

Appendix for Band 7

Report No.: BCTC2310124303-6E

Applicant: SHENZHEN NST INDUSTRY AND TRADE CO.,LTD

Product Name: 10.1 inch tablet PC

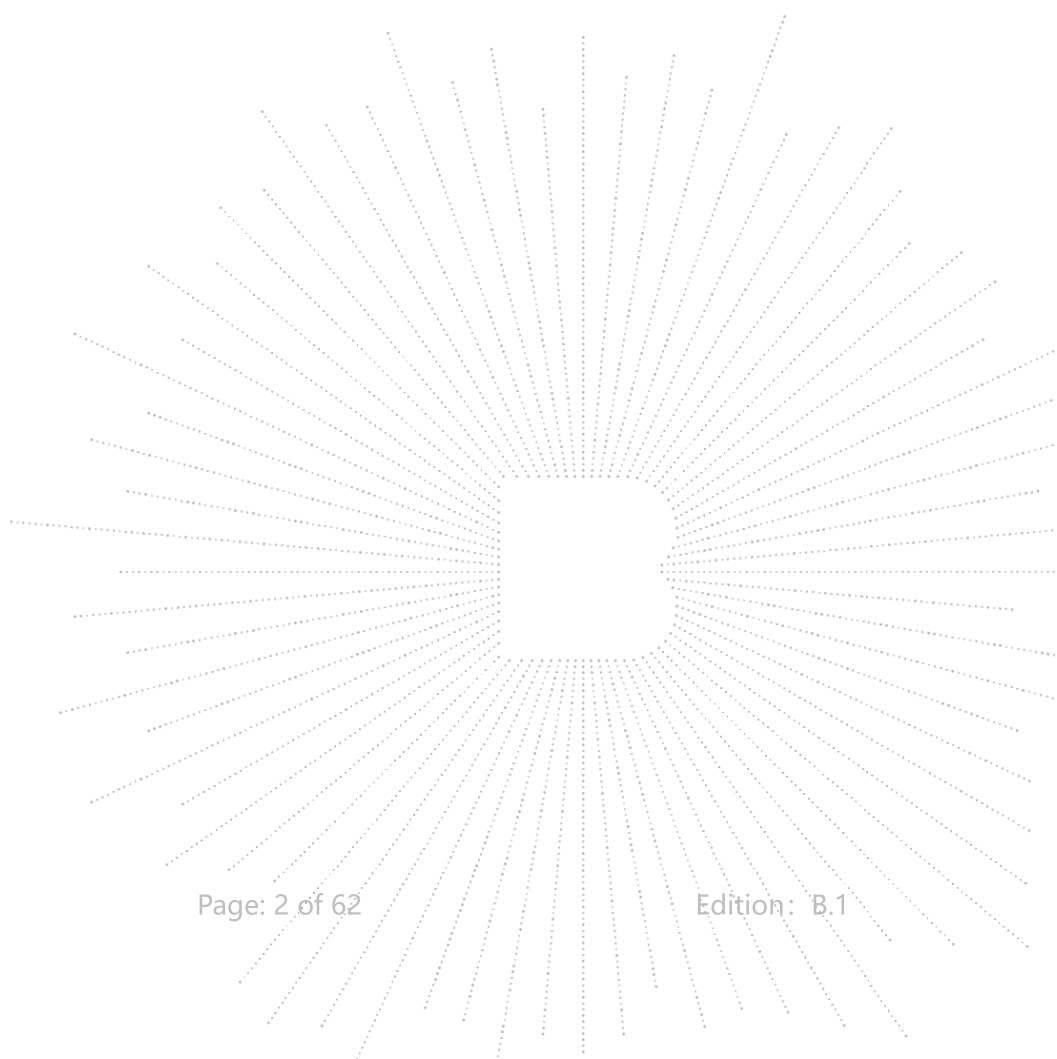
Test Model: T12

Tested Date: 2023-10-17 to 2024-01-17

Shenzhen BCTC Testing Co., Ltd.

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

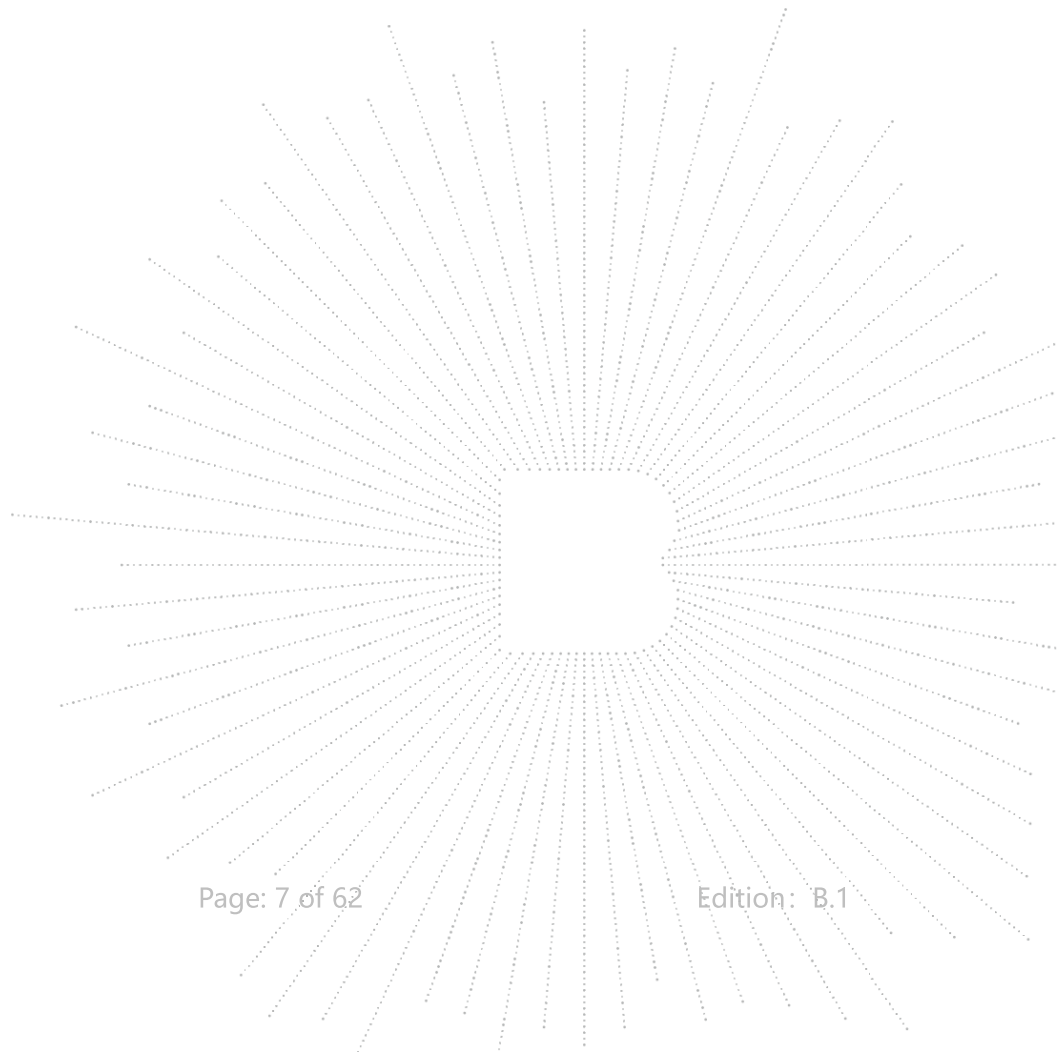
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Gain (dBm)	EIRP (dBm)	Verdict
Band7	5	20775	1	#0	QPSK	23.38	1.6	24.98	PASS
Band7	5	20775	1	#Mid	QPSK	23.46	1.6	25.06	PASS
Band7	5	20775	1	#Max	QPSK	23.45	1.6	25.05	PASS
Band7	5	20775	12	#0	QPSK	22.41	1.6	24.01	PASS
Band7	5	20775	12	#Mid	QPSK	22.31	1.6	23.91	PASS
Band7	5	20775	12	#Max	QPSK	22.39	1.6	23.99	PASS
Band7	5	20775	25	#0	QPSK	22.31	1.6	23.91	PASS
Band7	5	20775	1	#0	16QAM	22.08	1.6	23.68	PASS
Band7	5	20775	1	#Mid	16QAM	22.12	1.6	23.72	PASS
Band7	5	20775	1	#Max	16QAM	22.15	1.6	23.75	PASS
Band7	5	20775	12	#0	16QAM	20.98	1.6	22.58	PASS
Band7	5	20775	12	#Mid	16QAM	21.25	1.6	22.85	PASS
Band7	5	20775	12	#Max	16QAM	21.25	1.6	22.85	PASS
Band7	5	20775	25	#0	16QAM	21.38	1.6	22.98	PASS
Band7	5	21100	1	#0	QPSK	23.12	1.6	24.72	PASS
Band7	5	21100	1	#Mid	QPSK	23.14	1.6	24.74	PASS
Band7	5	21100	1	#Max	QPSK	23.15	1.6	24.75	PASS
Band7	5	21100	12	#0	QPSK	22.36	1.6	23.96	PASS
Band7	5	21100	12	#Mid	QPSK	22.21	1.6	23.81	PASS
Band7	5	21100	12	#Max	QPSK	22.28	1.6	23.88	PASS
Band7	5	21100	25	#0	QPSK	22.33	1.6	23.93	PASS
Band7	5	21100	1	#0	16QAM	22.57	1.6	24.17	PASS
Band7	5	21100	1	#Mid	16QAM	22.53	1.6	24.13	PASS
Band7	5	21100	1	#Max	16QAM	22.56	1.6	24.16	PASS
Band7	5	21100	12	#0	16QAM	21.3	1.6	22.90	PASS
Band7	5	21100	12	#Mid	16QAM	21.43	1.6	23.03	PASS
Band7	5	21100	12	#Max	16QAM	21.35	1.6	22.95	PASS
Band7	5	21100	25	#0	16QAM	21.34	1.6	22.94	PASS
Band7	5	21425	1	#0	QPSK	23.28	1.6	24.88	PASS
Band7	5	21425	1	#Mid	QPSK	23.1	1.6	24.70	PASS
Band7	5	21425	1	#Max	QPSK	23.23	1.6	24.83	PASS
Band7	5	21425	12	#0	QPSK	22.29	1.6	23.89	PASS
Band7	5	21425	12	#Mid	QPSK	22.23	1.6	23.83	PASS
Band7	5	21425	12	#Max	QPSK	22.25	1.6	23.85	PASS
Band7	5	21425	25	#0	QPSK	22.22	1.6	23.82	PASS
Band7	5	21425	1	#0	16QAM	22.32	1.6	23.92	PASS
Band7	5	21425	1	#Mid	16QAM	22.28	1.6	23.88	PASS
Band7	5	21425	1	#Max	16QAM	22.27	1.6	23.87	PASS

Band7	5	21425	12	#0	16QAM	21.06	1.6	22.66	PASS
Band7	5	21425	12	#Mid	16QAM	21.21	1.6	22.81	PASS
Band7	5	21425	12	#Max	16QAM	21.13	1.6	22.73	PASS
Band7	5	21425	25	#0	16QAM	21.49	1.6	23.09	PASS
Band7	10	20800	1	#0	QPSK	23.26	1.6	24.86	PASS
Band7	10	20800	1	#Mid	QPSK	23.41	1.6	25.01	PASS
Band7	10	20800	1	#Max	QPSK	23.46	1.6	25.06	PASS
Band7	10	20800	25	#0	QPSK	22.44	1.6	24.04	PASS
Band7	10	20800	25	#Mid	QPSK	22.43	1.6	24.03	PASS
Band7	10	20800	25	#Max	QPSK	22.35	1.6	23.95	PASS
Band7	10	20800	50	#0	QPSK	22.47	1.6	24.07	PASS
Band7	10	20800	1	#0	16QAM	23.5	1.6	25.10	PASS
Band7	10	20800	1	#Mid	16QAM	23.59	1.6	25.19	PASS
Band7	10	20800	1	#Max	16QAM	23.65	1.6	25.25	PASS
Band7	10	20800	25	#0	16QAM	21.28	1.6	22.88	PASS
Band7	10	20800	25	#Mid	16QAM	21.24	1.6	22.84	PASS
Band7	10	20800	25	#Max	16QAM	21.3	1.6	22.90	PASS
Band7	10	20800	50	#0	16QAM	21.35	1.6	22.95	PASS
Band7	10	21100	1	#0	QPSK	23.21	1.6	24.81	PASS
Band7	10	21100	1	#Mid	QPSK	23.23	1.6	24.83	PASS
Band7	10	21100	1	#Max	QPSK	23.25	1.6	24.85	PASS
Band7	10	21100	25	#0	QPSK	22.27	1.6	23.87	PASS
Band7	10	21100	25	#Mid	QPSK	22.29	1.6	23.89	PASS
Band7	10	21100	25	#Max	QPSK	22.36	1.6	23.96	PASS
Band7	10	21100	50	#0	QPSK	22.31	1.6	23.91	PASS
Band7	10	21100	1	#0	16QAM	22.37	1.6	23.97	PASS
Band7	10	21100	1	#Mid	16QAM	22.46	1.6	24.06	PASS
Band7	10	21100	1	#Max	16QAM	22.5	1.6	24.10	PASS
Band7	10	21100	25	#0	16QAM	21.31	1.6	22.91	PASS
Band7	10	21100	25	#Mid	16QAM	21.34	1.6	22.94	PASS
Band7	10	21100	25	#Max	16QAM	21.42	1.6	23.02	PASS
Band7	10	21100	50	#0	16QAM	21.4	1.6	23.00	PASS
Band7	10	21400	1	#0	QPSK	23.52	1.6	25.12	PASS
Band7	10	21400	1	#Mid	QPSK	23.46	1.6	25.06	PASS
Band7	10	21400	1	#Max	QPSK	23.36	1.6	24.96	PASS
Band7	10	21400	25	#0	QPSK	22.25	1.6	23.85	PASS
Band7	10	21400	25	#Mid	QPSK	22.2	1.6	23.80	PASS
Band7	10	21400	25	#Max	QPSK	22.23	1.6	23.83	PASS
Band7	10	21400	50	#0	QPSK	22.23	1.6	23.83	PASS
Band7	10	21400	1	#0	16QAM	22.42	1.6	24.02	PASS
Band7	10	21400	1	#Mid	16QAM	22.32	1.6	23.92	PASS
Band7	10	21400	1	#Max	16QAM	22.26	1.6	23.86	PASS
Band7	10	21400	25	#0	16QAM	21.36	1.6	22.96	PASS

Band7	10	21400	25	#Mid	16QAM	21.35	1.6	22.95	PASS
Band7	10	21400	25	#Max	16QAM	21.47	1.6	23.07	PASS
Band7	10	21400	50	#0	16QAM	21.39	1.6	22.99	PASS
Band7	15	20825	1	#0	QPSK	23.29	1.6	24.89	PASS
Band7	15	20825	1	#Mid	QPSK	23.45	1.6	25.05	PASS
Band7	15	20825	1	#Max	QPSK	23.41	1.6	25.01	PASS
Band7	15	20825	36	#0	QPSK	22.3	1.6	23.90	PASS
Band7	15	20825	36	#Mid	QPSK	22.44	1.6	24.04	PASS
Band7	15	20825	36	#Max	QPSK	22.34	1.6	23.94	PASS
Band7	15	20825	75	#0	QPSK	22.33	1.6	23.93	PASS
Band7	15	20825	1	#0	16QAM	23.49	1.6	25.09	PASS
Band7	15	20825	1	#Mid	16QAM	23.68	1.6	25.28	PASS
Band7	15	20825	1	#Max	16QAM	23.7	1.6	25.30	PASS
Band7	15	20825	36	#0	16QAM	21.5	1.6	23.10	PASS
Band7	15	20825	36	#Mid	16QAM	21.56	1.6	23.16	PASS
Band7	15	20825	36	#Max	16QAM	21.51	1.6	23.11	PASS
Band7	15	20825	75	#0	16QAM	21.56	1.6	23.16	PASS
Band7	15	21100	1	#0	QPSK	23.26	1.6	24.86	PASS
Band7	15	21100	1	#Mid	QPSK	23.27	1.6	24.87	PASS
Band7	15	21100	1	#Max	QPSK	23.34	1.6	24.94	PASS
Band7	15	21100	36	#0	QPSK	22.19	1.6	23.79	PASS
Band7	15	21100	36	#Mid	QPSK	22.28	1.6	23.88	PASS
Band7	15	21100	36	#Max	QPSK	22.36	1.6	23.96	PASS
Band7	15	21100	75	#0	QPSK	22.28	1.6	23.88	PASS
Band7	15	21100	1	#0	16QAM	22.25	1.6	23.85	PASS
Band7	15	21100	1	#Mid	16QAM	22.39	1.6	23.99	PASS
Band7	15	21100	1	#Max	16QAM	22.45	1.6	24.05	PASS
Band7	15	21100	36	#0	16QAM	21.44	1.6	23.04	PASS
Band7	15	21100	36	#Mid	16QAM	21.44	1.6	23.04	PASS
Band7	15	21100	36	#Max	16QAM	21.52	1.6	23.12	PASS
Band7	15	21100	75	#0	16QAM	21.45	1.6	23.05	PASS
Band7	15	21375	1	#0	QPSK	23.52	1.6	25.12	PASS
Band7	15	21375	1	#Mid	QPSK	23.43	1.6	25.03	PASS
Band7	15	21375	1	#Max	QPSK	23.39	1.6	24.99	PASS
Band7	15	21375	36	#0	QPSK	22.23	1.6	23.83	PASS
Band7	15	21375	36	#Mid	QPSK	22.35	1.6	23.95	PASS
Band7	15	21375	36	#Max	QPSK	22.22	1.6	23.82	PASS
Band7	15	21375	75	#0	QPSK	22.23	1.6	23.83	PASS
Band7	15	21375	1	#0	16QAM	23.14	1.6	24.74	PASS
Band7	15	21375	1	#Mid	16QAM	23.01	1.6	24.61	PASS
Band7	15	21375	1	#Max	16QAM	23	1.6	24.60	PASS
Band7	15	21375	36	#0	16QAM	21.32	1.6	22.92	PASS
Band7	15	21375	36	#Mid	16QAM	21.26	1.6	22.86	PASS

Band7	15	21375	36	#Max	16QAM	21.33	1.6	22.93	PASS
Band7	15	21375	75	#0	16QAM	21.39	1.6	22.99	PASS
Band7	20	20850	1	#0	QPSK	23.46	1.6	25.06	PASS
Band7	20	20850	1	#Mid	QPSK	23.57	1.6	25.17	PASS
Band7	20	20850	1	#Max	QPSK	23.49	1.6	25.09	PASS
Band7	20	20850	50	#0	QPSK	22.33	1.6	23.93	PASS
Band7	20	20850	50	#Mid	QPSK	22.46	1.6	24.06	PASS
Band7	20	20850	50	#Max	QPSK	22.4	1.6	24.00	PASS
Band7	20	20850	100	#0	QPSK	22.37	1.6	23.97	PASS
Band7	20	20850	1	#0	16QAM	22.14	1.6	23.74	PASS
Band7	20	20850	1	#Mid	16QAM	22.21	1.6	23.81	PASS
Band7	20	20850	1	#Max	16QAM	22.11	1.6	23.71	PASS
Band7	20	20850	50	#0	16QAM	21.55	1.6	23.15	PASS
Band7	20	20850	50	#Mid	16QAM	21.58	1.6	23.18	PASS
Band7	20	20850	50	#Max	16QAM	21.53	1.6	23.13	PASS
Band7	20	20850	100	#0	16QAM	21.43	1.6	23.03	PASS
Band7	20	21100	1	#0	QPSK	23.39	1.6	24.99	PASS
Band7	20	21100	1	#Mid	QPSK	23.47	1.6	25.07	PASS
Band7	20	21100	1	#Max	QPSK	23.59	1.6	25.19	PASS
Band7	20	21100	50	#0	QPSK	22.27	1.6	23.87	PASS
Band7	20	21100	50	#Mid	QPSK	22.4	1.6	24.00	PASS
Band7	20	21100	50	#Max	QPSK	22.28	1.6	23.88	PASS
Band7	20	21100	100	#0	QPSK	22.33	1.6	23.93	PASS
Band7	20	21100	1	#0	16QAM	22.63	1.6	24.23	PASS
Band7	20	21100	1	#Mid	16QAM	22.69	1.6	24.29	PASS
Band7	20	21100	1	#Max	16QAM	22.68	1.6	24.28	PASS
Band7	20	21100	50	#0	16QAM	21.39	1.6	22.99	PASS
Band7	20	21100	50	#Mid	16QAM	21.32	1.6	22.92	PASS
Band7	20	21100	50	#Max	16QAM	21.48	1.6	23.08	PASS
Band7	20	21100	100	#0	16QAM	21.28	1.6	22.88	PASS
Band7	20	21350	1	#0	QPSK	23.64	1.6	25.24	PASS
Band7	20	21350	1	#Mid	QPSK	23.6	1.6	25.20	PASS
Band7	20	21350	1	#Max	QPSK	23.39	1.6	24.99	PASS
Band7	20	21350	50	#0	QPSK	22.38	1.6	23.98	PASS
Band7	20	21350	50	#Mid	QPSK	22.25	1.6	23.85	PASS
Band7	20	21350	50	#Max	QPSK	22.34	1.6	23.94	PASS
Band7	20	21350	100	#0	QPSK	22.35	1.6	23.95	PASS
Band7	20	21350	1	#0	16QAM	22.45	1.6	24.05	PASS
Band7	20	21350	1	#Mid	16QAM	22.29	1.6	23.89	PASS
Band7	20	21350	1	#Max	16QAM	22.32	1.6	23.92	PASS
Band7	20	21350	50	#0	16QAM	21.41	1.6	23.01	PASS
Band7	20	21350	50	#Mid	16QAM	21.36	1.6	22.96	PASS
Band7	20	21350	50	#Max	16QAM	21.38	1.6	22.98	PASS

Band7	20	21350	100	#0	16QAM	21.37	1.6	22.97	PASS
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Appendix 2. Frequency stability

