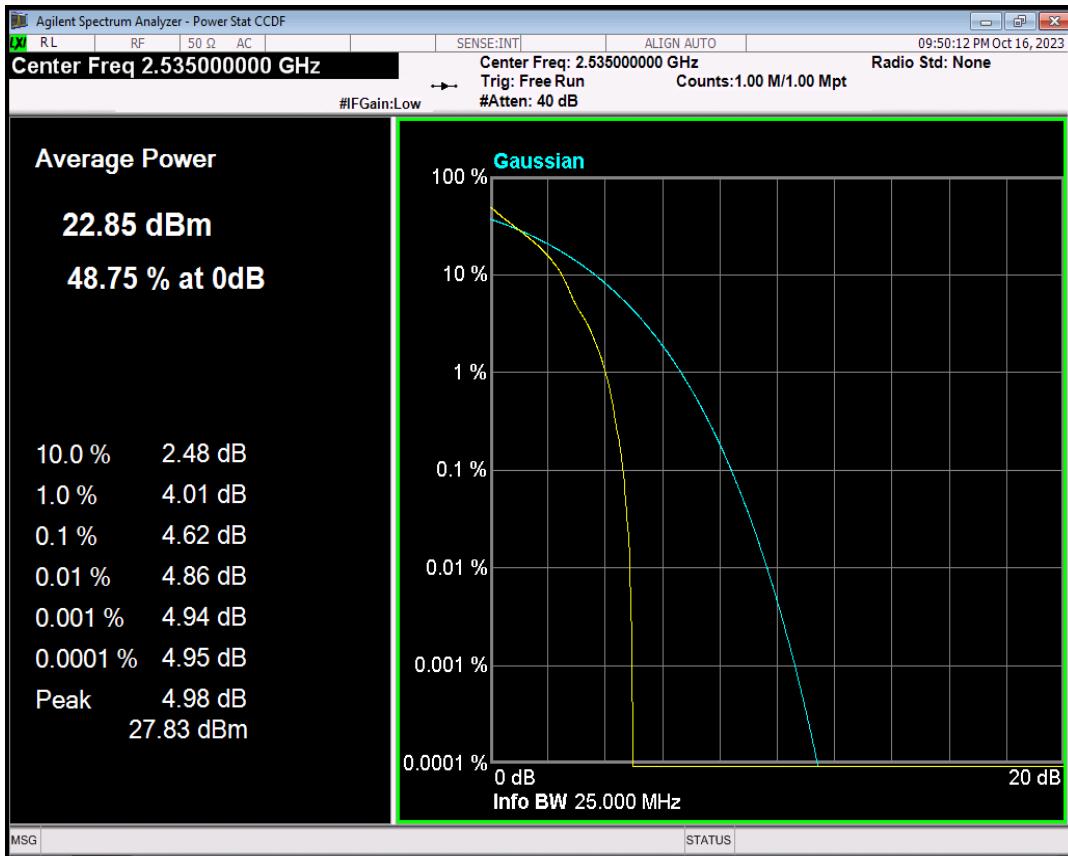
Band7 QPSK BW=10MHz Channel=20800 RB Size=1 Position=#0



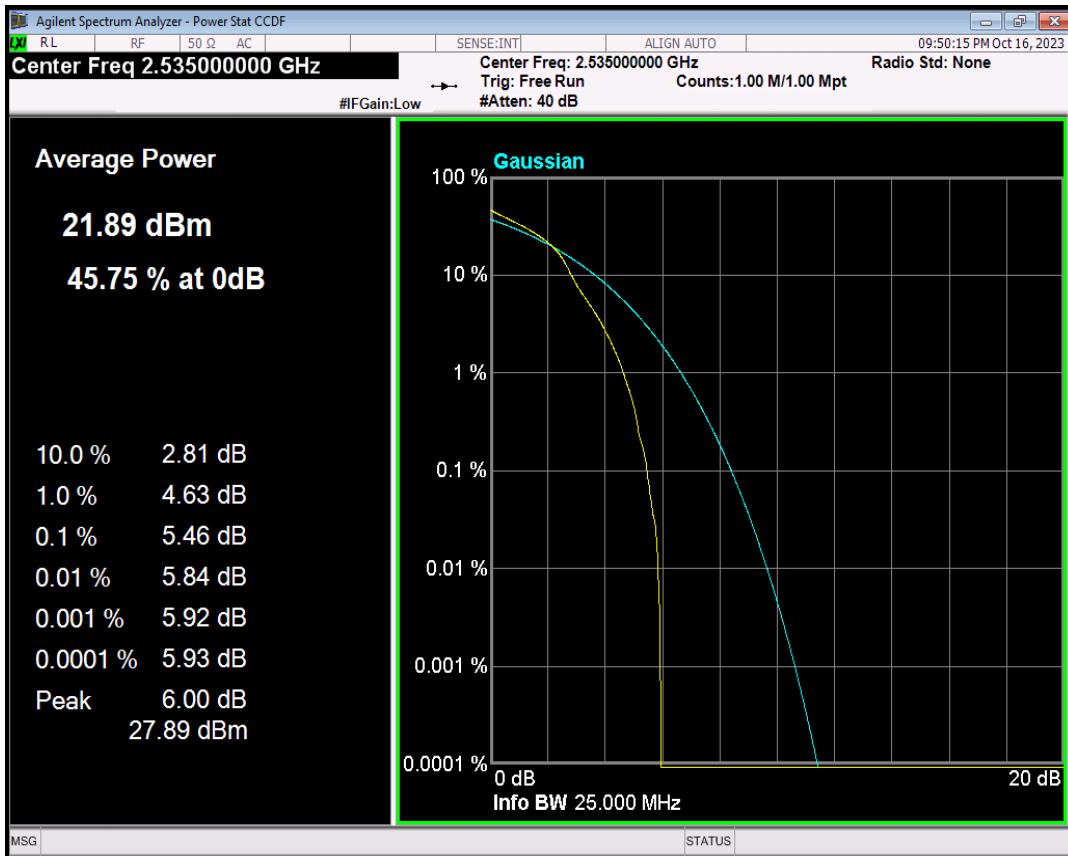
Band7 16QAM BW=10MHz Channel=20800 RB Size=1 Position=#0



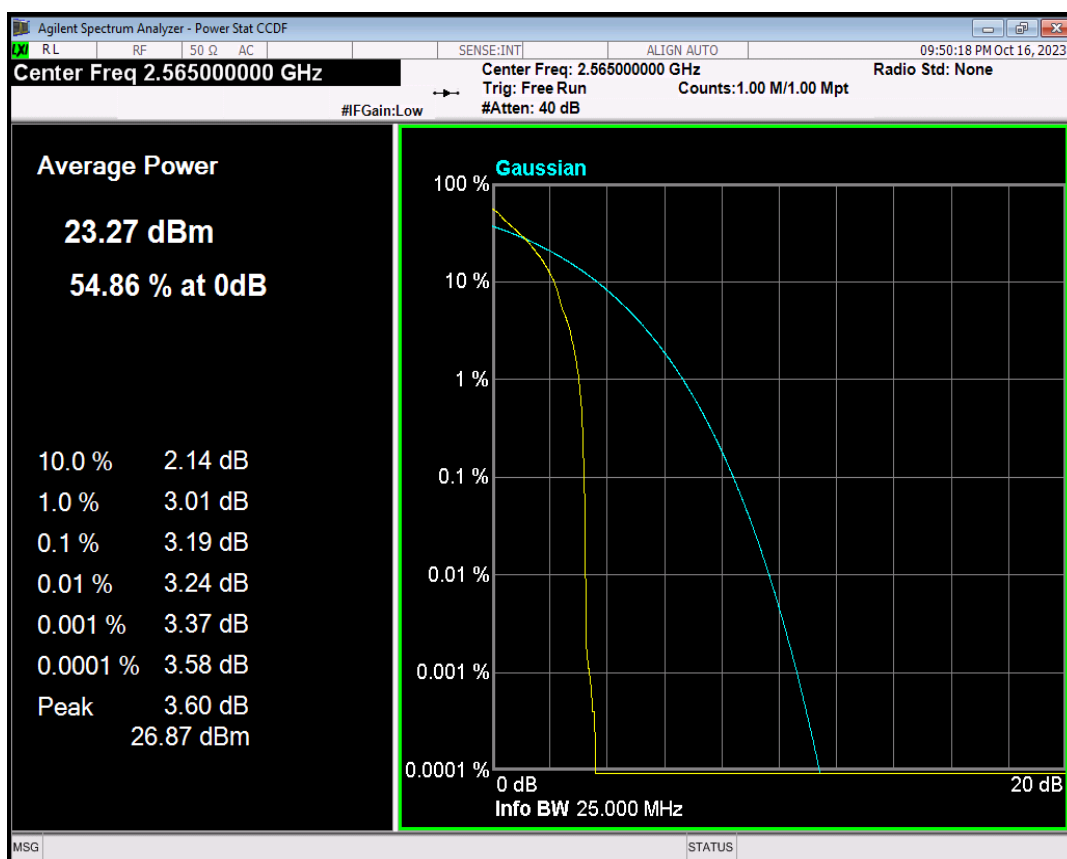
Band7 QPSK BW=10MHz Channel=21100 RB Size=1 Position=#0



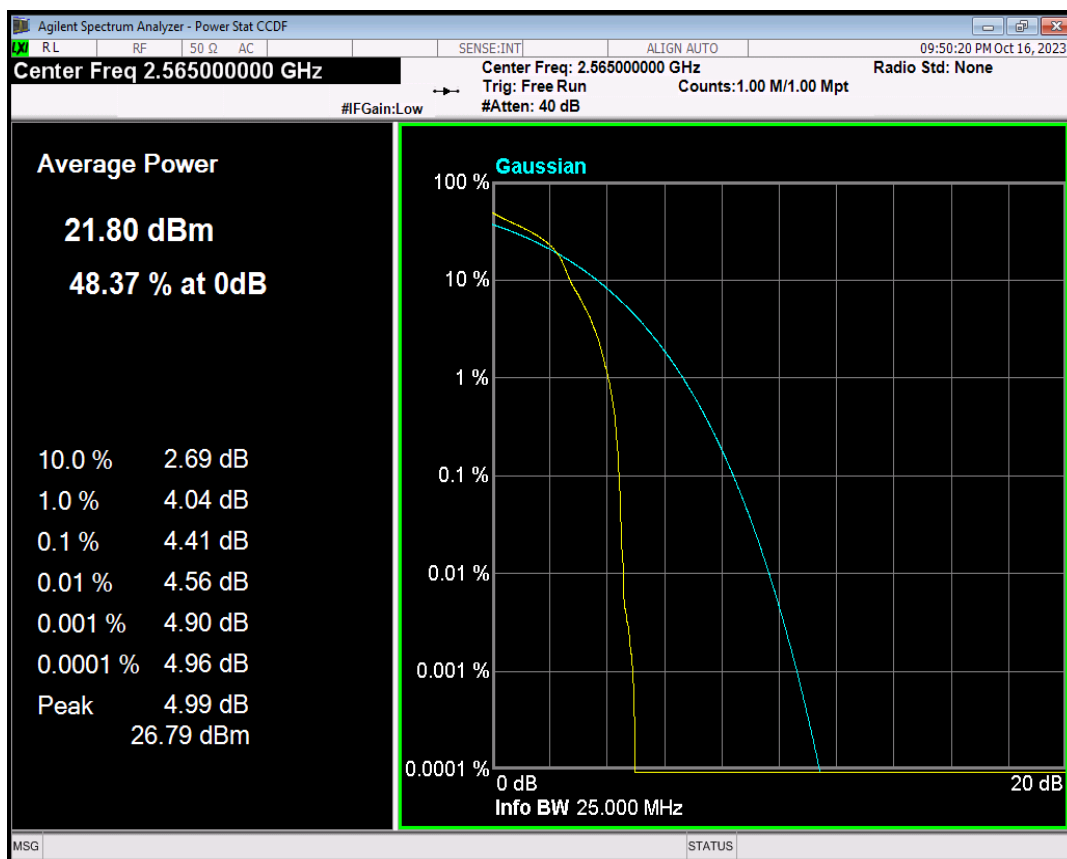
Band7 16QAM BW=10MHz Channel=21100 RB Size=1 Position=#0



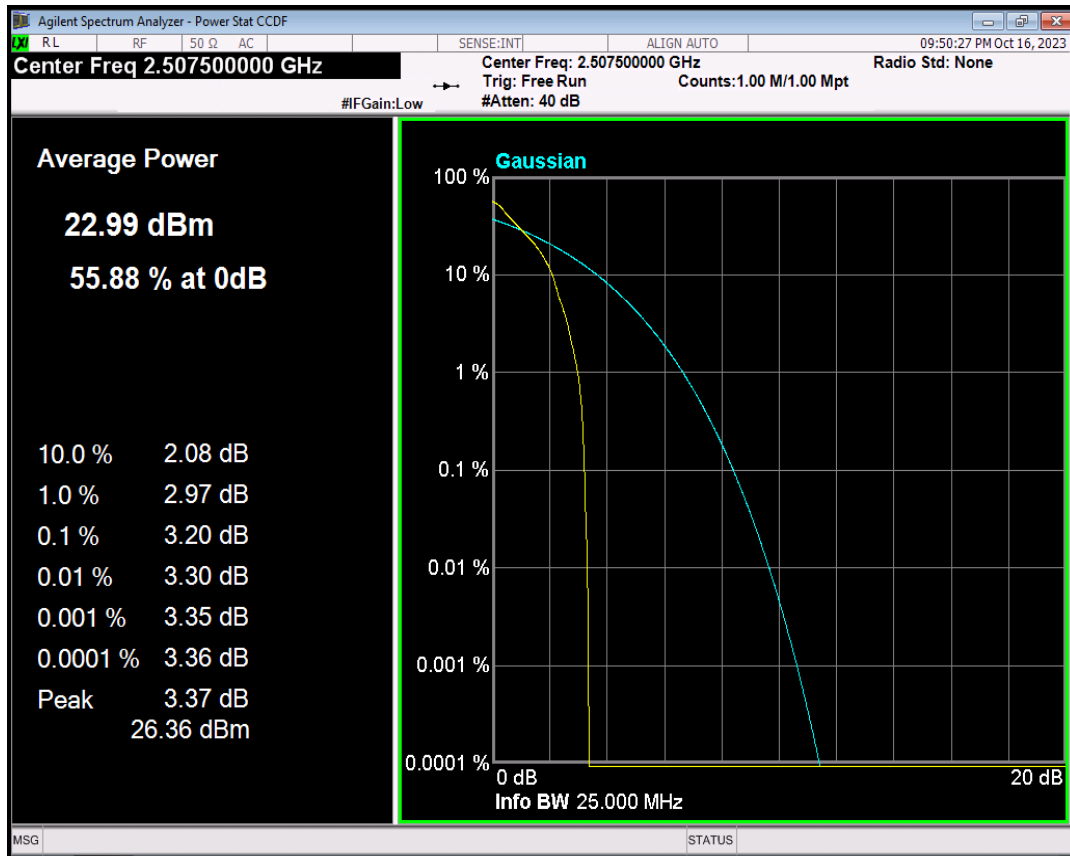
Band7 QPSK BW=10MHz Channel=21400 RB Size=1 Position=#0



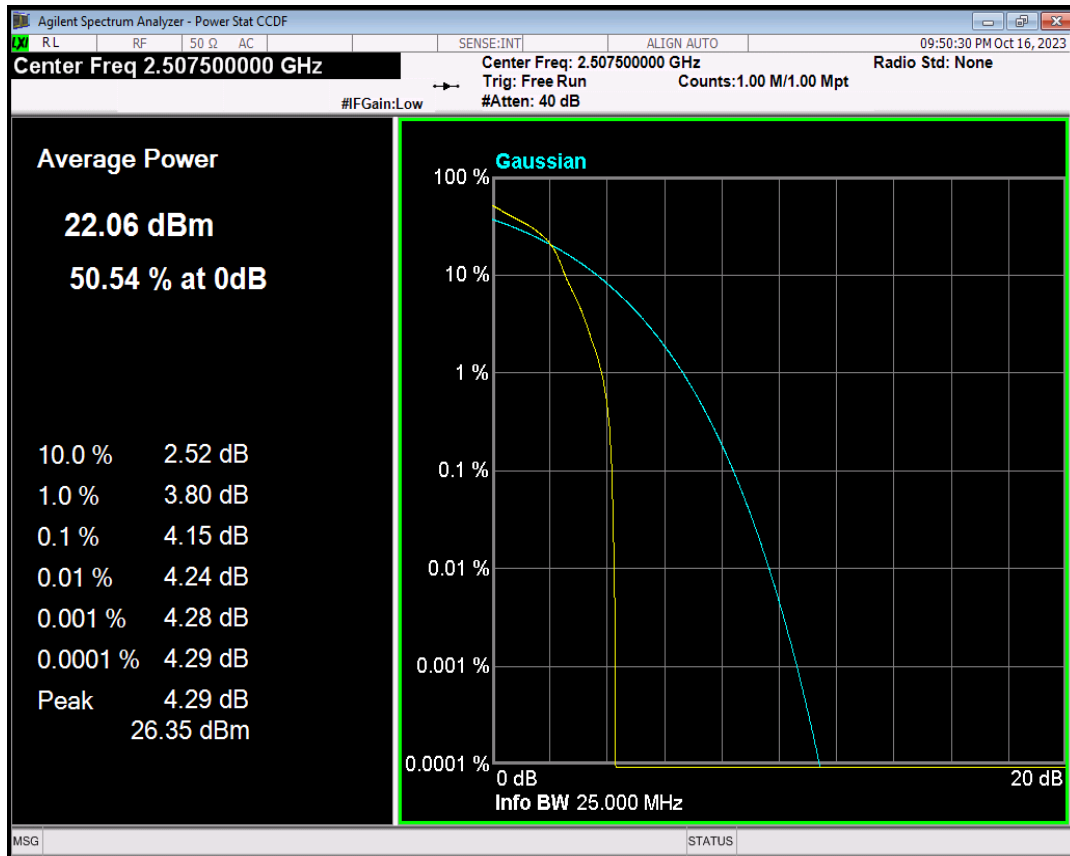
Band7 16QAM BW=10MHz Channel=21400 RB Size=1 Position=#0



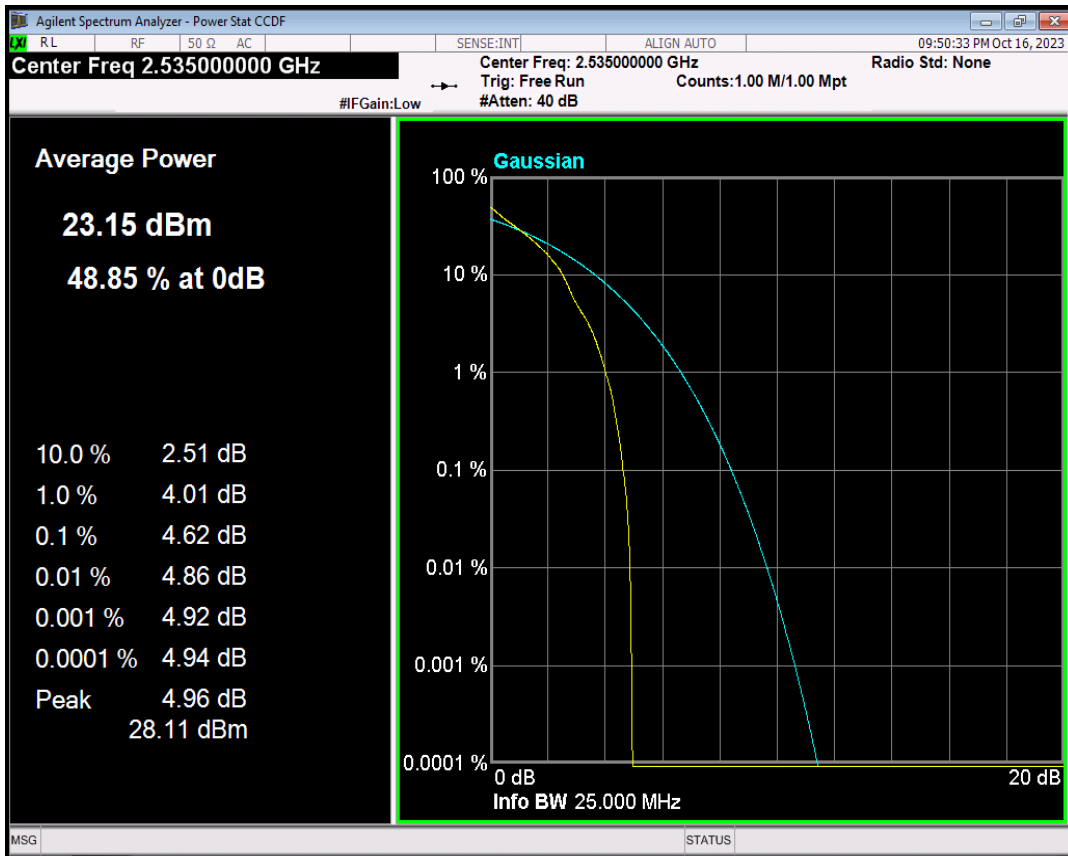
Band7 QPSK BW=15MHz Channel=20825 RB Size=1 Position=#0



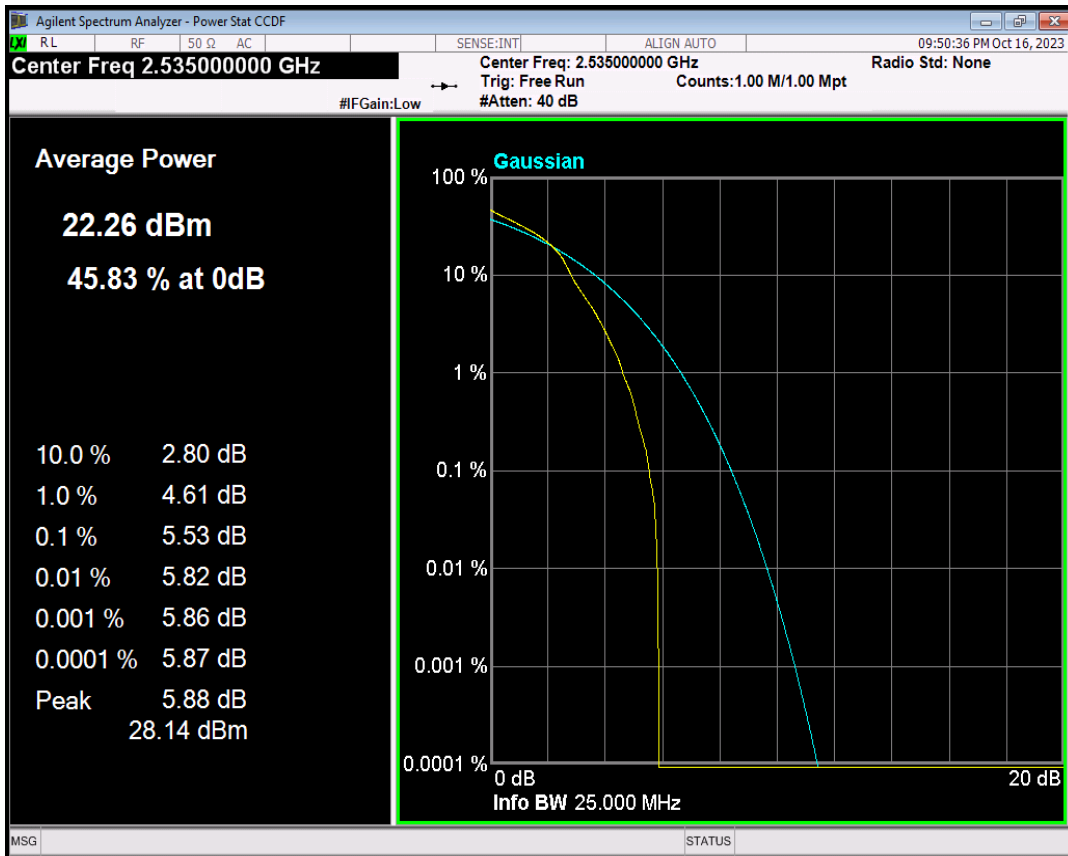
Band7 16QAM BW=15MHz Channel=20825 RB Size=1 Position=#0



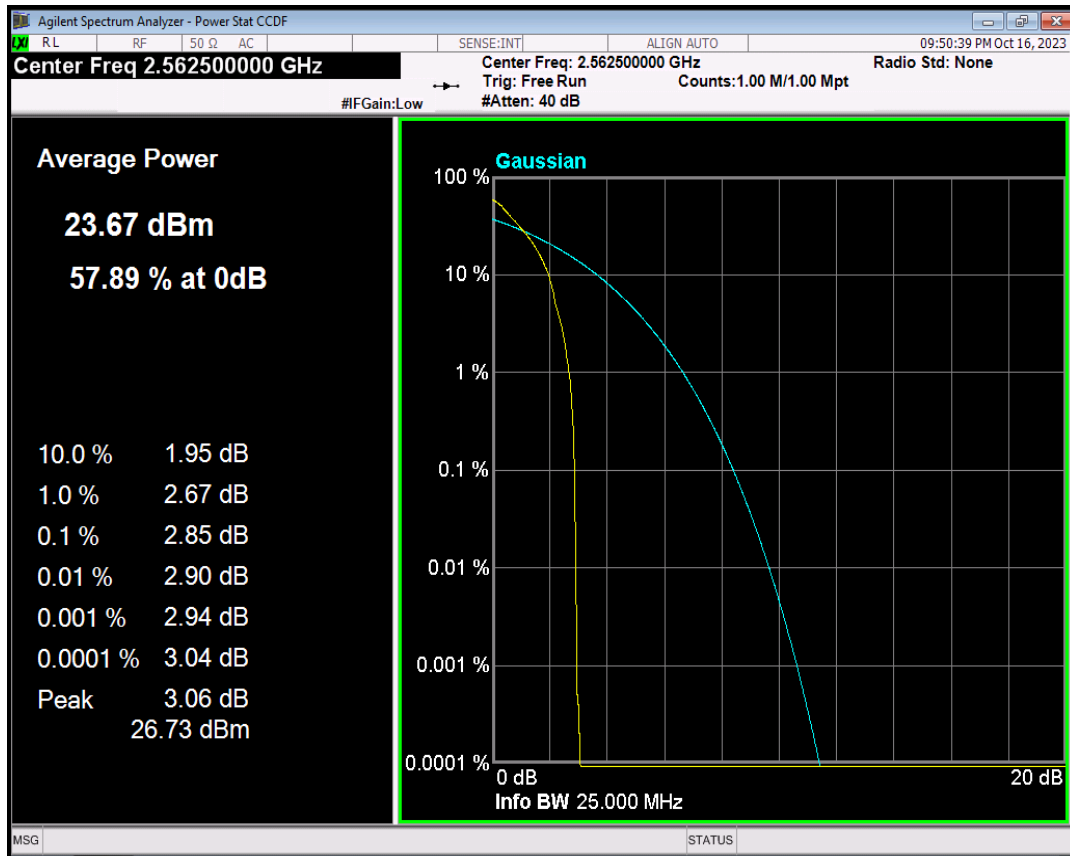
Band7 QPSK BW=15MHz Channel=21100 RB Size=1 Position=#0



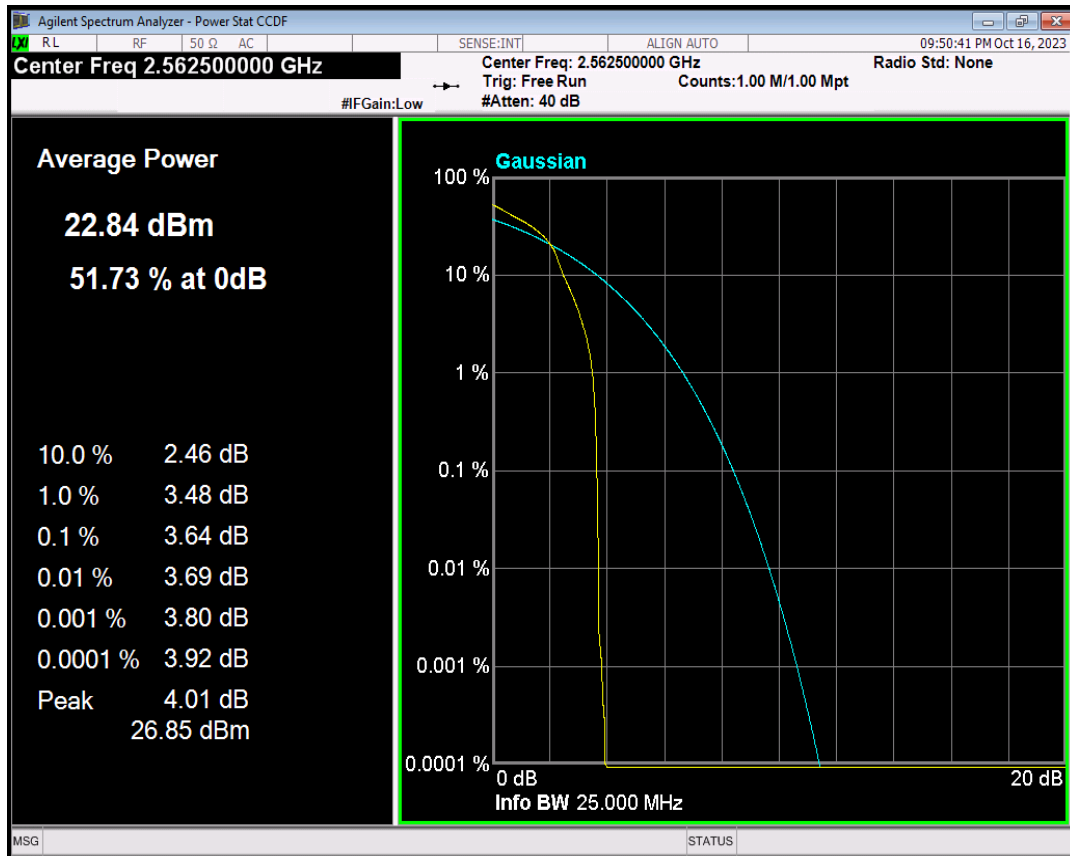
Band7 16QAM BW=15MHz Channel=21100 RB Size=1 Position=#0



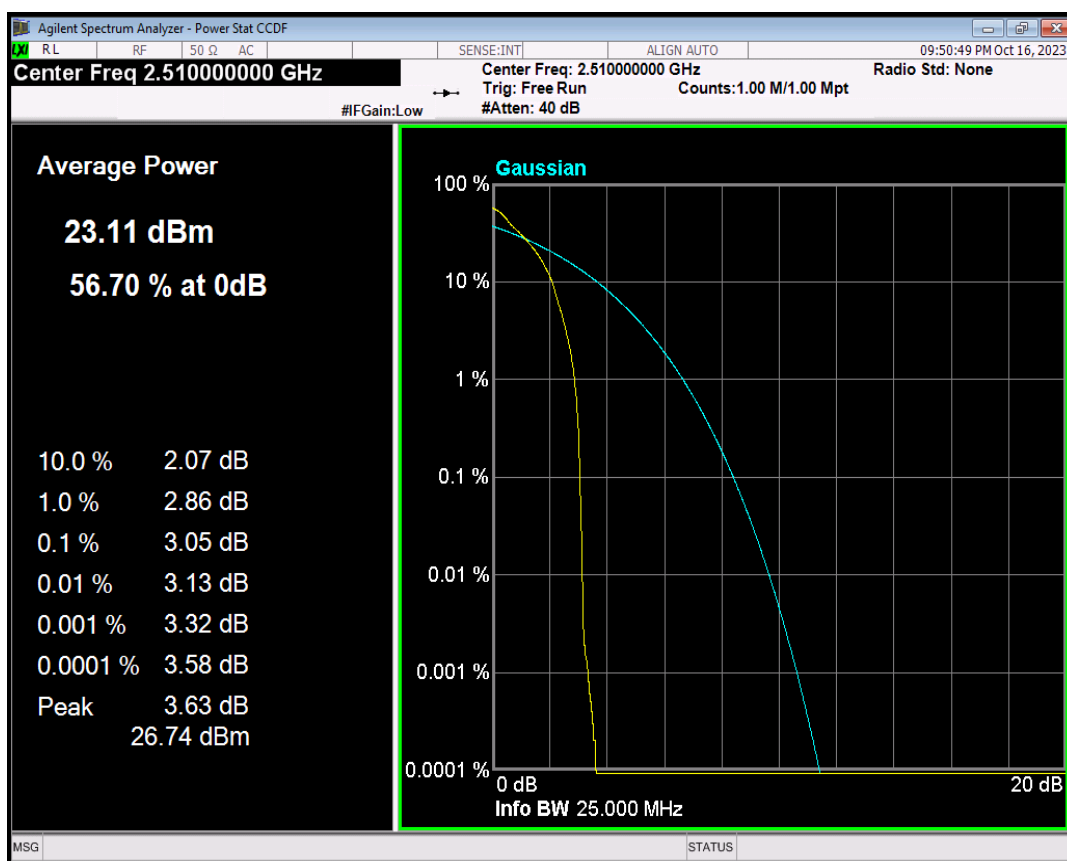
Band7 QPSK BW=15MHz Channel=21375 RB Size=1 Position=#0



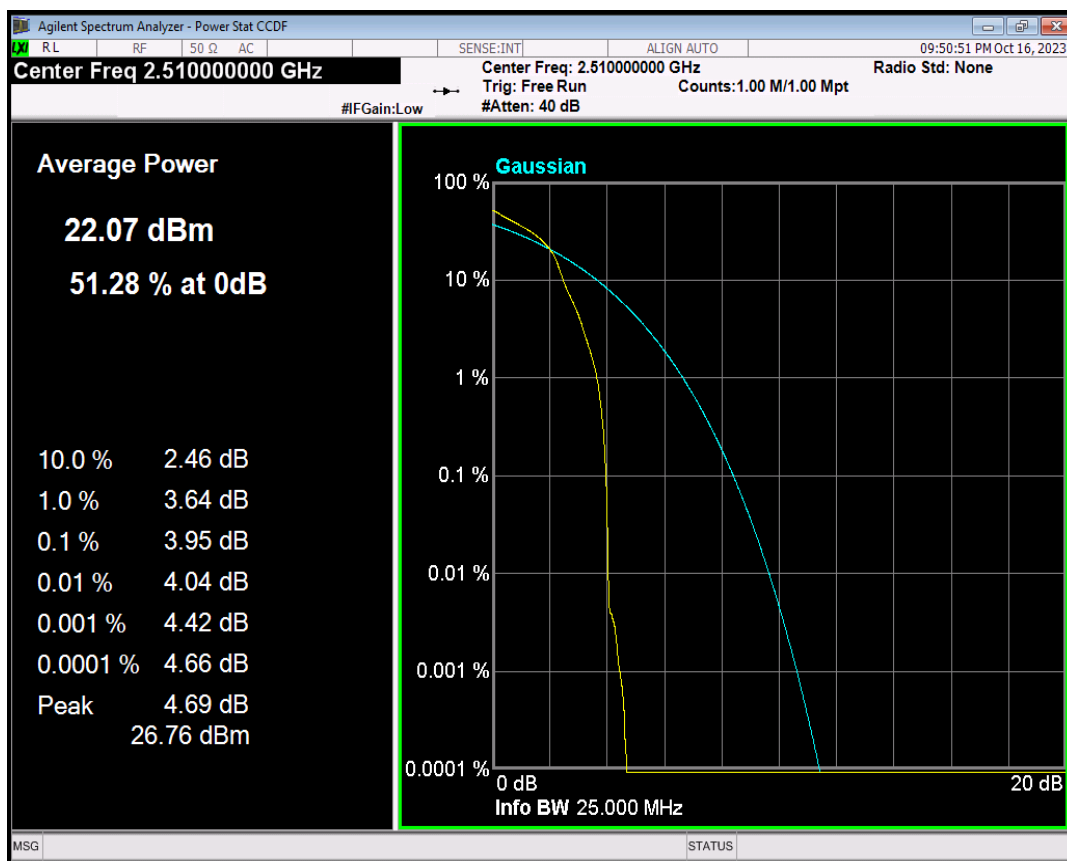
Band7 16QAM BW=15MHz Channel=21375 RB Size=1 Position=#0



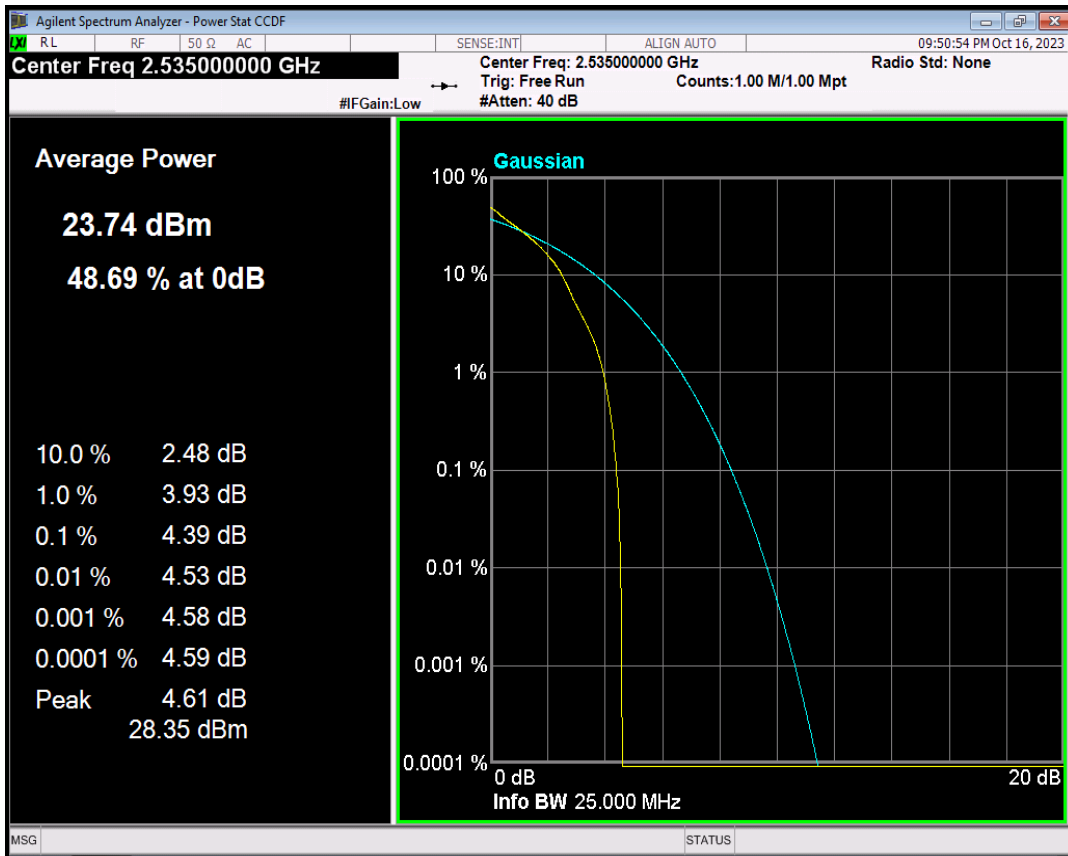
Band7 QPSK BW=20MHz Channel=20850 RB Size=1 Position=#0



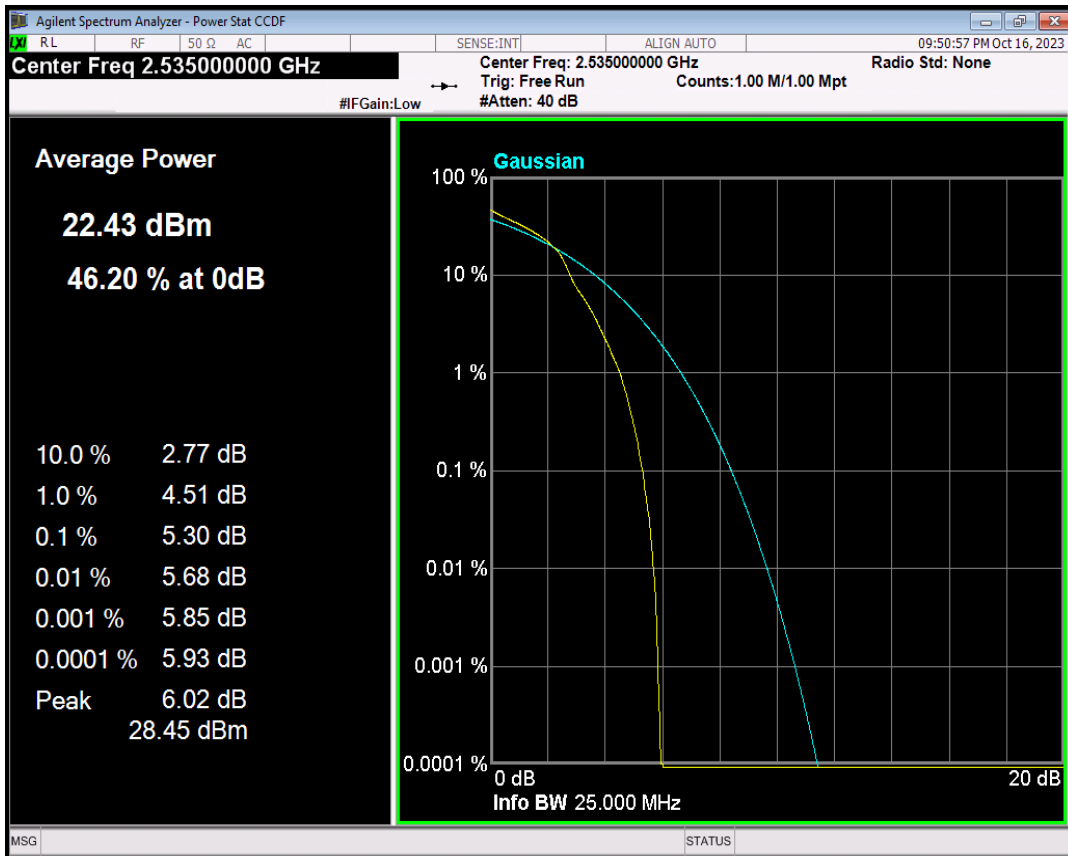
Band7 16QAM BW=20MHz Channel=20850 RB Size=1 Position=#0



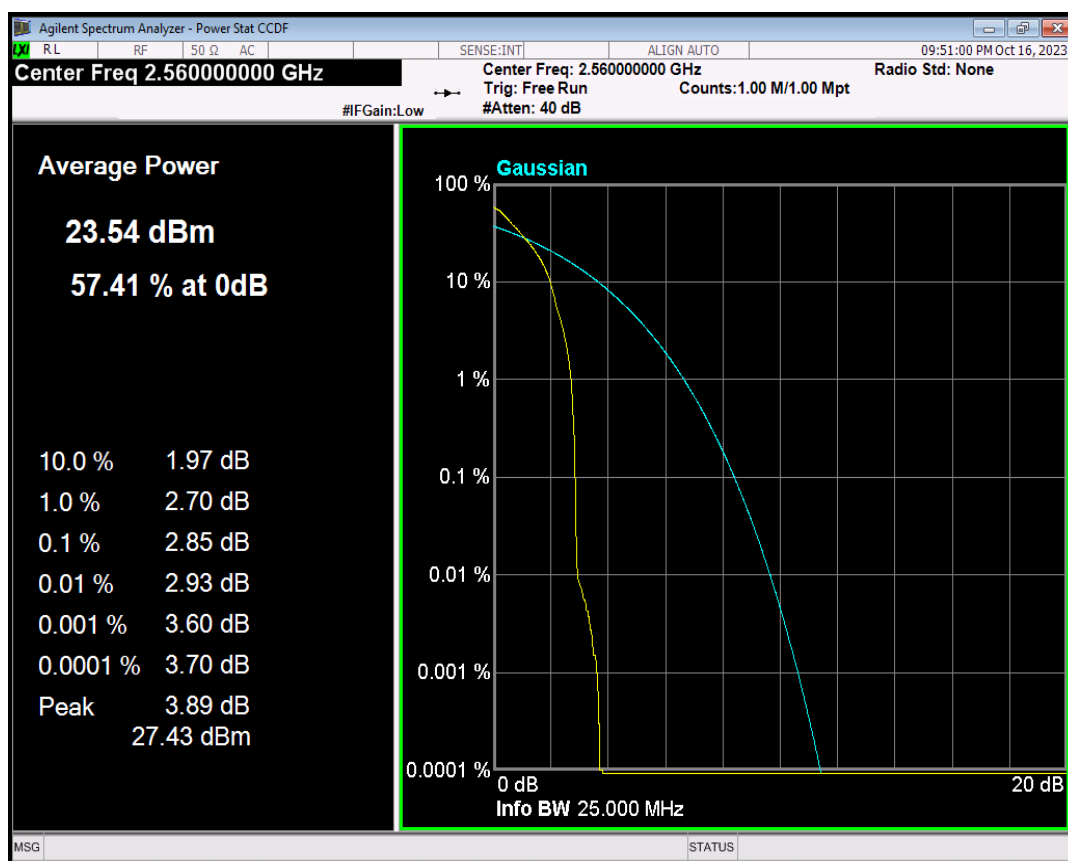
Band7 QPSK BW=20MHz Channel=21100 RB Size=1 Position=#0



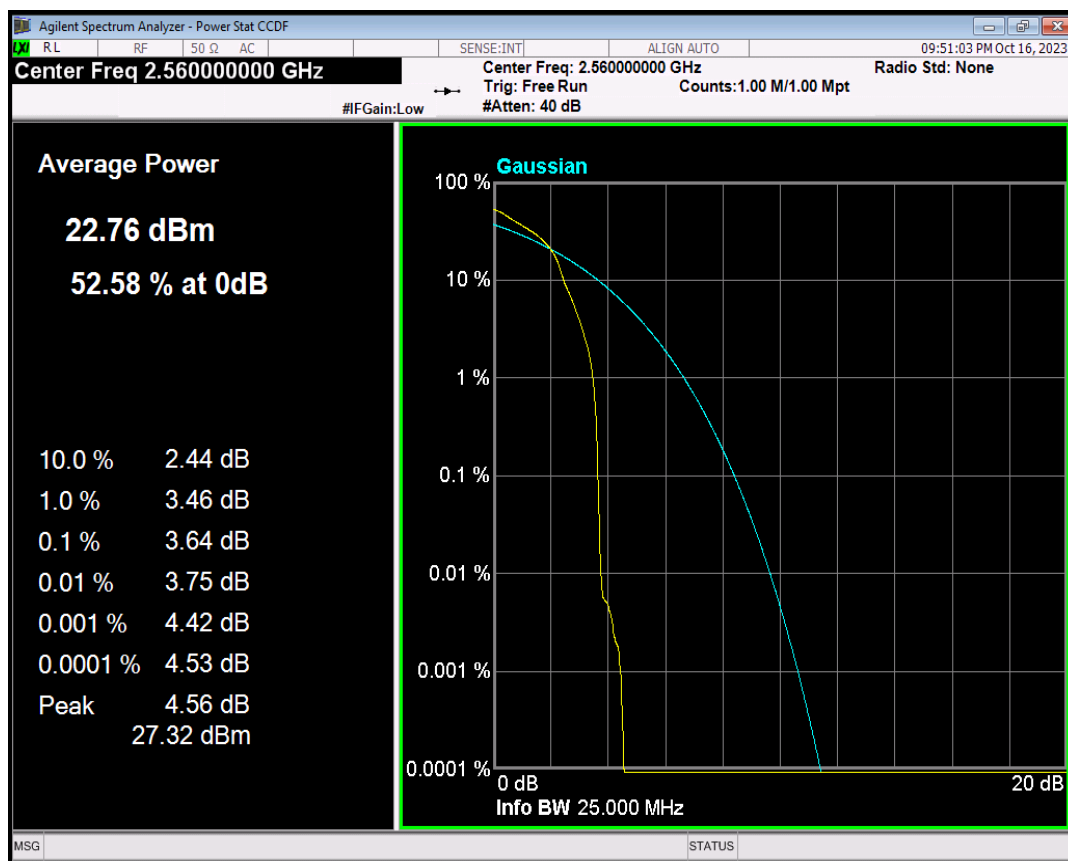
Band7 16QAM BW=20MHz Channel=21100 RB Size=1 Position=#0



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



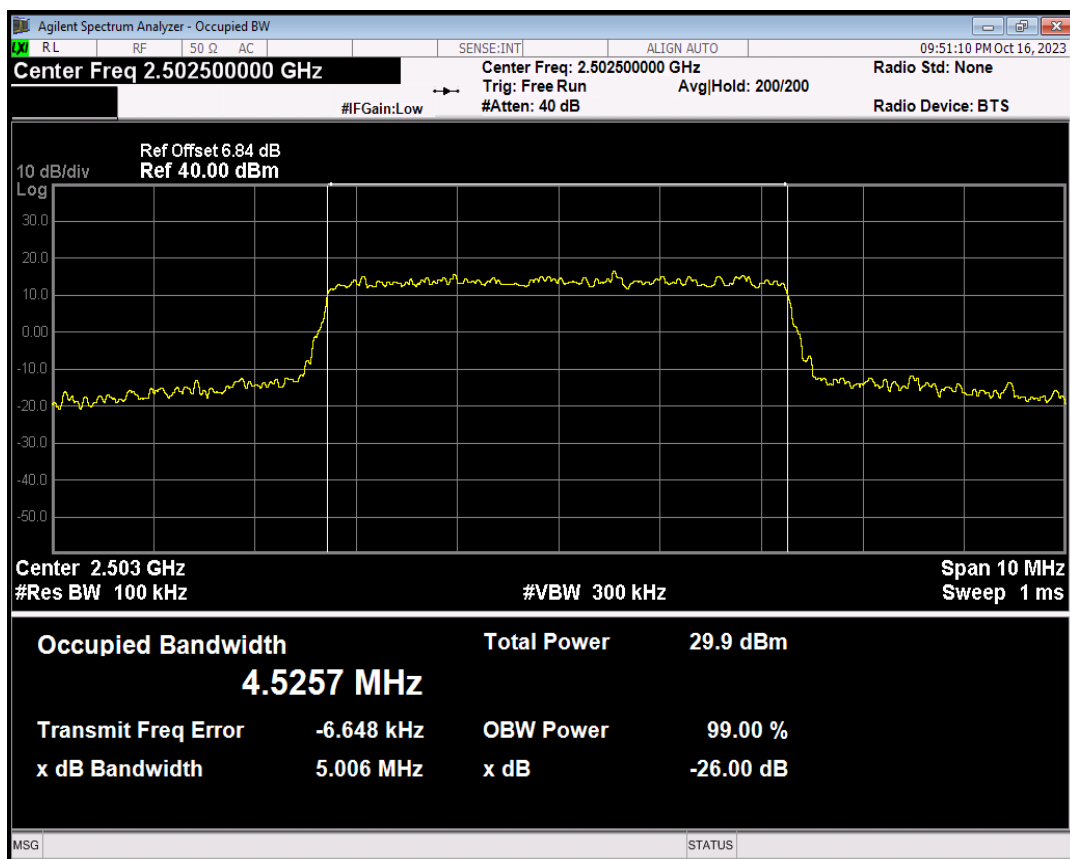
Band7 16QAM BW=20MHz Channel=21350 RB Size=1 Position=#0



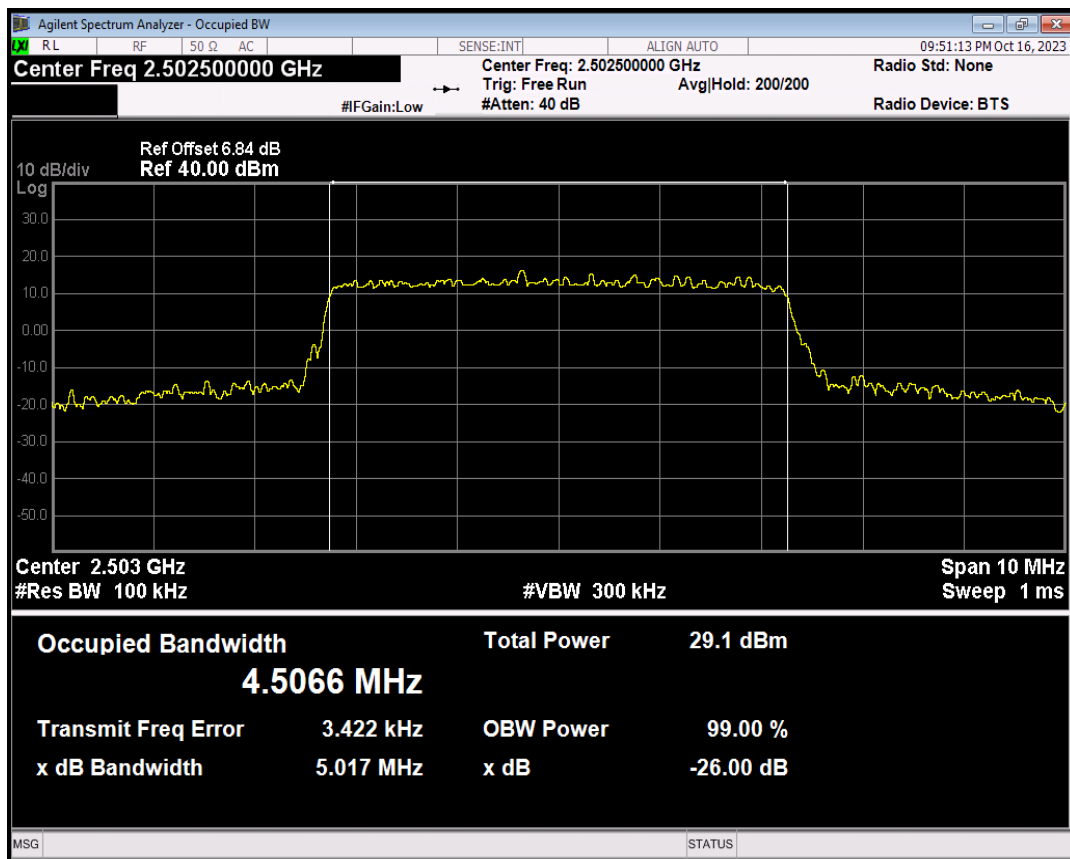
Appendix 4. Occupied bandwidth

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
Band7	5	20775	25	#0	QPSK	4.526	5.006	PASS
Band7	5	20775	25	#0	16QAM	4.507	5.017	PASS
Band7	5	21100	25	#0	QPSK	4.499	4.965	PASS
Band7	5	21100	25	#0	16QAM	4.524	4.975	PASS
Band7	5	21425	25	#0	QPSK	4.504	4.943	PASS
Band7	5	21425	25	#0	16QAM	4.516	4.944	PASS
Band7	10	20800	50	#0	QPSK	9.044	11.598	PASS
Band7	10	20800	50	#0	16QAM	9.040	9.929	PASS
Band7	10	21100	50	#0	QPSK	8.992	9.785	PASS
Band7	10	21100	50	#0	16QAM	8.995	9.874	PASS
Band7	10	21400	50	#0	QPSK	9.032	9.839	PASS
Band7	10	21400	50	#0	16QAM	8.991	9.898	PASS
Band7	15	20825	75	#0	QPSK	13.569	15.590	PASS
Band7	15	20825	75	#0	16QAM	13.508	15.681	PASS
Band7	15	21100	75	#0	QPSK	13.475	14.853	PASS
Band7	15	21100	75	#0	16QAM	13.504	14.929	PASS
Band7	15	21375	75	#0	QPSK	13.479	15.002	PASS
Band7	15	21375	75	#0	16QAM	13.487	14.927	PASS
Band7	20	20850	100	#0	QPSK	18.045	19.836	PASS
Band7	20	20850	100	#0	16QAM	18.123	19.607	PASS
Band7	20	21100	100	#0	QPSK	18.005	19.706	PASS
Band7	20	21100	100	#0	16QAM	18.122	19.721	PASS
Band7	20	21350	100	#0	QPSK	18.042	19.560	PASS
Band7	20	21350	100	#0	16QAM	17.974	19.644	PASS

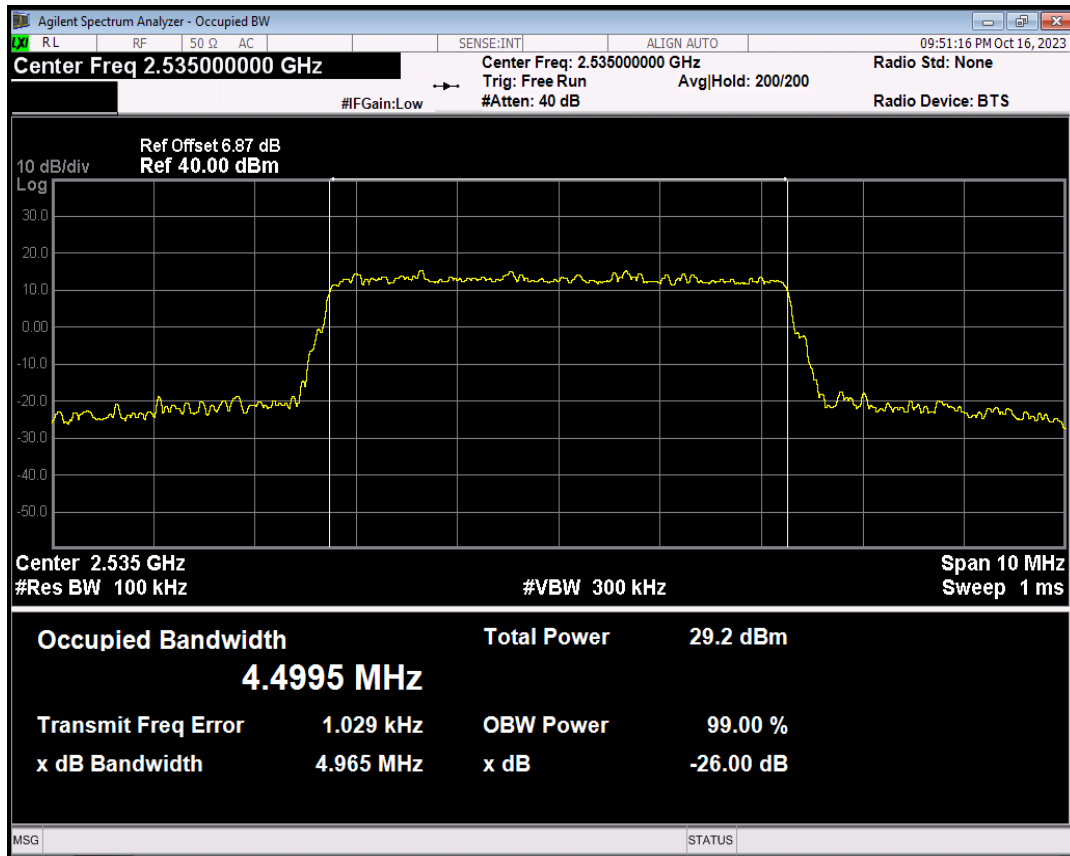
Band7 QPSK BW=5MHz Channel=20775 RB Size=25 Position=#0



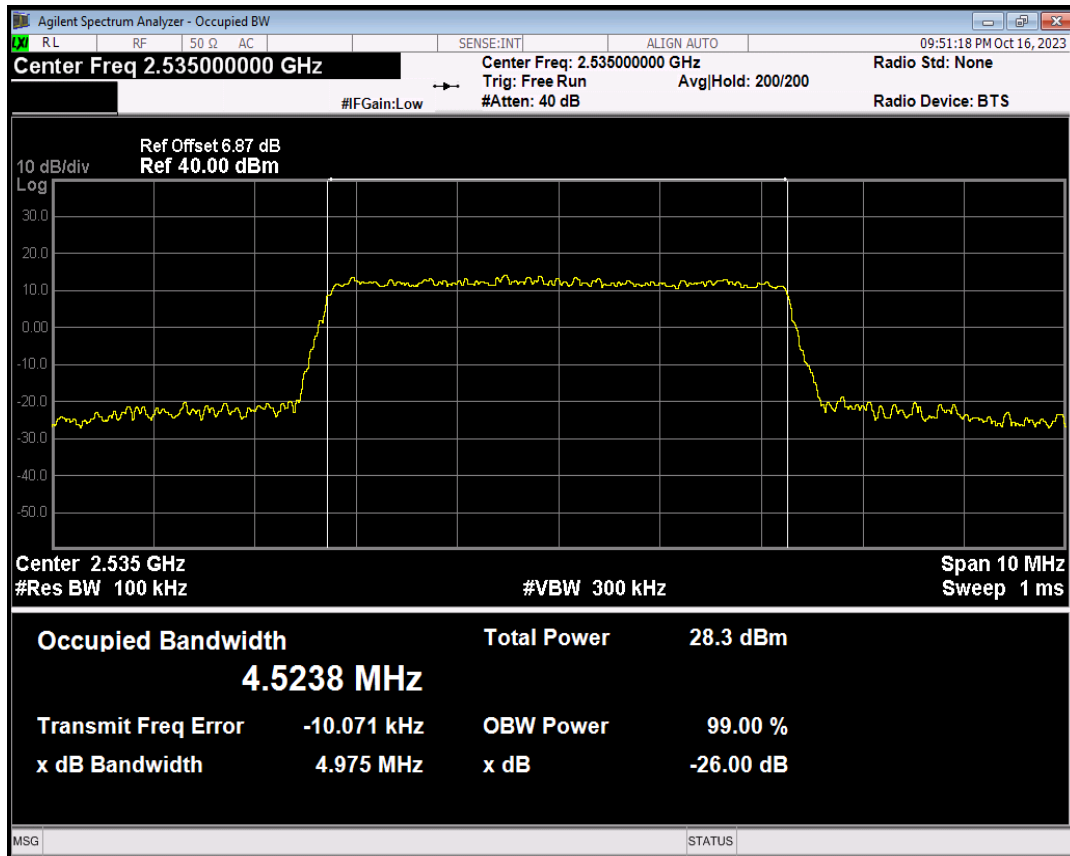
Band7 16QAM BW=5MHz Channel=20775 RB Size=25 Position=#0