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Voltage (Vdc)	Temperature (C)	Result (Hz)	Result (ppm)	Verdict
Band7	5	20775	25	#0	QPSK	LV	NT	-29.23	-0.012	PASS
Band7	5	20775	25	#0	QPSK	NV	NT	-35.02	-0.014	PASS
Band7	5	20775	25	#0	QPSK	HV	NT	-45.30	-0.018	PASS
Band7	5	20775	25	#0	16QAM	LV	NT	-38.92	-0.016	PASS
Band7	5	20775	25	#0	16QAM	NV	NT	-11.92	-0.005	PASS
Band7	5	20775	25	#0	16QAM	HV	NT	-15.44	-0.006	PASS
Band7	5	21100	25	#0	QPSK	LV	NT	-31.40	-0.012	PASS
Band7	5	21100	25	#0	QPSK	NV	NT	-35.95	-0.014	PASS
Band7	5	21100	25	#0	QPSK	HV	NT	-37.08	-0.015	PASS
Band7	5	21100	25	#0	16QAM	LV	NT	-41.94	-0.017	PASS
Band7	5	21100	25	#0	16QAM	NV	NT	-41.57	-0.016	PASS
Band7	5	21100	25	#0	16QAM	HV	NT	-38.82	-0.015	PASS
Band7	5	21425	25	#0	QPSK	LV	NT	-36.11	-0.014	PASS
Band7	5	21425	25	#0	QPSK	NV	NT	-38.91	-0.015	PASS
Band7	5	21425	25	#0	QPSK	HV	NT	-45.03	-0.018	PASS
Band7	5	21425	25	#0	16QAM	LV	NT	-38.18	-0.015	PASS
Band7	5	21425	25	#0	16QAM	NV	NT	-37.95	-0.015	PASS
Band7	5	21425	25	#0	16QAM	HV	NT	-32.32	-0.013	PASS
Band7	10	20800	50	#0	QPSK	LV	NT	-40.73	-0.016	PASS
Band7	10	20800	50	#0	QPSK	NV	NT	-14.29	-0.006	PASS
Band7	10	20800	50	#0	QPSK	HV	NT	-22.03	-0.009	PASS
Band7	10	20800	50	#0	16QAM	LV	NT	-28.62	-0.011	PASS
Band7	10	20800	50	#0	16QAM	NV	NT	-26.61	-0.011	PASS
Band7	10	20800	50	#0	16QAM	HV	NT	-22.09	-0.009	PASS
Band7	10	21100	50	#0	QPSK	LV	NT	-10.51	-0.004	PASS
Band7	10	21100	50	#0	QPSK	NV	NT	-13.63	-0.005	PASS
Band7	10	21100	50	#0	QPSK	HV	NT	-8.73	-0.003	PASS
Band7	10	21100	50	#0	16QAM	LV	NT	-9.34	-0.004	PASS
Band7	10	21100	50	#0	16QAM	NV	NT	-4.21	-0.002	PASS
Band7	10	21100	50	#0	16QAM	HV	NT	-4.28	-0.002	PASS
Band7	10	21400	50	#0	QPSK	LV	NT	-29.60	-0.012	PASS
Band7	10	21400	50	#0	QPSK	NV	NT	-30.16	-0.012	PASS
Band7	10	21400	50	#0	QPSK	HV	NT	-33.60	-0.013	PASS
Band7	10	21400	50	#0	16QAM	LV	NT	-29.77	-0.012	PASS
Band7	10	21400	50	#0	16QAM	NV	NT	-22.49	-0.009	PASS
Band7	10	21400	50	#0	16QAM	HV	NT	-18.31	-0.007	PASS
Band7	15	20825	75	#0	QPSK	LV	NT	-22.42	-0.009	PASS
Band7	15	20825	75	#0	QPSK	NV	NT	-36.16	-0.014	PASS

Band7	15	20825	75	#0	QPSK	HV	NT	-36.03	-0.014	PASS
Band7	15	20825	75	#0	16QAM	LV	NT	-31.64	-0.013	PASS
Band7	15	20825	75	#0	16QAM	NV	NT	-22.37	-0.009	PASS
Band7	15	20825	75	#0	16QAM	HV	NT	-21.20	-0.008	PASS
Band7	15	21100	75	#0	QPSK	LV	NT	-28.52	-0.011	PASS
Band7	15	21100	75	#0	QPSK	NV	NT	-23.86	-0.009	PASS
Band7	15	21100	75	#0	QPSK	HV	NT	-21.76	-0.009	PASS
Band7	15	21100	75	#0	16QAM	LV	NT	-19.31	-0.008	PASS
Band7	15	21100	75	#0	16QAM	NV	NT	-16.22	-0.006	PASS
Band7	15	21100	75	#0	16QAM	HV	NT	-15.32	-0.006	PASS
Band7	15	21375	75	#0	QPSK	LV	NT	-13.75	-0.005	PASS
Band7	15	21375	75	#0	QPSK	NV	NT	-14.05	-0.005	PASS
Band7	15	21375	75	#0	QPSK	HV	NT	-6.67	-0.003	PASS
Band7	15	21375	75	#0	16QAM	LV	NT	-0.54	0.000	PASS
Band7	15	21375	75	#0	16QAM	NV	NT	10.99	0.004	PASS
Band7	15	21375	75	#0	16QAM	HV	NT	17.28	0.007	PASS
Band7	20	20850	100	#0	QPSK	LV	NT	-2.69	-0.001	PASS
Band7	20	20850	100	#0	QPSK	NV	NT	-15.58	-0.006	PASS
Band7	20	20850	100	#0	QPSK	HV	NT	-23.76	-0.009	PASS
Band7	20	20850	100	#0	16QAM	LV	NT	-19.83	-0.008	PASS
Band7	20	20850	100	#0	16QAM	NV	NT	-14.15	-0.006	PASS
Band7	20	20850	100	#0	16QAM	HV	NT	-11.89	-0.005	PASS
Band7	20	21100	100	#0	QPSK	LV	NT	-14.58	-0.006	PASS
Band7	20	21100	100	#0	QPSK	NV	NT	-15.28	-0.006	PASS
Band7	20	21100	100	#0	QPSK	HV	NT	-12.62	-0.005	PASS
Band7	20	21100	100	#0	16QAM	LV	NT	-6.38	-0.003	PASS
Band7	20	21100	100	#0	16QAM	NV	NT	-5.78	-0.002	PASS
Band7	20	21100	100	#0	16QAM	HV	NT	-0.41	0.000	PASS
Band7	20	21350	100	#0	QPSK	LV	NT	-26.48	-0.010	PASS
Band7	20	21350	100	#0	QPSK	NV	NT	-27.77	-0.011	PASS
Band7	20	21350	100	#0	QPSK	HV	NT	-16.19	-0.006	PASS
Band7	20	21350	100	#0	16QAM	LV	NT	-5.56	-0.002	PASS
Band7	20	21350	100	#0	16QAM	NV	NT	9.20	0.004	PASS
Band7	20	21350	100	#0	16QAM	HV	NT	21.01	0.008	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	-5.65	-0.002	PASS
Band7	5	20775	25	#0	QPSK	NV	-20	3.81	0.002	PASS
Band7	5	20775	25	#0	QPSK	NV	-10	13.66	0.005	PASS
Band7	5	20775	25	#0	QPSK	NV	0	30.54	0.012	PASS
Band7	5	20775	25	#0	QPSK	NV	10	-0.92	0.000	PASS
Band7	5	20775	25	#0	QPSK	NV	20	6.15	0.002	PASS

Band7	5	20775	25	#0	QPSK	NV	30	23.76	0.009	PASS
Band7	5	20775	25	#0	QPSK	NV	40	24.83	0.010	PASS
Band7	5	20775	25	#0	QPSK	NV	50	32.62	0.013	PASS
Band7	5	20775	25	#0	16QAM	NV	-30	27.32	0.011	PASS
Band7	5	20775	25	#0	16QAM	NV	-20	2.09	0.001	PASS
Band7	5	20775	25	#0	16QAM	NV	-10	29.94	0.012	PASS
Band7	5	20775	25	#0	16QAM	NV	0	43.24	0.017	PASS
Band7	5	20775	25	#0	16QAM	NV	10	31.30	0.013	PASS
Band7	5	20775	25	#0	16QAM	NV	20	29.54	0.012	PASS
Band7	5	20775	25	#0	16QAM	NV	30	28.92	0.012	PASS
Band7	5	20775	25	#0	16QAM	NV	40	45.33	0.018	PASS
Band7	5	20775	25	#0	16QAM	NV	50	4.35	0.002	PASS
Band7	5	21100	25	#0	QPSK	NV	-30	12.22	0.005	PASS
Band7	5	21100	25	#0	QPSK	NV	-20	28.94	0.011	PASS
Band7	5	21100	25	#0	QPSK	NV	-10	48.09	0.019	PASS
Band7	5	21100	25	#0	QPSK	NV	0	3.88	0.002	PASS
Band7	5	21100	25	#0	QPSK	NV	10	20.99	0.008	PASS
Band7	5	21100	25	#0	QPSK	NV	20	38.12	0.015	PASS
Band7	5	21100	25	#0	QPSK	NV	30	12.40	0.005	PASS
Band7	5	21100	25	#0	QPSK	NV	40	30.13	0.012	PASS
Band7	5	21100	25	#0	QPSK	NV	50	30.01	0.012	PASS
Band7	5	21100	25	#0	16QAM	NV	-30	6.72	0.003	PASS
Band7	5	21100	25	#0	16QAM	NV	-20	19.04	0.008	PASS
Band7	5	21100	25	#0	16QAM	NV	-10	31.54	0.012	PASS
Band7	5	21100	25	#0	16QAM	NV	0	34.32	0.014	PASS
Band7	5	21100	25	#0	16QAM	NV	10	-0.67	0.000	PASS
Band7	5	21100	25	#0	16QAM	NV	20	5.44	0.002	PASS
Band7	5	21100	25	#0	16QAM	NV	30	11.43	0.005	PASS
Band7	5	21100	25	#0	16QAM	NV	40	16.75	0.007	PASS
Band7	5	21100	25	#0	16QAM	NV	50	25.33	0.010	PASS
Band7	5	21425	25	#0	QPSK	NV	-30	1.90	0.001	PASS
Band7	5	21425	25	#0	QPSK	NV	-20	7.01	0.003	PASS
Band7	5	21425	25	#0	QPSK	NV	-10	13.05	0.005	PASS
Band7	5	21425	25	#0	QPSK	NV	0	24.93	0.010	PASS
Band7	5	21425	25	#0	QPSK	NV	10	35.33	0.014	PASS
Band7	5	21425	25	#0	QPSK	NV	20	50.83	0.020	PASS
Band7	5	21425	25	#0	QPSK	NV	30	5.24	0.002	PASS
Band7	5	21425	25	#0	QPSK	NV	40	19.91	0.008	PASS
Band7	5	21425	25	#0	QPSK	NV	50	37.45	0.015	PASS
Band7	5	21425	25	#0	16QAM	NV	-30	21.27	0.008	PASS
Band7	5	21425	25	#0	16QAM	NV	-20	36.76	0.014	PASS
Band7	5	21425	25	#0	16QAM	NV	-10	47.34	0.018	PASS
Band7	5	21425	25	#0	16QAM	NV	0	-1.06	0.000	PASS

Band7	5	21425	25	#0	16QAM	NV	10	13.98	0.005	PASS
Band7	5	21425	25	#0	16QAM	NV	20	27.91	0.011	PASS
Band7	5	21425	25	#0	16QAM	NV	30	41.10	0.016	PASS
Band7	5	21425	25	#0	16QAM	NV	40	47.69	0.019	PASS
Band7	5	21425	25	#0	16QAM	NV	50	23.03	0.009	PASS
Band7	10	20800	50	#0	QPSK	NV	-30	-9.41	-0.004	PASS
Band7	10	20800	50	#0	QPSK	NV	-20	-20.71	-0.008	PASS
Band7	10	20800	50	#0	QPSK	NV	-10	-21.50	-0.009	PASS
Band7	10	20800	50	#0	QPSK	NV	0	-22.40	-0.009	PASS
Band7	10	20800	50	#0	QPSK	NV	10	-16.37	-0.007	PASS
Band7	10	20800	50	#0	QPSK	NV	20	-10.11	-0.004	PASS
Band7	10	20800	50	#0	QPSK	NV	30	0.01	0.000	PASS
Band7	10	20800	50	#0	QPSK	NV	40	17.52	0.007	PASS
Band7	10	20800	50	#0	QPSK	NV	50	29.43	0.012	PASS
Band7	10	20800	50	#0	16QAM	NV	-30	40.77	0.016	PASS
Band7	10	20800	50	#0	16QAM	NV	-20	1.95	0.001	PASS
Band7	10	20800	50	#0	16QAM	NV	-10	11.30	0.005	PASS
Band7	10	20800	50	#0	16QAM	NV	0	17.21	0.007	PASS
Band7	10	20800	50	#0	16QAM	NV	10	20.87	0.008	PASS
Band7	10	20800	50	#0	16QAM	NV	20	23.93	0.010	PASS
Band7	10	20800	50	#0	16QAM	NV	30	31.16	0.012	PASS
Band7	10	20800	50	#0	16QAM	NV	40	39.54	0.016	PASS
Band7	10	20800	50	#0	16QAM	NV	50	11.59	0.005	PASS
Band7	10	21100	50	#0	QPSK	NV	-30	-24.93	-0.010	PASS
Band7	10	21100	50	#0	QPSK	NV	-20	-25.65	-0.010	PASS
Band7	10	21100	50	#0	QPSK	NV	-10	-25.23	-0.010	PASS
Band7	10	21100	50	#0	QPSK	NV	0	-22.97	-0.009	PASS
Band7	10	21100	50	#0	QPSK	NV	10	-18.50	-0.007	PASS
Band7	10	21100	50	#0	QPSK	NV	20	-10.49	-0.004	PASS
Band7	10	21100	50	#0	QPSK	NV	30	-4.84	-0.002	PASS
Band7	10	21100	50	#0	QPSK	NV	40	1.12	0.000	PASS
Band7	10	21100	50	#0	QPSK	NV	50	11.70	0.005	PASS
Band7	10	21100	50	#0	16QAM	NV	-30	20.43	0.008	PASS
Band7	10	21100	50	#0	16QAM	NV	-20	31.91	0.013	PASS
Band7	10	21100	50	#0	16QAM	NV	-10	39.14	0.015	PASS
Band7	10	21100	50	#0	16QAM	NV	0	43.16	0.017	PASS
Band7	10	21100	50	#0	16QAM	NV	10	45.23	0.018	PASS
Band7	10	21100	50	#0	16QAM	NV	20	-8.98	-0.004	PASS
Band7	10	21100	50	#0	16QAM	NV	30	-5.85	-0.002	PASS
Band7	10	21100	50	#0	16QAM	NV	40	-9.74	-0.004	PASS
Band7	10	21100	50	#0	16QAM	NV	50	-8.41	-0.003	PASS
Band7	10	21400	50	#0	QPSK	NV	-30	-14.82	-0.006	PASS
Band7	10	21400	50	#0	QPSK	NV	-20	0.00	0.000	PASS

Band7	10	21400	50	#0	QPSK	NV	-10	0.00	0.000	PASS
Band7	10	21400	50	#0	QPSK	NV	0	0.00	0.000	PASS
Band7	10	21400	50	#0	QPSK	NV	10	0.00	0.000	PASS
Band7	10	21400	50	#0	QPSK	NV	20	0.00	0.000	PASS
Band7	10	21400	50	#0	QPSK	NV	30	0.00	0.000	PASS
Band7	10	21400	50	#0	QPSK	NV	40	0.00	0.000	PASS
Band7	10	21400	50	#0	QPSK	NV	50	0.00	0.000	PASS
Band7	10	21400	50	#0	16QAM	NV	-30	0.00	0.000	PASS
Band7	10	21400	50	#0	16QAM	NV	-20	0.00	0.000	PASS
Band7	10	21400	50	#0	16QAM	NV	-10	0.00	0.000	PASS
Band7	10	21400	50	#0	16QAM	NV	0	0.00	0.000	PASS
Band7	15	20825	75	#0	QPSK	NV	-30	-1.75	-0.001	PASS
Band7	15	20825	75	#0	QPSK	NV	-20	0.62	0.000	PASS
Band7	15	20825	75	#0	QPSK	NV	-10	-21.37	-0.009	PASS
Band7	15	20825	75	#0	QPSK	NV	0	-49.37	-0.020	PASS
Band7	15	20825	75	#0	QPSK	NV	10	-45.29	-0.018	PASS
Band7	15	20825	75	#0	QPSK	NV	20	-39.74	-0.016	PASS
Band7	15	20825	75	#0	QPSK	NV	30	-24.16	-0.010	PASS
Band7	15	20825	75	#0	QPSK	NV	40	7.74	0.003	PASS
Band7	15	20825	75	#0	QPSK	NV	50	28.72	0.011	PASS
Band7	15	20825	75	#0	16QAM	NV	-30	20.90	0.008	PASS
Band7	15	20825	75	#0	16QAM	NV	-20	15.54	0.006	PASS
Band7	15	20825	75	#0	16QAM	NV	-10	21.03	0.008	PASS
Band7	15	20825	75	#0	16QAM	NV	0	23.26	0.009	PASS
Band7	15	20825	75	#0	16QAM	NV	10	27.07	0.011	PASS
Band7	15	20825	75	#0	16QAM	NV	20	43.52	0.017	PASS
Band7	15	20825	75	#0	16QAM	NV	30	3.55	0.001	PASS
Band7	15	20825	75	#0	16QAM	NV	40	30.56	0.012	PASS
Band7	15	20825	75	#0	16QAM	NV	50	22.97	0.009	PASS
Band7	15	21100	75	#0	QPSK	NV	-30	3.10	0.001	PASS
Band7	15	21100	75	#0	QPSK	NV	-20	31.77	0.013	PASS
Band7	15	21100	75	#0	QPSK	NV	-10	10.71	0.004	PASS
Band7	15	21100	75	#0	QPSK	NV	0	22.76	0.009	PASS
Band7	15	21100	75	#0	QPSK	NV	10	19.51	0.008	PASS
Band7	15	21100	75	#0	QPSK	NV	20	21.39	0.008	PASS
Band7	15	21100	75	#0	QPSK	NV	30	21.64	0.009	PASS
Band7	15	21100	75	#0	QPSK	NV	40	46.31	0.018	PASS
Band7	15	21100	75	#0	QPSK	NV	50	33.30	0.013	PASS
Band7	15	21100	75	#0	16QAM	NV	-30	24.13	0.010	PASS
Band7	15	21100	75	#0	16QAM	NV	-20	19.90	0.008	PASS
Band7	15	21100	75	#0	16QAM	NV	-10	10.94	0.004	PASS
Band7	15	21100	75	#0	16QAM	NV	0	35.46	0.014	PASS
Band7	15	21100	75	#0	16QAM	NV	10	13.60	0.005	PASS

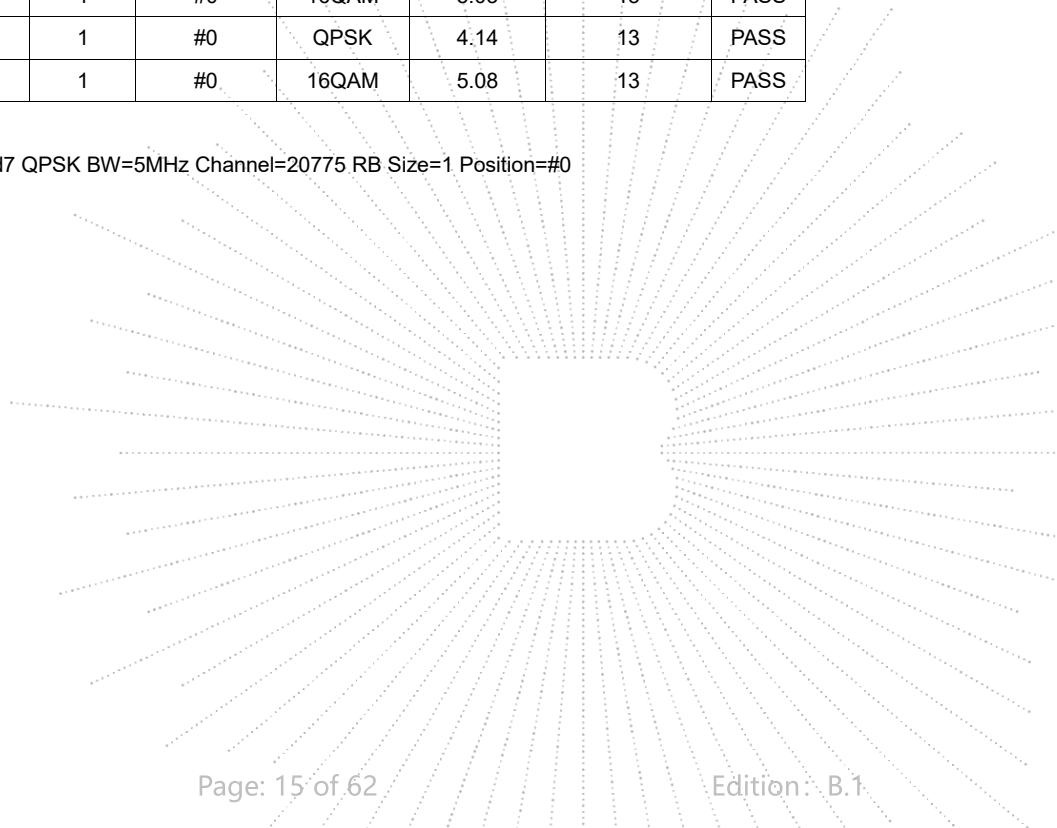
Band7	15	21100	75	#0	16QAM	NV	20	34.88	0.014	PASS
Band7	15	21100	75	#0	16QAM	NV	30	3.06	0.001	PASS
Band7	15	21100	75	#0	16QAM	NV	40	29.98	0.012	PASS
Band7	15	21100	75	#0	16QAM	NV	50	41.11	0.016	PASS
Band7	15	21375	75	#0	QPSK	NV	-30	4.98	0.002	PASS
Band7	15	21375	75	#0	QPSK	NV	-20	29.74	0.012	PASS
Band7	15	21375	75	#0	QPSK	NV	-10	33.59	0.013	PASS
Band7	15	21375	75	#0	QPSK	NV	0	32.57	0.013	PASS
Band7	15	21375	75	#0	QPSK	NV	10	12.07	0.005	PASS
Band7	15	21375	75	#0	QPSK	NV	20	24.13	0.009	PASS
Band7	15	21375	75	#0	QPSK	NV	30	16.05	0.006	PASS
Band7	15	21375	75	#0	QPSK	NV	40	28.52	0.011	PASS
Band7	15	21375	75	#0	QPSK	NV	50	34.58	0.013	PASS
Band7	15	21375	75	#0	16QAM	NV	-30	28.15	0.011	PASS
Band7	15	21375	75	#0	16QAM	NV	-20	24.40	0.010	PASS
Band7	15	21375	75	#0	16QAM	NV	-10	23.30	0.009	PASS
Band7	15	21375	75	#0	16QAM	NV	0	14.49	0.006	PASS
Band7	15	21375	75	#0	16QAM	NV	10	24.45	0.010	PASS
Band7	15	21375	75	#0	16QAM	NV	20	6.57	0.003	PASS
Band7	15	21375	75	#0	16QAM	NV	30	22.43	0.009	PASS
Band7	15	21375	75	#0	16QAM	NV	40	34.98	0.014	PASS
Band7	15	21375	75	#0	16QAM	NV	50	30.86	0.012	PASS
Band7	20	20850	100	#0	QPSK	NV	-30	-10.44	-0.004	PASS
Band7	20	20850	100	#0	QPSK	NV	-20	13.29	0.005	PASS
Band7	20	20850	100	#0	QPSK	NV	-10	26.22	0.010	PASS
Band7	20	20850	100	#0	QPSK	NV	0	3.76	0.001	PASS
Band7	20	20850	100	#0	QPSK	NV	10	36.33	0.014	PASS
Band7	20	20850	100	#0	QPSK	NV	20	29.08	0.012	PASS
Band7	20	20850	100	#0	QPSK	NV	30	0.09	0.000	PASS
Band7	20	20850	100	#0	QPSK	NV	40	25.86	0.010	PASS
Band7	20	20850	100	#0	QPSK	NV	50	19.47	0.008	PASS
Band7	20	20850	100	#0	16QAM	NV	-30	28.38	0.011	PASS
Band7	20	20850	100	#0	16QAM	NV	-20	35.88	0.014	PASS
Band7	20	20850	100	#0	16QAM	NV	-10	21.54	0.009	PASS
Band7	20	20850	100	#0	16QAM	NV	0	28.84	0.011	PASS
Band7	20	20850	100	#0	16QAM	NV	10	16.98	0.007	PASS
Band7	20	20850	100	#0	16QAM	NV	20	29.58	0.012	PASS
Band7	20	20850	100	#0	16QAM	NV	30	20.90	0.008	PASS
Band7	20	20850	100	#0	16QAM	NV	40	25.23	0.010	PASS
Band7	20	20850	100	#0	16QAM	NV	50	40.98	0.016	PASS
Band7	20	21100	100	#0	QPSK	NV	-30	-32.17	-0.013	PASS
Band7	20	21100	100	#0	QPSK	NV	-20	-23.60	-0.009	PASS
Band7	20	21100	100	#0	QPSK	NV	-10	-2.75	-0.001	PASS

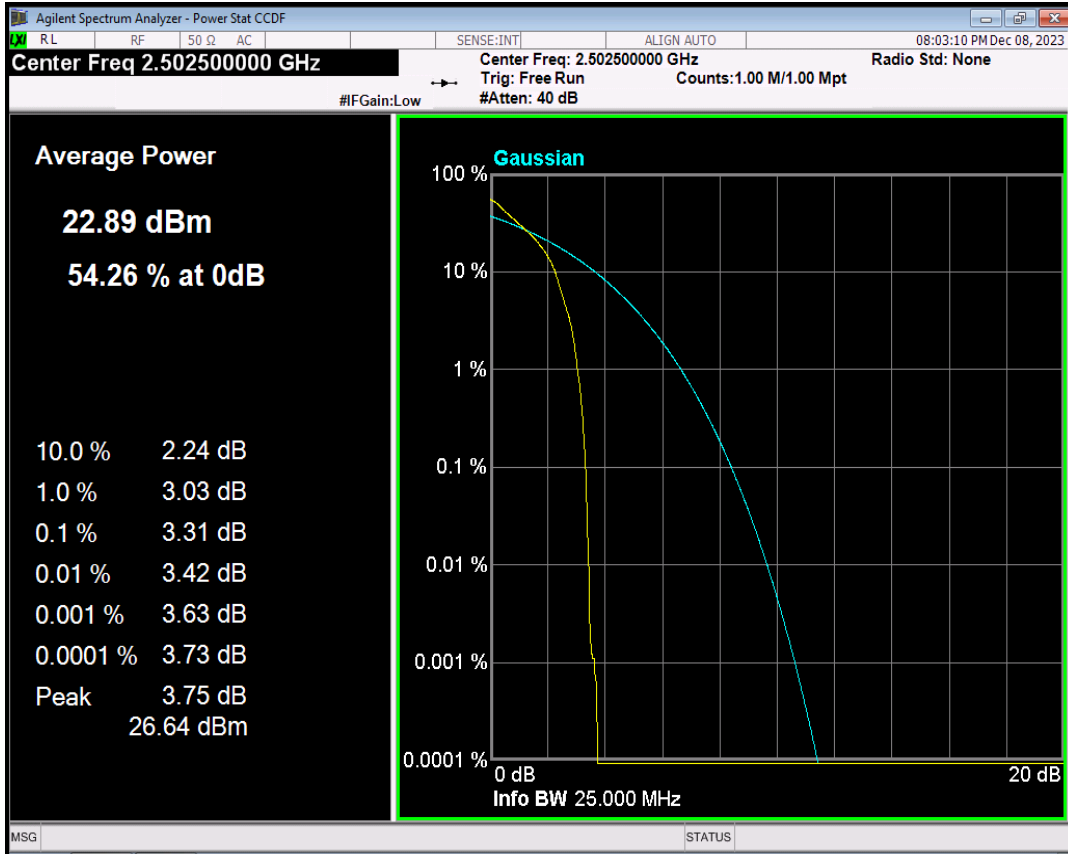
Band7	20	21100	100	#0	QPSK	NV	0	15.82	0.006	PASS
Band7	20	21100	100	#0	QPSK	NV	10	22.44	0.009	PASS
Band7	20	21100	100	#0	QPSK	NV	20	29.40	0.012	PASS
Band7	20	21100	100	#0	QPSK	NV	30	30.83	0.012	PASS
Band7	20	21100	100	#0	QPSK	NV	40	13.50	0.005	PASS
Band7	20	21100	100	#0	QPSK	NV	50	34.02	0.013	PASS
Band7	20	21100	100	#0	16QAM	NV	-30	5.92	0.002	PASS
Band7	20	21100	100	#0	16QAM	NV	-20	23.63	0.009	PASS
Band7	20	21100	100	#0	16QAM	NV	-10	39.57	0.016	PASS
Band7	20	21100	100	#0	16QAM	NV	0	7.32	0.003	PASS
Band7	20	21100	100	#0	16QAM	NV	10	10.03	0.004	PASS
Band7	20	21100	100	#0	16QAM	NV	20	12.89	0.005	PASS
Band7	20	21100	100	#0	16QAM	NV	30	16.29	0.006	PASS
Band7	20	21100	100	#0	16QAM	NV	40	22.06	0.009	PASS
Band7	20	21100	100	#0	16QAM	NV	50	18.10	0.007	PASS
Band7	20	21350	100	#0	QPSK	NV	-30	-8.88	-0.003	PASS
Band7	20	21350	100	#0	QPSK	NV	-20	8.67	0.003	PASS
Band7	20	21350	100	#0	QPSK	NV	-10	33.23	0.013	PASS
Band7	20	21350	100	#0	QPSK	NV	0	39.25	0.015	PASS
Band7	20	21350	100	#0	QPSK	NV	10	34.06	0.013	PASS
Band7	20	21350	100	#0	QPSK	NV	20	29.01	0.011	PASS
Band7	20	21350	100	#0	QPSK	NV	30	-1.87	-0.001	PASS
Band7	20	21350	100	#0	QPSK	NV	40	30.83	0.012	PASS
Band7	20	21350	100	#0	QPSK	NV	50	36.02	0.014	PASS
Band7	20	21350	100	#0	16QAM	NV	-30	30.93	0.012	PASS
Band7	20	21350	100	#0	16QAM	NV	-20	-0.53	0.000	PASS
Band7	20	21350	100	#0	16QAM	NV	-10	20.44	0.008	PASS
Band7	20	21350	100	#0	16QAM	NV	0	23.69	0.009	PASS
Band7	20	21350	100	#0	16QAM	NV	10	28.11	0.011	PASS
Band7	20	21350	100	#0	16QAM	NV	20	32.70	0.013	PASS
Band7	20	21350	100	#0	16QAM	NV	30	33.76	0.013	PASS
Band7	20	21350	100	#0	16QAM	NV	40	33.09	0.013	PASS
Band7	20	21350	100	#0	16QAM	NV	50	32.24	0.013	PASS

Appendix 3. Peak-to-Average Ratio

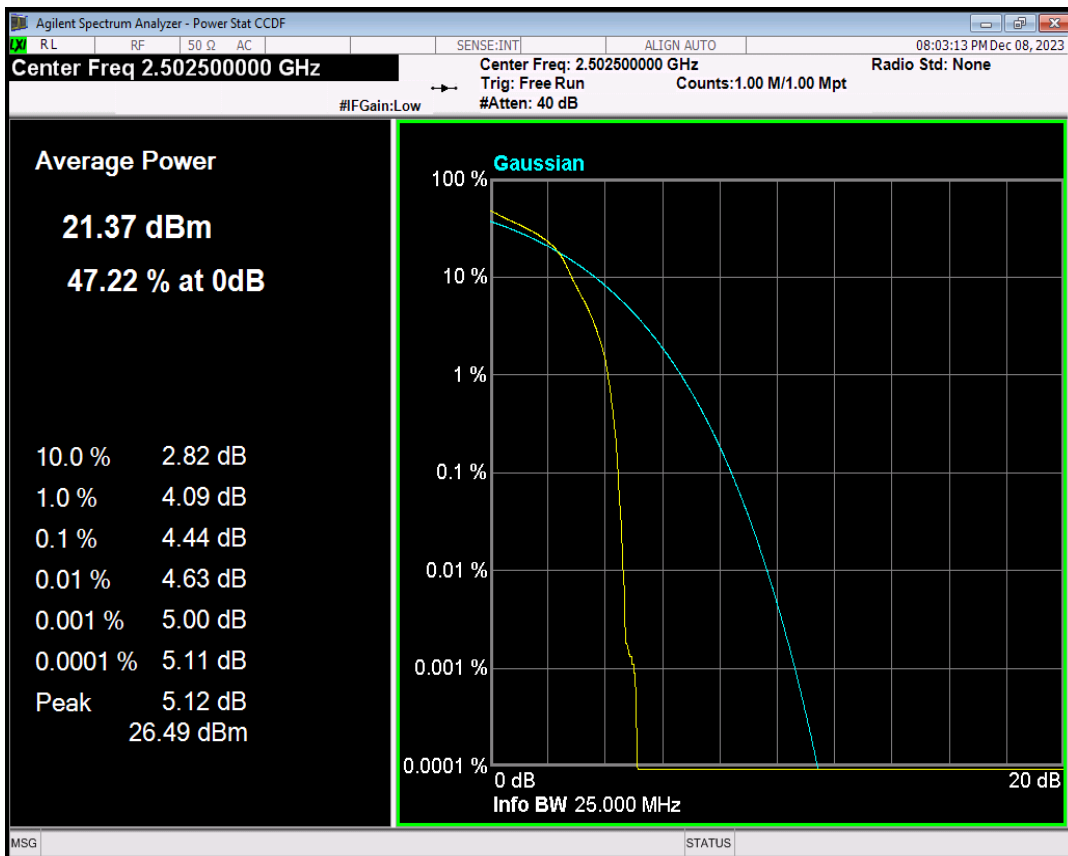
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
Band7	5	20775	1	#0	QPSK	3.31	13	PASS
Band7	5	20775	1	#0	16QAM	4.44	13	PASS
Band7	5	21100	1	#0	QPSK	2.88	13	PASS
Band7	5	21100	1	#0	16QAM	3.74	13	PASS
Band7	5	21425	1	#0	QPSK	3.17	13	PASS
Band7	5	21425	1	#0	16QAM	4.05	13	PASS
Band7	10	20800	1	#0	QPSK	3.36	13	PASS
Band7	10	20800	1	#0	16QAM	4.36	13	PASS
Band7	10	21100	1	#0	QPSK	3.21	13	PASS
Band7	10	21100	1	#0	16QAM	3.87	13	PASS
Band7	10	21400	1	#0	QPSK	3.77	13	PASS
Band7	10	21400	1	#0	16QAM	4.99	13	PASS
Band7	15	20825	1	#0	QPSK	3.38	13	PASS
Band7	15	20825	1	#0	16QAM	4.41	13	PASS
Band7	15	21100	1	#0	QPSK	3.54	13	PASS
Band7	15	21100	1	#0	16QAM	4.20	13	PASS
Band7	15	21375	1	#0	QPSK	4.40	13	PASS
Band7	15	21375	1	#0	16QAM	5.21	13	PASS
Band7	20	20850	1	#0	QPSK	3.31	13	PASS
Band7	20	20850	1	#0	16QAM	4.61	13	PASS
Band7	20	21100	1	#0	QPSK	3.96	13	PASS
Band7	20	21100	1	#0	16QAM	5.03	13	PASS
Band7	20	21350	1	#0	QPSK	4.14	13	PASS
Band7	20	21350	1	#0	16QAM	5.08	13	PASS

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

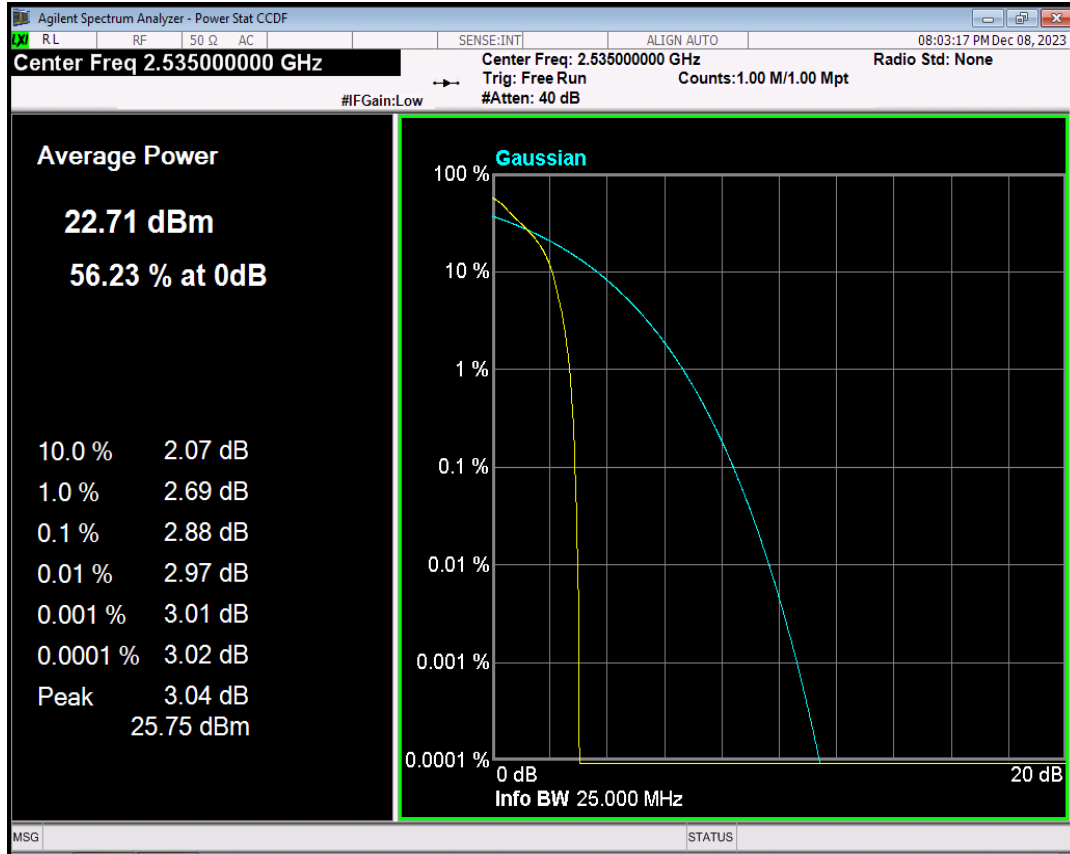




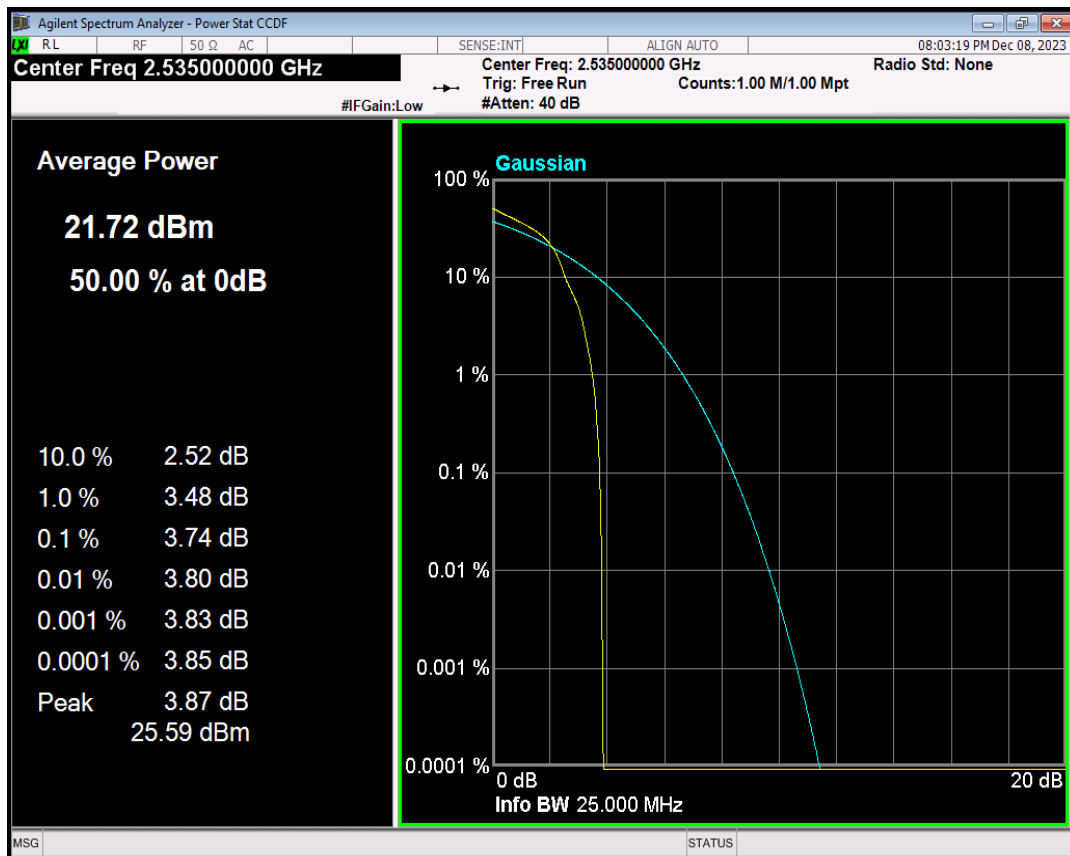
Band7 16QAM BW=5MHz Channel=20775 RB Size=1 Position=#0



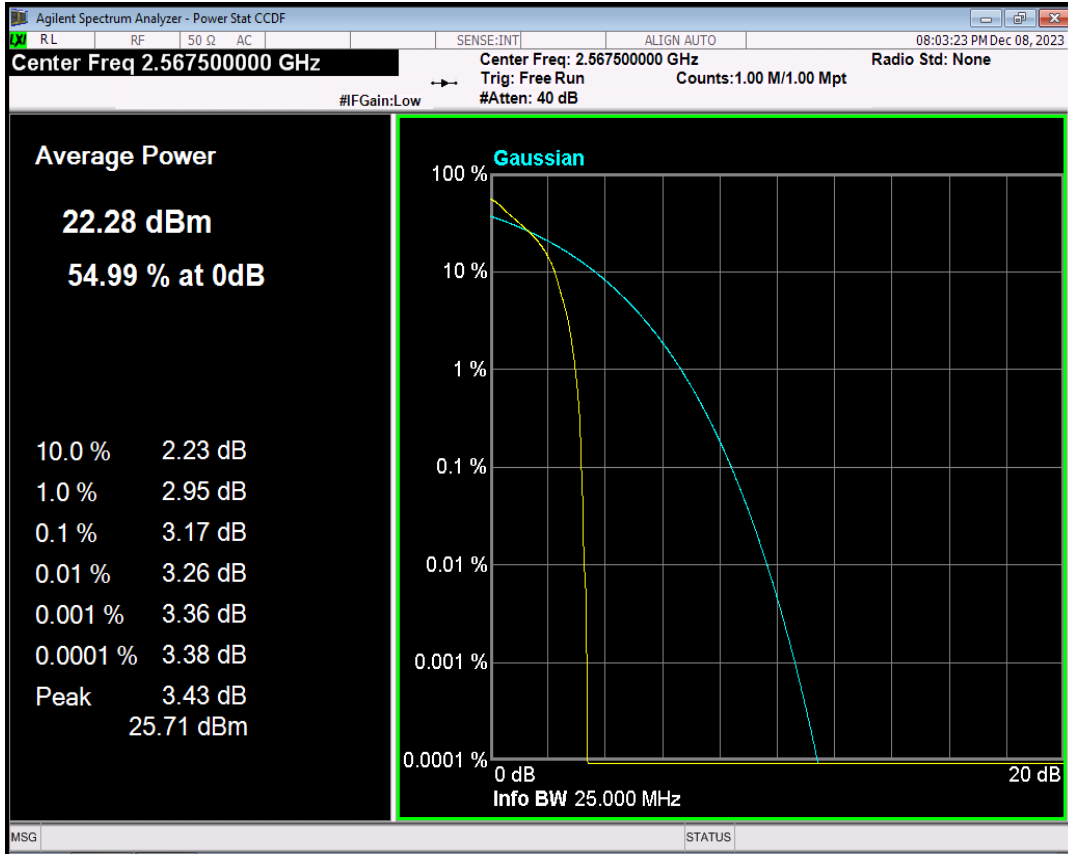
Band7 QPSK BW=5MHz Channel=21100 RB Size=1 Position=#0



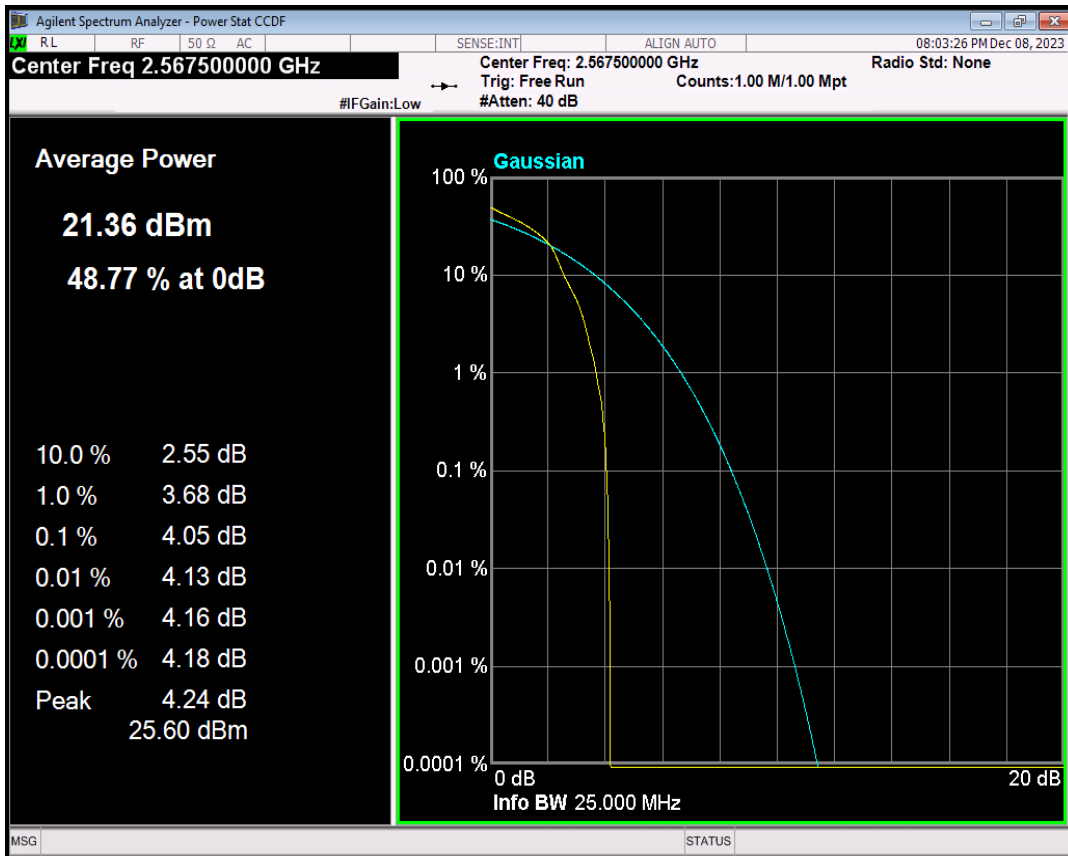
Band7 16QAM BW=5MHz Channel=21100 RB Size=1 Position=#0