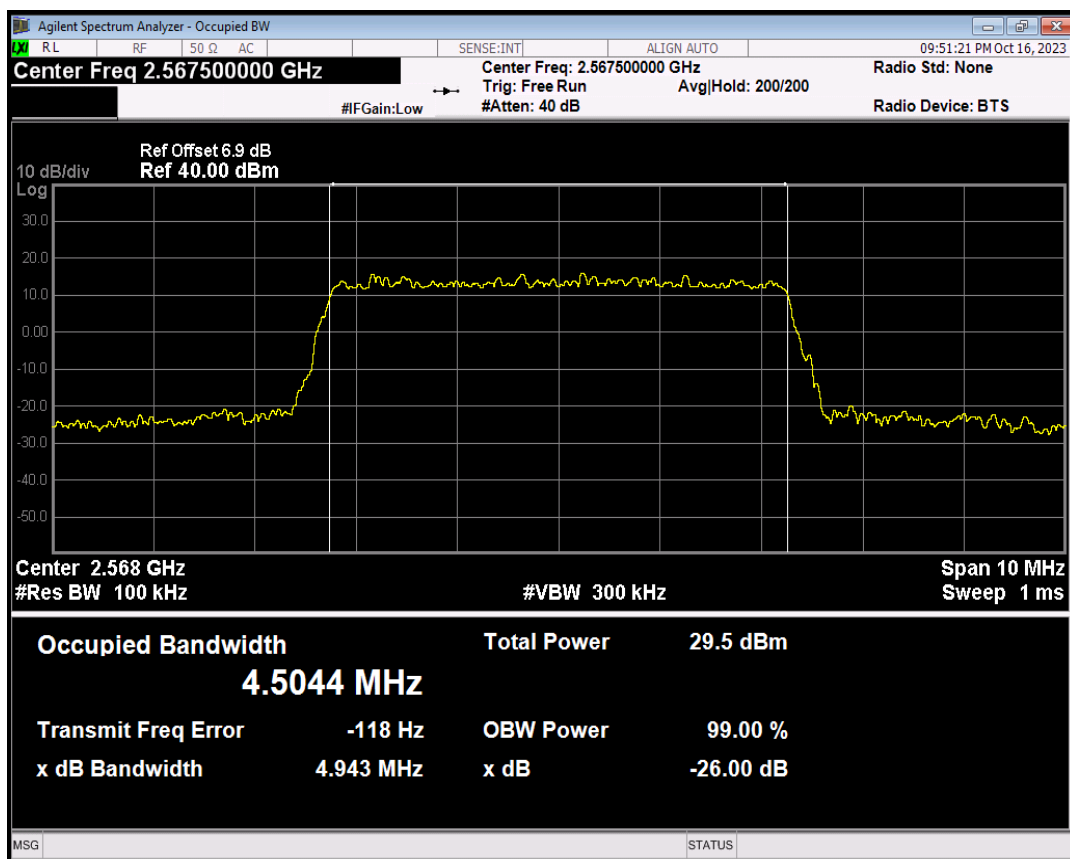
Band7 QPSK BW=5MHz Channel=21100 RB Size=25 Position=#0



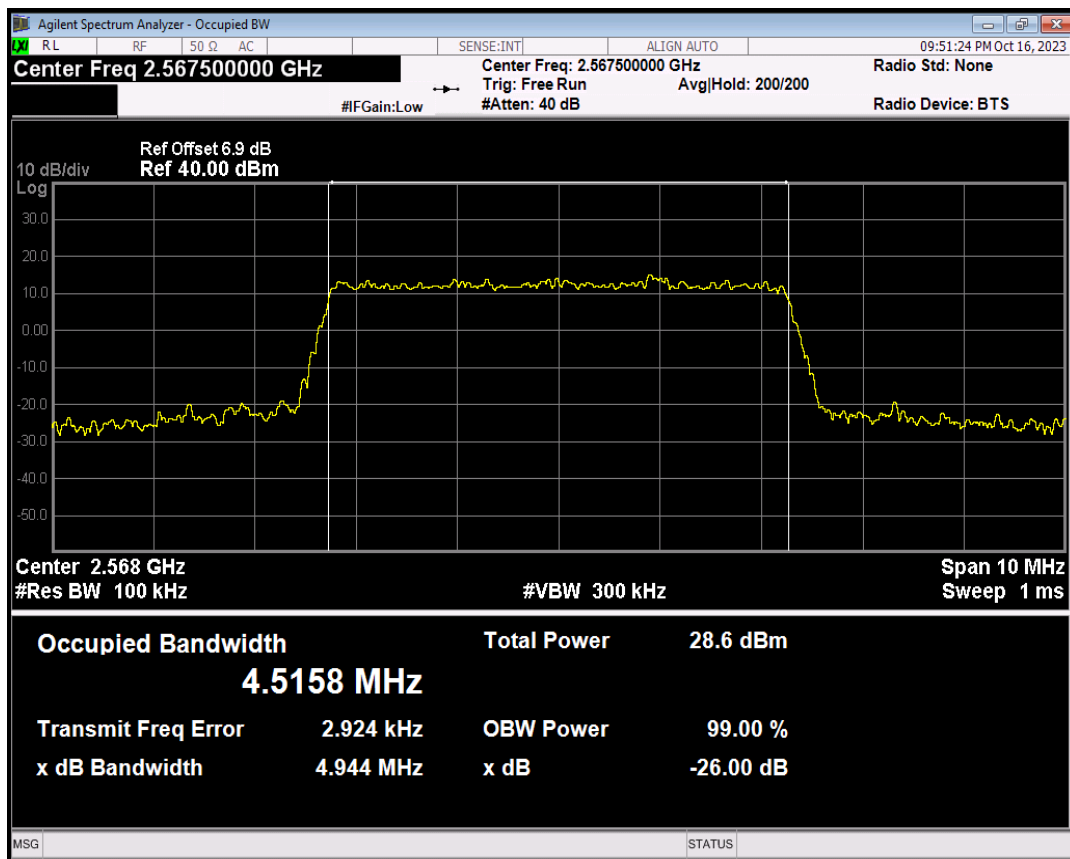
Band7 16QAM BW=5MHz Channel=21100 RB Size=25 Position=#0



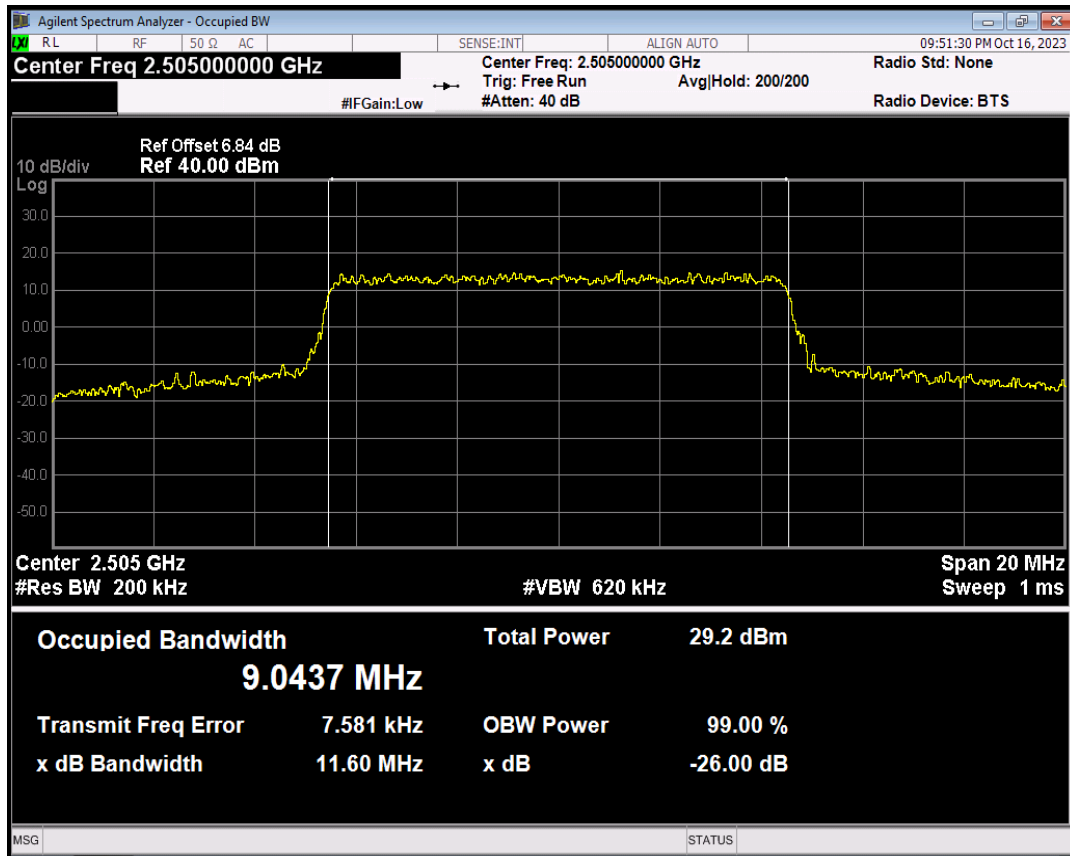
Band7 QPSK BW=5MHz Channel=21425 RB Size=25 Position=#0



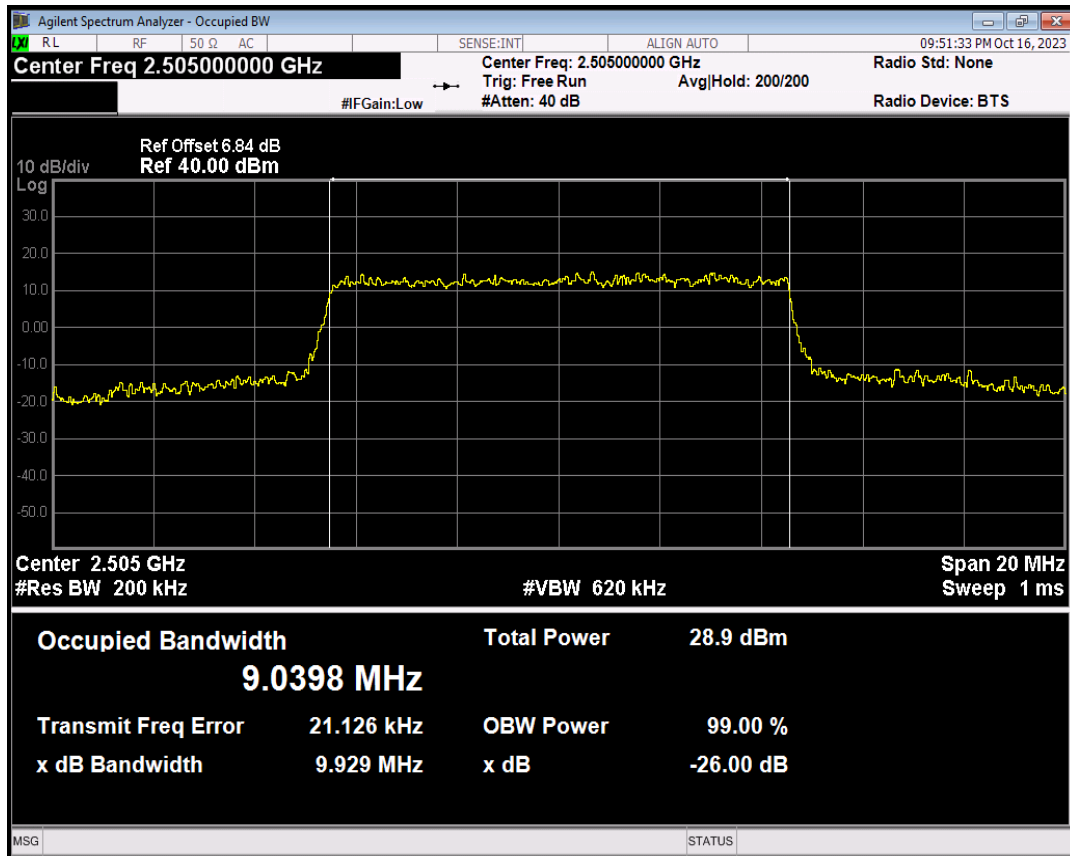
Band7 16QAM BW=5MHz Channel=21425 RB Size=25 Position=#0



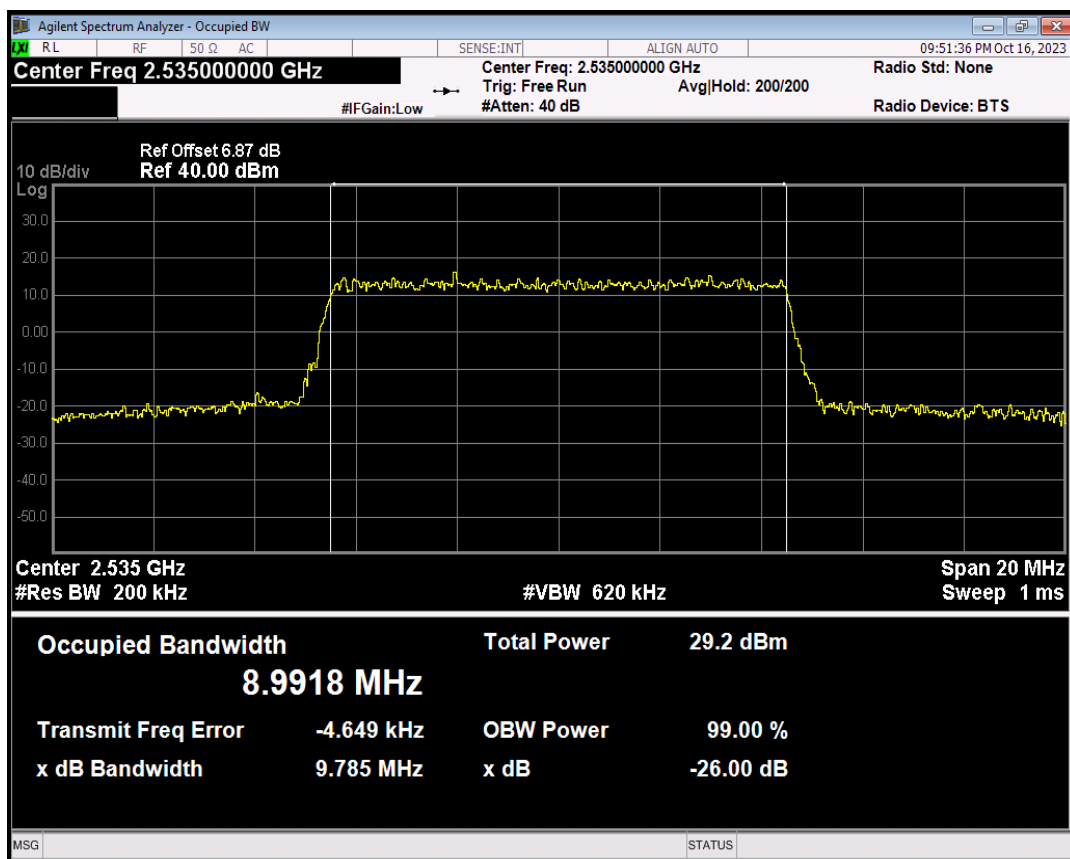
Band7 QPSK BW=10MHz Channel=20800 RB Size=50 Position=#0



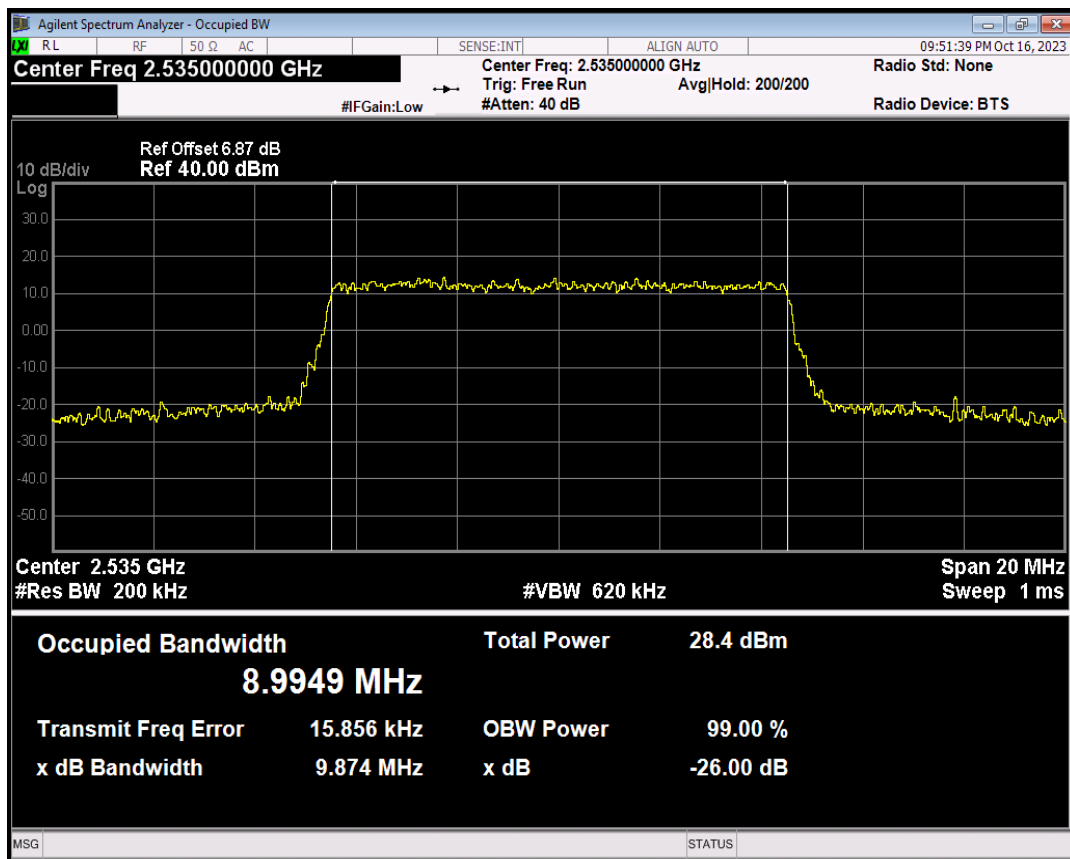
Band7 16QAM BW=10MHz Channel=20800 RB Size=50 Position=#0



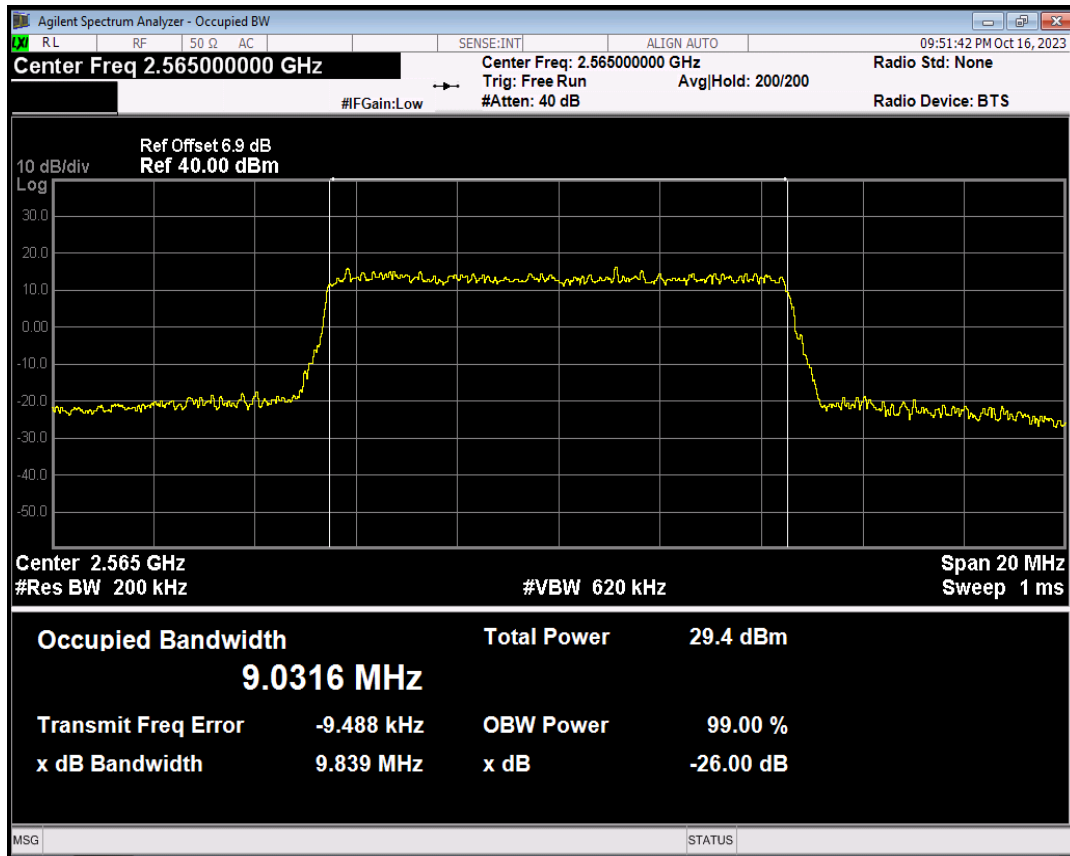
Band7 QPSK BW=10MHz Channel=21100 RB Size=50 Position=#0



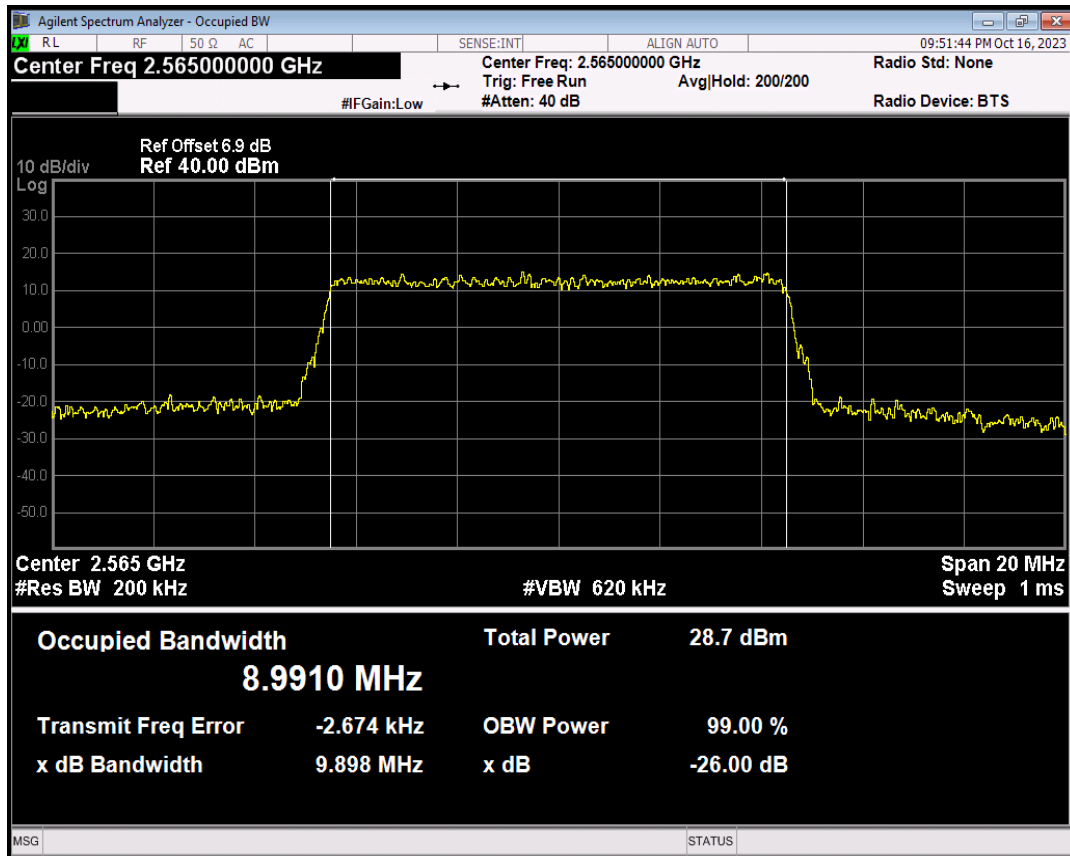
Band7 16QAM BW=10MHz Channel=21100 RB Size=50 Position=#0



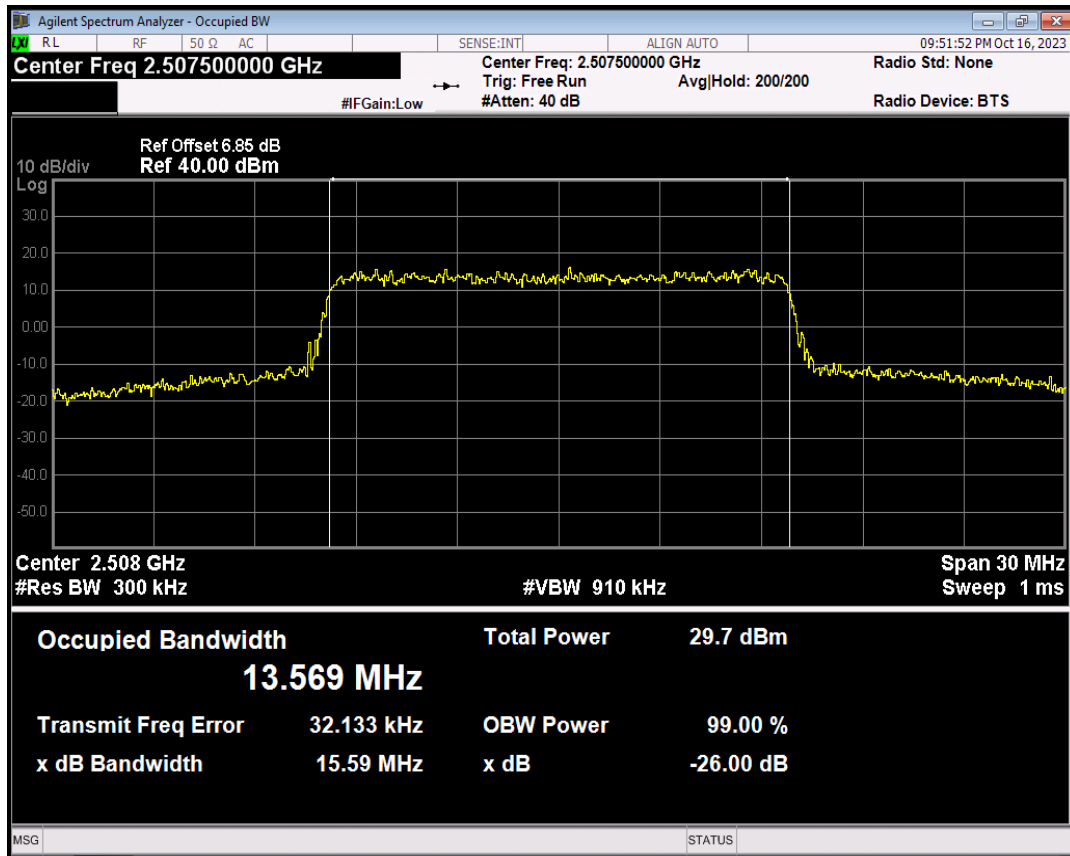
Band7 QPSK BW=10MHz Channel=21400 RB Size=50 Position=#0



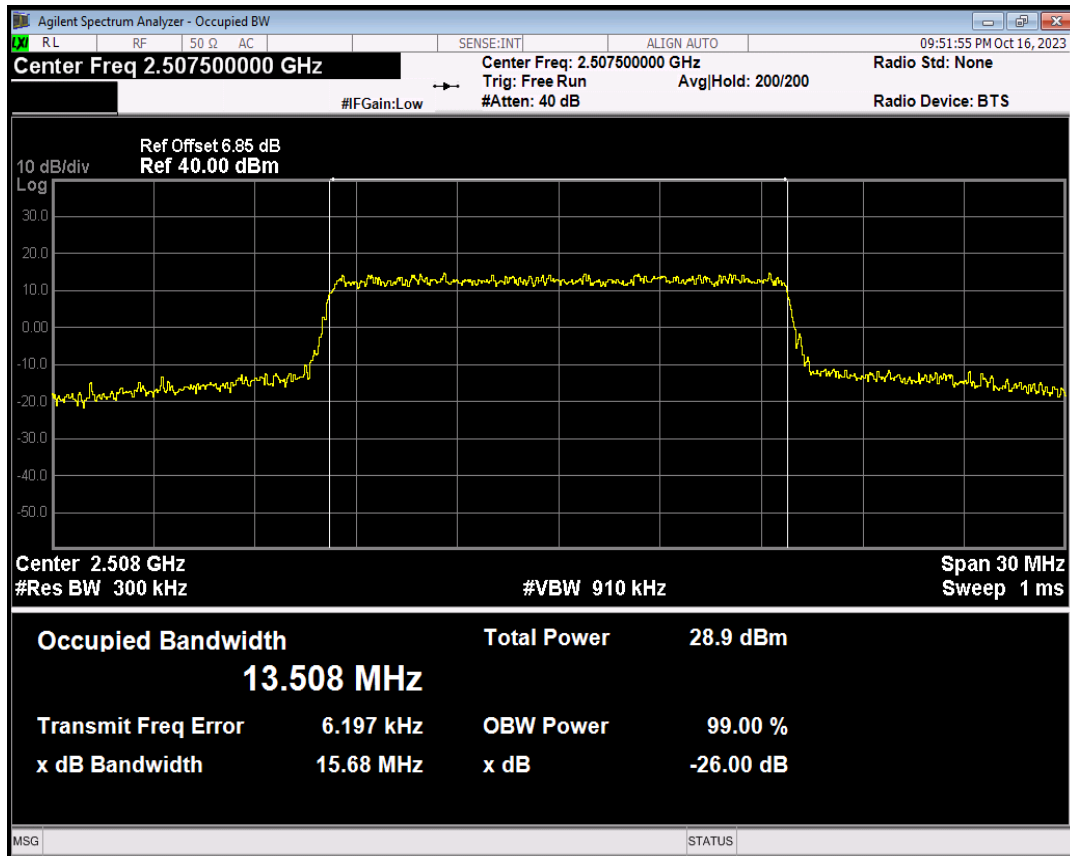
Band7 16QAM BW=10MHz Channel=21400 RB Size=50 Position=#0



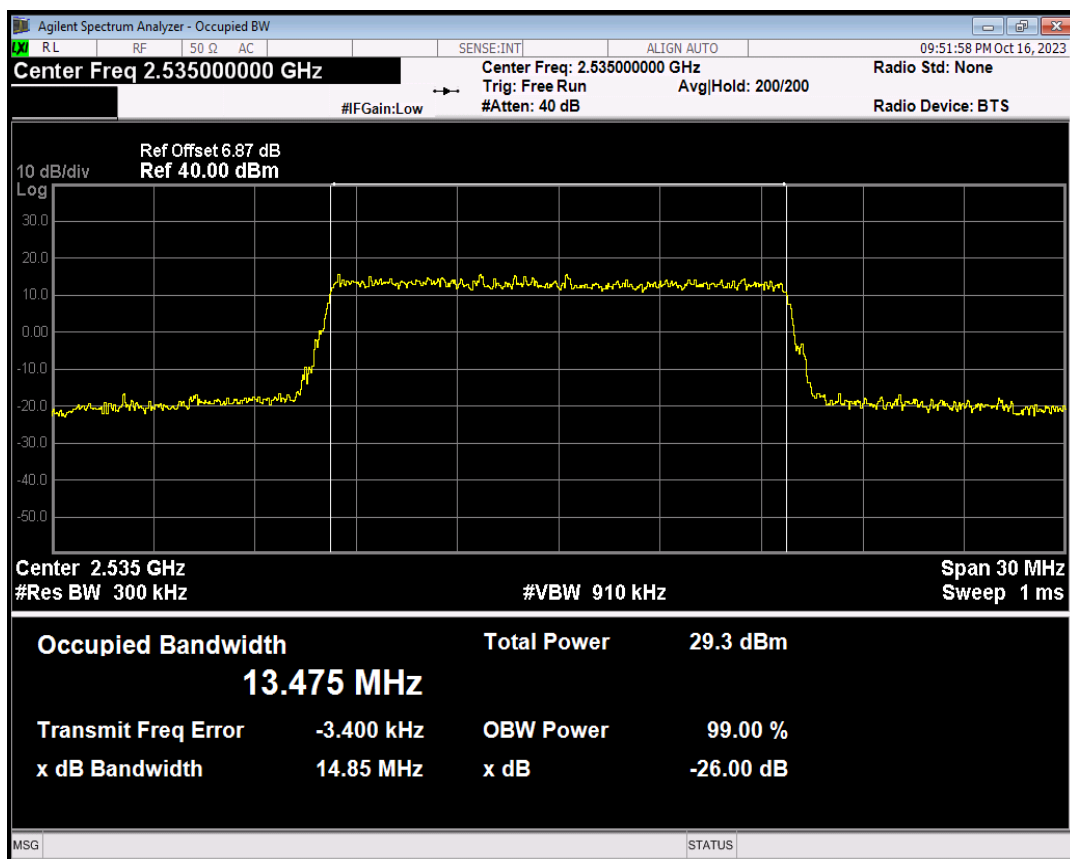
Band7 QPSK BW=15MHz Channel=20825 RB Size=75 Position=#0



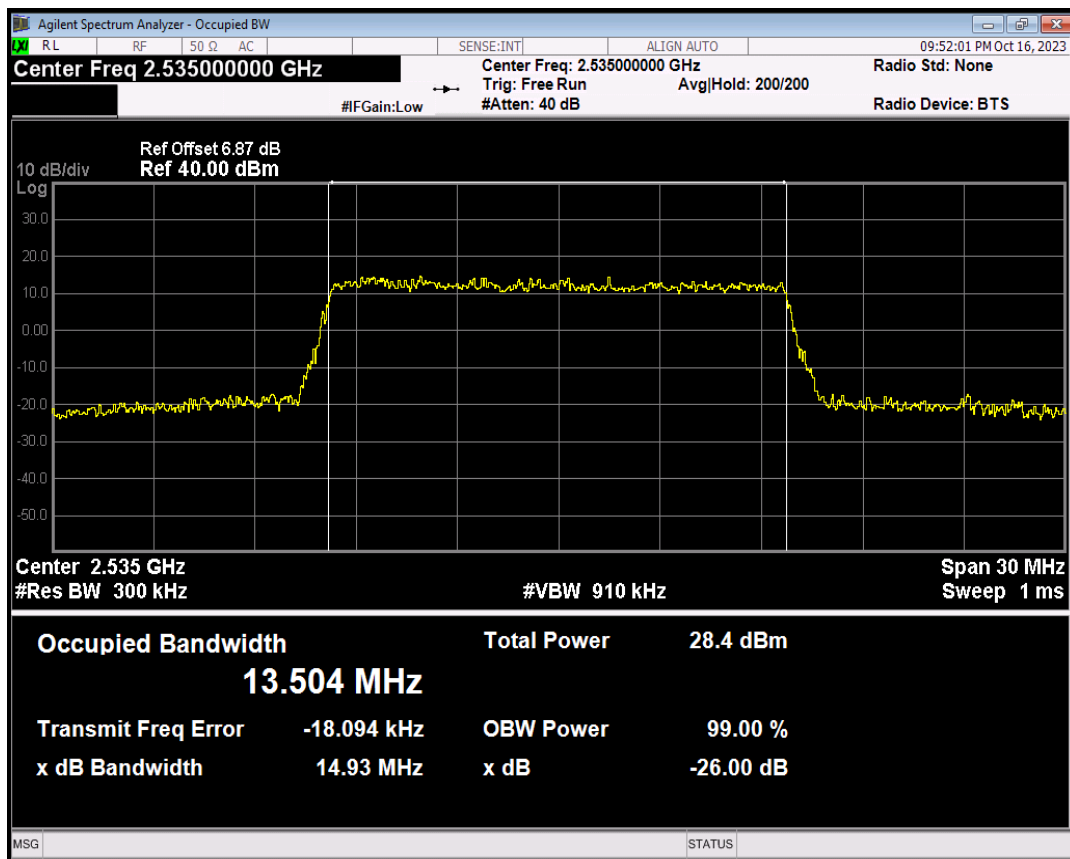
Band7 16QAM BW=15MHz Channel=20825 RB Size=75 Position=#0



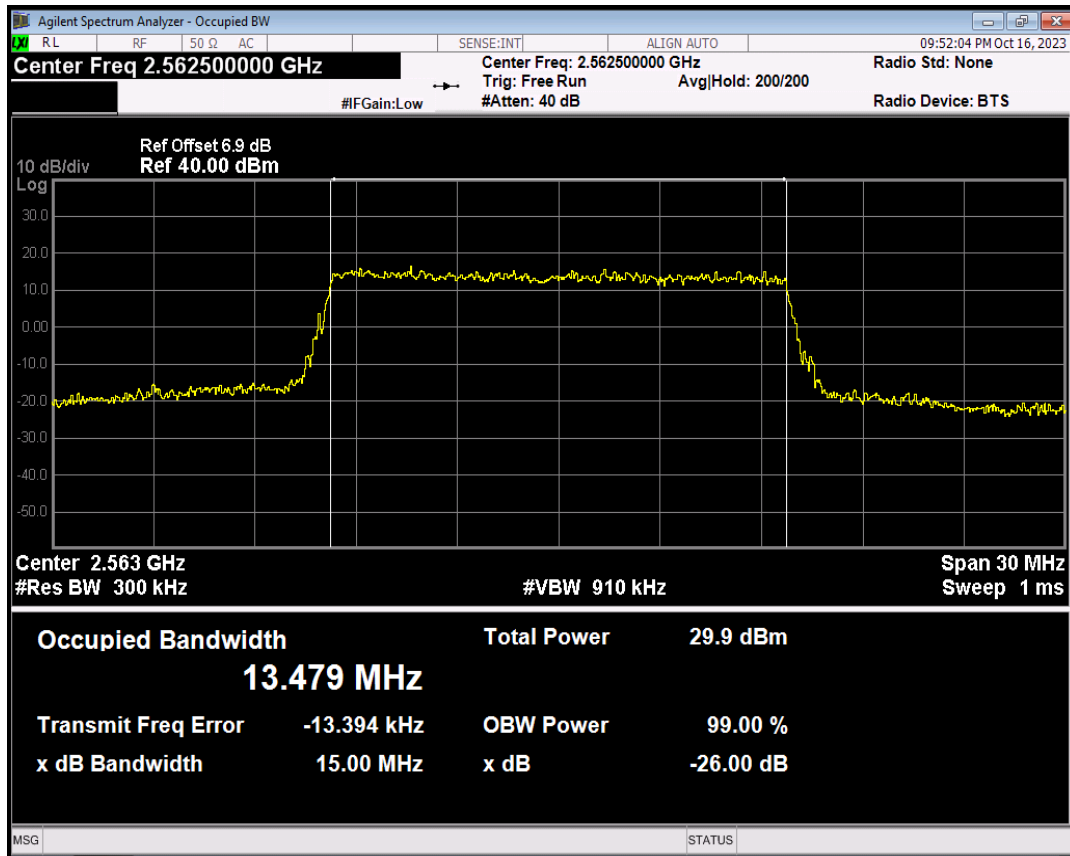
Band7 QPSK BW=15MHz Channel=21100 RB Size=75 Position=#0



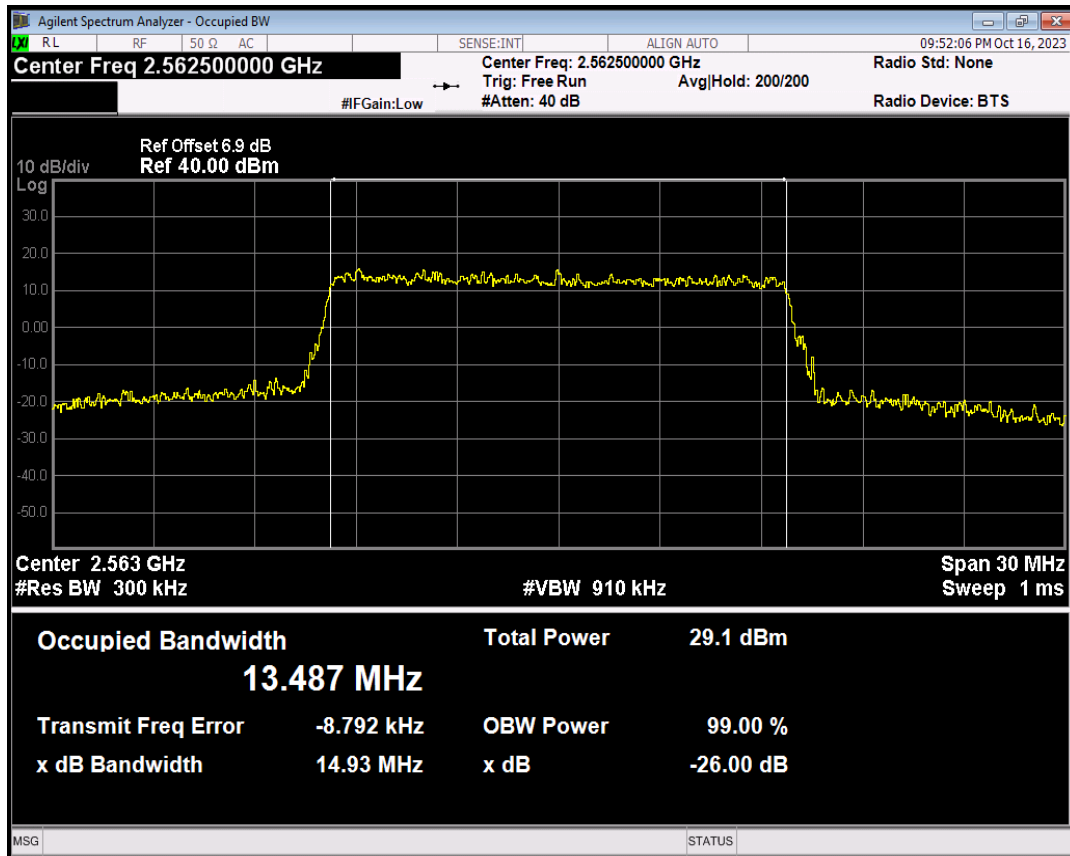
Band7 16QAM BW=15MHz Channel=21100 RB Size=75 Position=#0



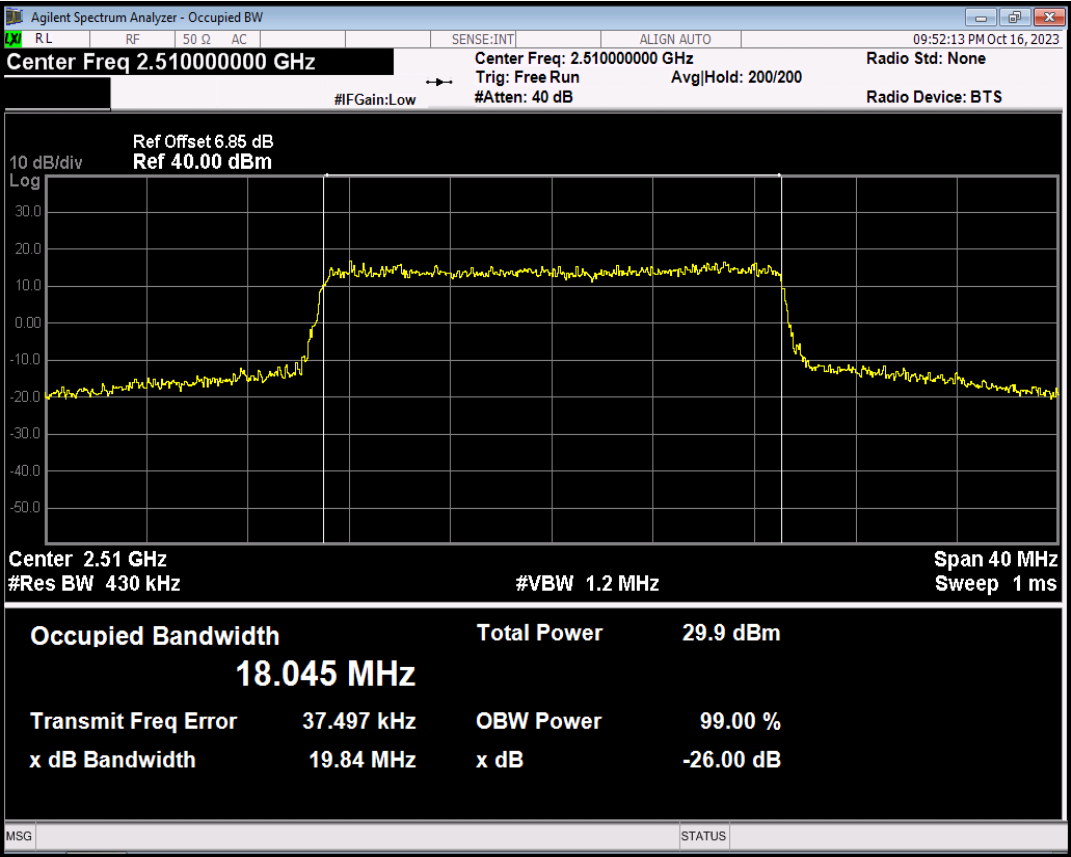
Band7 QPSK BW=15MHz Channel=21375 RB Size=75 Position=#0



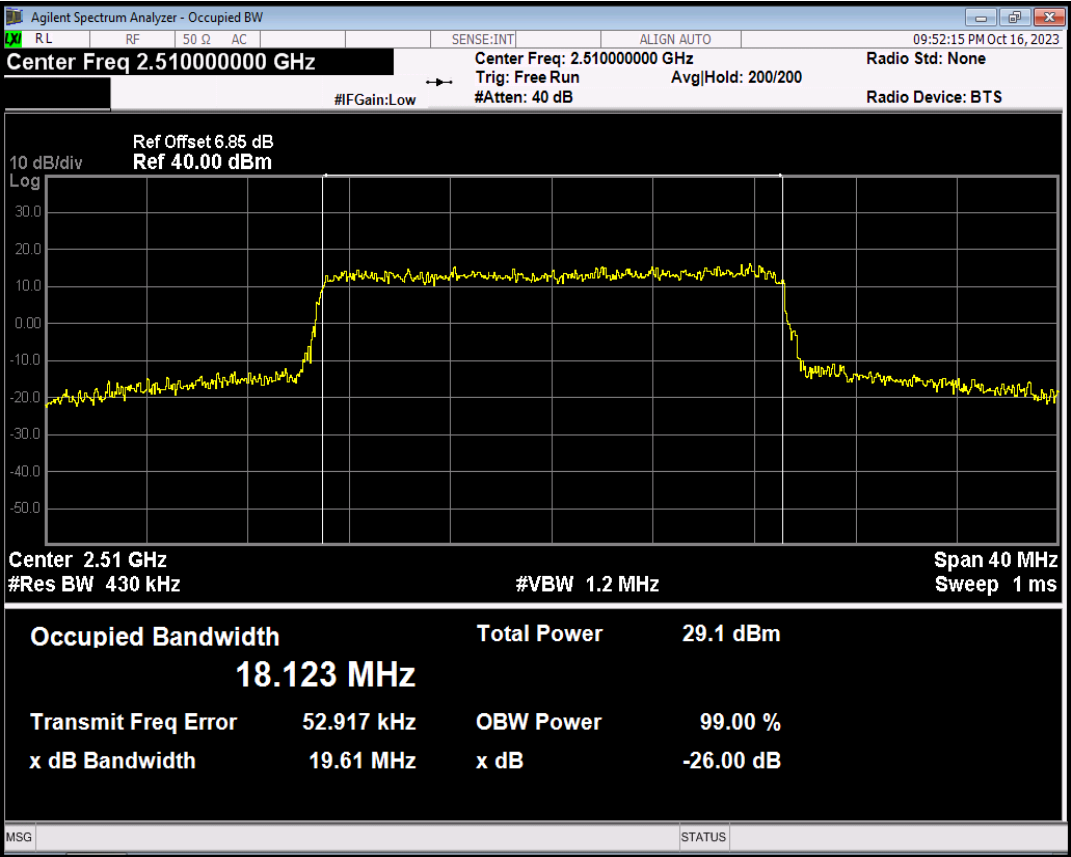
Band7 16QAM BW=15MHz Channel=21375 RB Size=75 Position=#0



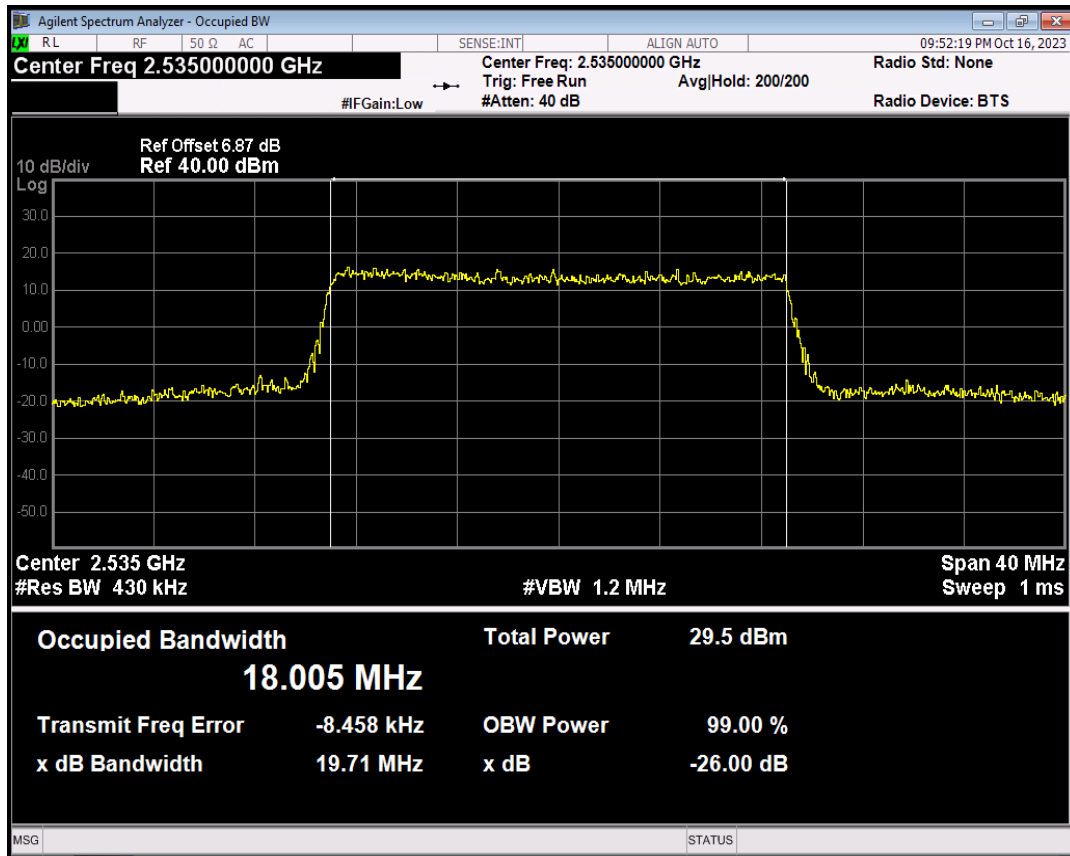
Band7 QPSK BW=20MHz Channel=20850 RB Size=100 Position=#0



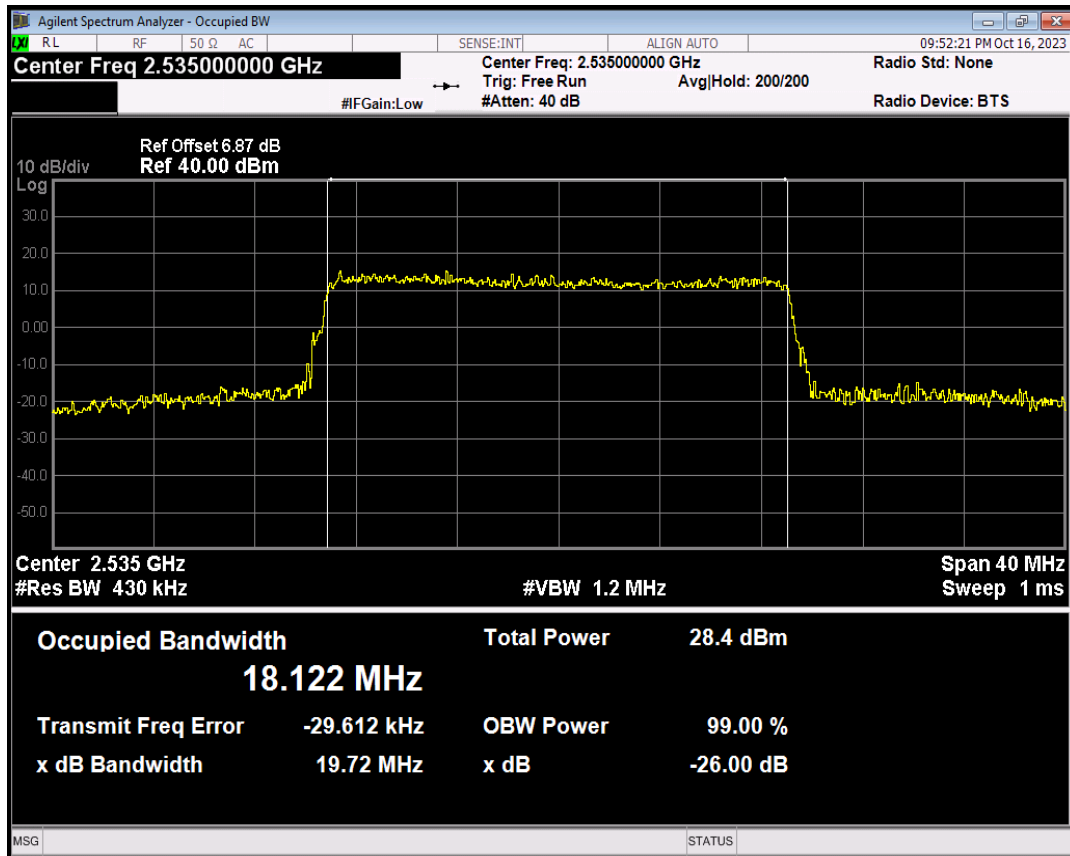
Band7 16QAM BW=20MHz Channel=20850 RB Size=100 Position=#0



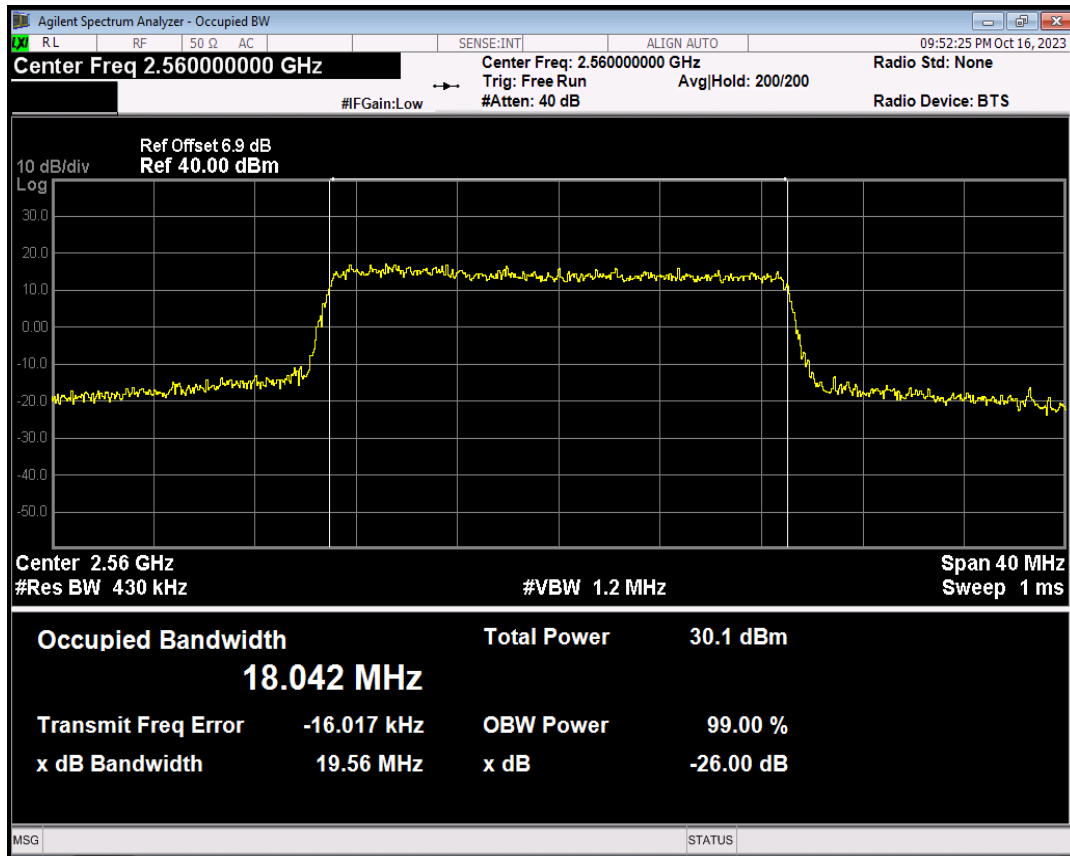
Band7 QPSK BW=20MHz Channel=21100 RB Size=100 Position=#0



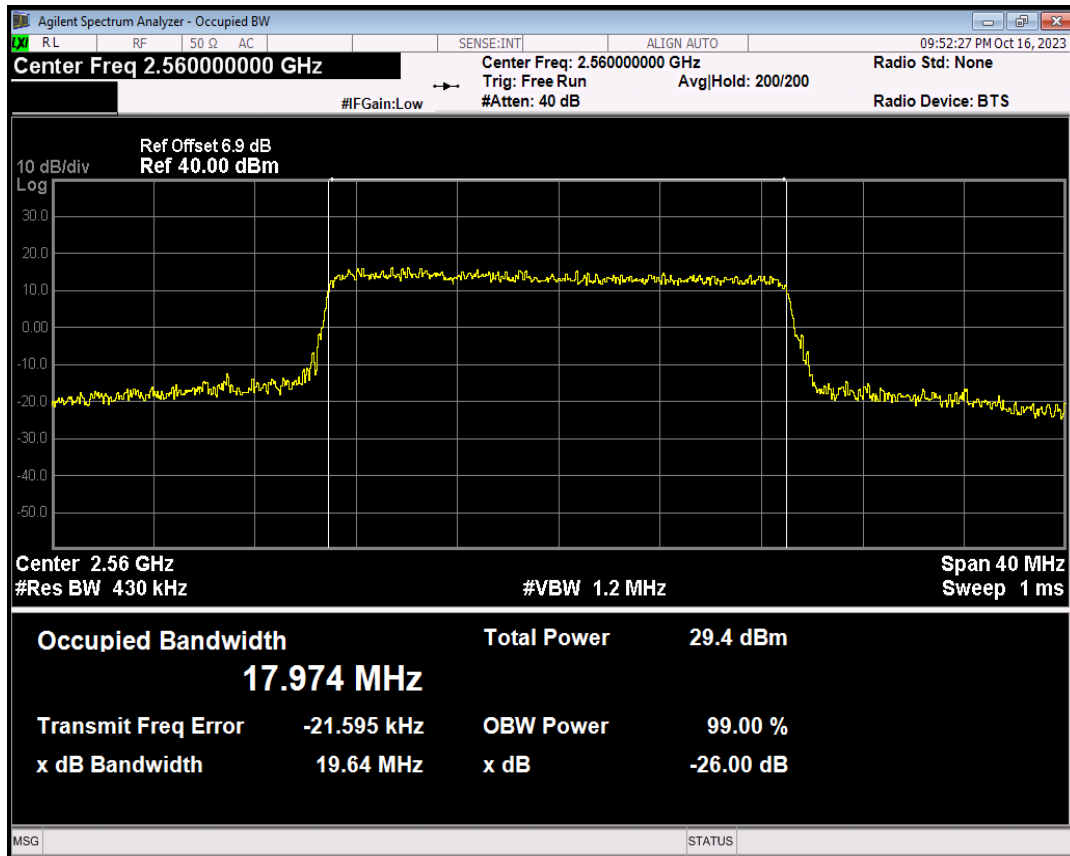
Band7 16QAM BW=20MHz Channel=21100 RB Size=100 Position=#0