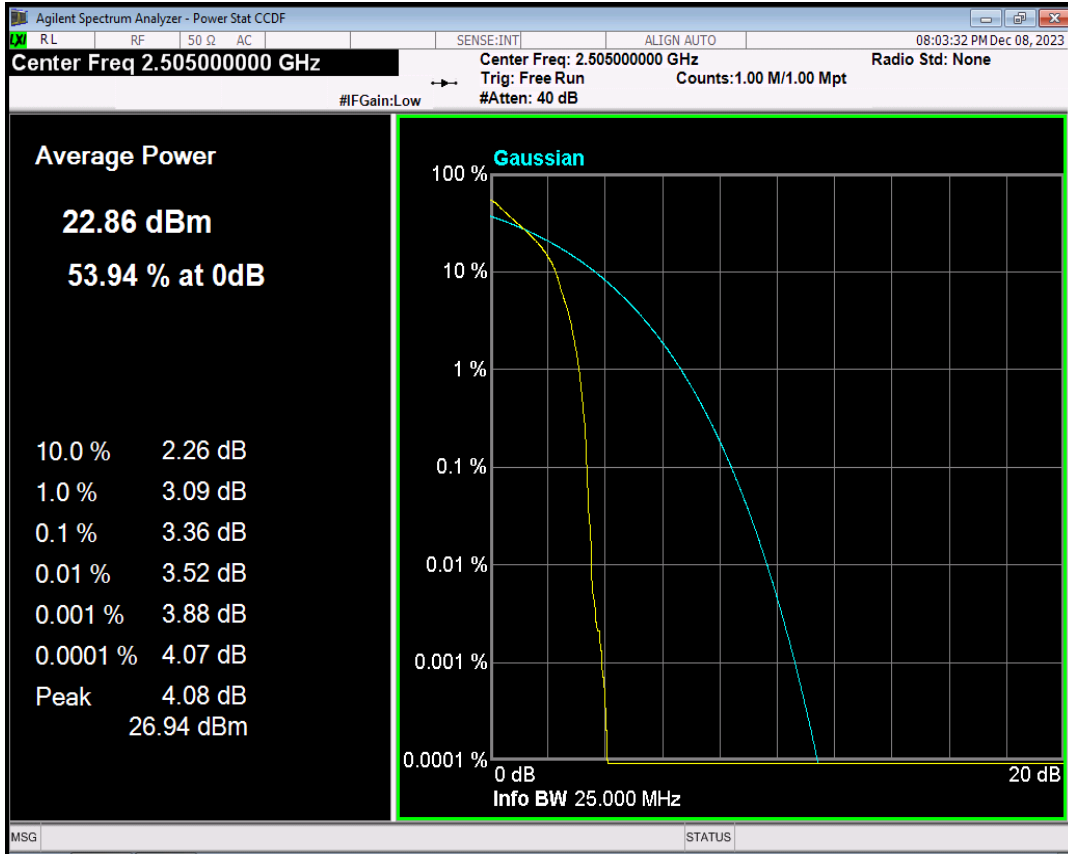
Band7 QPSK BW=5MHz Channel=21425 RB Size=1 Position=#0



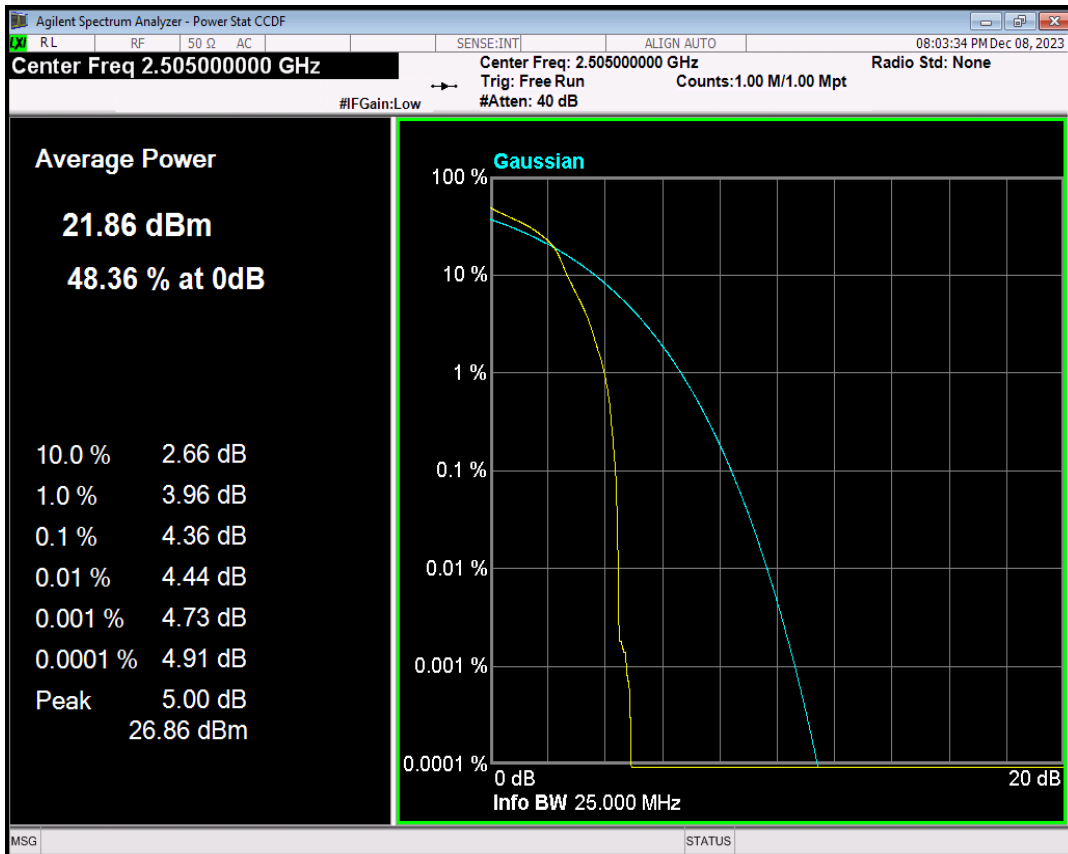
Band7 16QAM BW=5MHz Channel=21425 RB Size=1 Position=#0



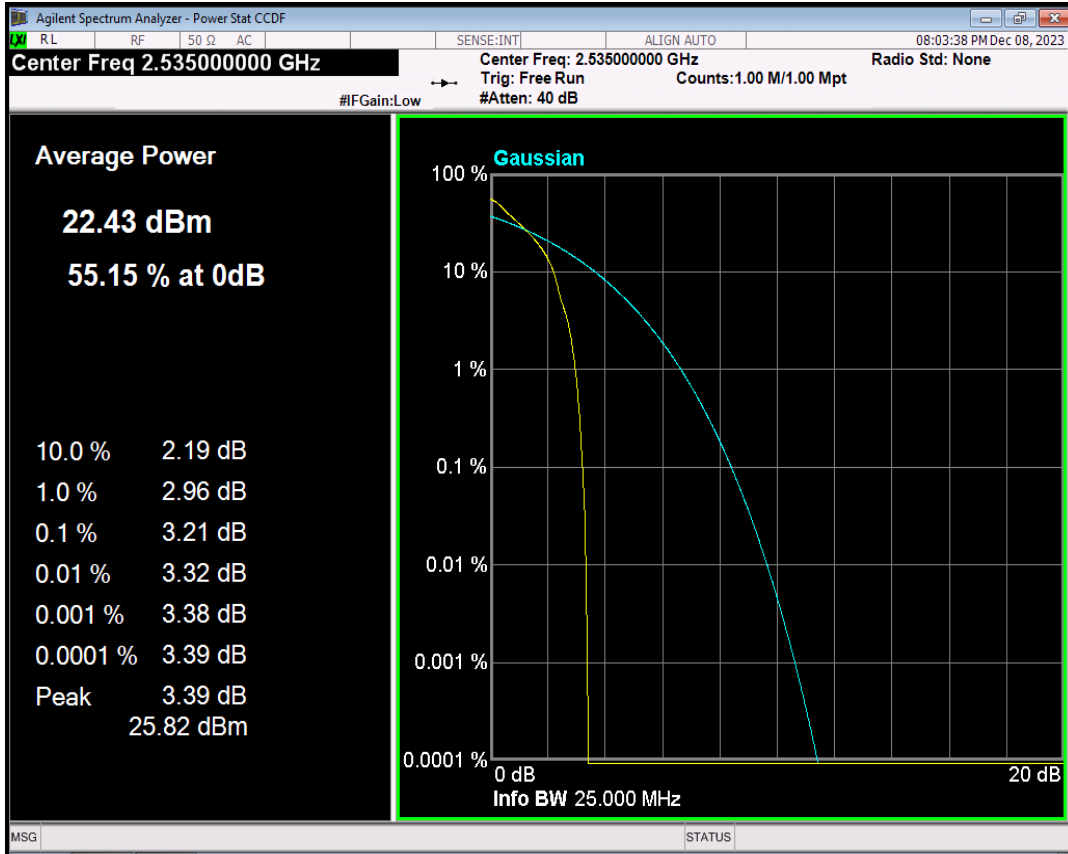
Band7 QPSK BW=10MHz Channel=20800 RB Size=1 Position=#0



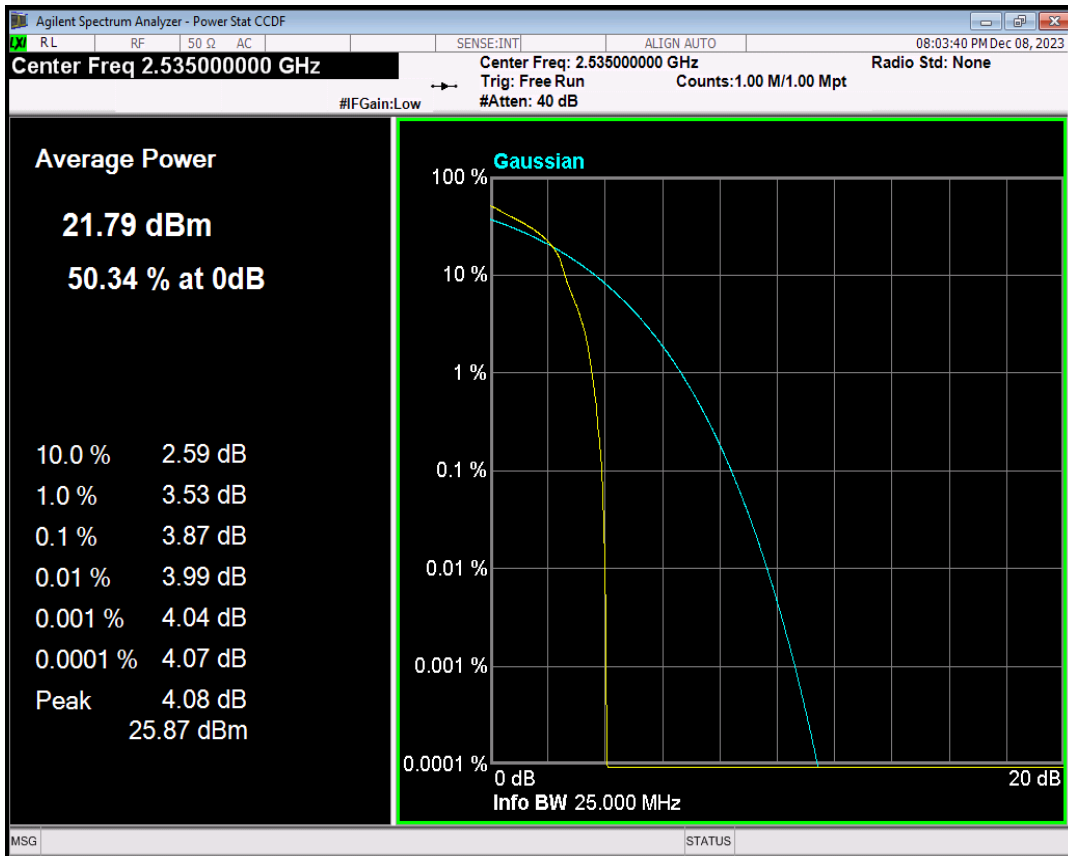
Band7 16QAM BW=10MHz Channel=20800 RB Size=1 Position=#0



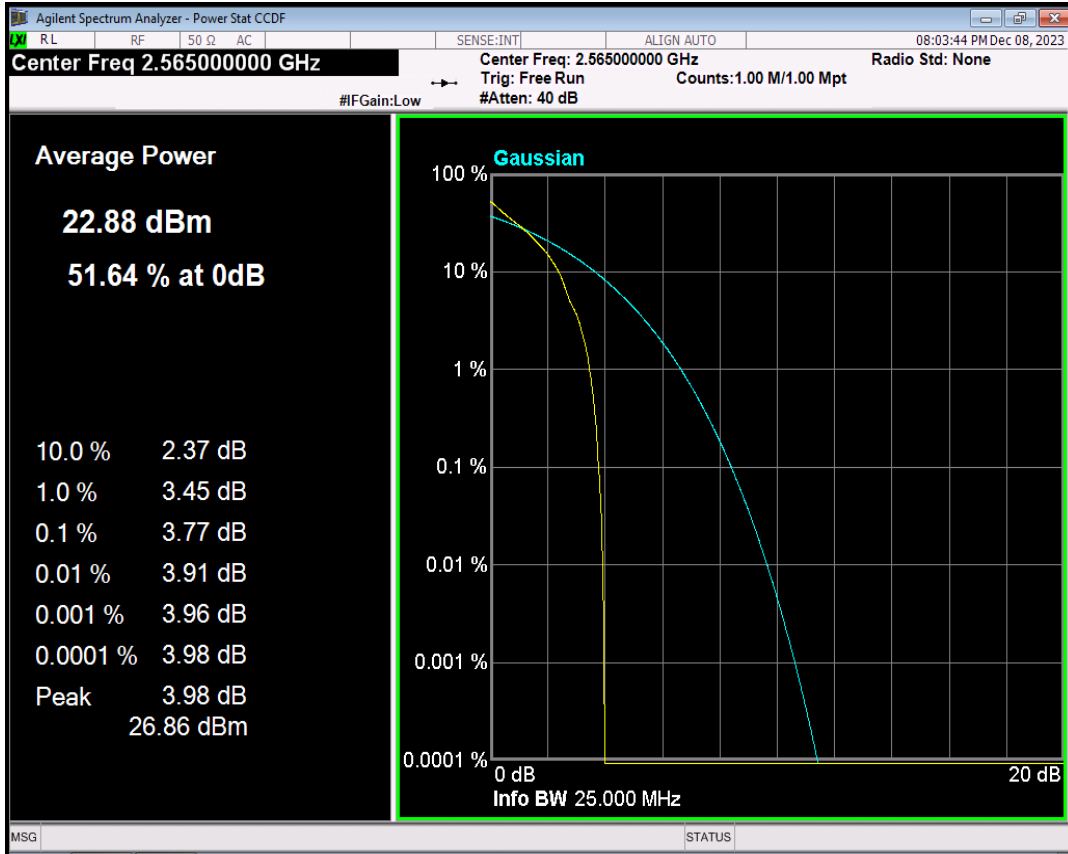
Band7 QPSK BW=10MHz Channel=21100 RB Size=1 Position=#0



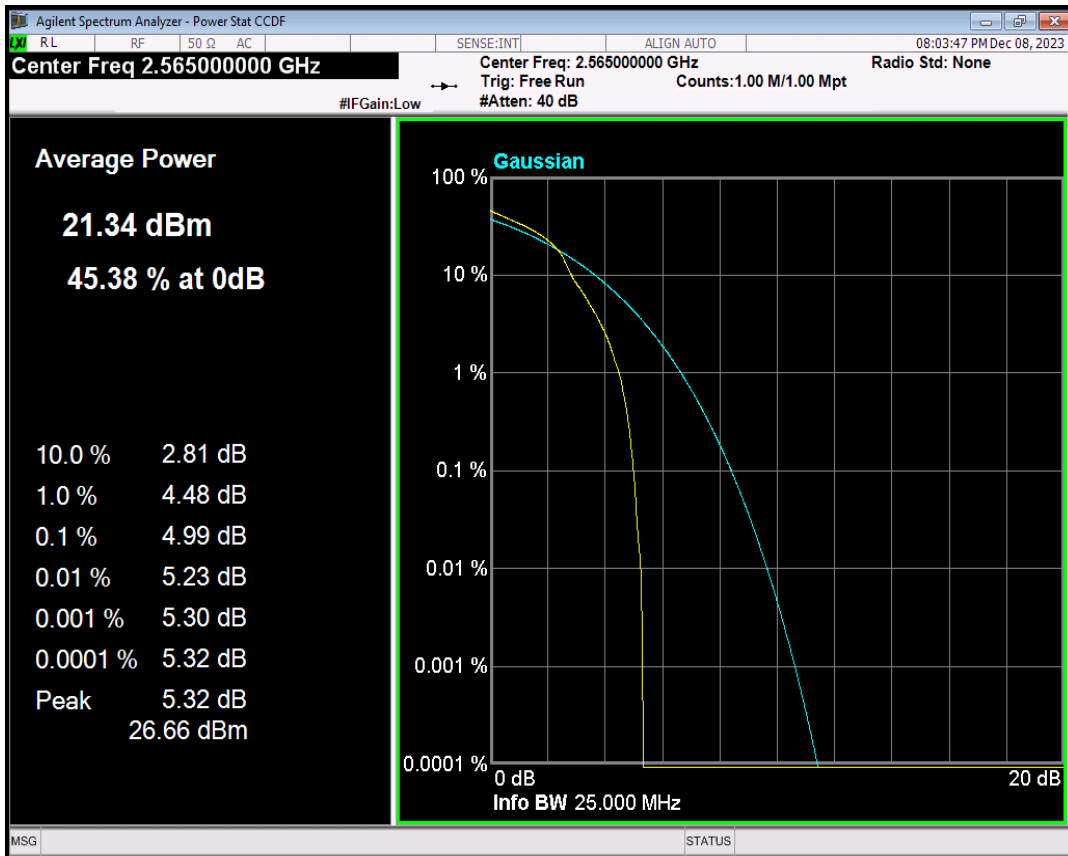
Band7 16QAM BW=10MHz Channel=21100 RB Size=1 Position=#0



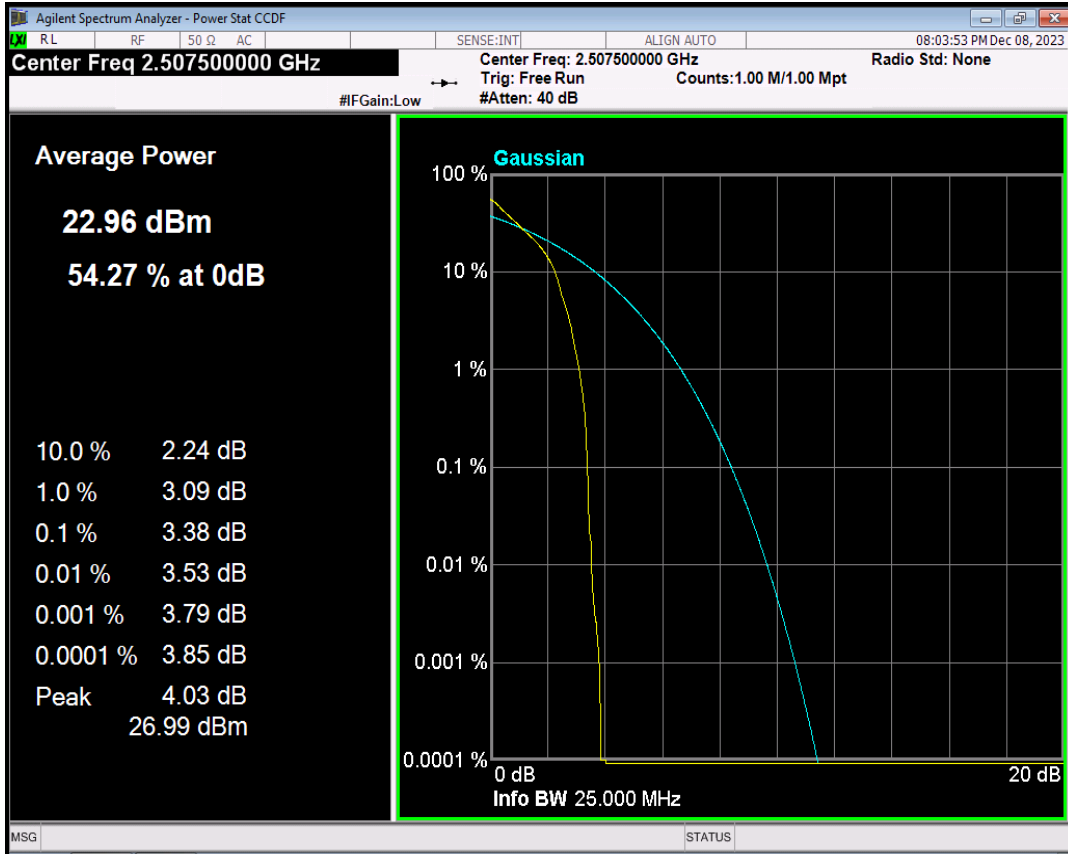
Band7 QPSK BW=10MHz Channel=21400 RB Size=1 Position=#0



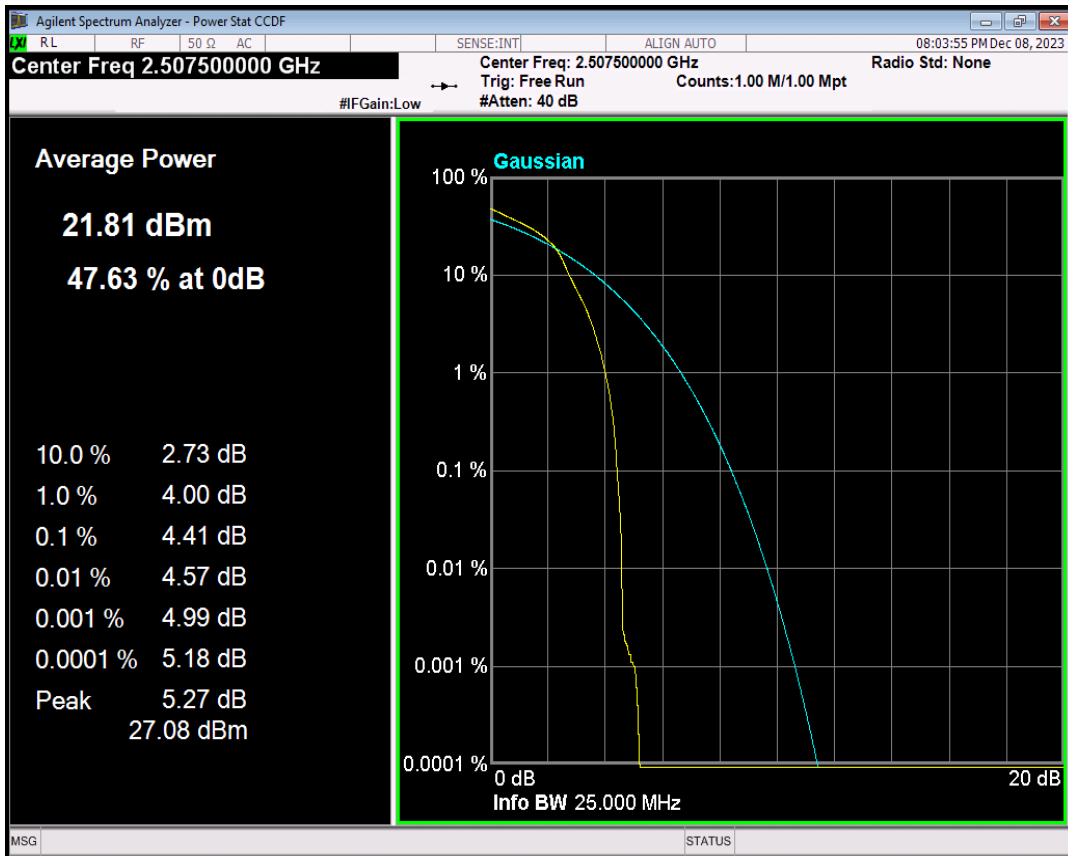
Band7 16QAM BW=10MHz Channel=21400 RB Size=1 Position=#0