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

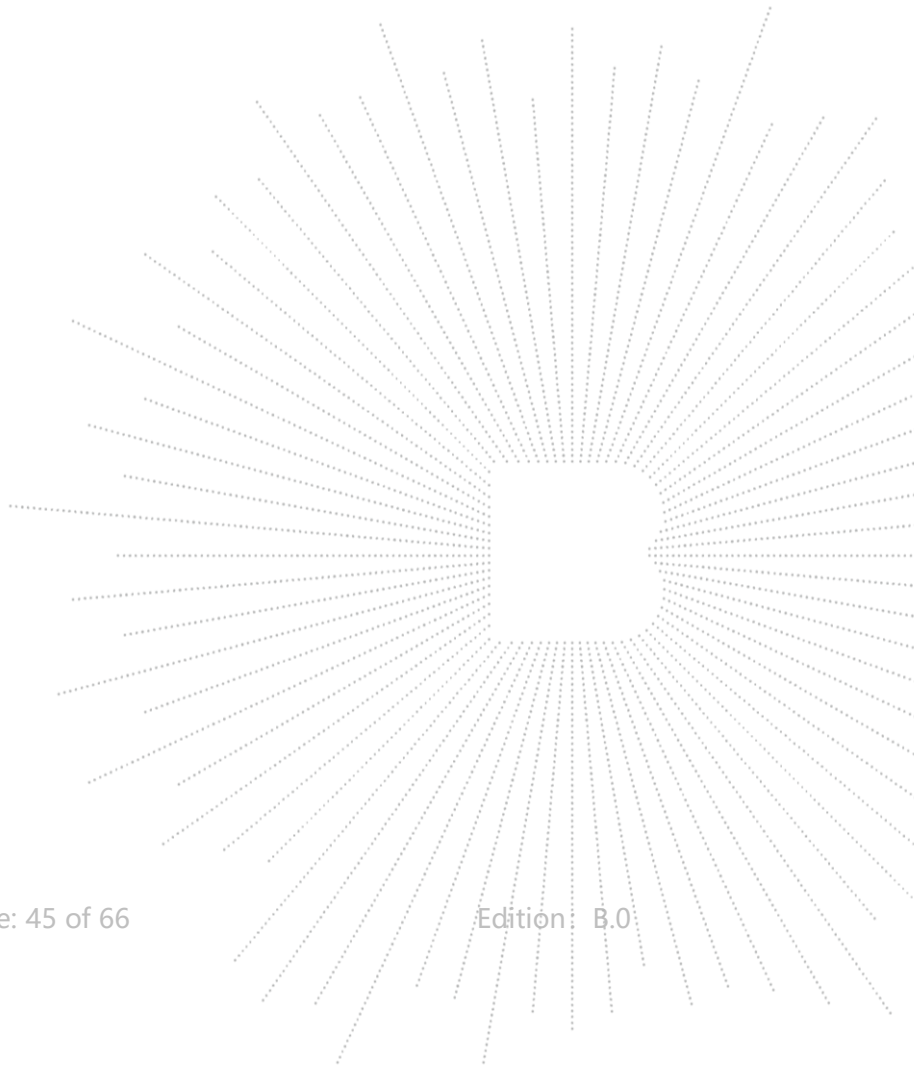


Band7 16QAM BW=20MHz Channel=21350 RB Size=100 Position=#0

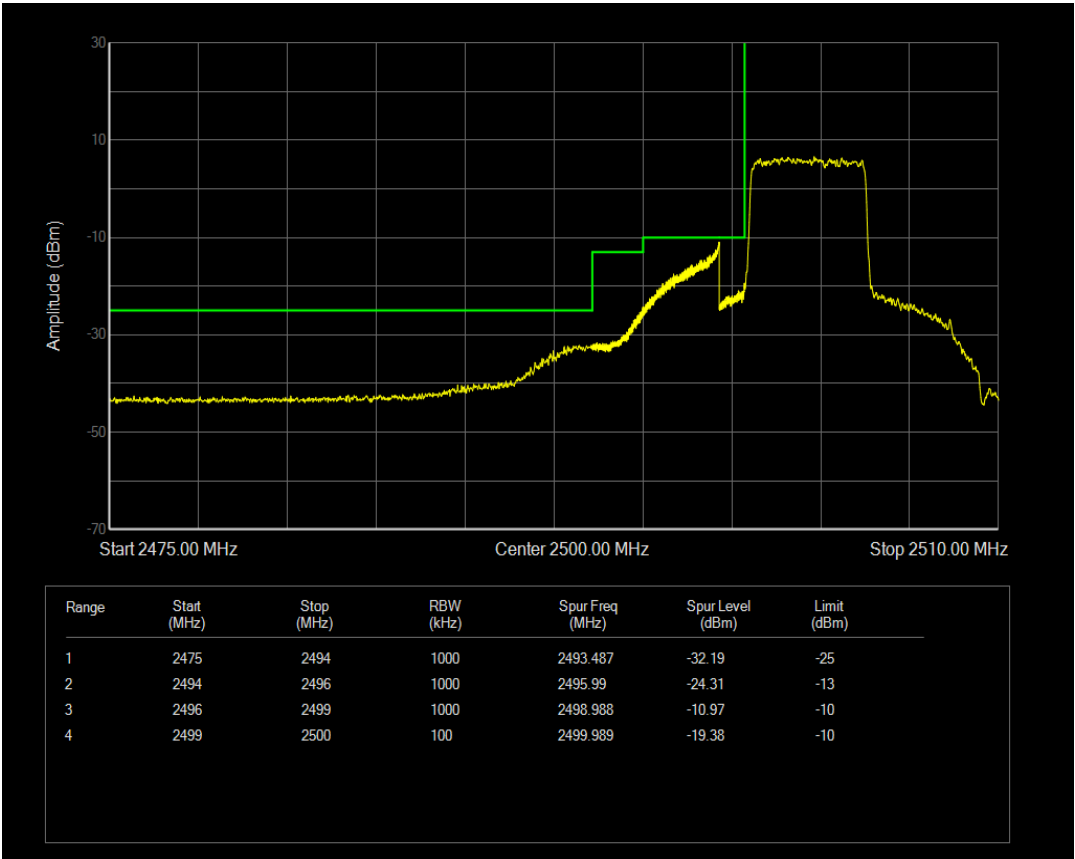


Appendix 5. Band edge

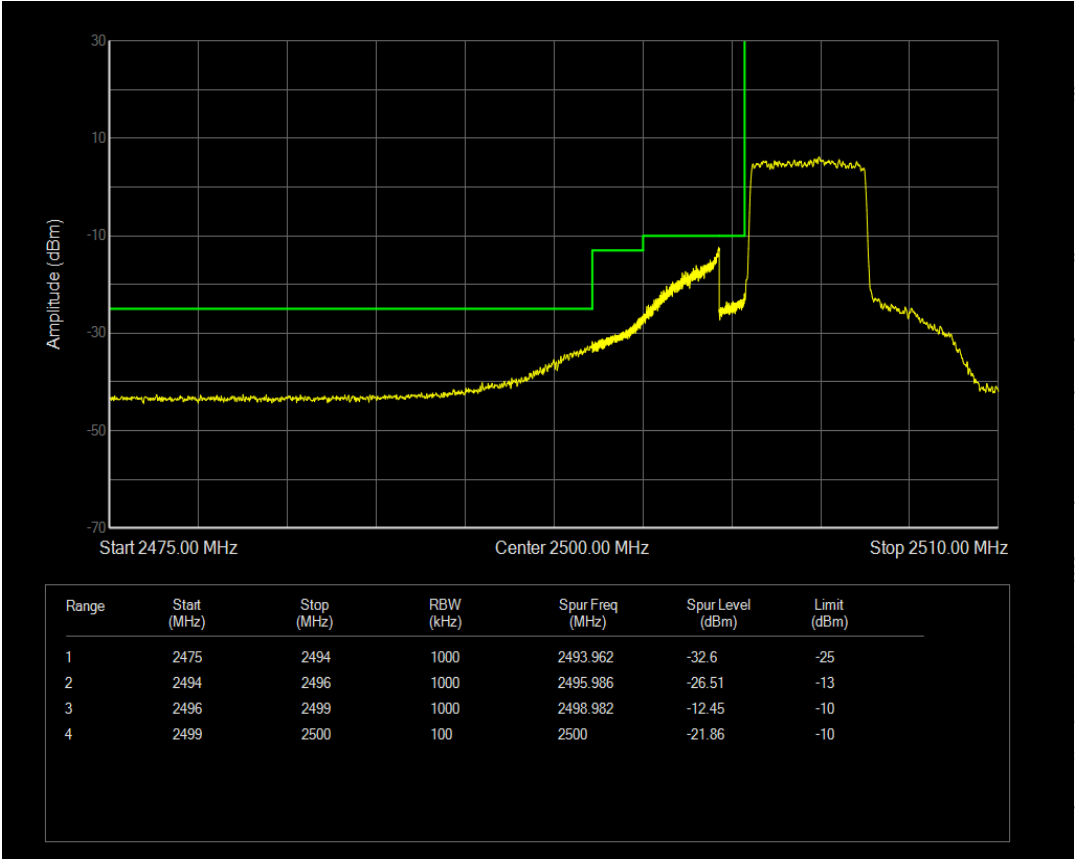
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band7	5	20775	25	#0	QPSK	2498.99	-10.97	-10	PASS
Band7	5	20775	25	#0	16QAM	2498.98	-12.45	-10	PASS
Band7	5	21425	25	#0	QPSK	2571.00	-14.31	-10	PASS
Band7	5	21425	25	#0	16QAM	2571.01	-15.93	-10	PASS
Band7	10	20800	50	#0	QPSK	2498.99	-13.99	-10	PASS
Band7	10	20800	50	#0	16QAM	2498.99	-15.88	-10	PASS
Band7	10	21400	50	#0	QPSK	2580.02	-36.79	-25	PASS
Band7	10	21400	50	#0	16QAM	2580.02	-36.32	-25	PASS
Band7	15	20825	75	#0	QPSK	2495.73	-18.01	-13	PASS
Band7	15	20825	75	#0	16QAM	2495.84	-19.61	-13	PASS
Band7	15	21375	75	#0	QPSK	2575.02	-23.68	-13	PASS
Band7	15	21375	75	#0	16QAM	2585.34	-37.46	-25	PASS
Band7	20	20850	100	#0	QPSK	2495.79	-20.34	-13	PASS
Band7	20	20850	100	#0	16QAM	2495.30	-22.08	-13	PASS
Band7	20	21350	100	#0	QPSK	2575.32	-23.85	-13	PASS
Band7	20	21350	100	#0	16QAM	2575.62	-25.75	-13	PASS



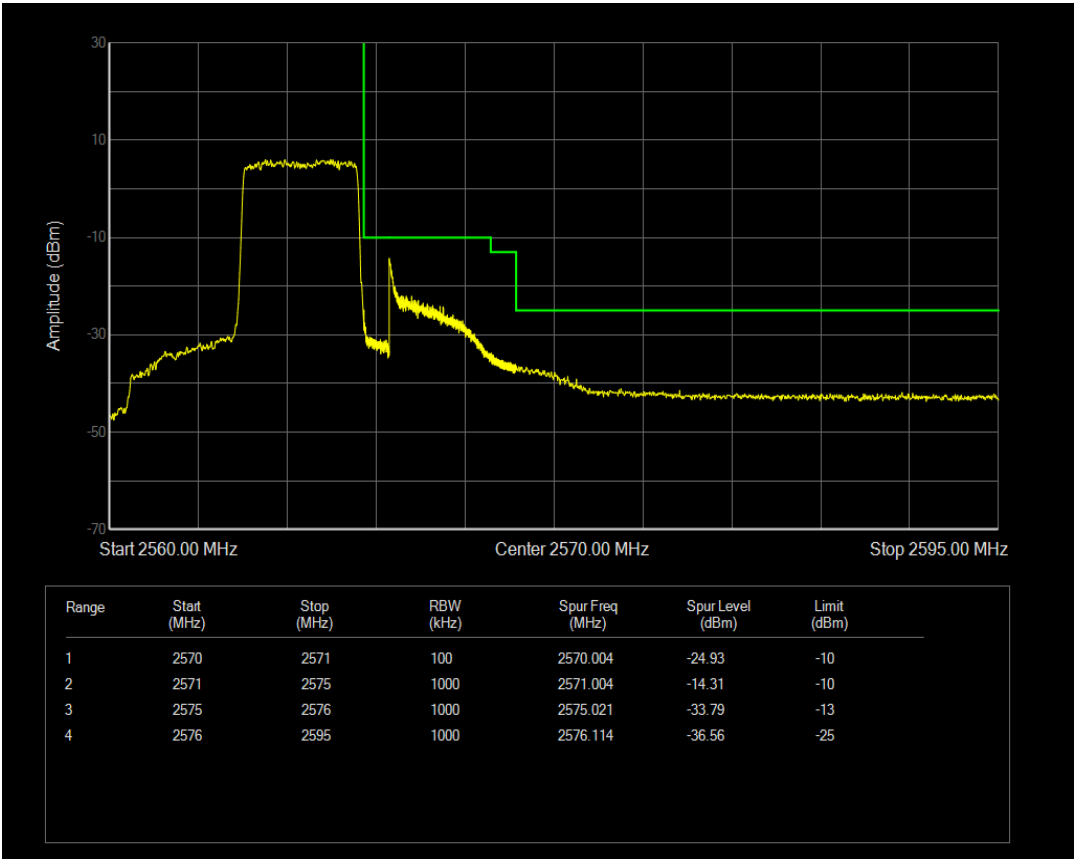
Band7 QPSK BW=5MHz Channel=20775 RB Size=25 Position=#0



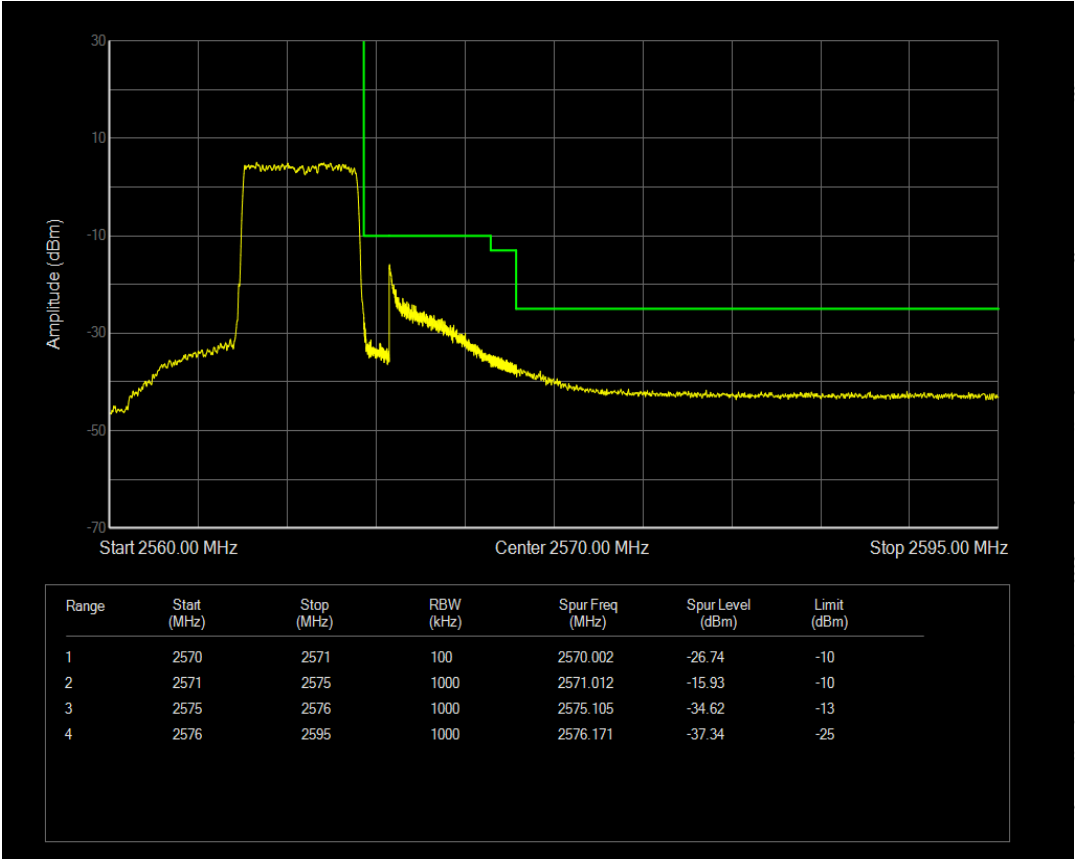
Band7 16QAM BW=5MHz Channel=20775 RB Size=25 Position=#0



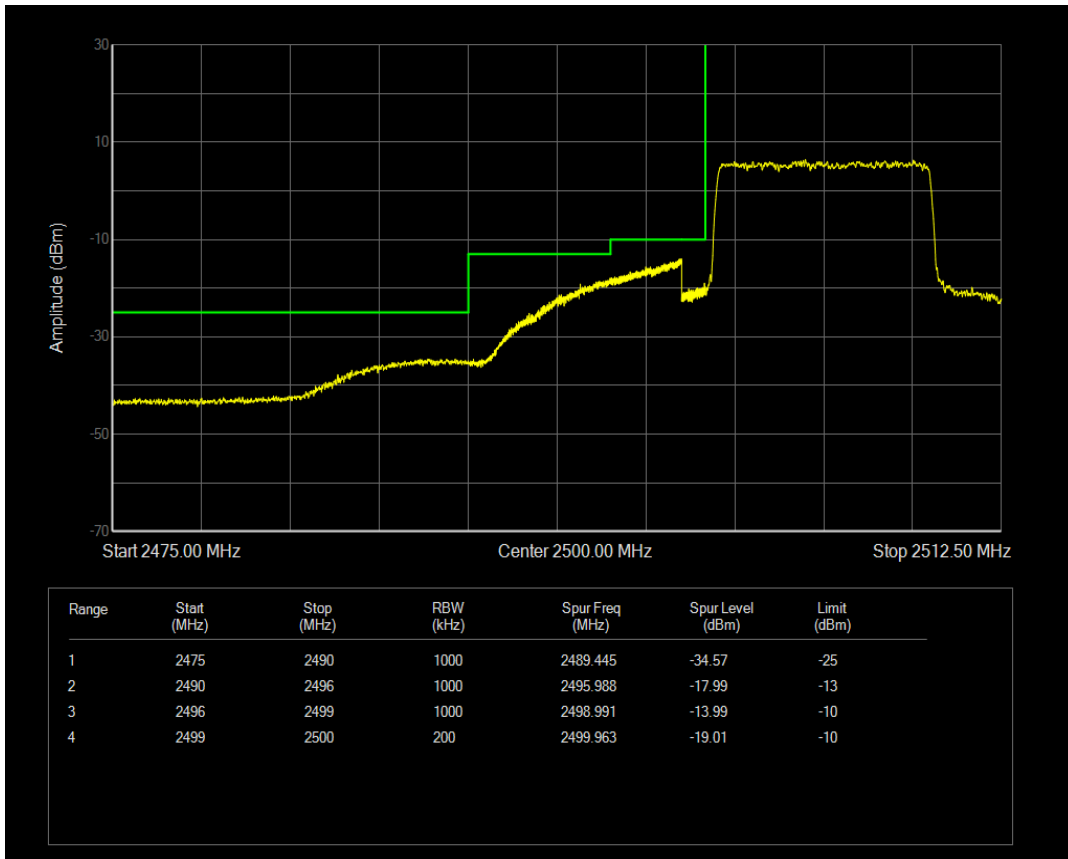
Band7 QPSK BW=5MHz Channel=21425 RB Size=25 Position=#0



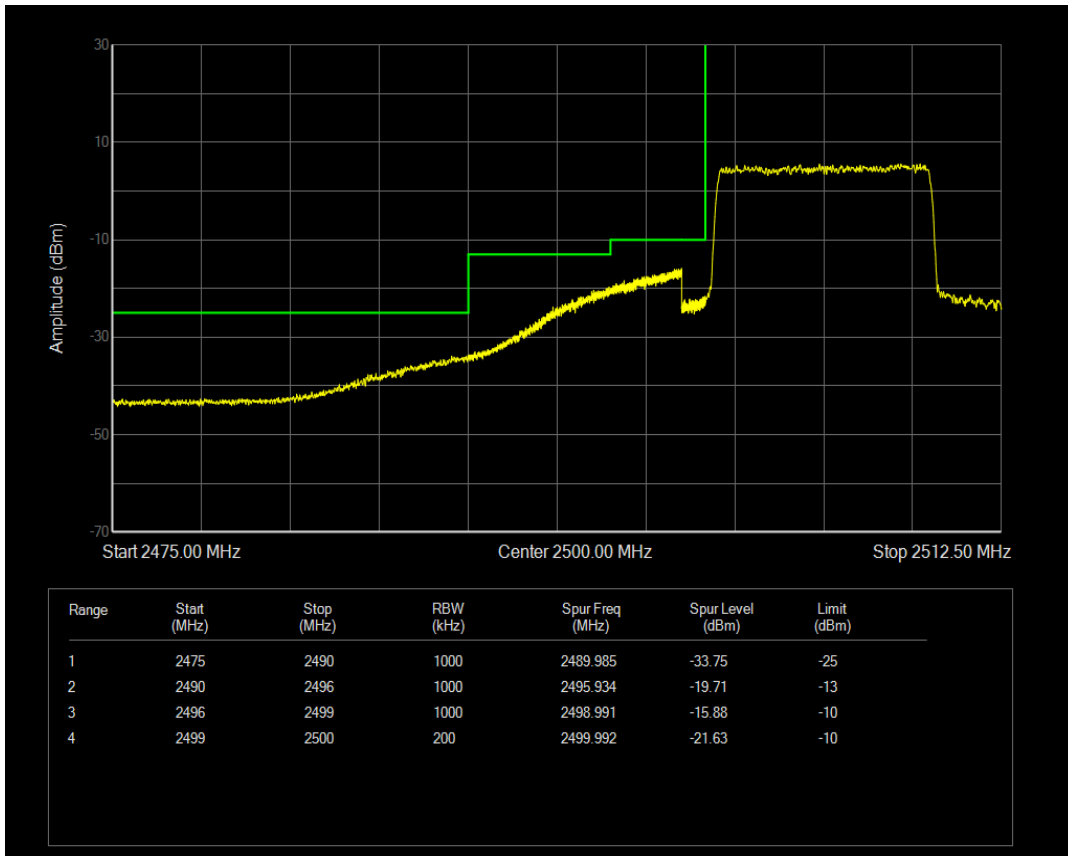
Band7 16QAM BW=5MHz Channel=21425 RB Size=25 Position=#0



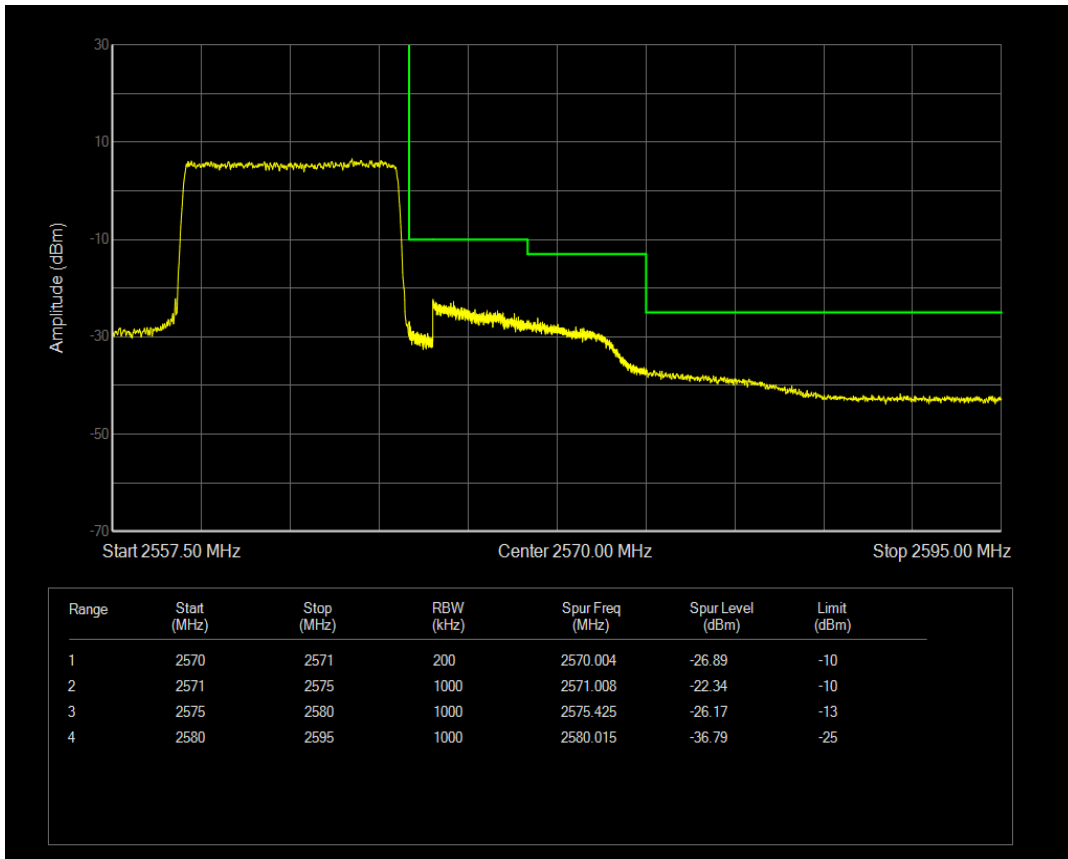
Band7 QPSK BW=10MHz Channel=20800 RB Size=50 Position=#0



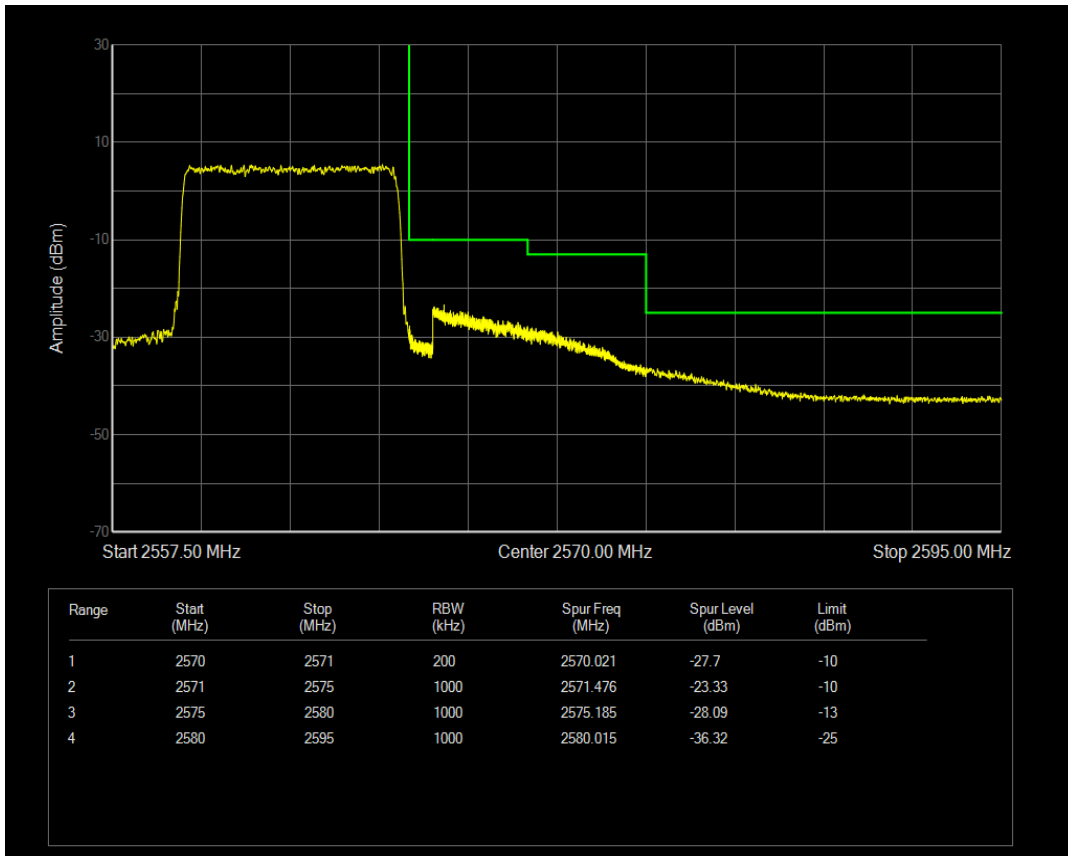
Band7 16QAM BW=10MHz Channel=20800 RB Size=50 Position=#0



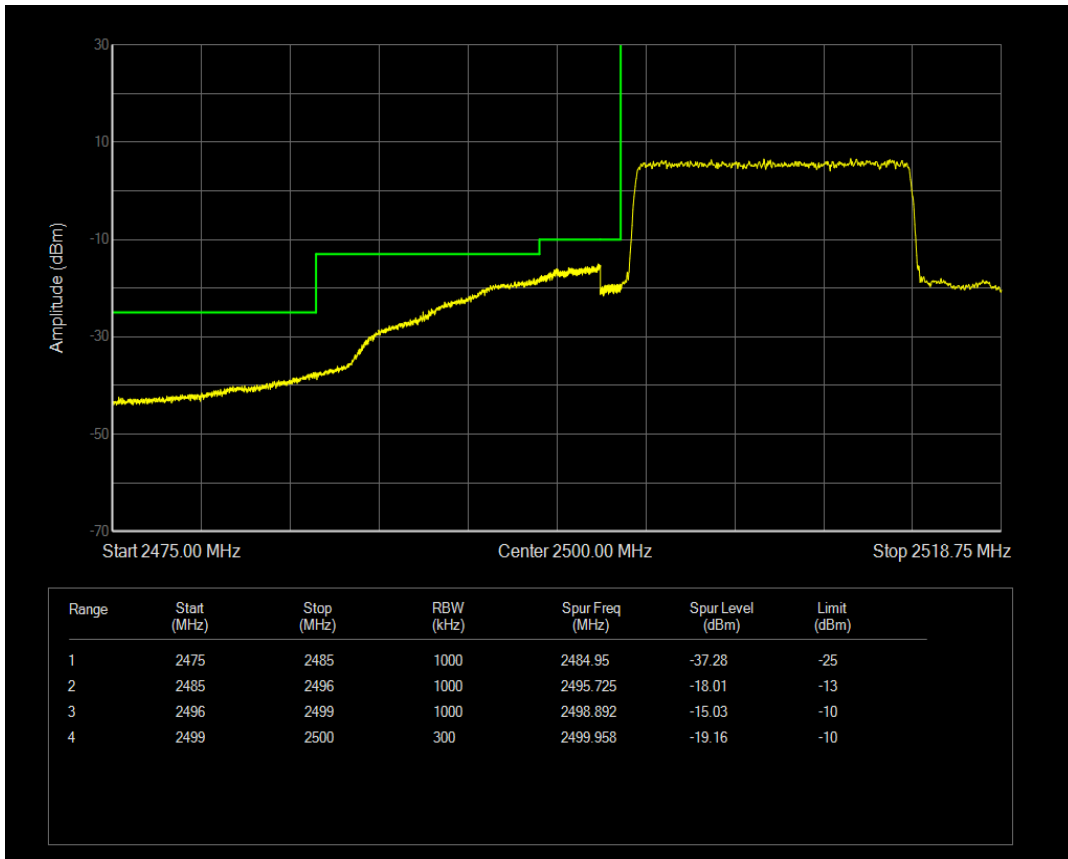
Band7 QPSK BW=10MHz Channel=21400 RB Size=50 Position=#0



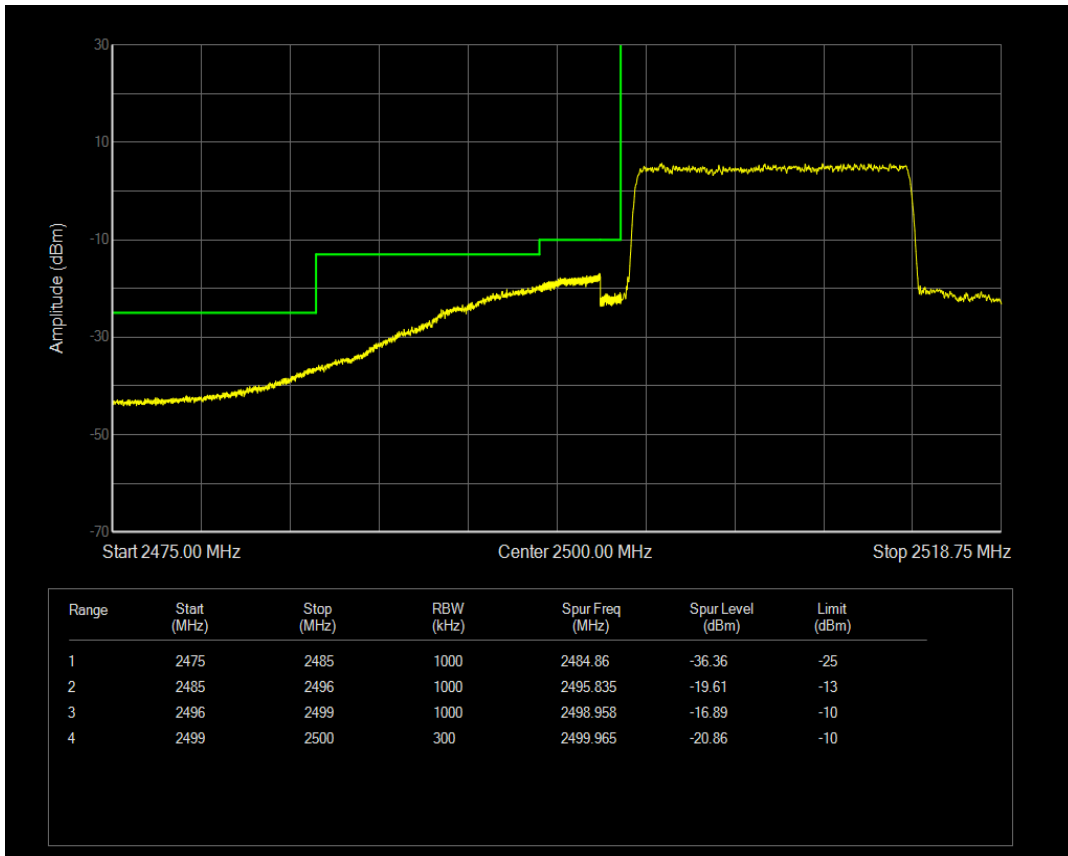
Band7 16QAM BW=10MHz Channel=21400 RB Size=50 Position=#0