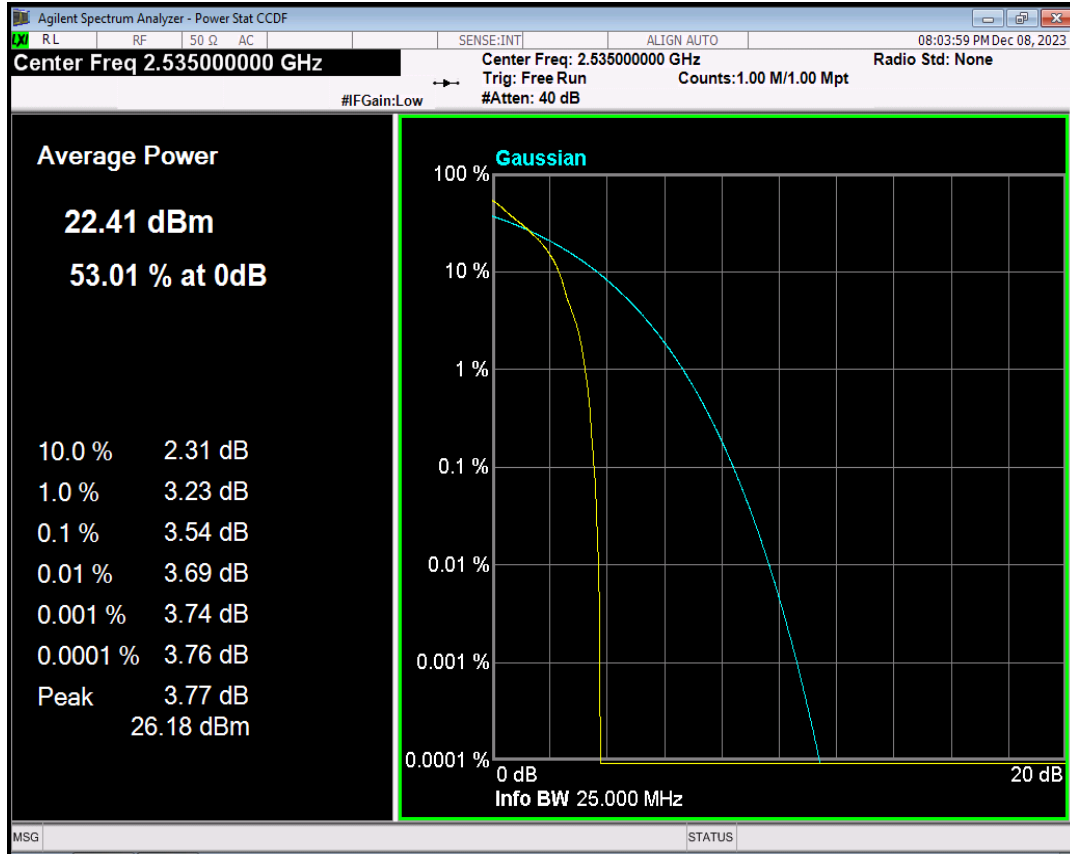
Band7 QPSK BW=15MHz Channel=20825 RB Size=1 Position=#0



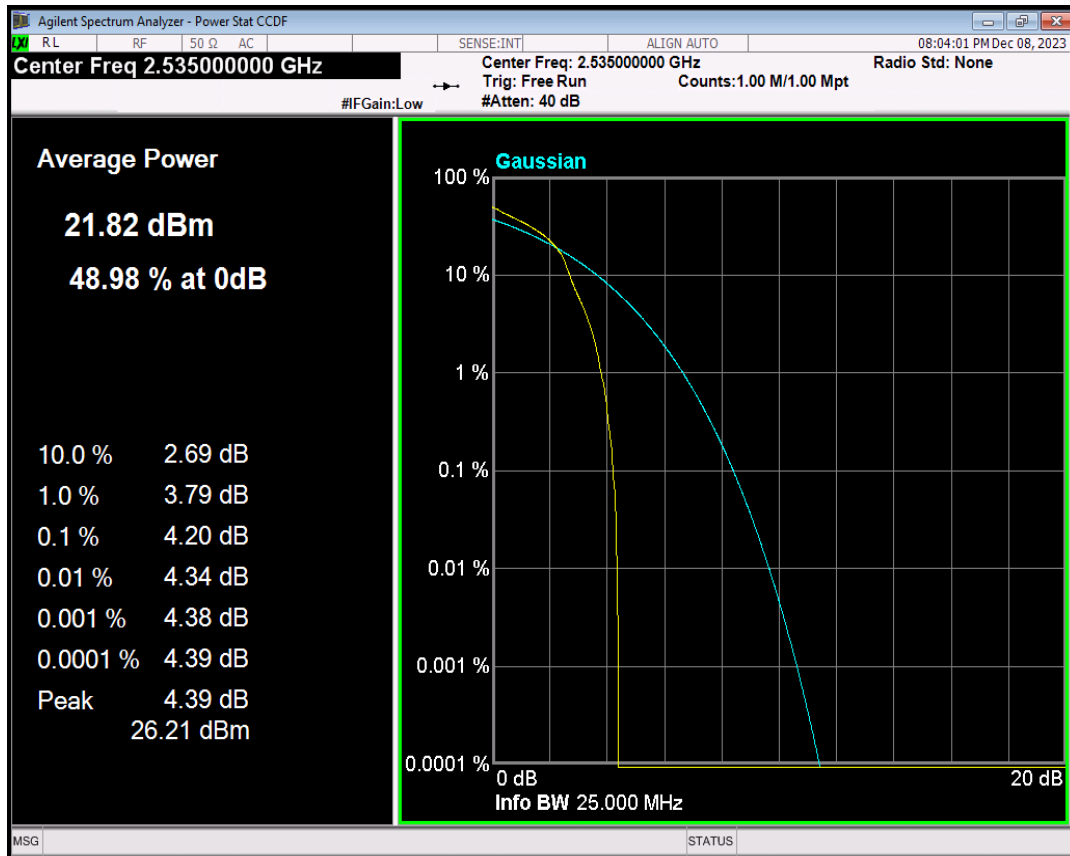
Band7 16QAM BW=15MHz Channel=20825 RB Size=1 Position=#0



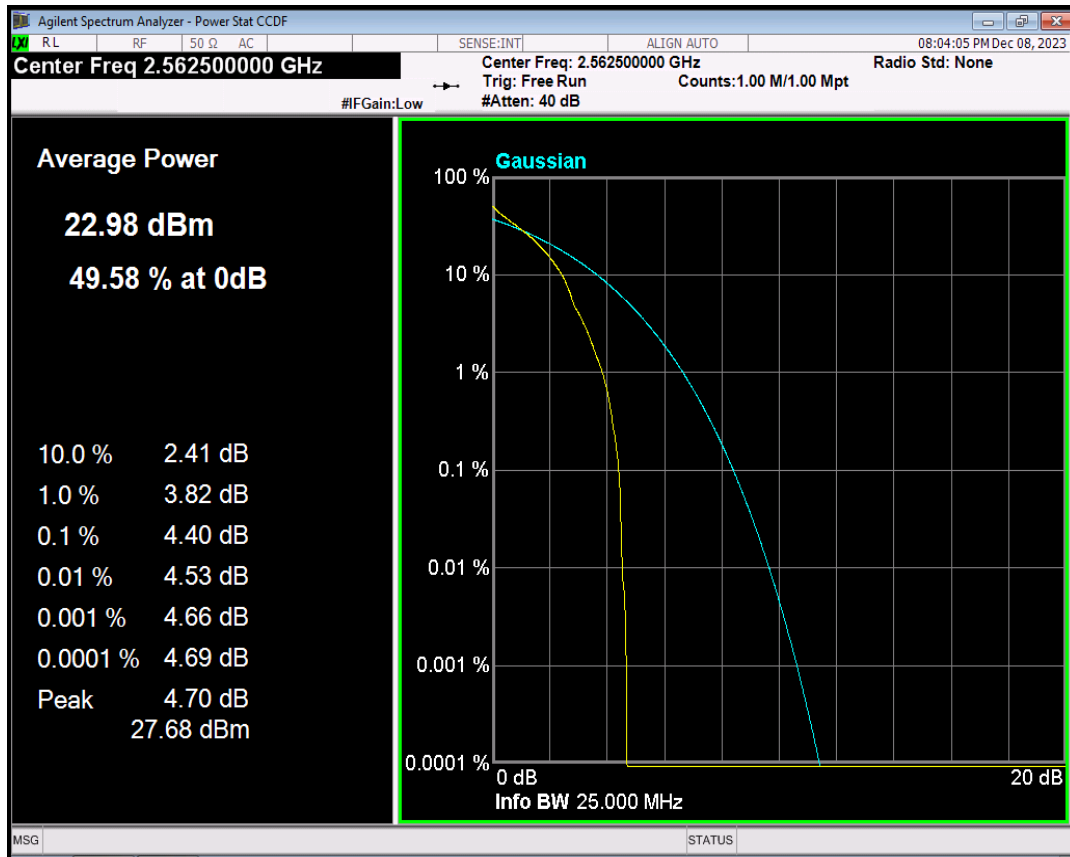
Band7 QPSK BW=15MHz Channel=21100 RB Size=1 Position=#0



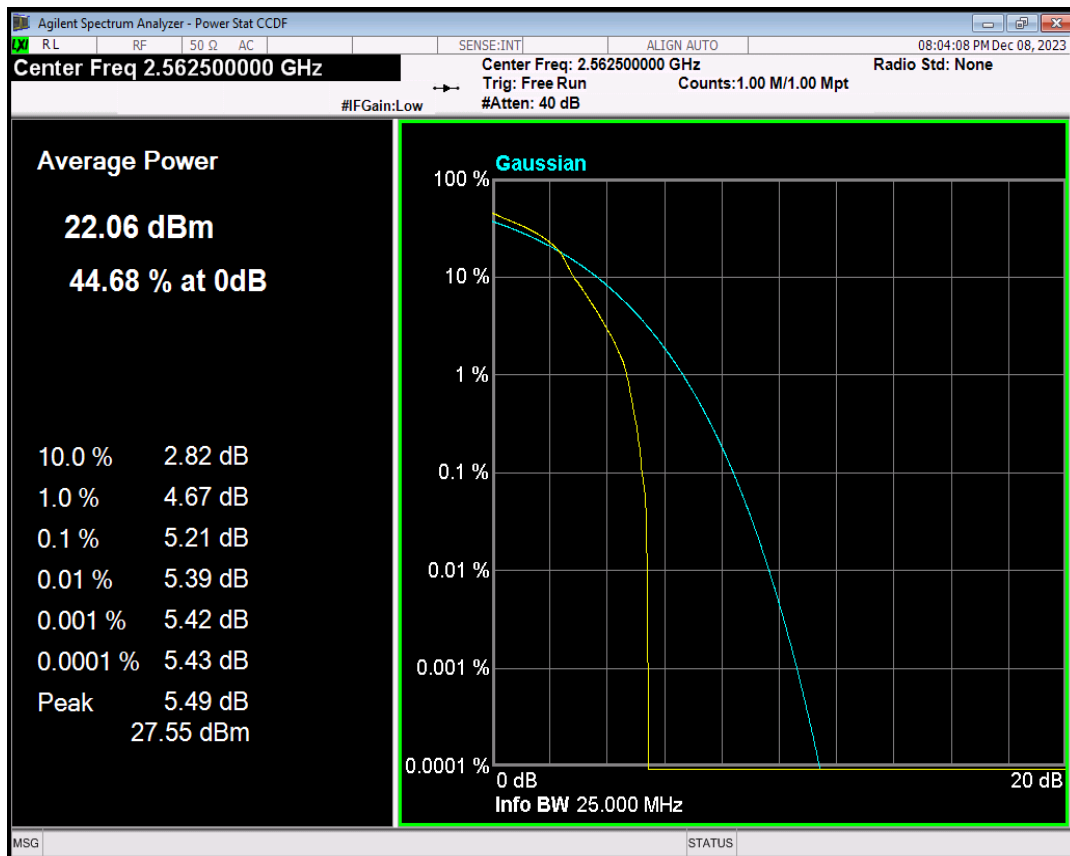
Band7 16QAM BW=15MHz Channel=21100 RB Size=1 Position=#0



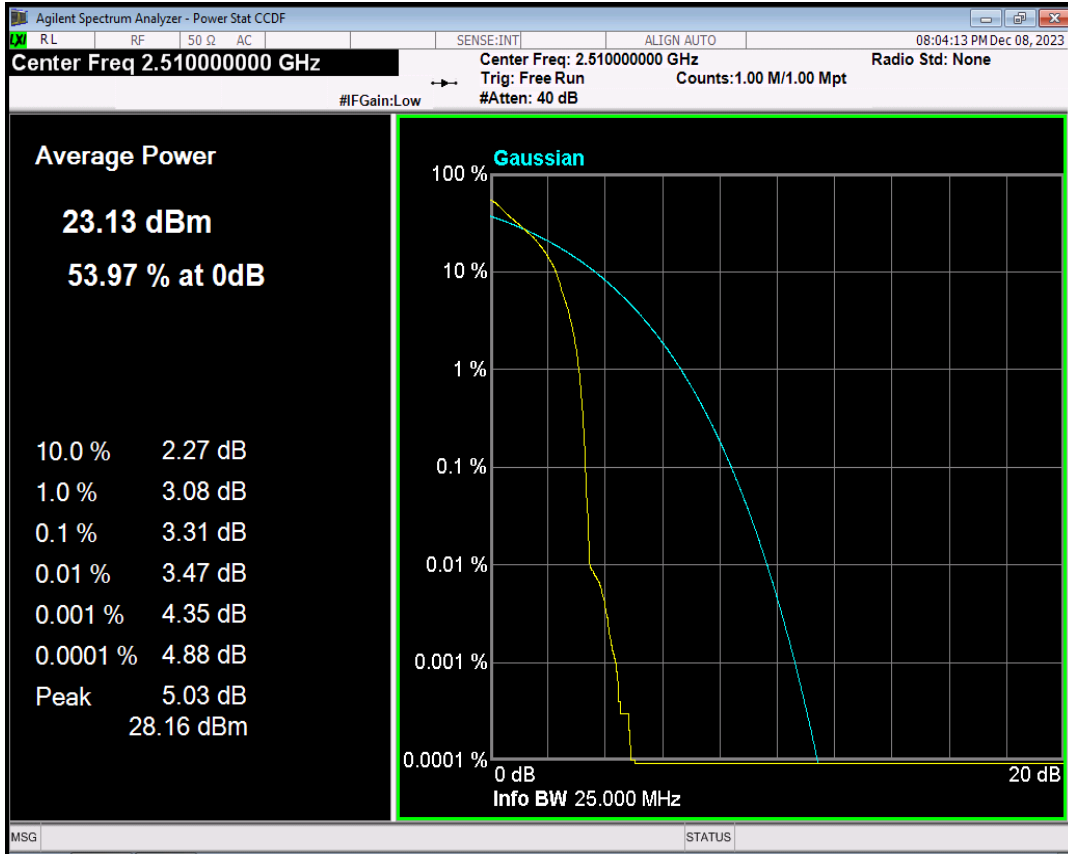
Band7 QPSK BW=15MHz Channel=21375 RB Size=1 Position=#0



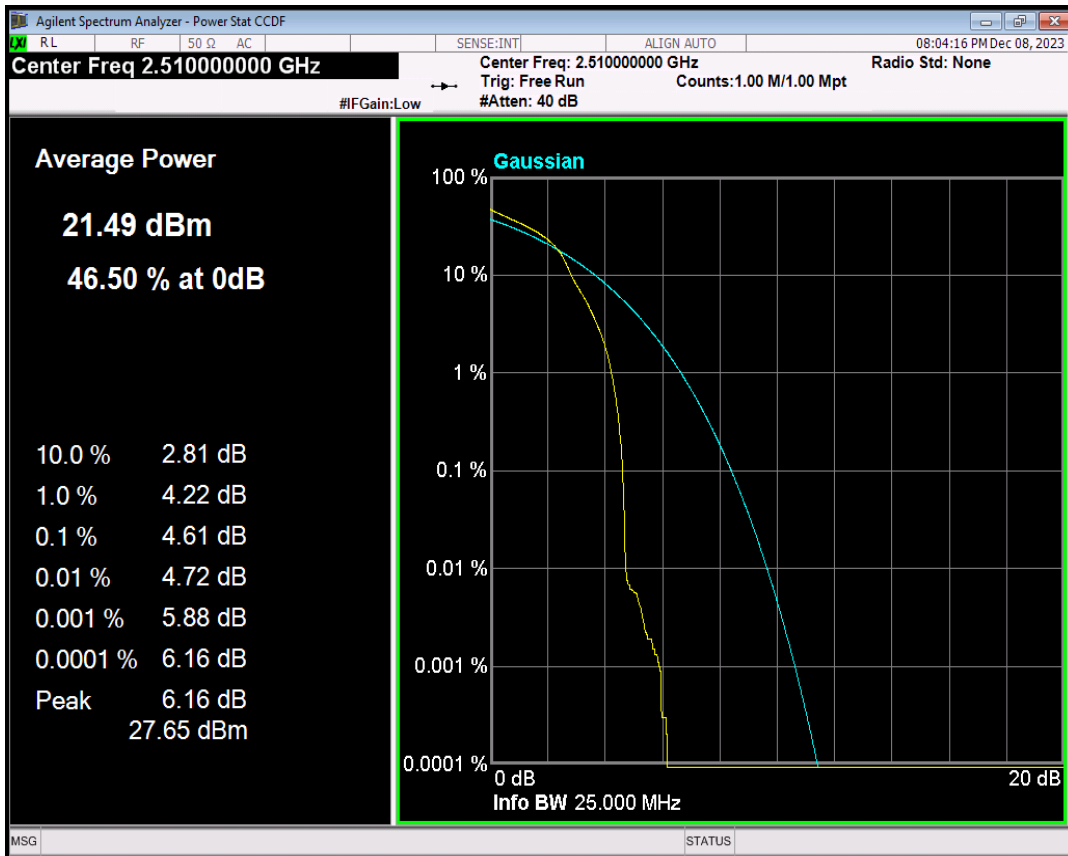
Band7 16QAM BW=15MHz Channel=21375 RB Size=1 Position=#0



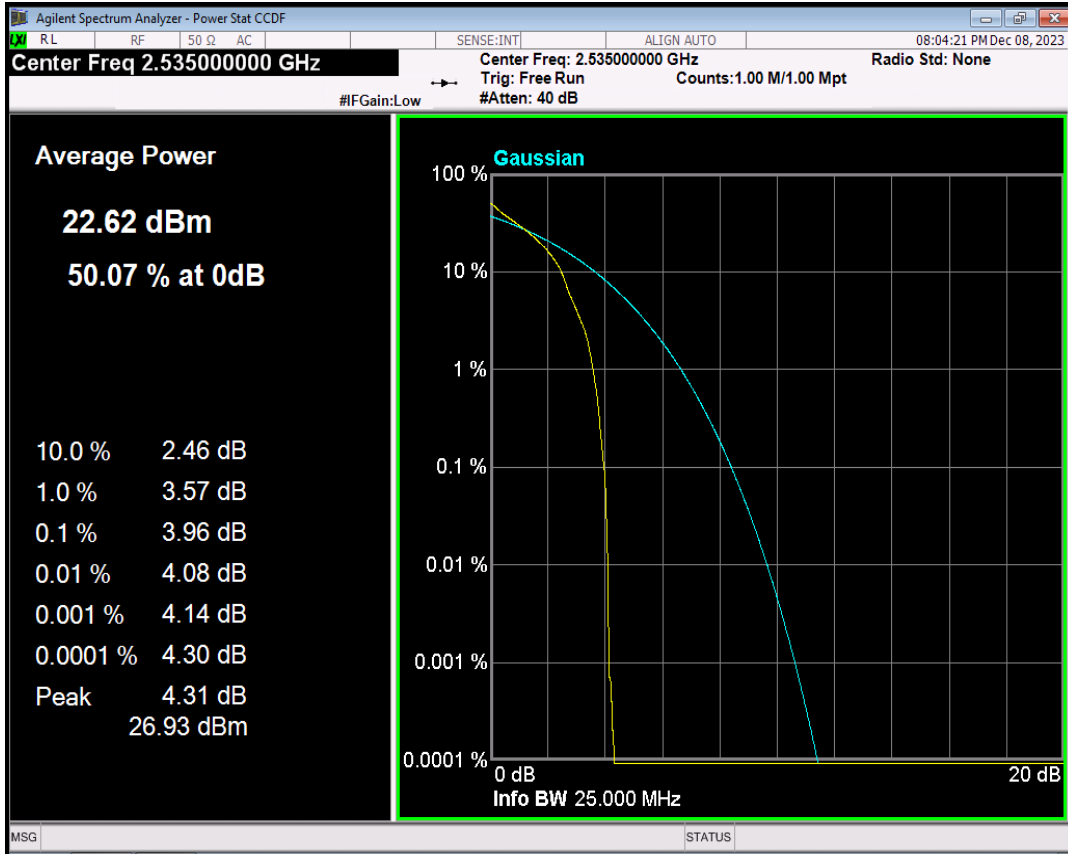
Band7 QPSK BW=20MHz Channel=20850 RB Size=1 Position=#0