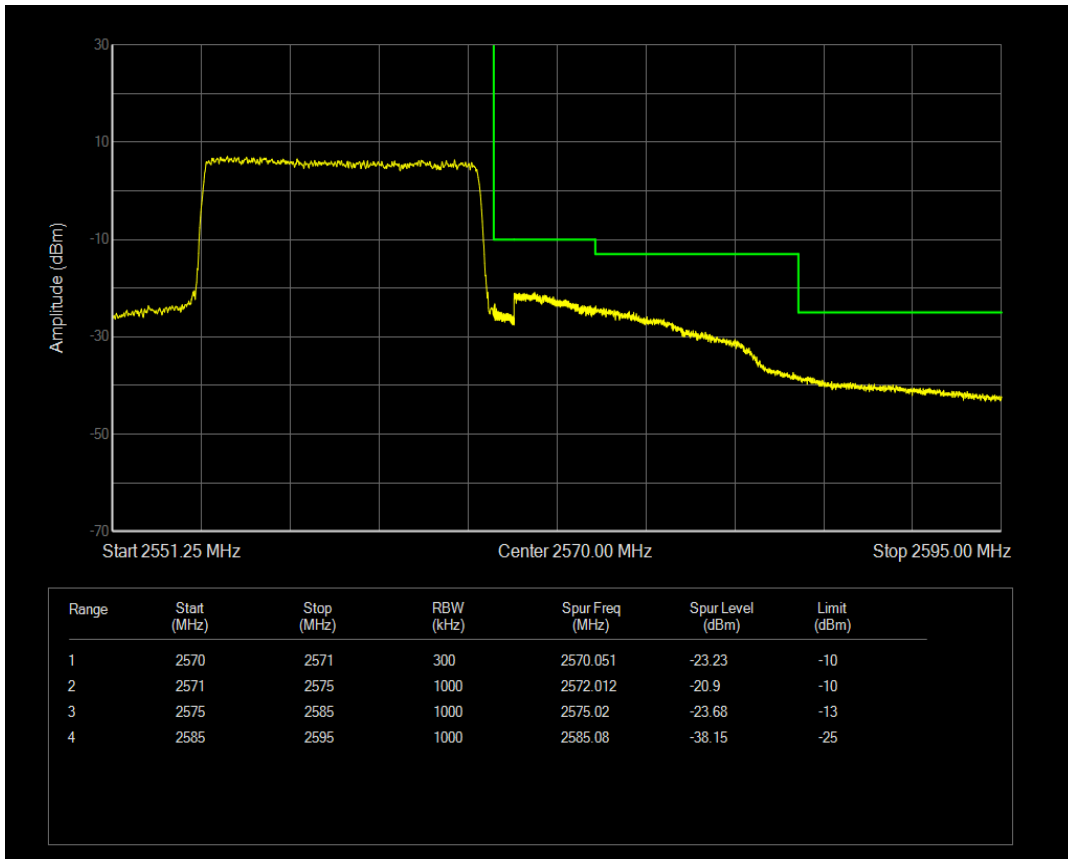
Band7 QPSK BW=15MHz Channel=20825 RB Size=75 Position=#0



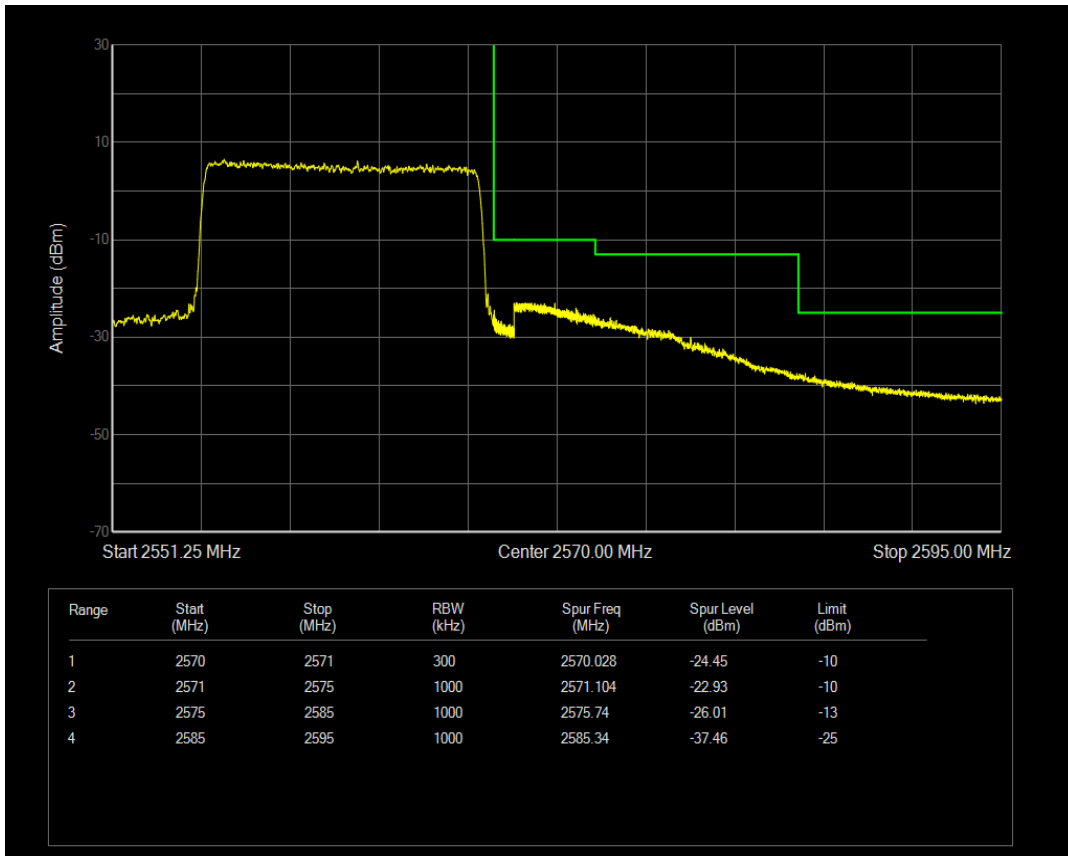
Band7 16QAM BW=15MHz Channel=20825 RB Size=75 Position=#0



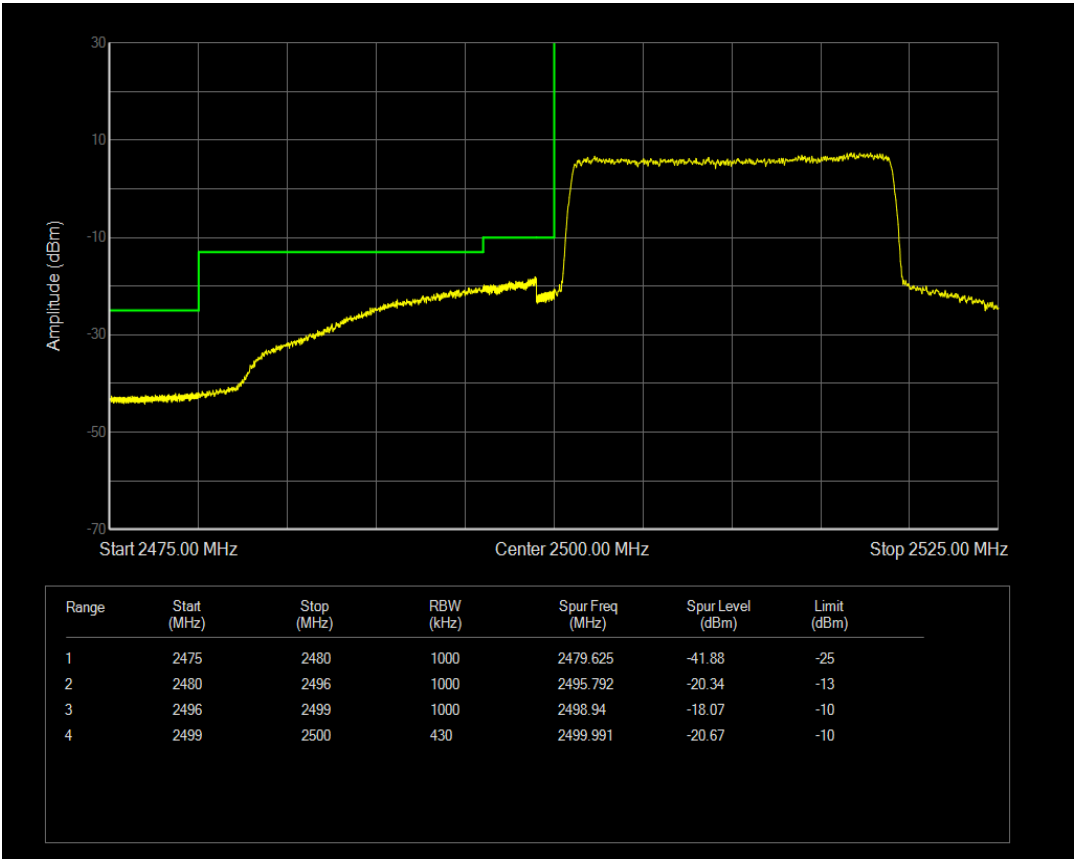
Band7 QPSK BW=15MHz Channel=21375 RB Size=75 Position=#0



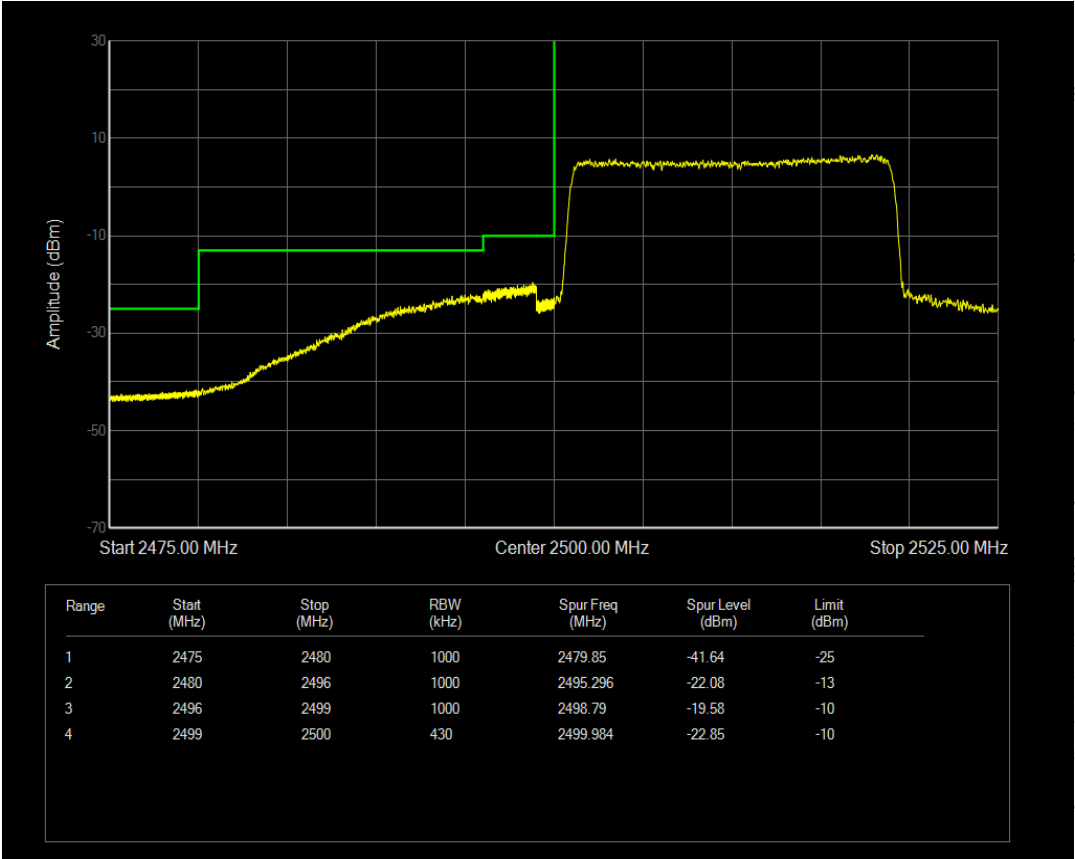
Band7 16QAM BW=15MHz Channel=21375 RB Size=75 Position=#0



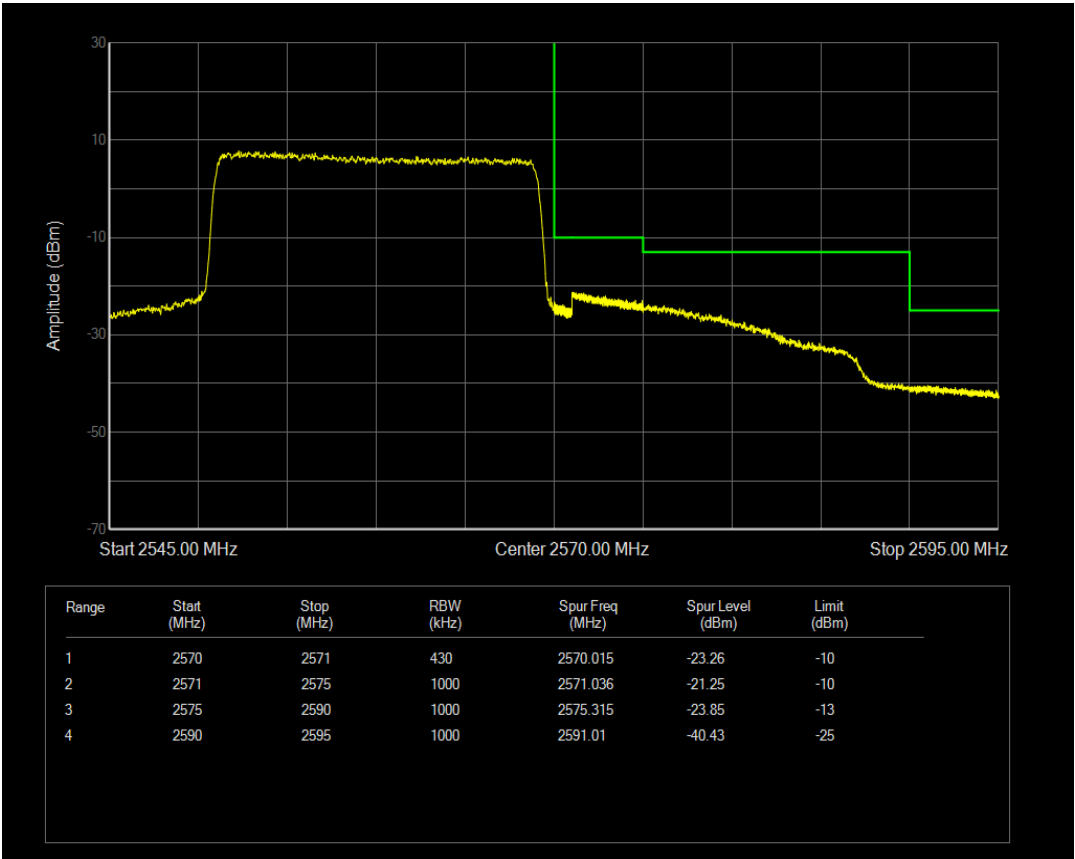
Band7 QPSK BW=20MHz Channel=20850 RB Size=100 Position=#0



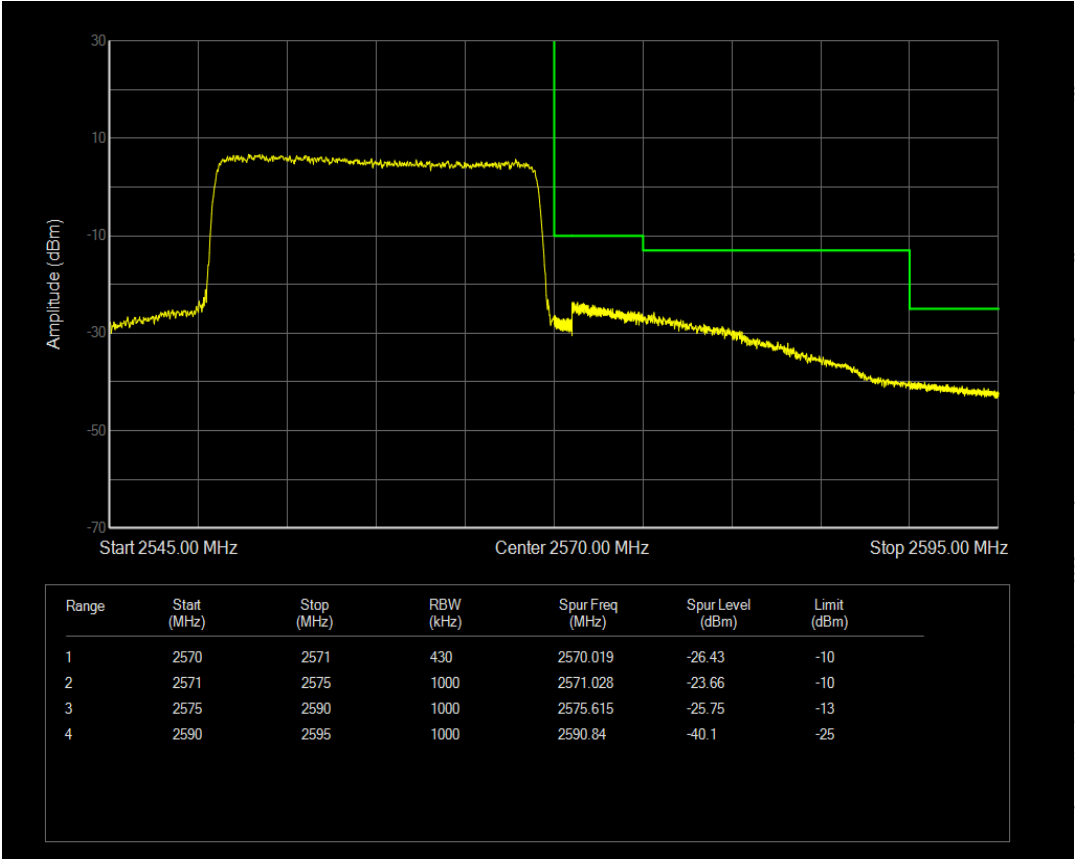
Band7 16QAM BW=20MHz Channel=20850 RB Size=100 Position=#0



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

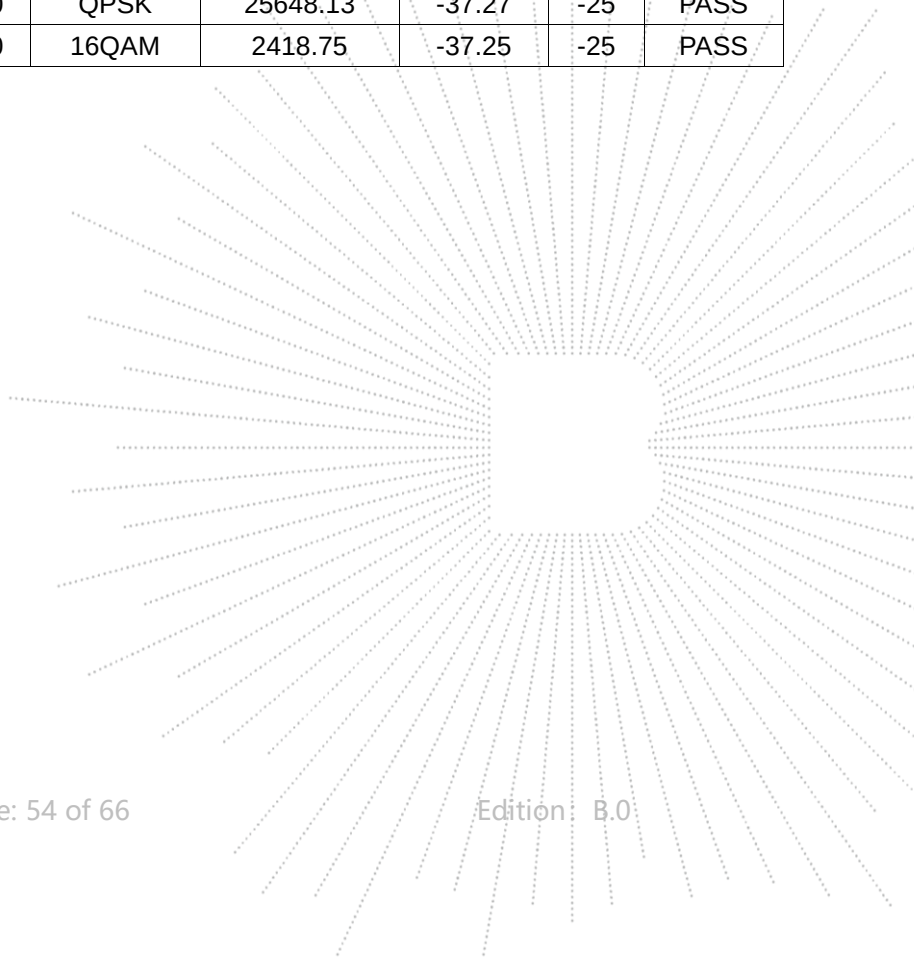


Band7 16QAM BW=20MHz Channel=21350 RB Size=100 Position=#0

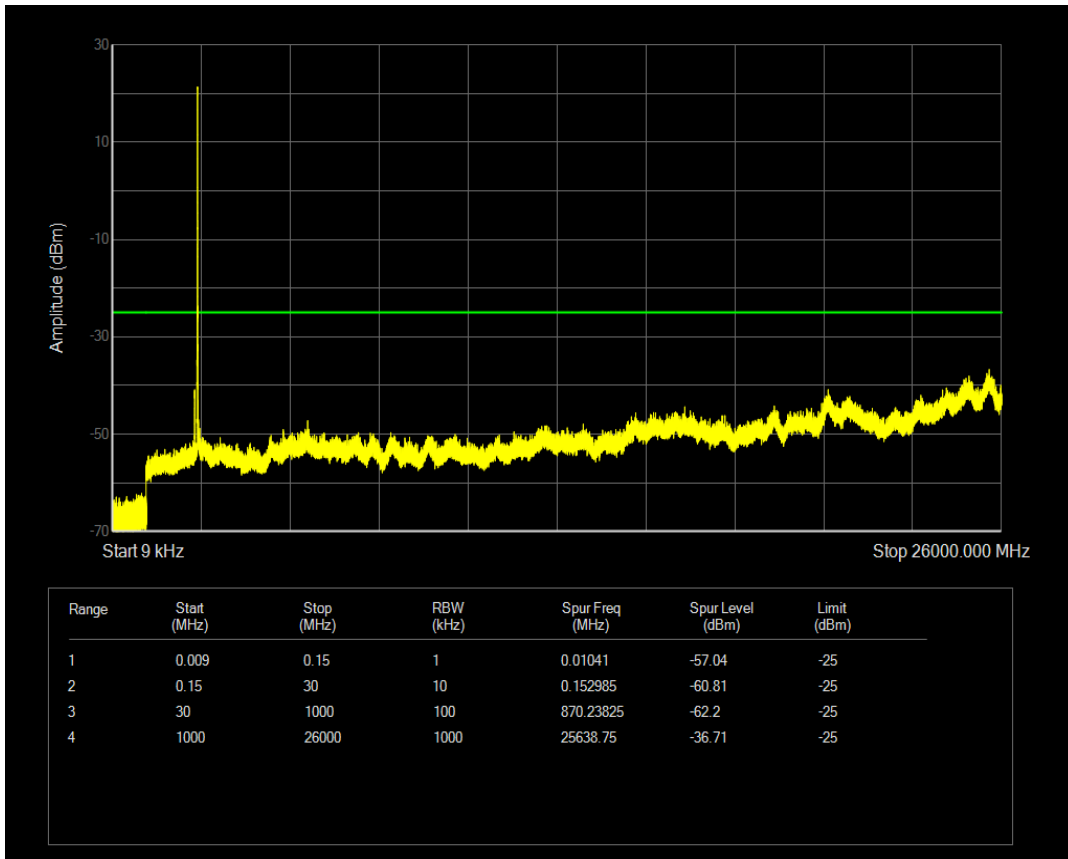


Appendix 6. Out-of-band emissions

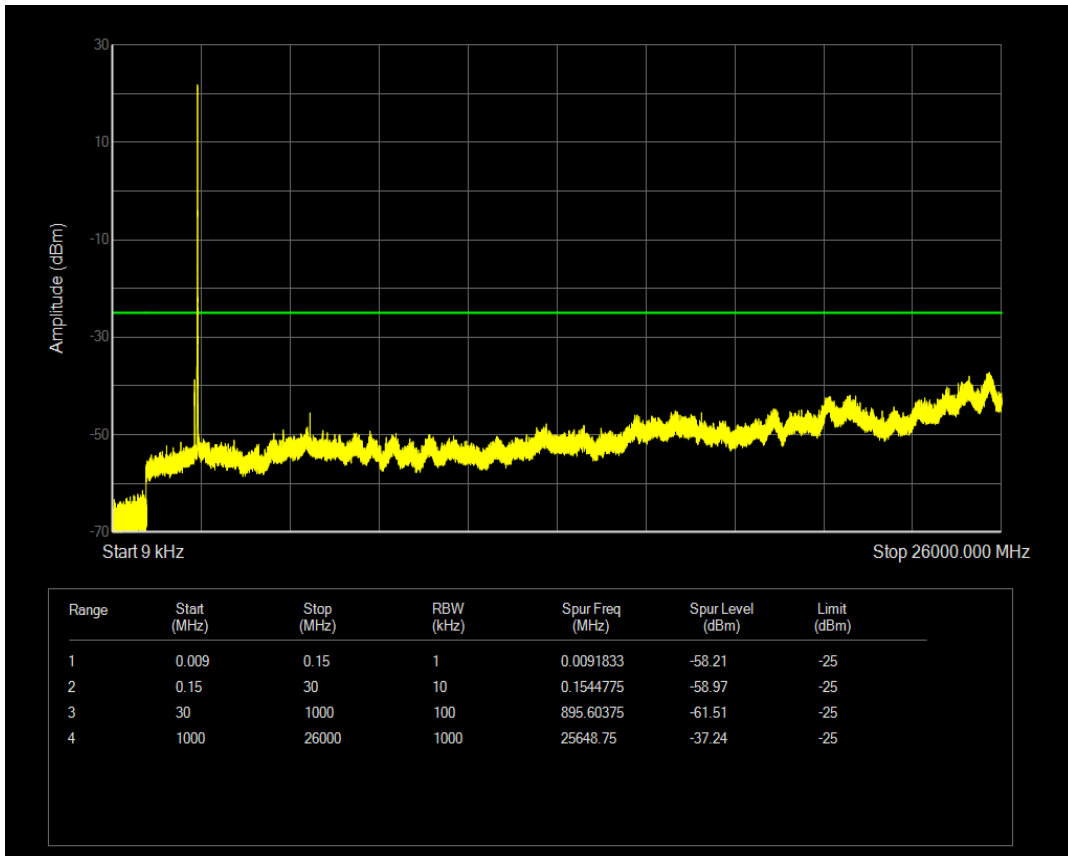
Band7	5	20775	25	#0	QPSK	25638.75	-36.71	-25	PASS
Band7	5	20775	25	#0	16QAM	25648.75	-37.24	-25	PASS
Band7	5	21100	25	#0	QPSK	25607.50	-36.99	-25	PASS
Band7	5	21100	25	#0	16QAM	25650.63	-37.53	-25	PASS
Band7	5	21425	25	#0	QPSK	25661.88	-37.00	-25	PASS
Band7	5	21425	25	#0	16QAM	25653.13	-36.85	-25	PASS
Band7	10	20800	50	#0	QPSK	25700.00	-36.79	-25	PASS
Band7	10	20800	50	#0	16QAM	25636.25	-36.53	-25	PASS
Band7	10	21100	50	#0	QPSK	2418.75	-37.46	-25	PASS
Band7	10	21100	50	#0	16QAM	25610.63	-37.23	-25	PASS
Band7	10	21400	50	#0	QPSK	25647.50	-36.57	-25	PASS
Band7	10	21400	50	#0	16QAM	2418.75	-36.23	-25	PASS
Band7	15	20825	75	#0	QPSK	2418.75	-36.43	-25	PASS
Band7	15	20825	75	#0	16QAM	25611.88	-36.74	-25	PASS
Band7	15	21100	75	#0	QPSK	25620.00	-36.43	-25	PASS
Band7	15	21100	75	#0	16QAM	25622.50	-37.55	-25	PASS
Band7	15	21375	75	#0	QPSK	25602.50	-36.26	-25	PASS
Band7	15	21375	75	#0	16QAM	25026.25	-37.42	-25	PASS
Band7	20	20850	100	#0	QPSK	2418.75	-36.73	-25	PASS
Band7	20	20850	100	#0	16QAM	2418.75	-36.11	-25	PASS
Band7	20	21100	100	#0	QPSK	2418.13	-36.11	-25	PASS
Band7	20	21100	100	#0	16QAM	2418.13	-36.91	-25	PASS
Band7	20	21350	100	#0	QPSK	25648.13	-37.27	-25	PASS
Band7	20	21350	100	#0	16QAM	2418.75	-37.25	-25	PASS



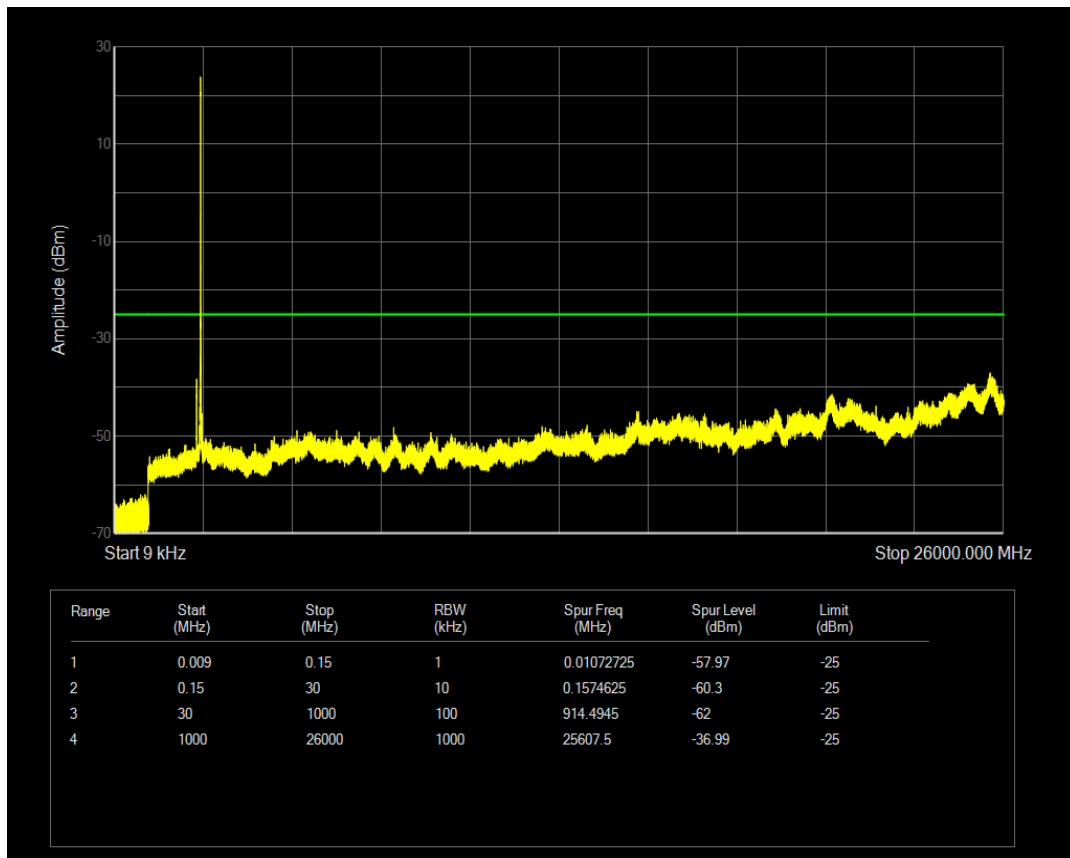
Band7 QPSK BW=5MHz Channel=20775 RB Size=25 Position=#0



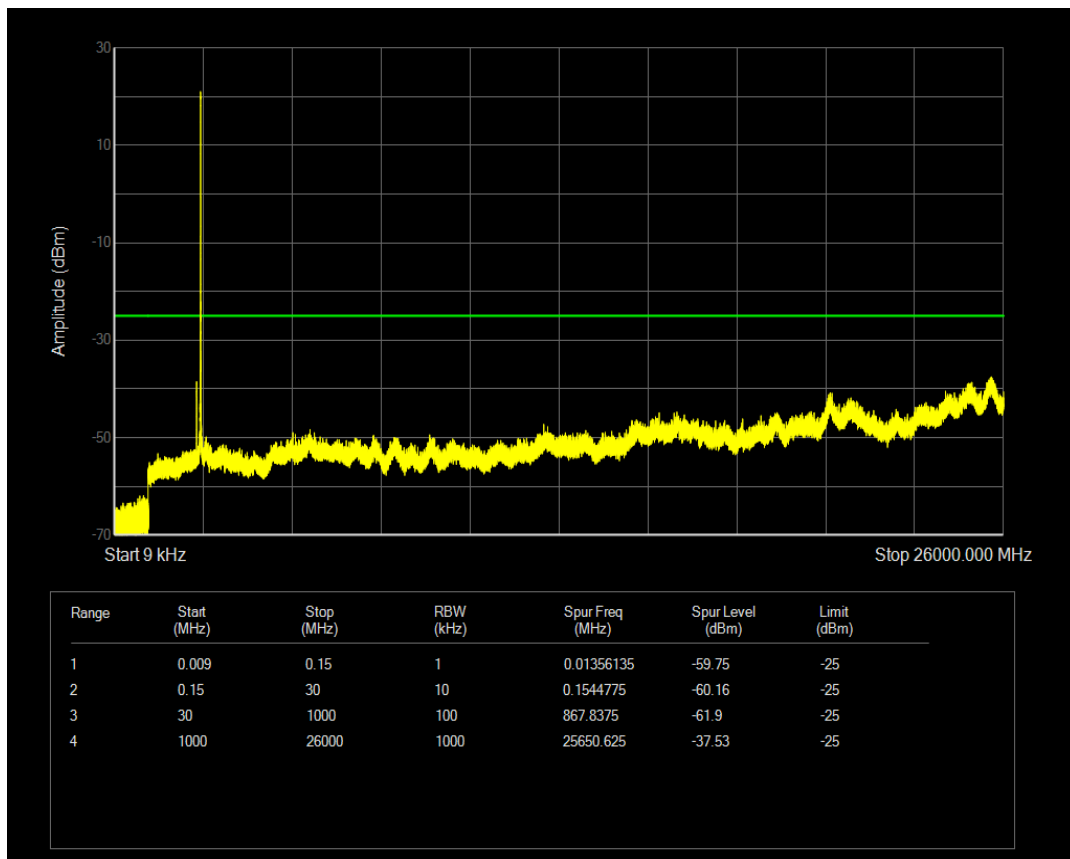
Band7 16QAM BW=5MHz Channel=20775 RB Size=25 Position=#0



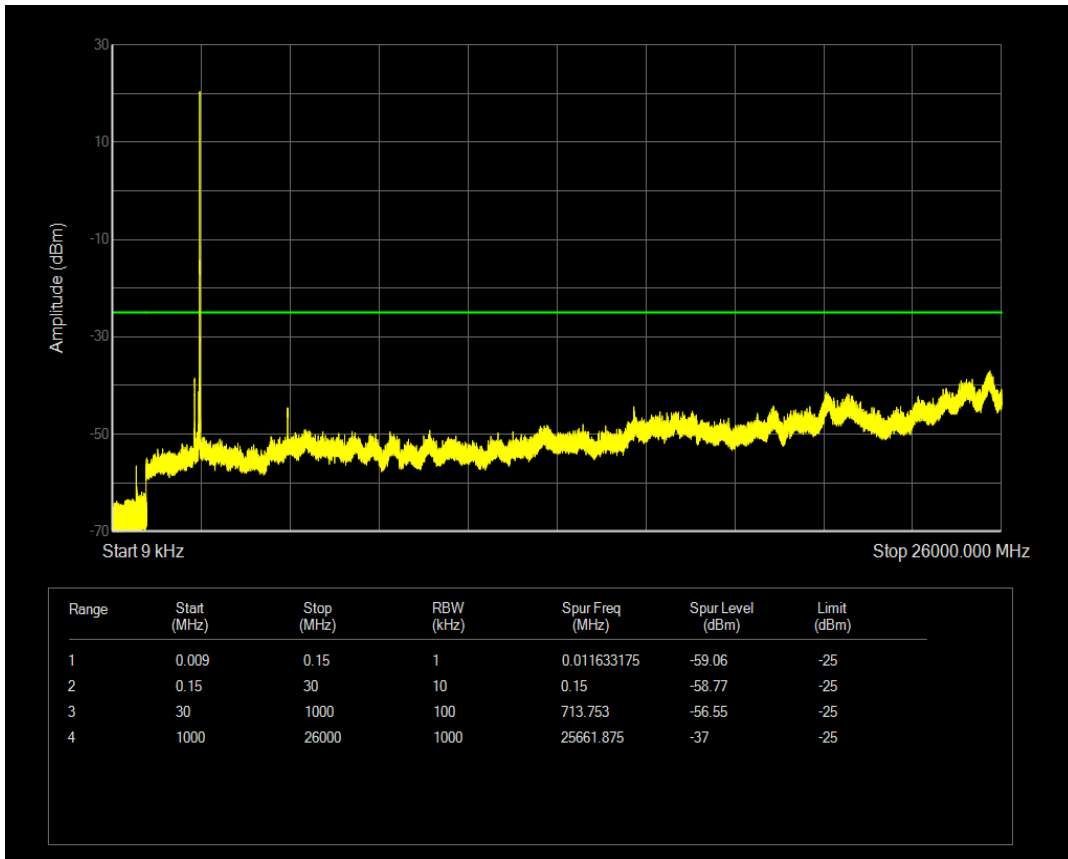
Band7 QPSK BW=5MHz Channel=21100 RB Size=25 Position=#0



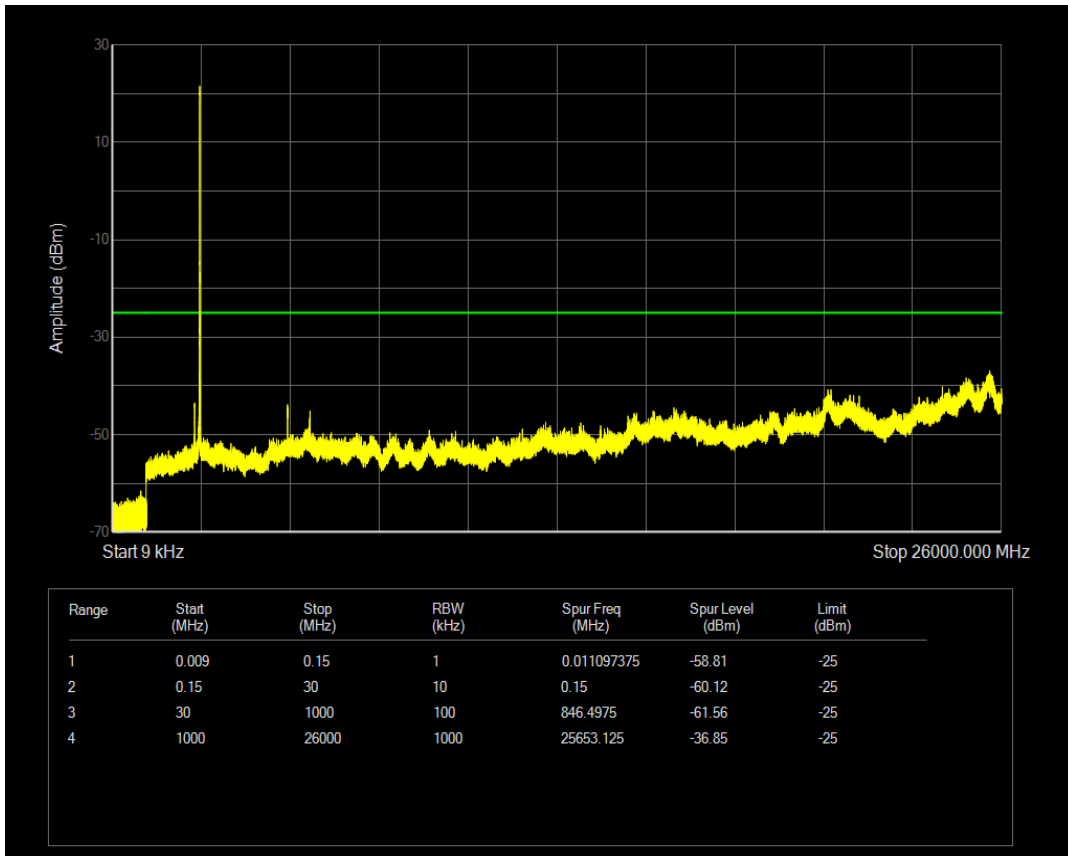
Band7 16QAM BW=5MHz Channel=21100 RB Size=25 Position=#0



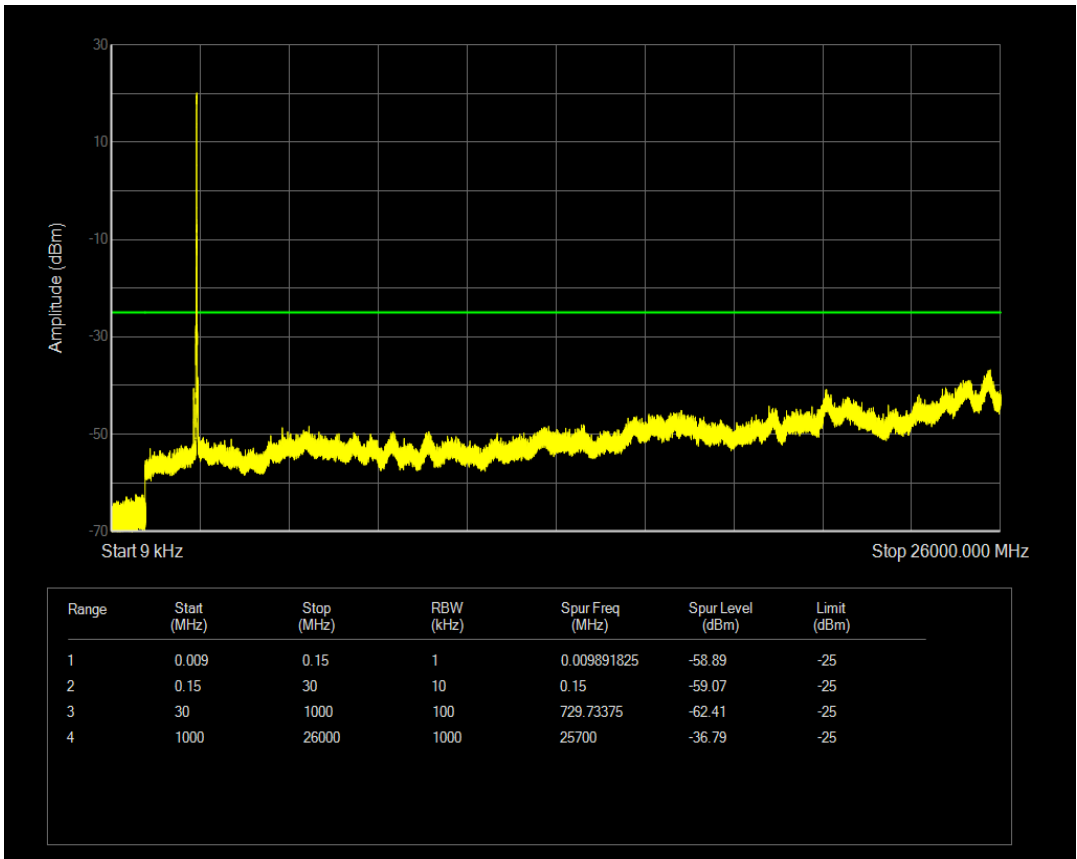
Band7 QPSK BW=5MHz Channel=21425 RB Size=25 Position=#0



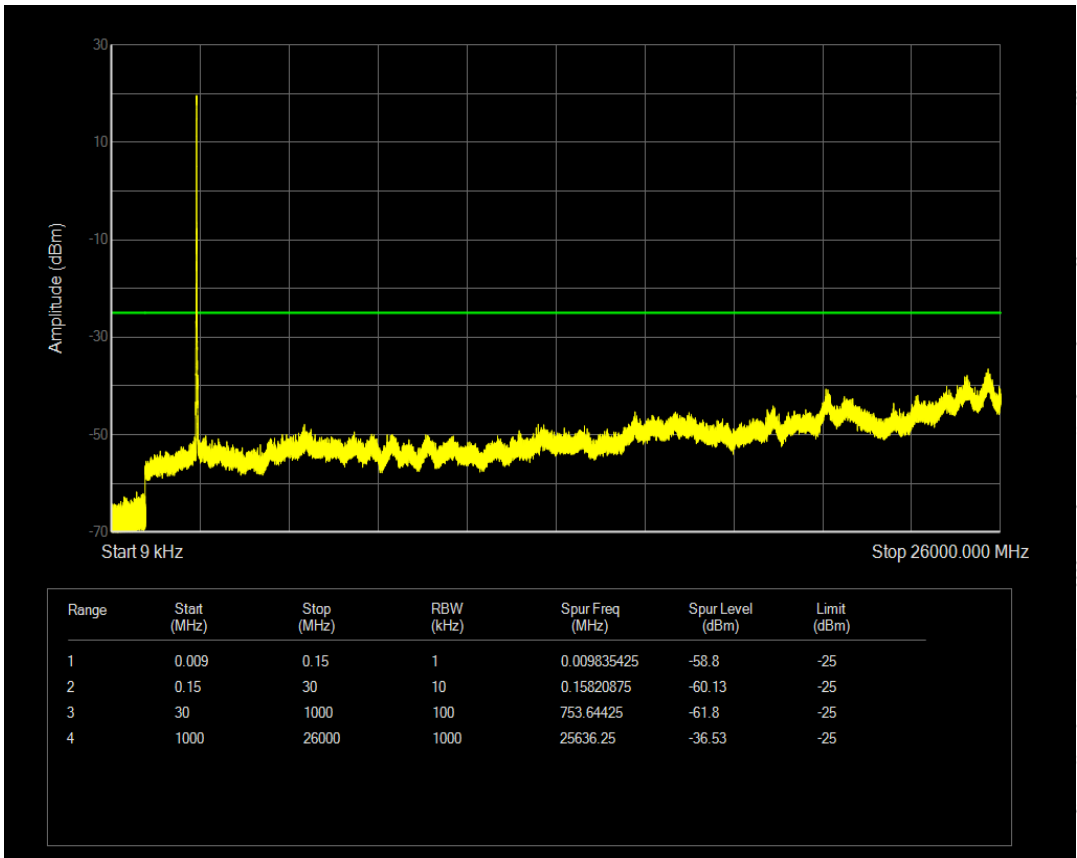
Band7 16QAM BW=5MHz Channel=21425 RB Size=25 Position=#0



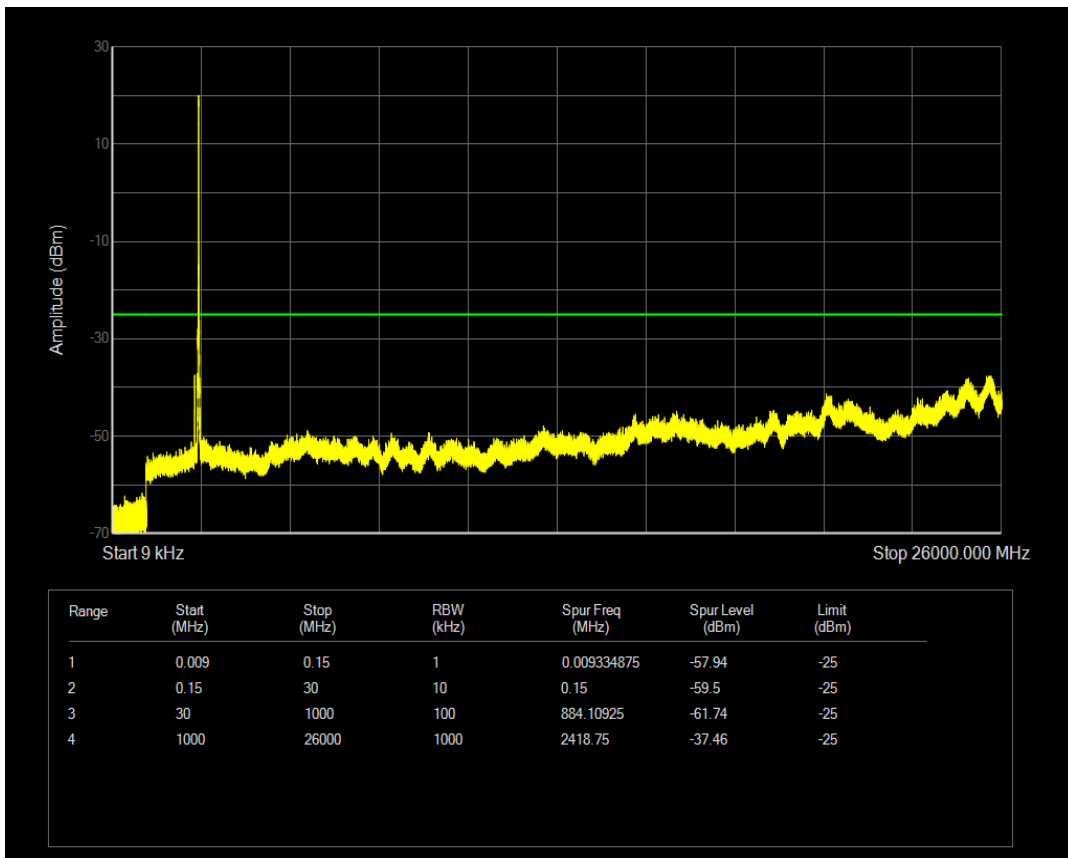
Band7 QPSK BW=10MHz Channel=20800 RB Size=50 Position=#0



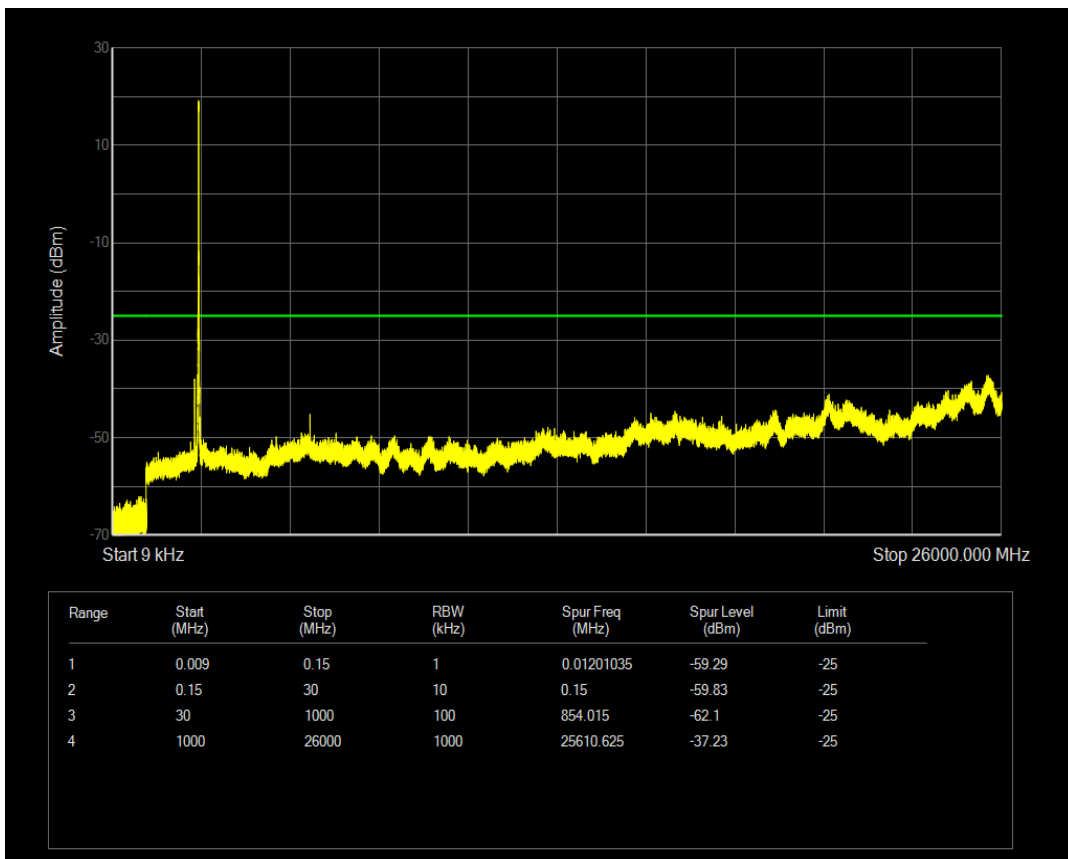
Band7 16QAM BW=10MHz Channel=20800 RB Size=50 Position=#0



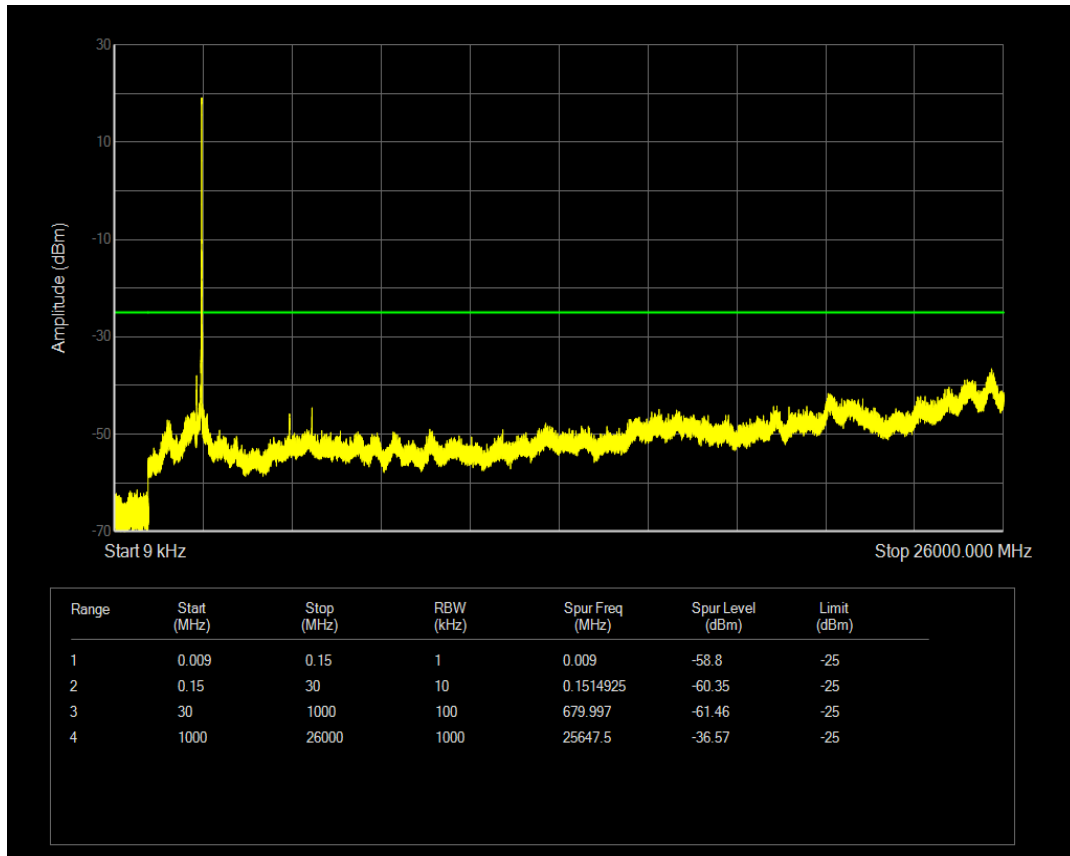
Band7 QPSK BW=10MHz Channel=21100 RB Size=50 Position=#0



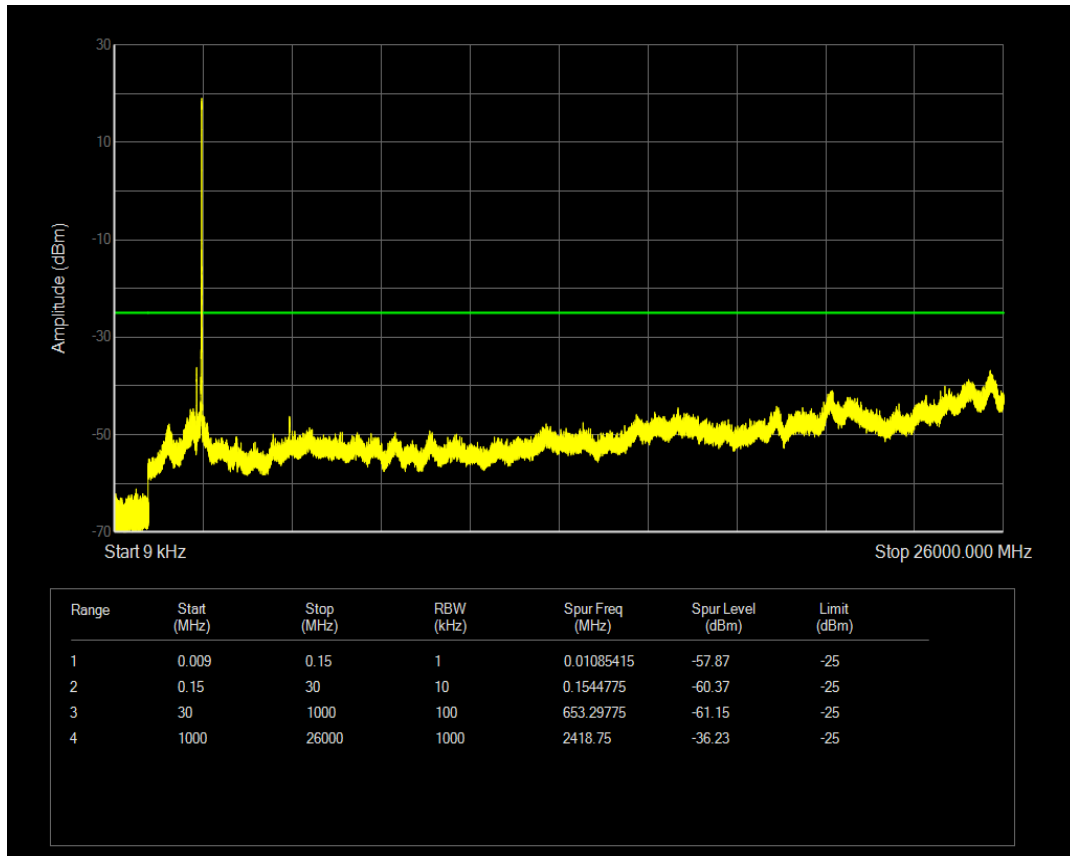
Band7 16QAM BW=10MHz Channel=21100 RB Size=50 Position=#0



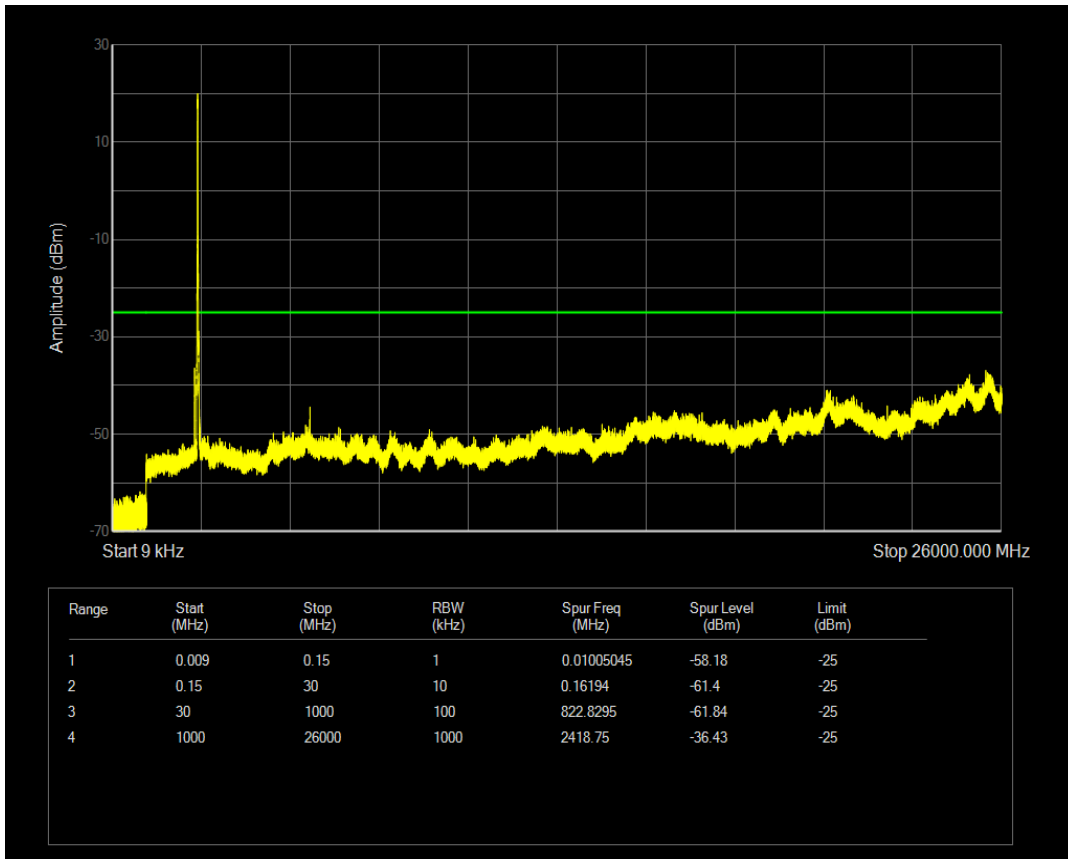
Band7 QPSK BW=10MHz Channel=21400 RB Size=50 Position=#0