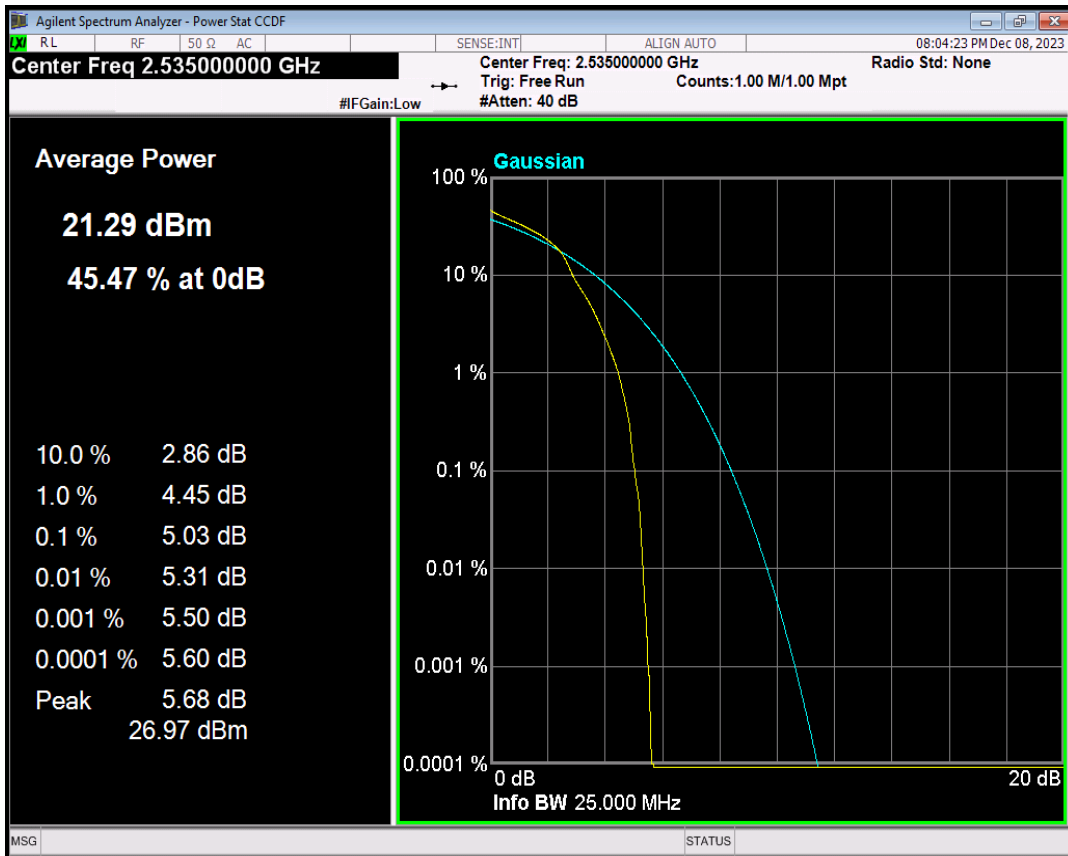
Band7 16QAM BW=20MHz Channel=20850 RB Size=1 Position=#0



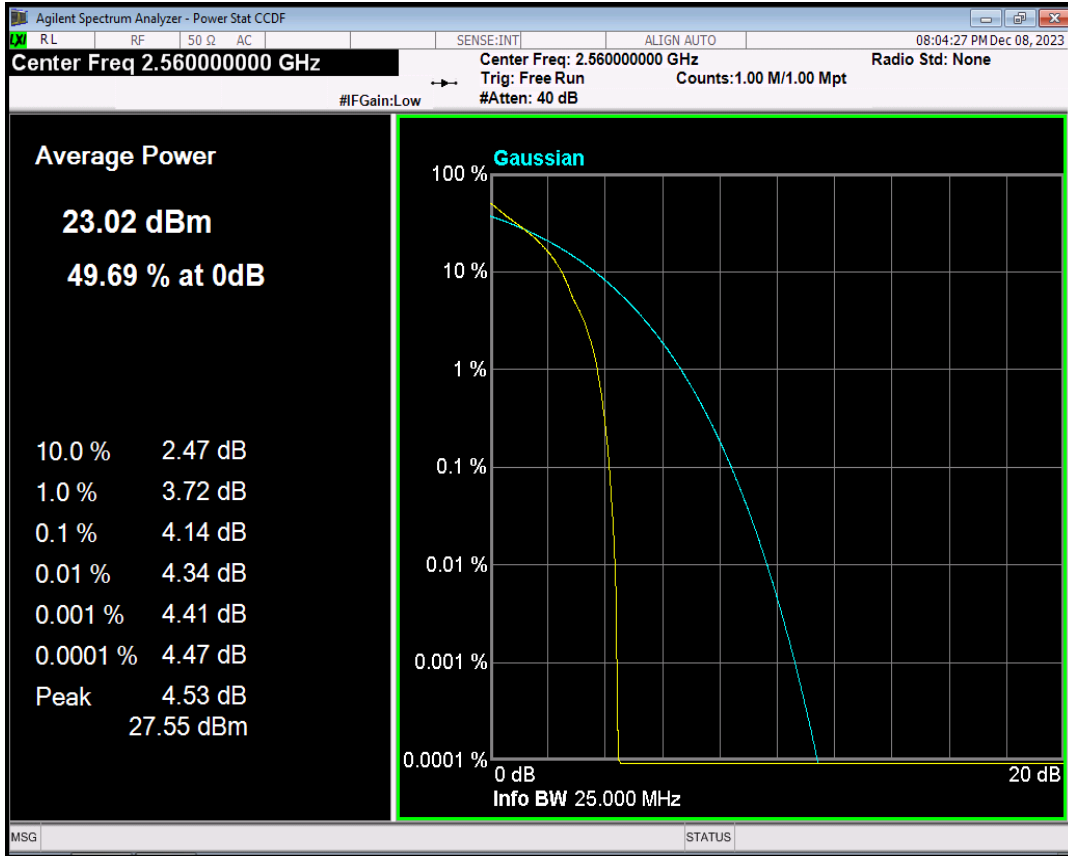
Band7 QPSK BW=20MHz Channel=21100 RB Size=1 Position=#0



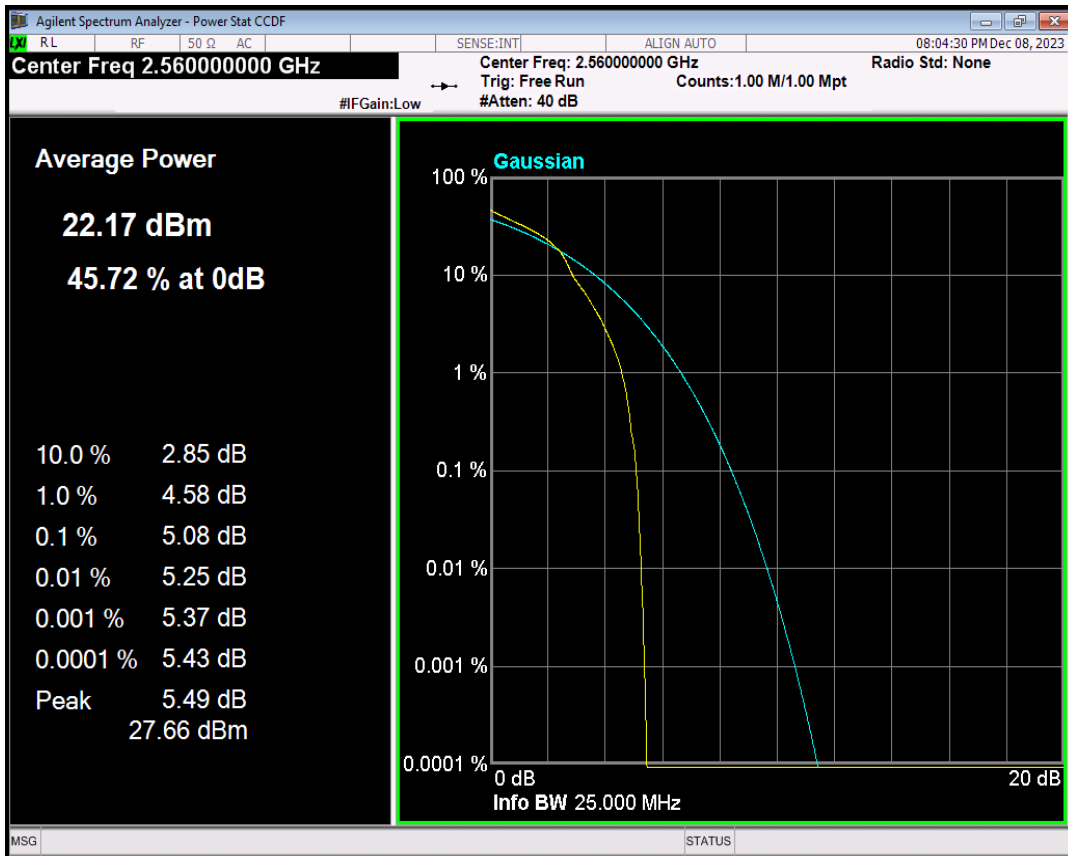
Band7 16QAM BW=20MHz Channel=21100 RB Size=1 Position=#0



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



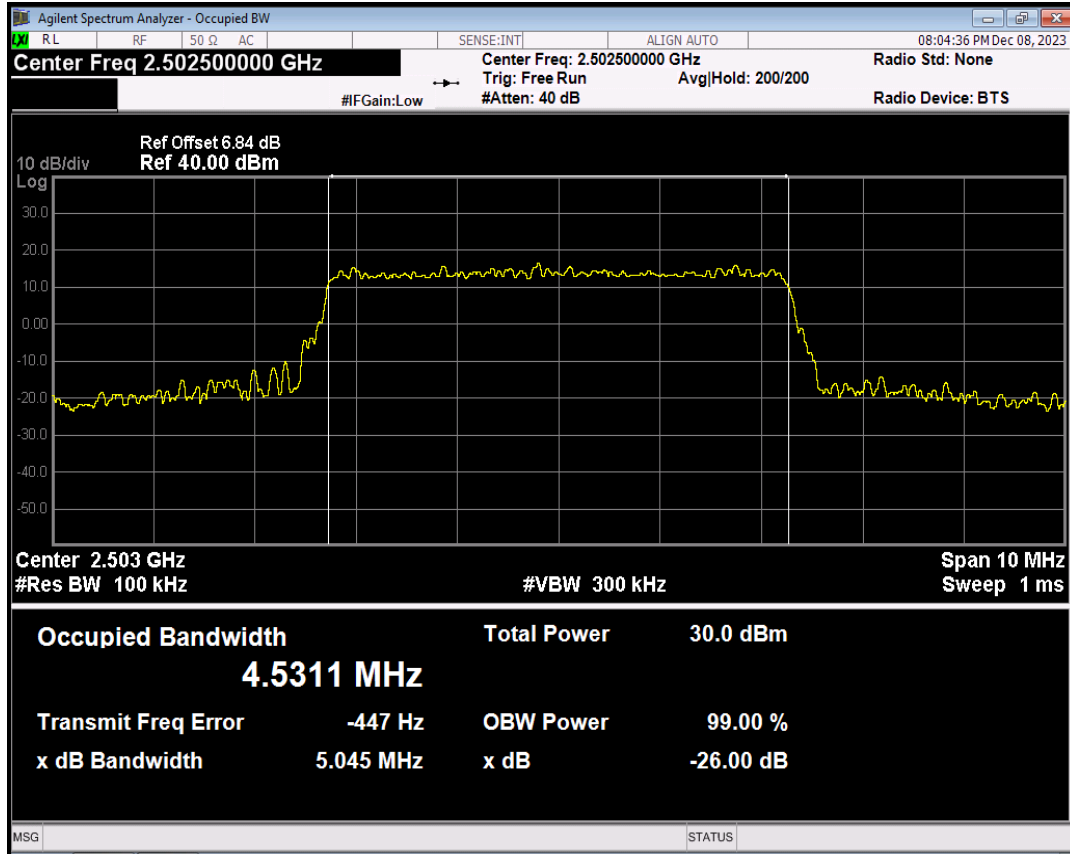
Band7 16QAM BW=20MHz Channel=21350 RB Size=1 Position=#0



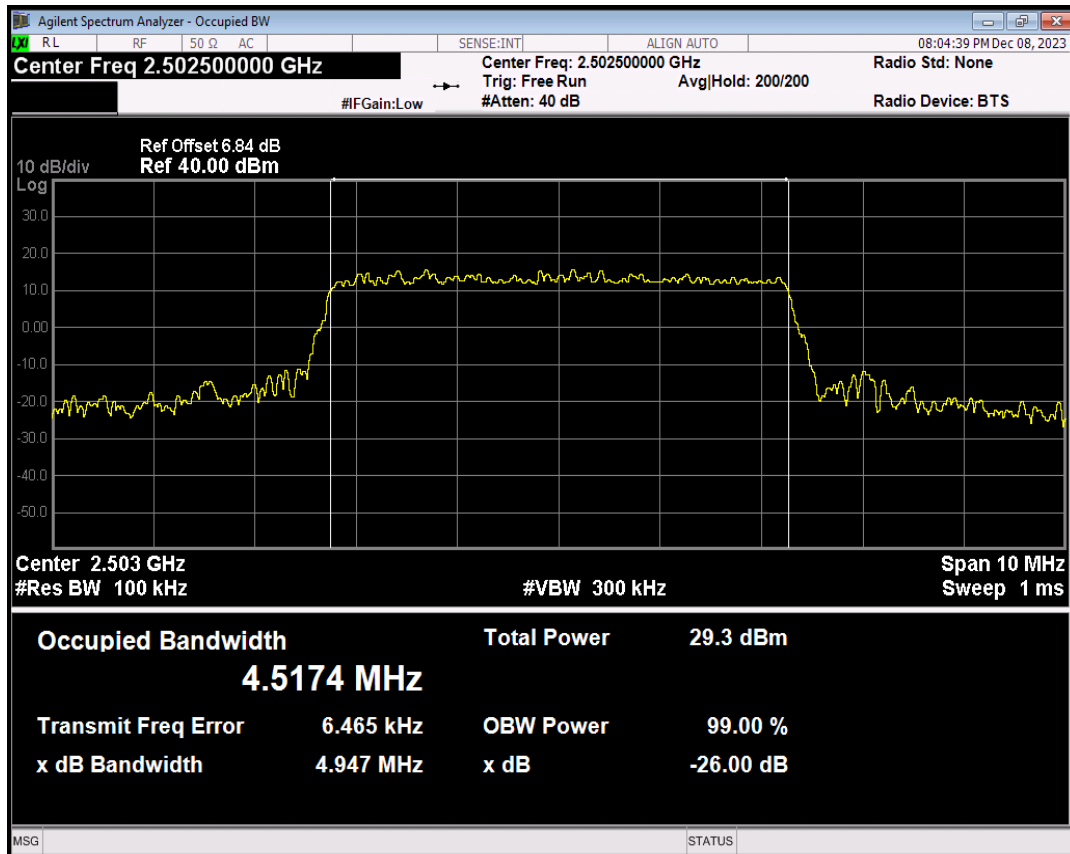
Appendix 4. Occupied bandwidth

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
Band7	5	20775	25	#0	QPSK	4.531	5.045	PASS
Band7	5	20775	25	#0	16QAM	4.517	4.947	PASS
Band7	5	21100	25	#0	QPSK	4.524	5.219	PASS
Band7	5	21100	25	#0	16QAM	4.542	5.365	PASS
Band7	5	21425	25	#0	QPSK	4.517	5.476	PASS
Band7	5	21425	25	#0	16QAM	4.565	5.405	PASS
Band7	10	20800	50	#0	QPSK	8.984	9.883	PASS
Band7	10	20800	50	#0	16QAM	9.009	10.210	PASS
Band7	10	21100	50	#0	QPSK	9.002	9.909	PASS
Band7	10	21100	50	#0	16QAM	9.039	9.992	PASS
Band7	10	21400	50	#0	QPSK	9.025	10.080	PASS
Band7	10	21400	50	#0	16QAM	9.024	10.187	PASS
Band7	15	20825	75	#0	QPSK	13.498	14.750	PASS
Band7	15	20825	75	#0	16QAM	13.496	14.918	PASS
Band7	15	21100	75	#0	QPSK	13.517	15.028	PASS
Band7	15	21100	75	#0	16QAM	13.498	14.738	PASS
Band7	15	21375	75	#0	QPSK	13.490	14.924	PASS
Band7	15	21375	75	#0	16QAM	13.451	14.683	PASS
Band7	20	20850	100	#0	QPSK	17.966	19.640	PASS
Band7	20	20850	100	#0	16QAM	18.008	19.567	PASS
Band7	20	21100	100	#0	QPSK	18.033	19.596	PASS
Band7	20	21100	100	#0	16QAM	18.090	19.966	PASS
Band7	20	21350	100	#0	QPSK	18.066	19.693	PASS
Band7	20	21350	100	#0	16QAM	18.052	20.124	PASS

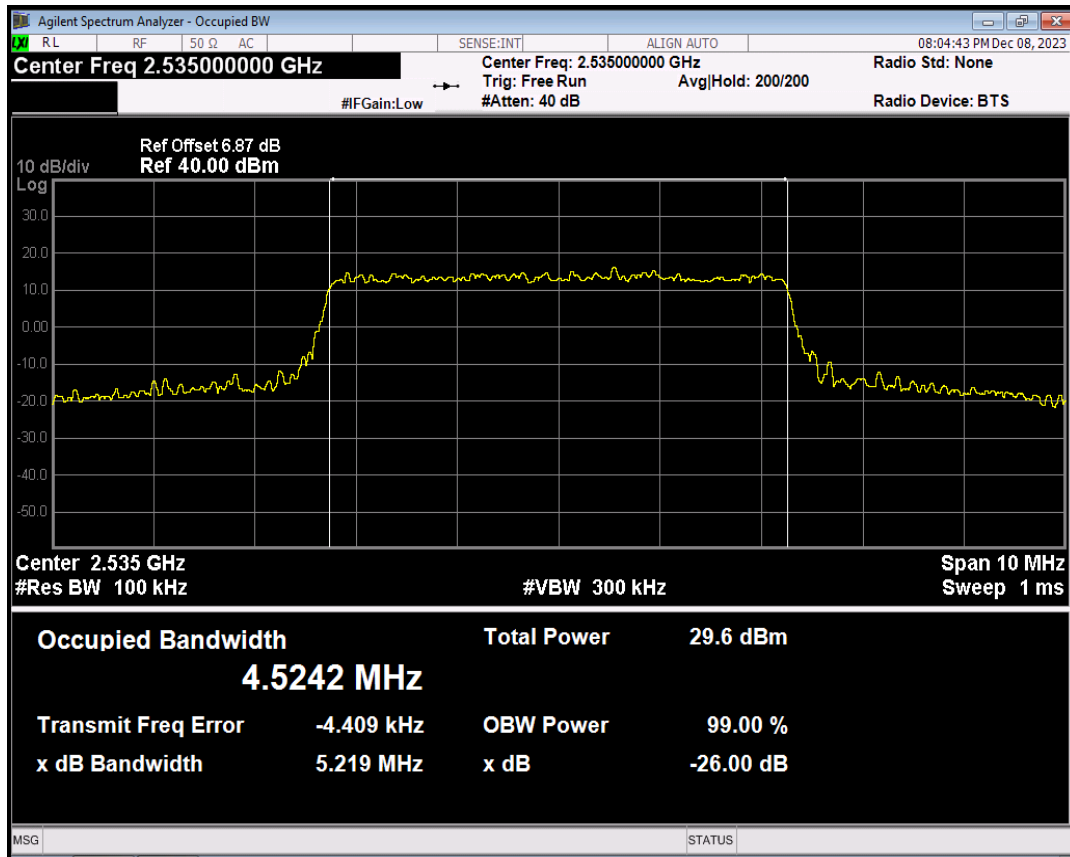
Band7 QPSK BW=5MHz Channel=20775 RB Size=25 Position=#0



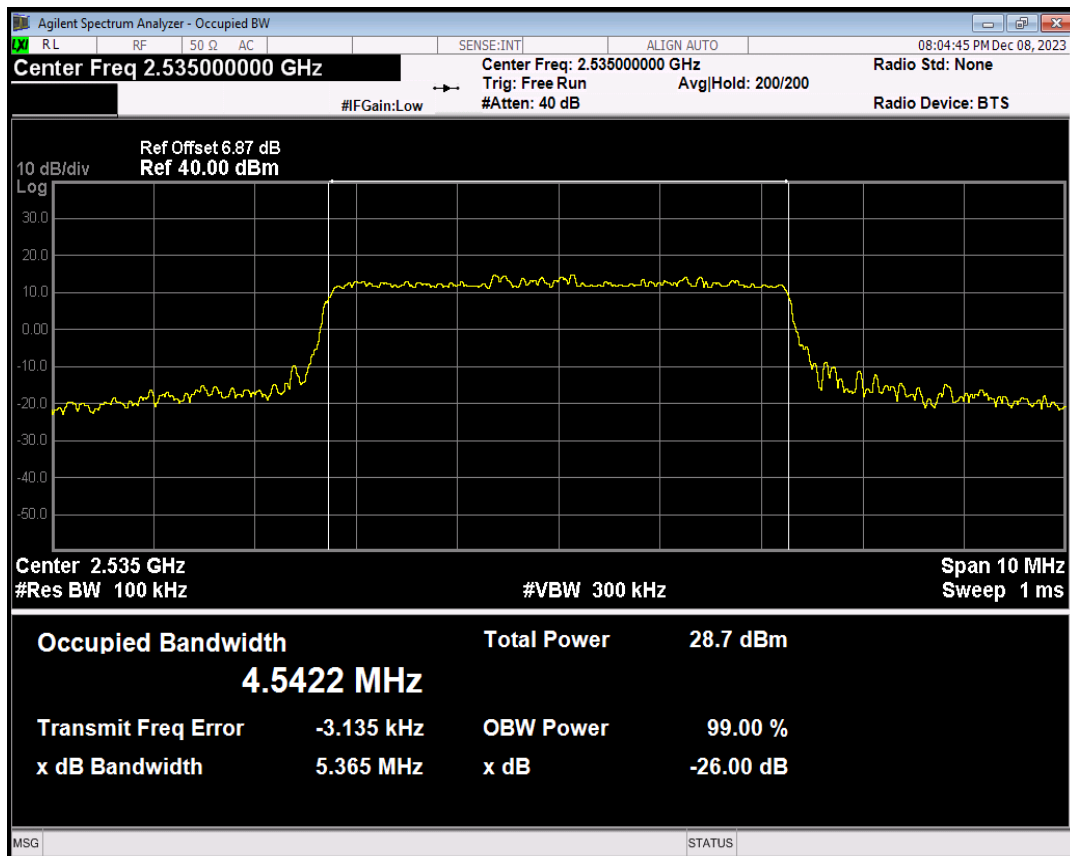
Band7 16QAM BW=5MHz Channel=20775 RB Size=25 Position=#0



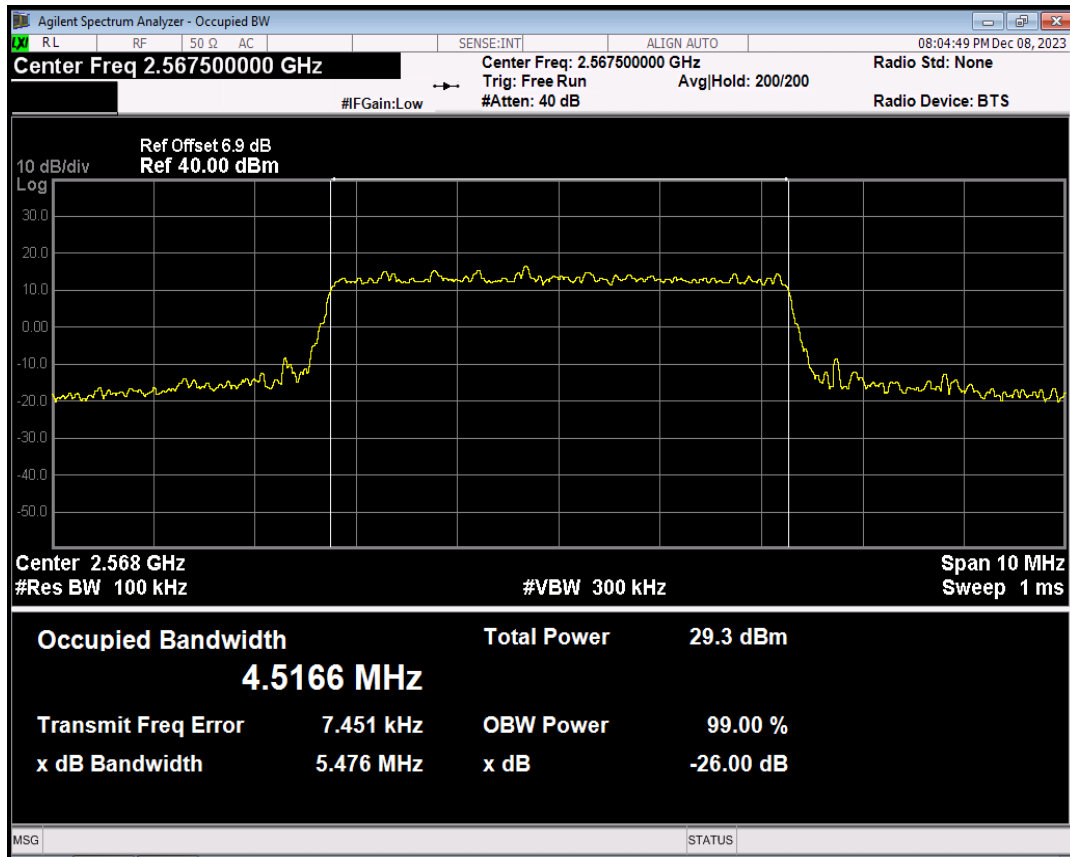
Band7 QPSK BW=5MHz Channel=21100 RB Size=25 Position=#0