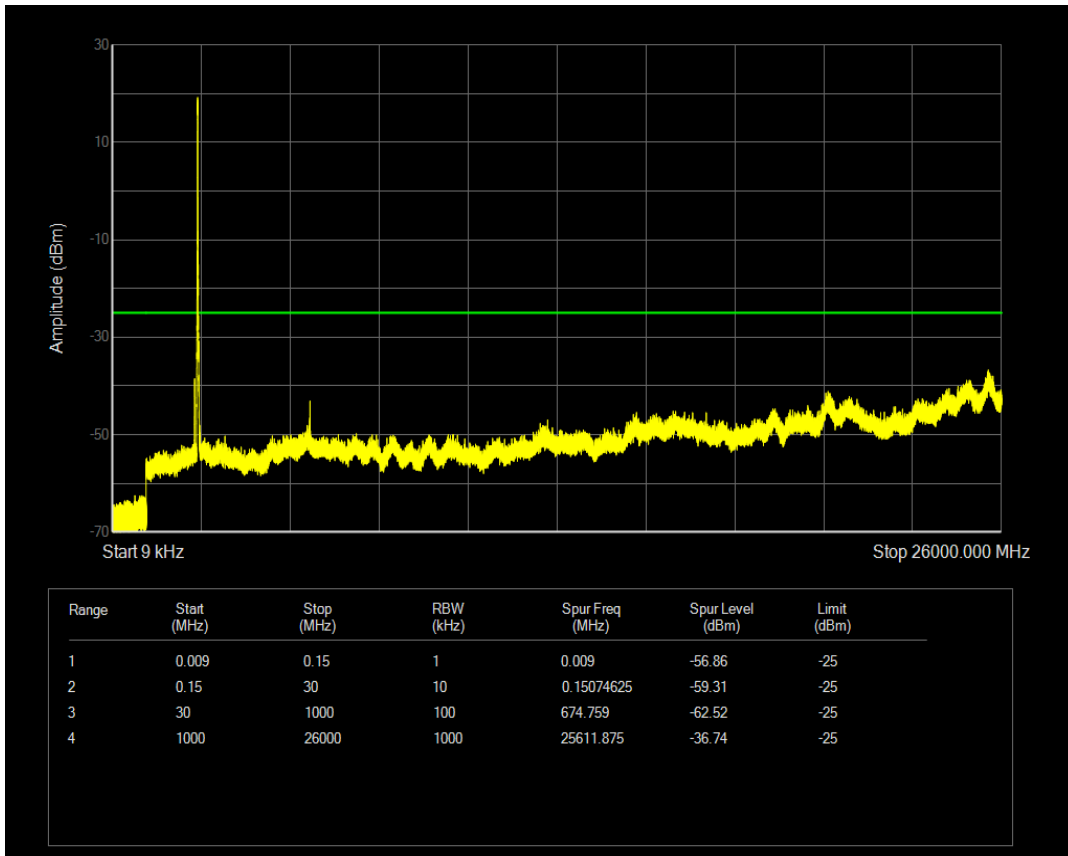
Band7 16QAM BW=10MHz Channel=21400 RB Size=50 Position=#0



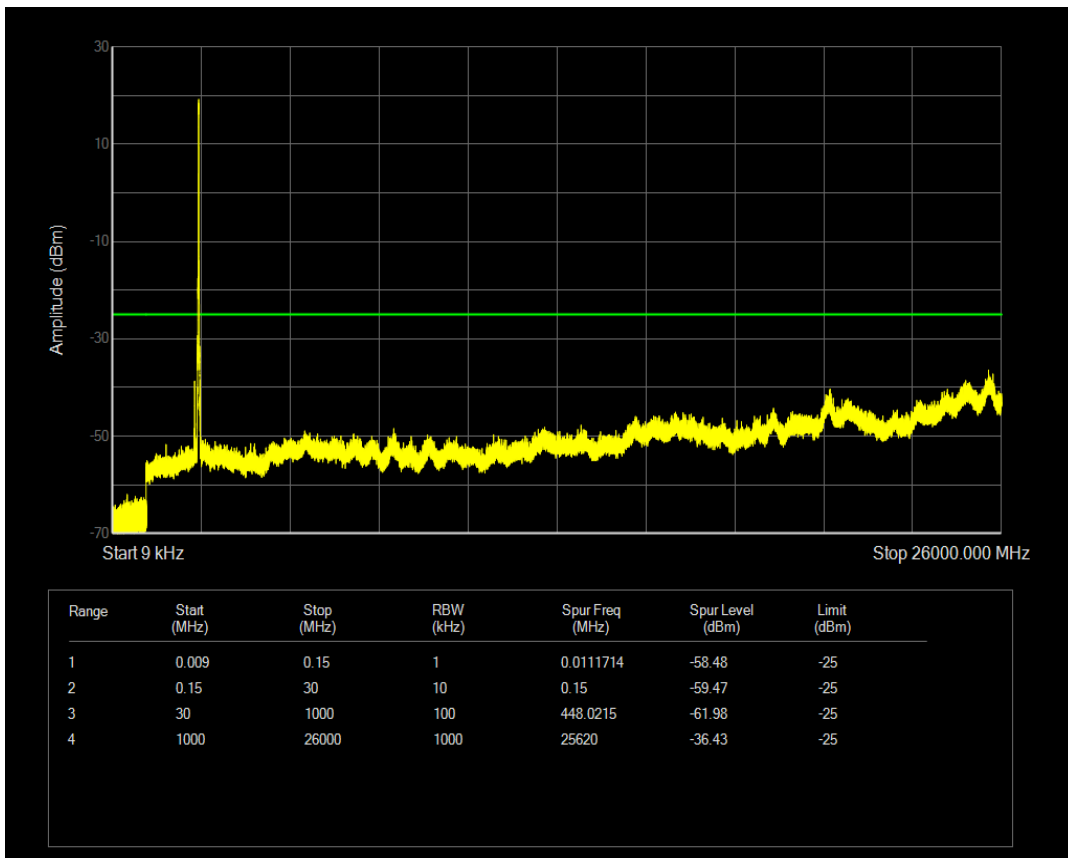
Band7 QPSK BW=15MHz Channel=20825 RB Size=75 Position=#0



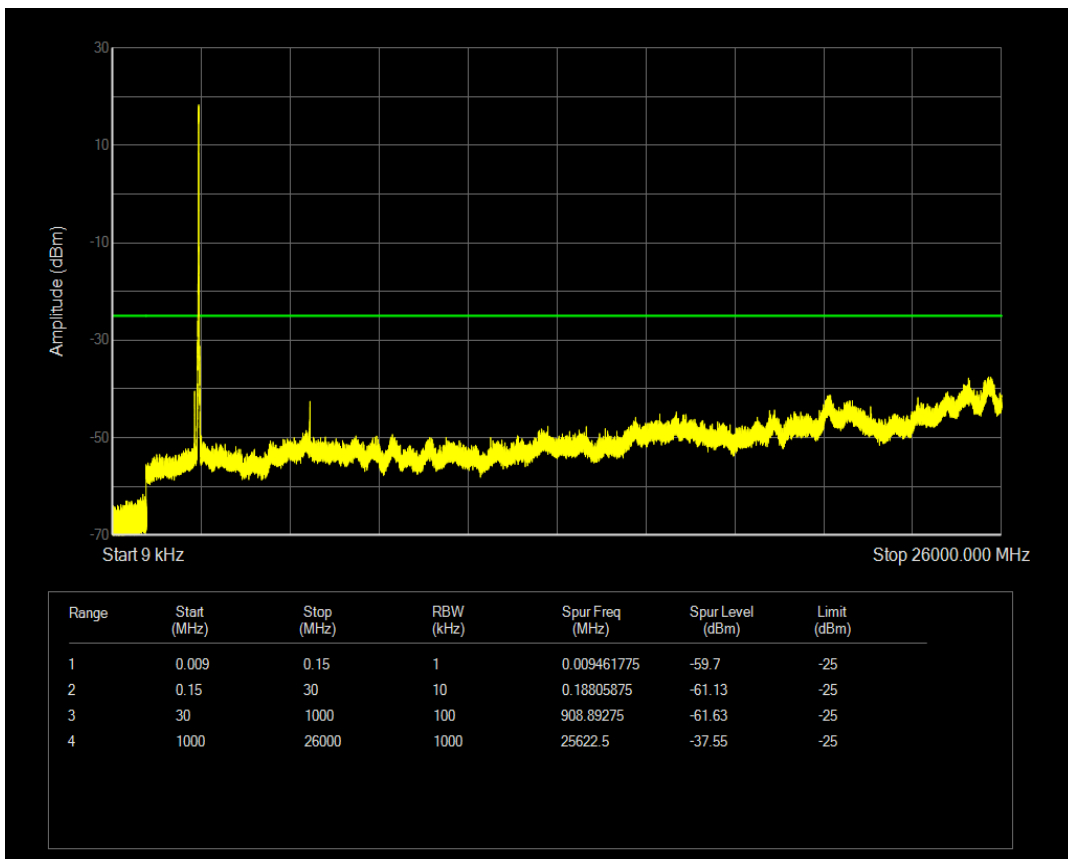
Band7 16QAM BW=15MHz Channel=20825 RB Size=75 Position=#0



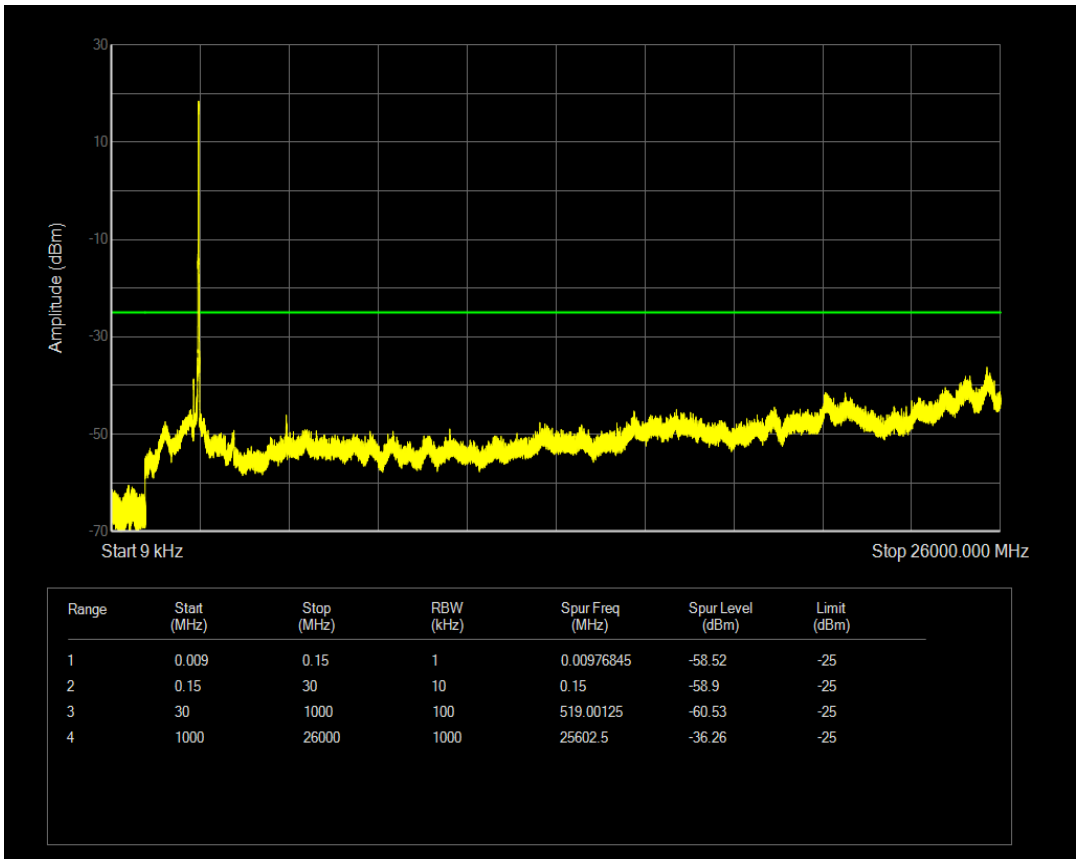
Band7 QPSK BW=15MHz Channel=21100 RB Size=75 Position=#0



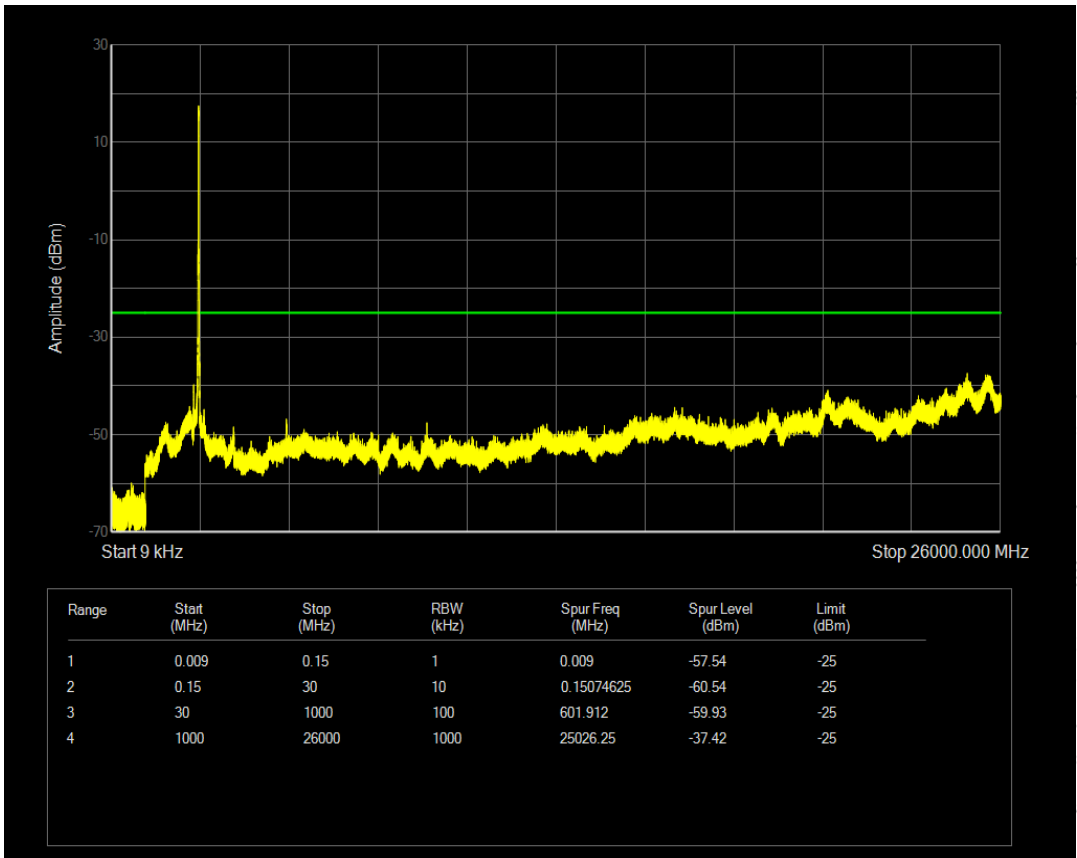
Band7 16QAM BW=15MHz Channel=21100 RB Size=75 Position=#0



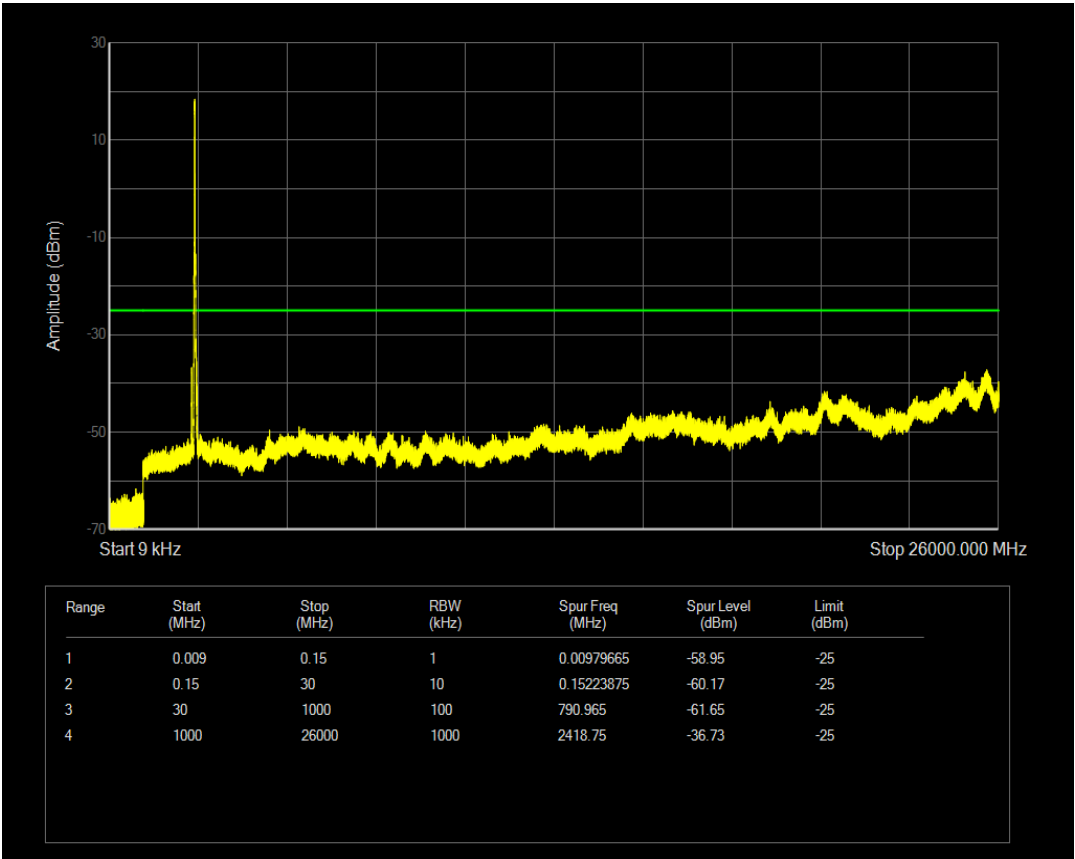
Band7 QPSK BW=15MHz Channel=21375 RB Size=75 Position=#0



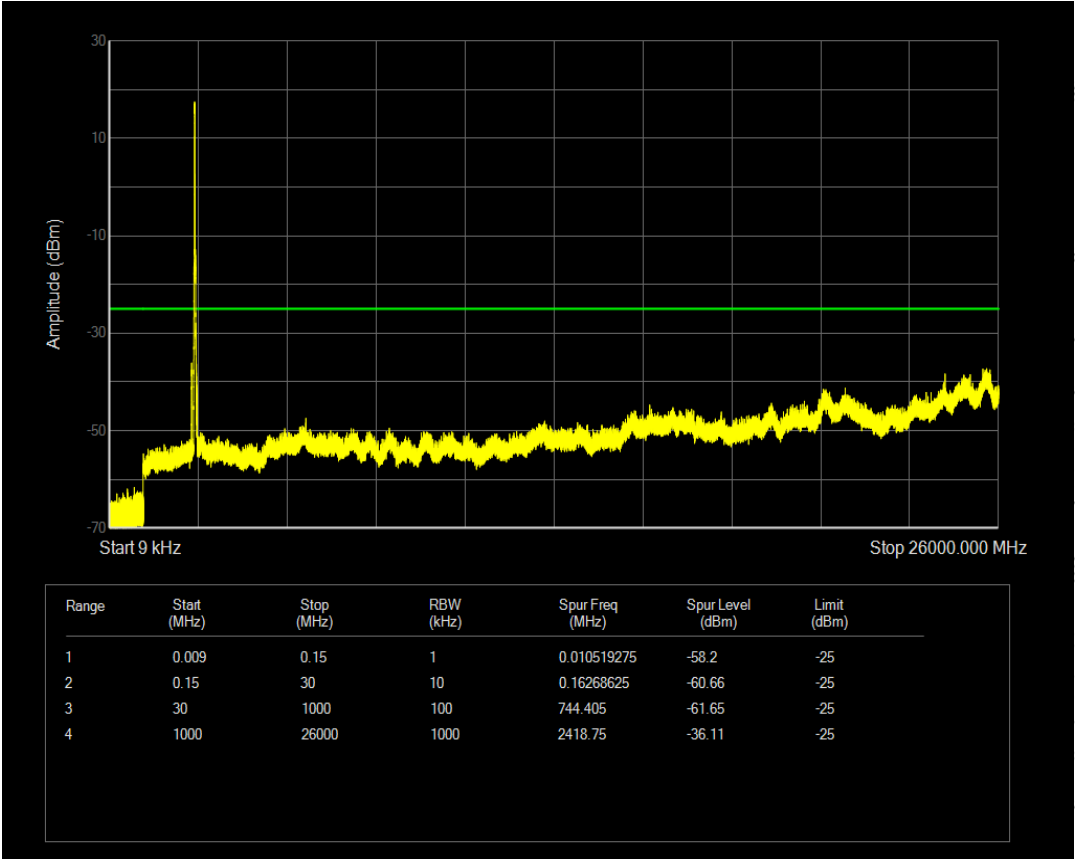
Band7 16QAM BW=15MHz Channel=21375 RB Size=75 Position=#0



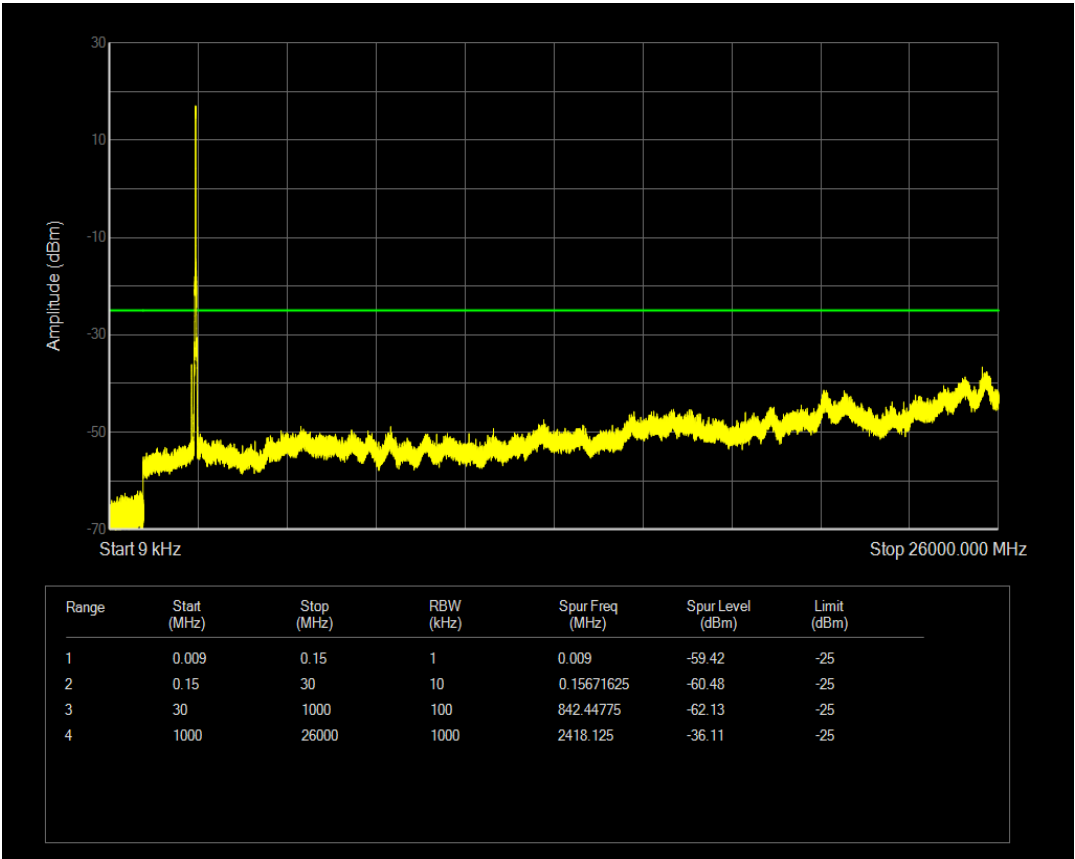
Band7 QPSK BW=20MHz Channel=20850 RB Size=100 Position=#0



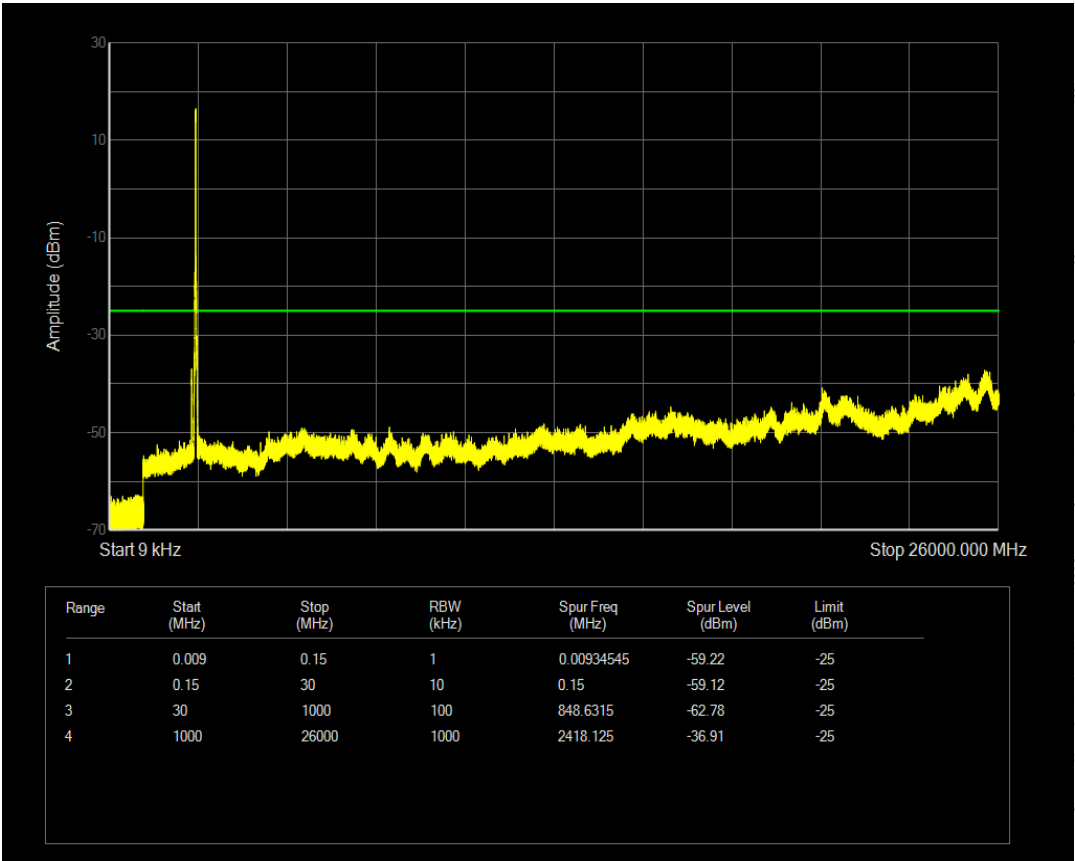
Band7 16QAM BW=20MHz Channel=20850 RB Size=100 Position=#0



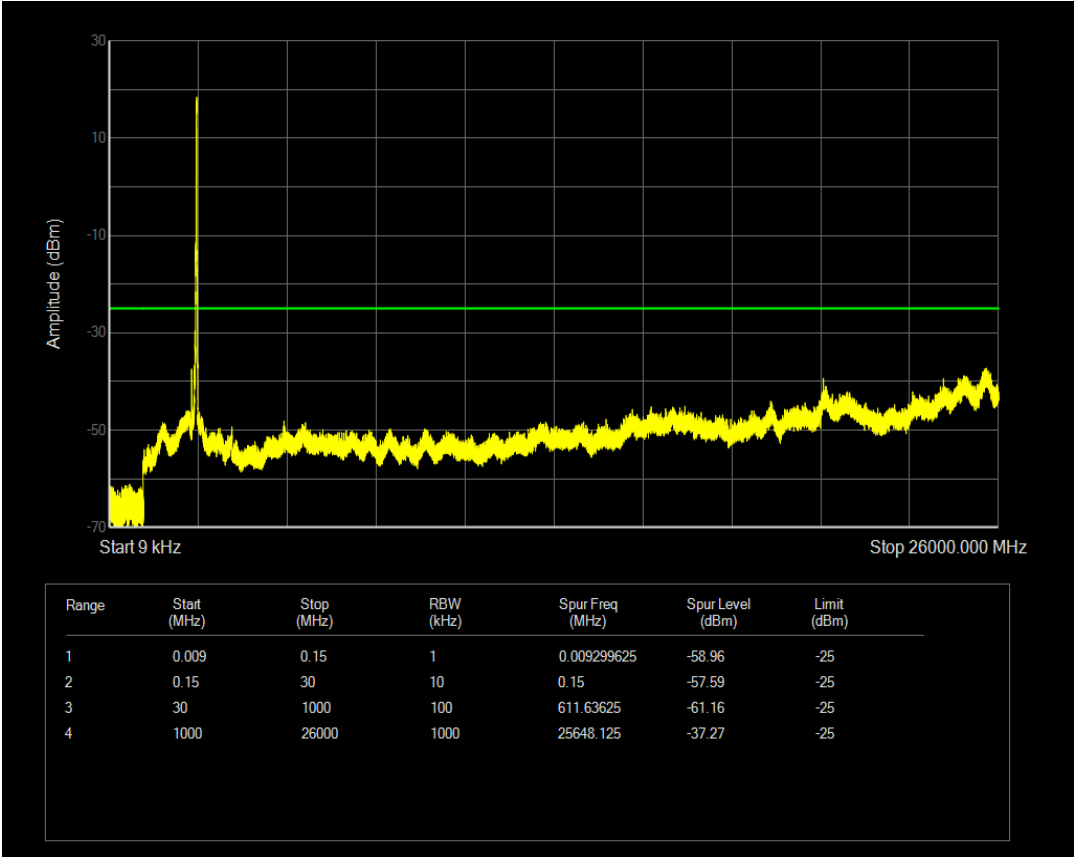
Band7 QPSK BW=20MHz Channel=21100 RB Size=100 Position=#0



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



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



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