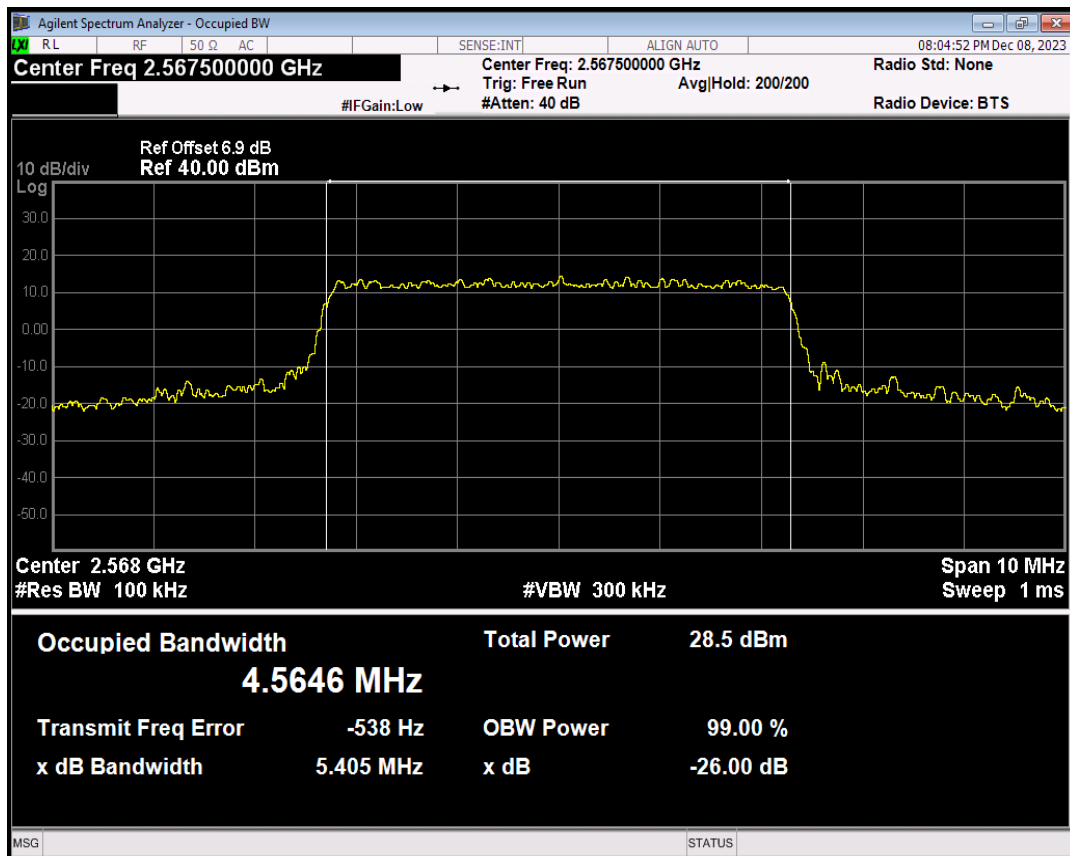
Band7 16QAM BW=5MHz Channel=21100 RB Size=25 Position=#0



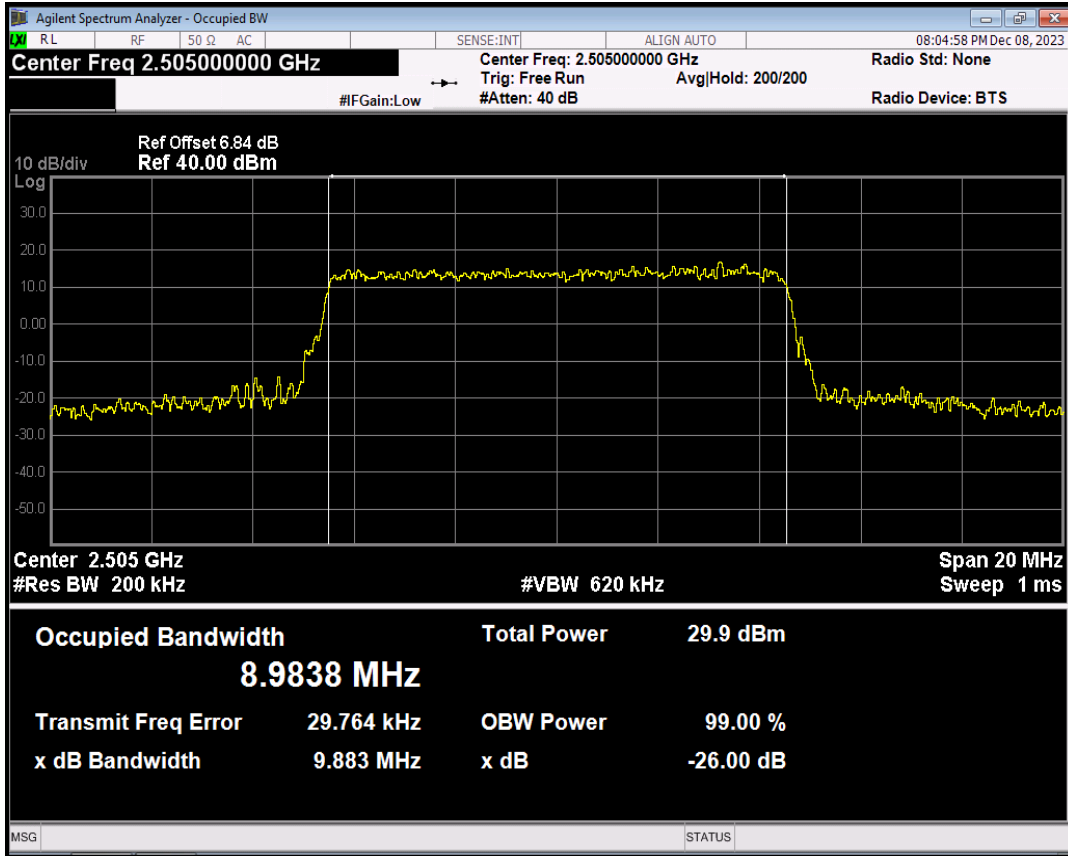
Band7 QPSK BW=5MHz Channel=21425 RB Size=25 Position=#0



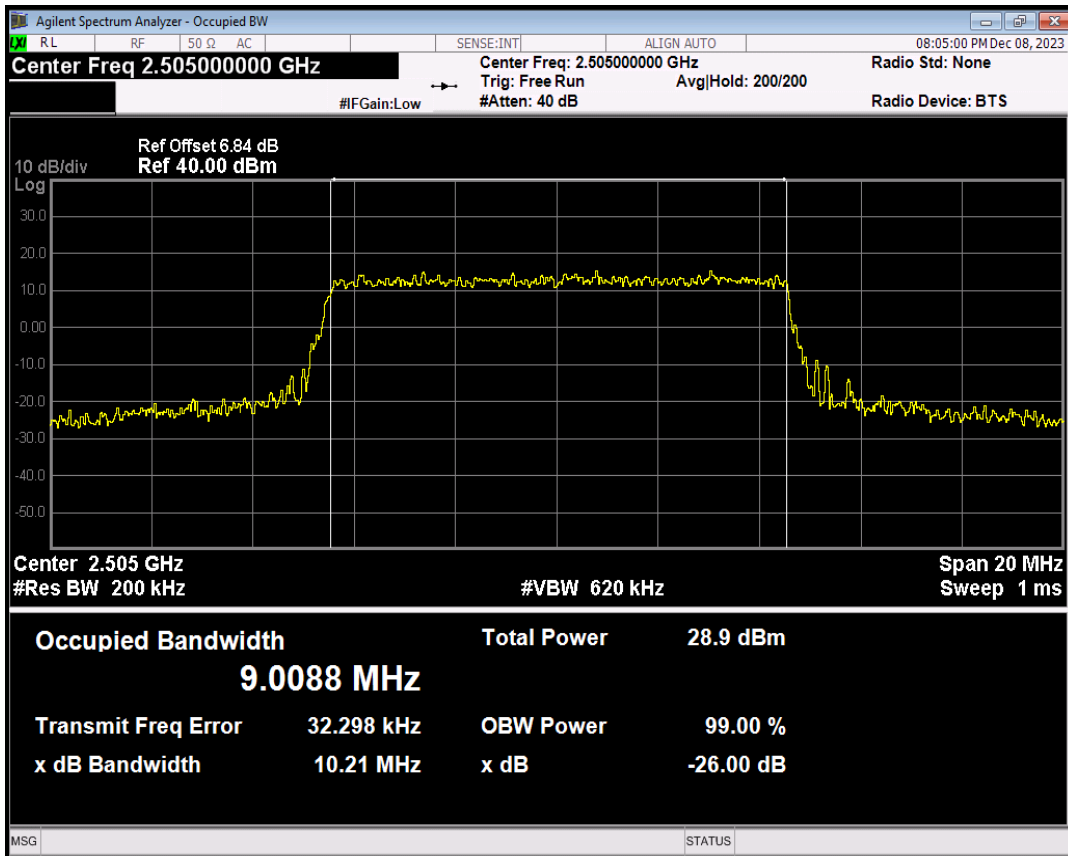
Band7 16QAM BW=5MHz Channel=21425 RB Size=25 Position=#0



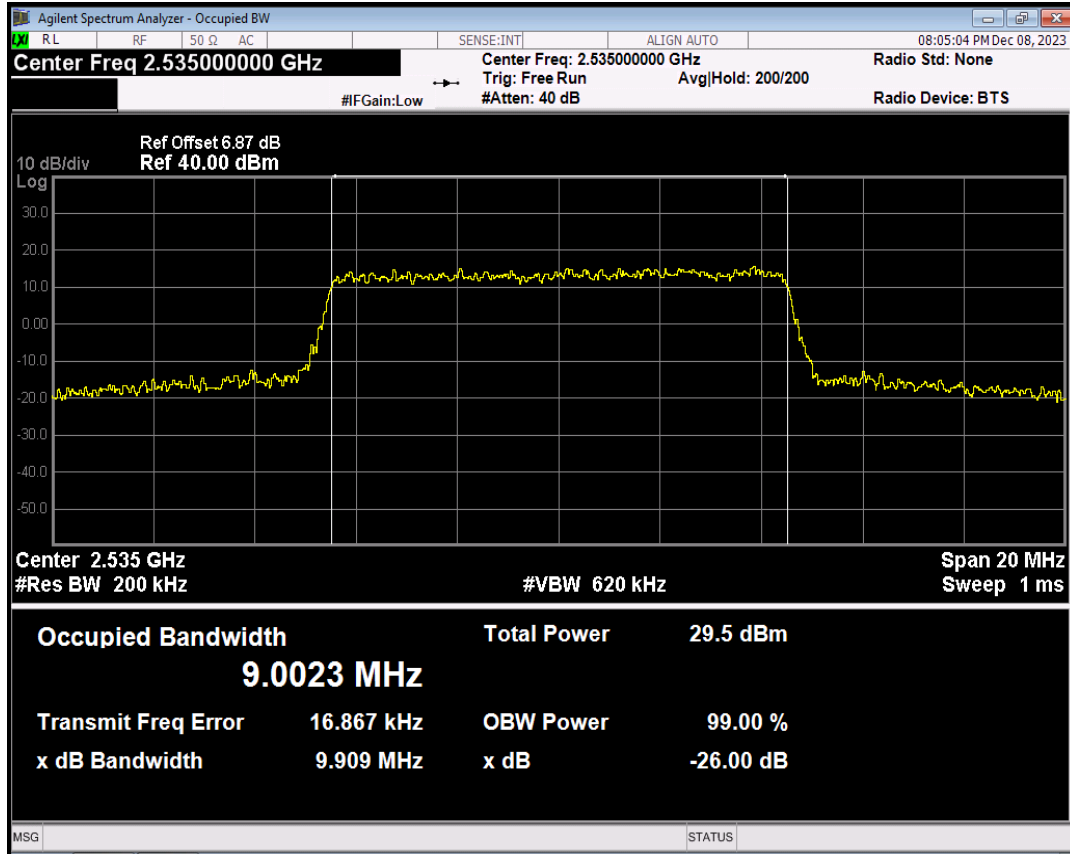
Band7 QPSK BW=10MHz Channel=20800 RB Size=50 Position=#0



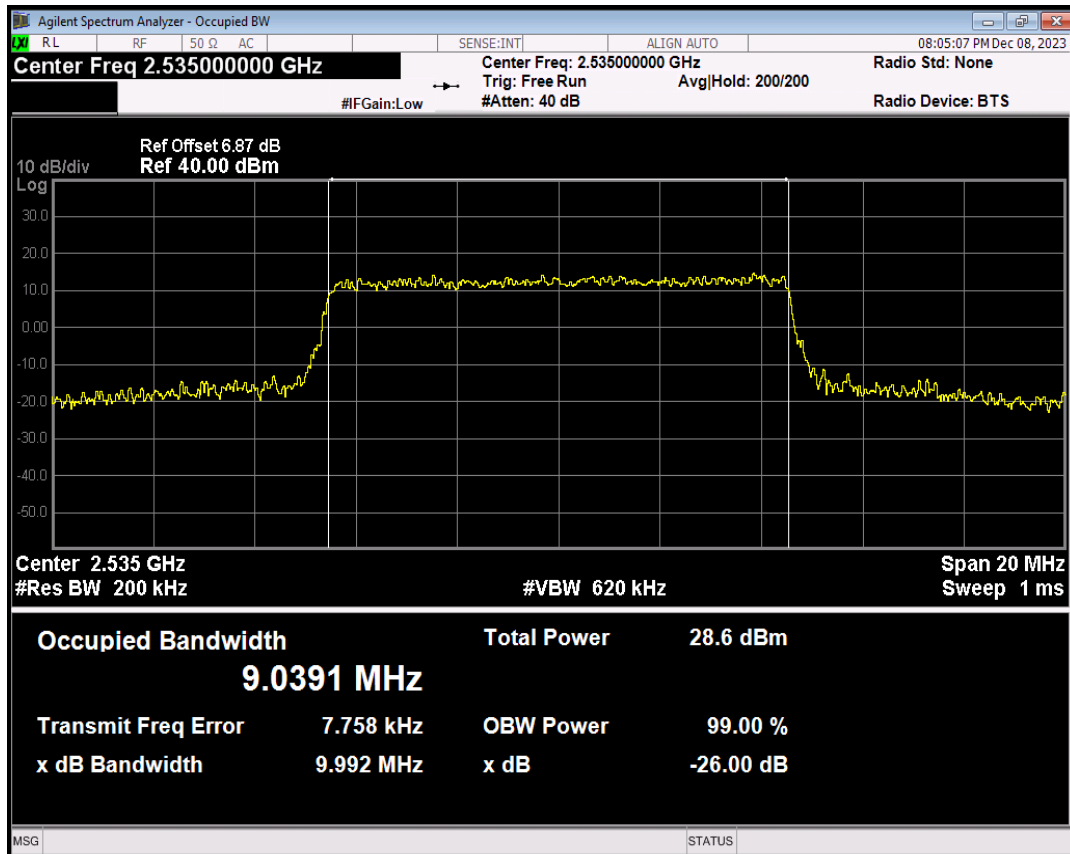
Band7 16QAM BW=10MHz Channel=20800 RB Size=50 Position=#0



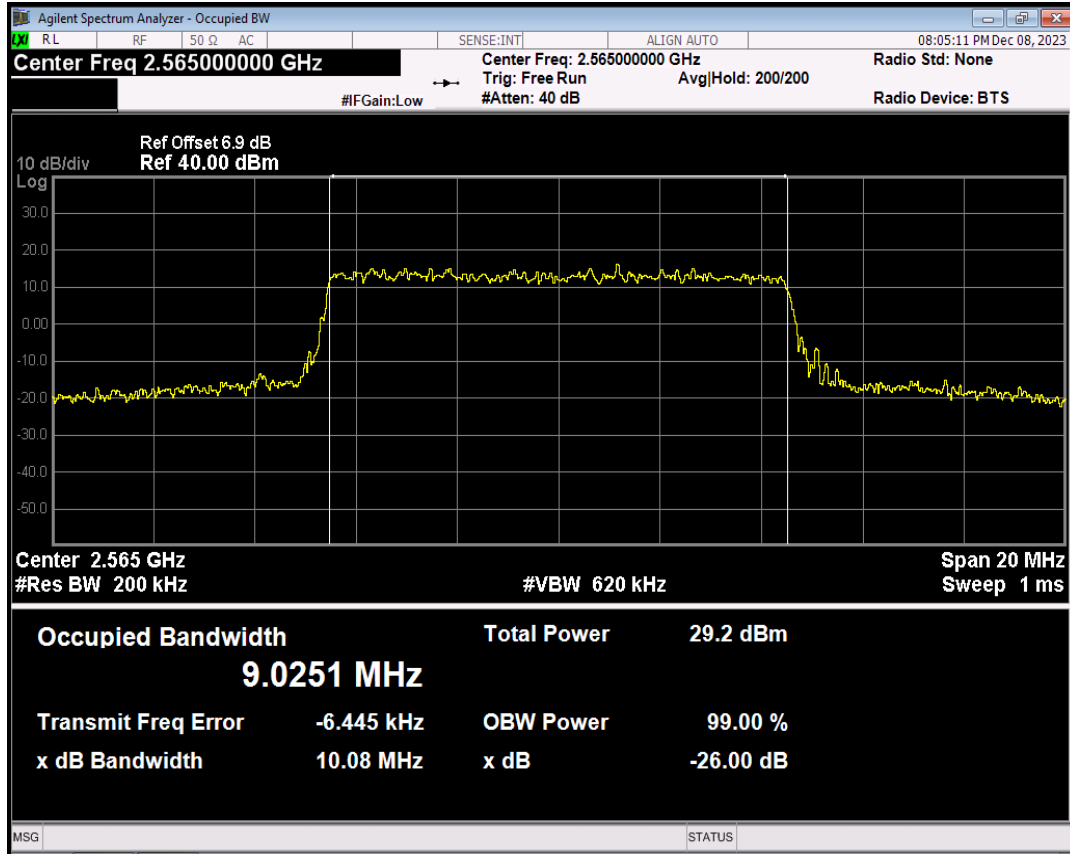
Band7 QPSK BW=10MHz Channel=21100 RB Size=50 Position=#0



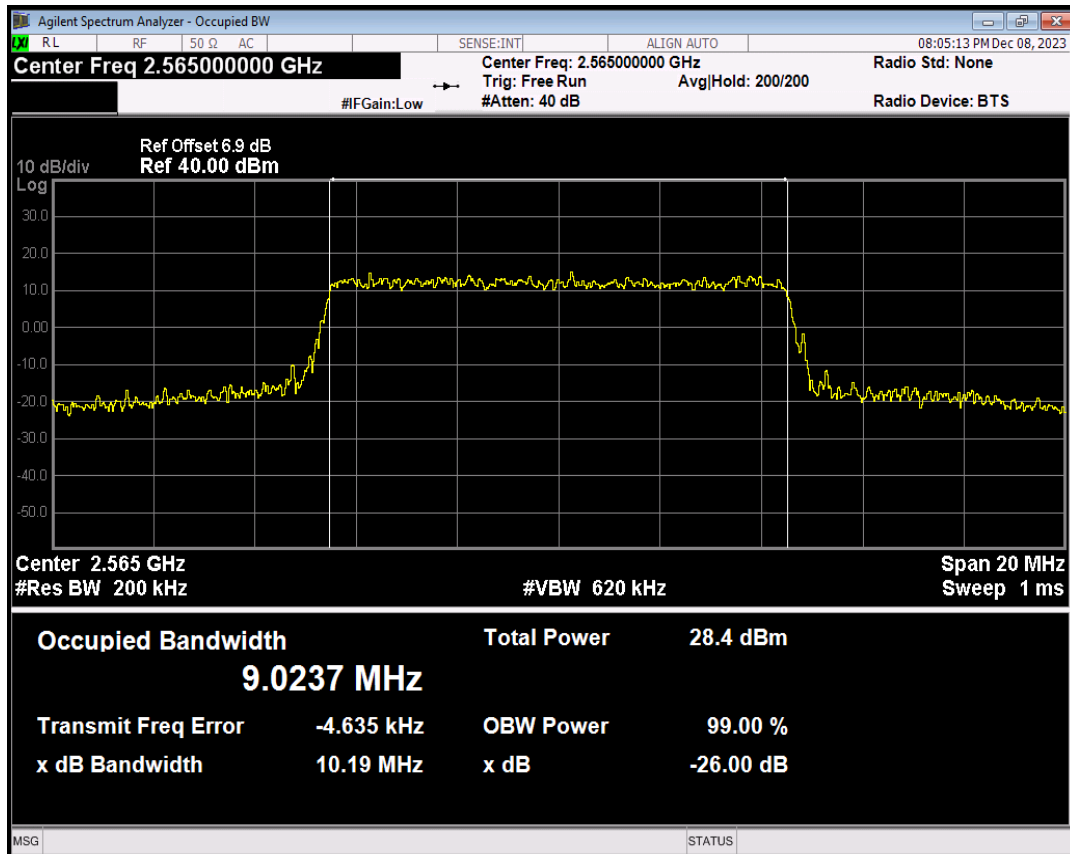
Band7 16QAM BW=10MHz Channel=21100 RB Size=50 Position=#0



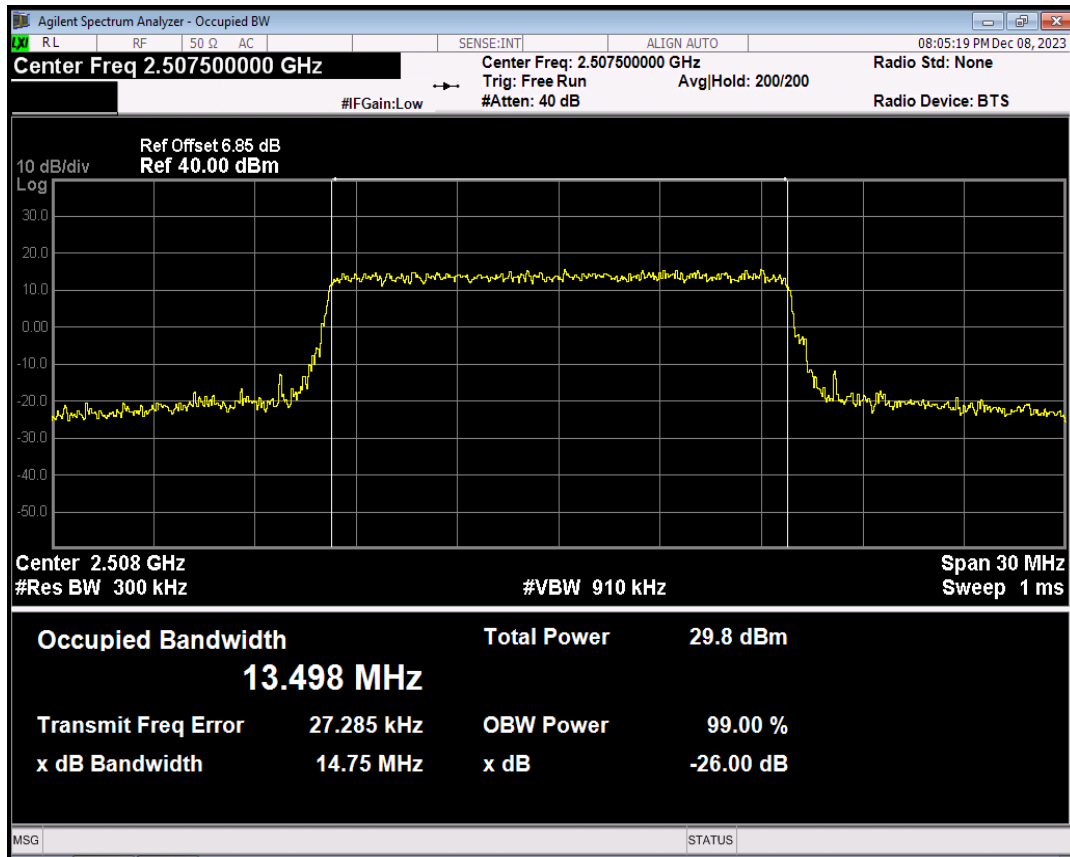
Band7 QPSK BW=10MHz Channel=21400 RB Size=50 Position=#0



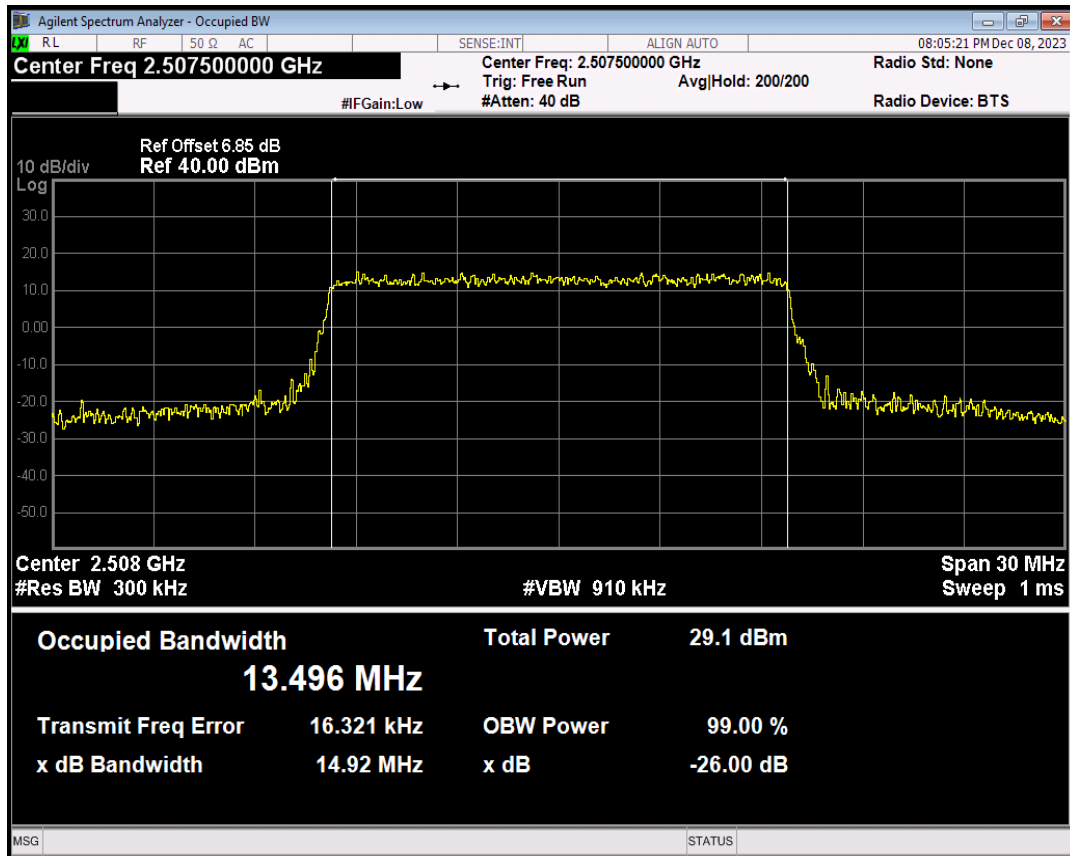
Band7 16QAM BW=10MHz Channel=21400 RB Size=50 Position=#0



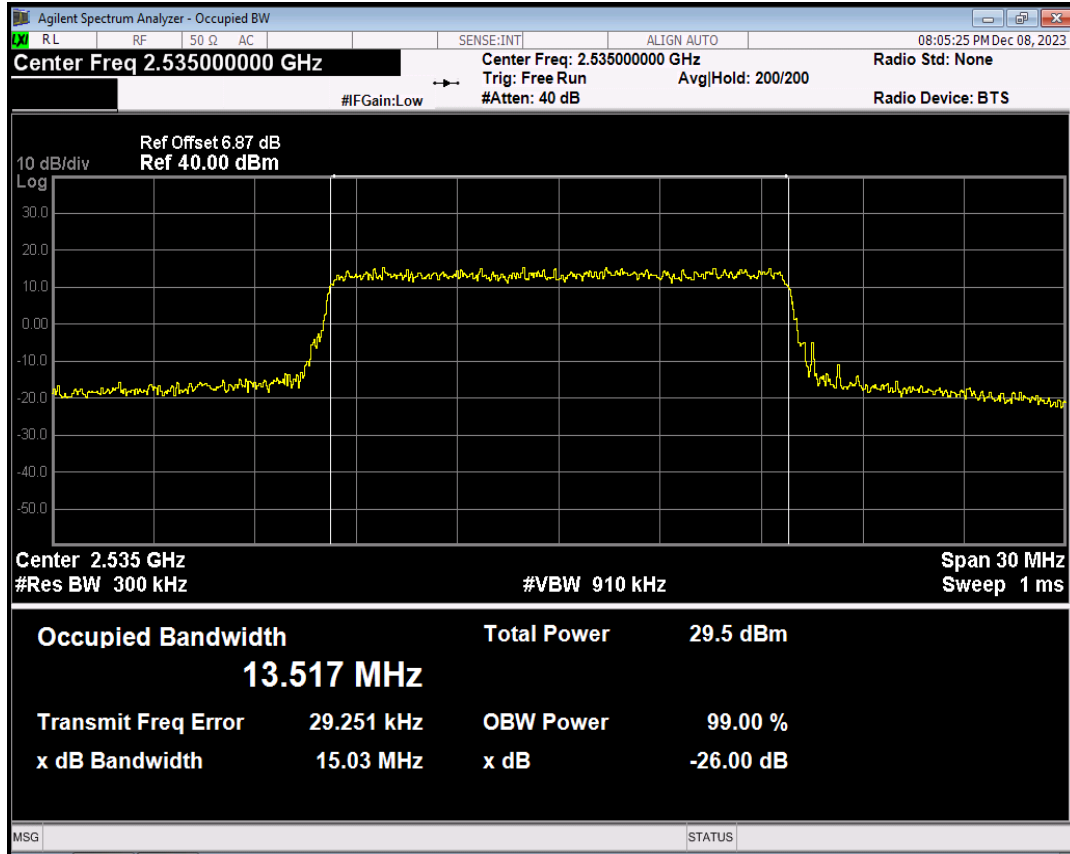
Band7 QPSK BW=15MHz Channel=20825 RB Size=75 Position=#0



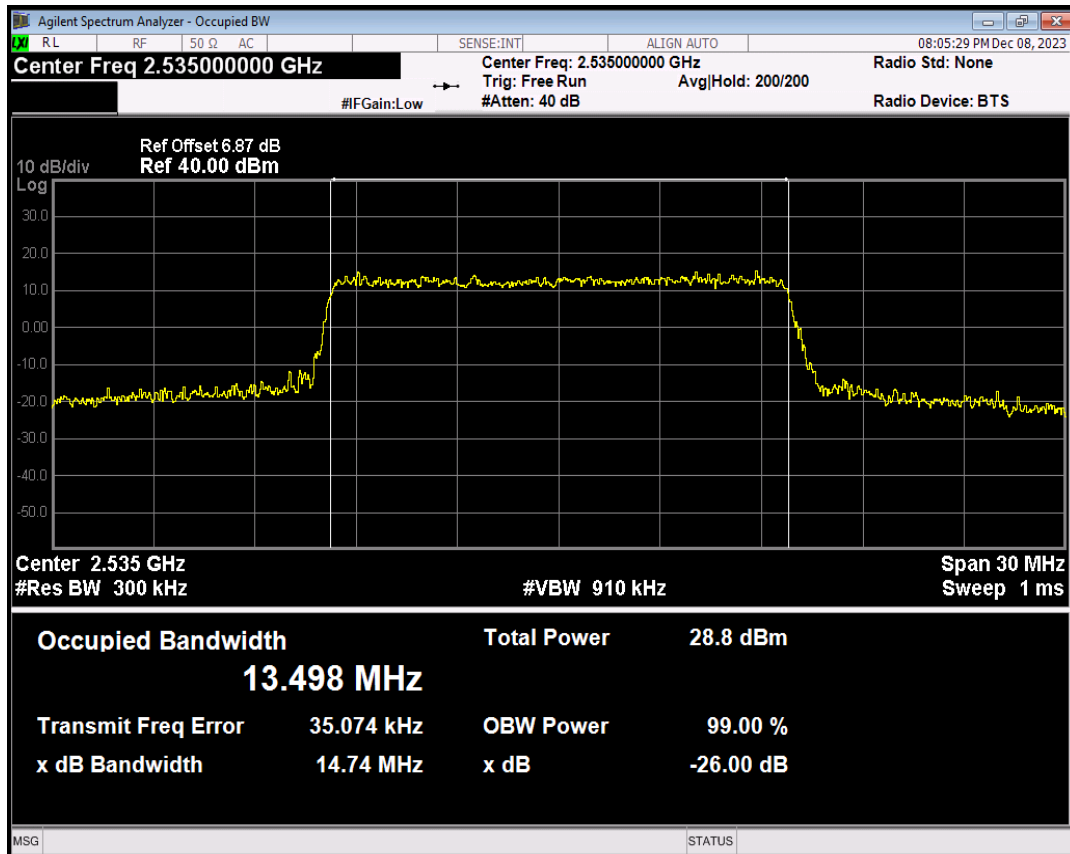
Band7 16QAM BW=15MHz Channel=20825 RB Size=75 Position=#0



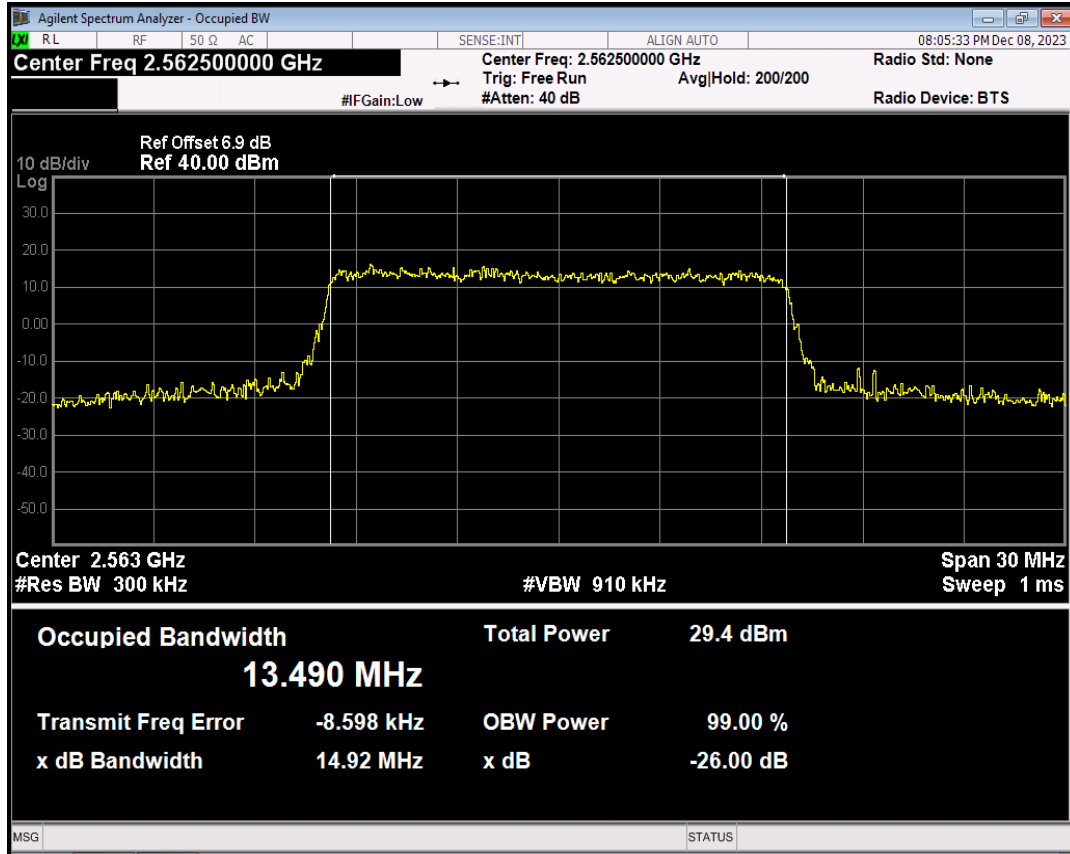
Band7 QPSK BW=15MHz Channel=21100 RB Size=75 Position=#0



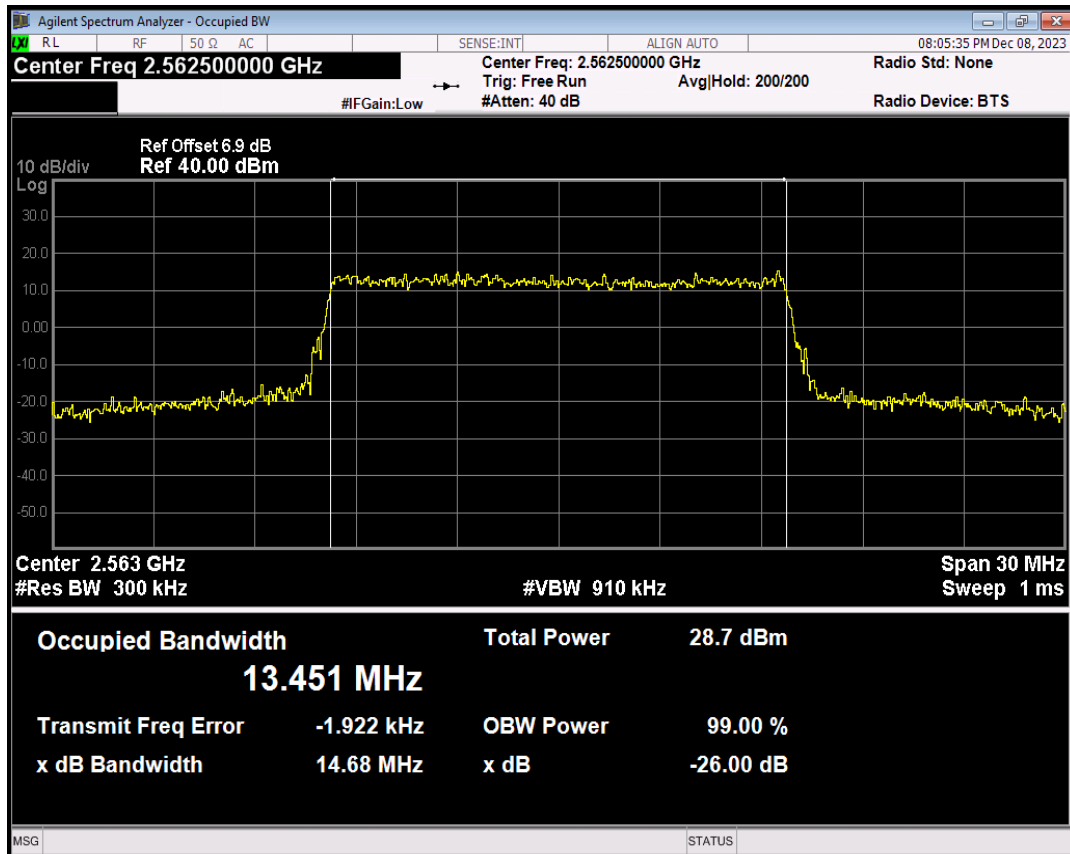
Band7 16QAM BW=15MHz Channel=21100 RB Size=75 Position=#0



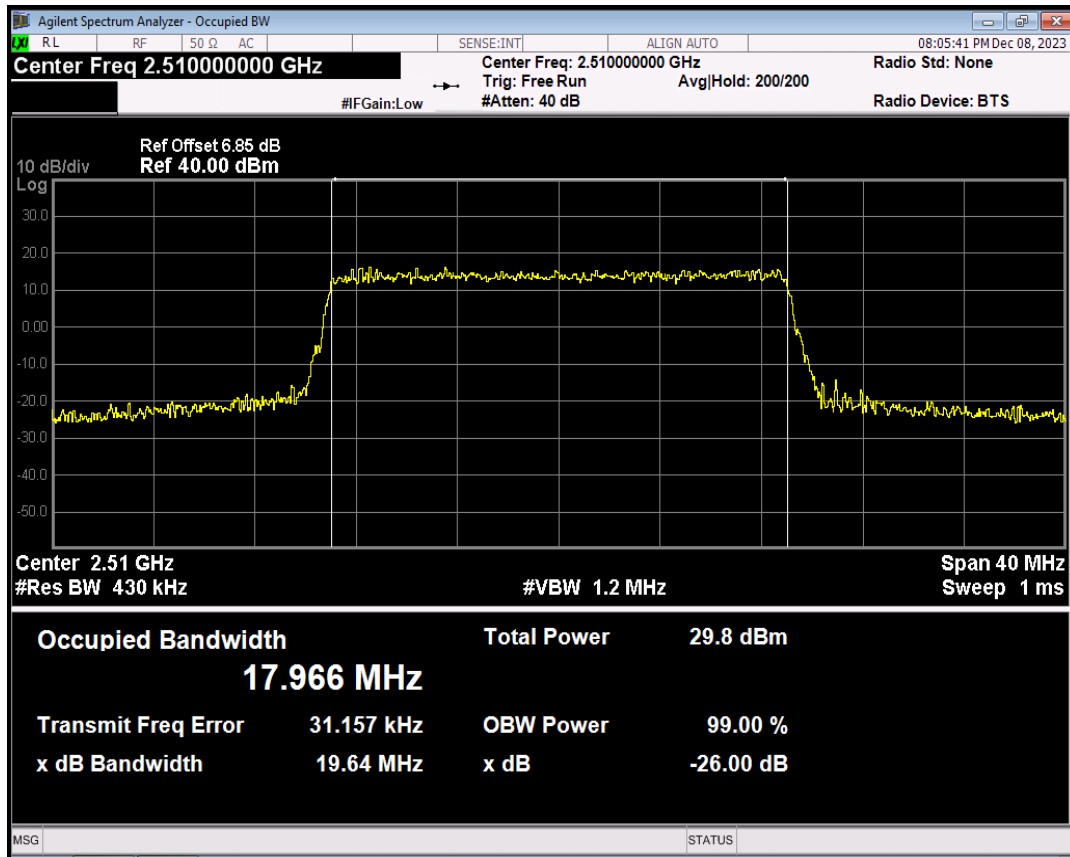
Band7 QPSK BW=15MHz Channel=21375 RB Size=75 Position=#0



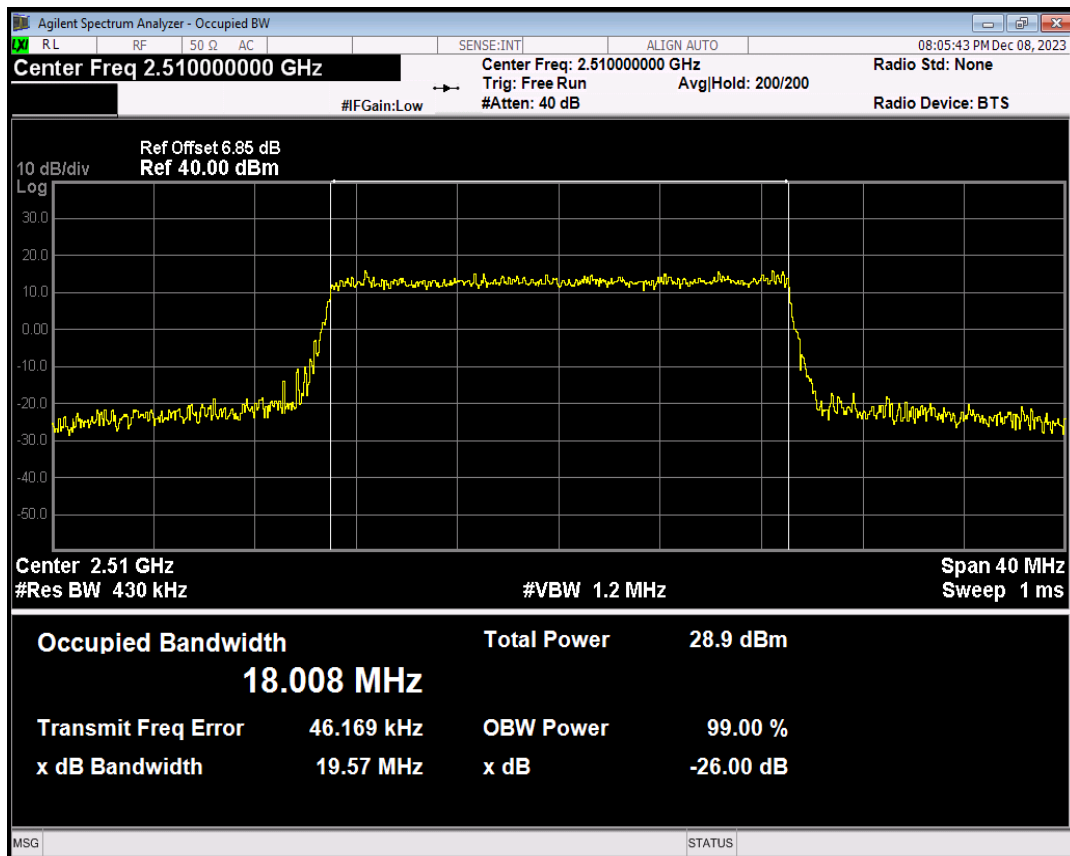
Band7 16QAM BW=15MHz Channel=21375 RB Size=75 Position=#0



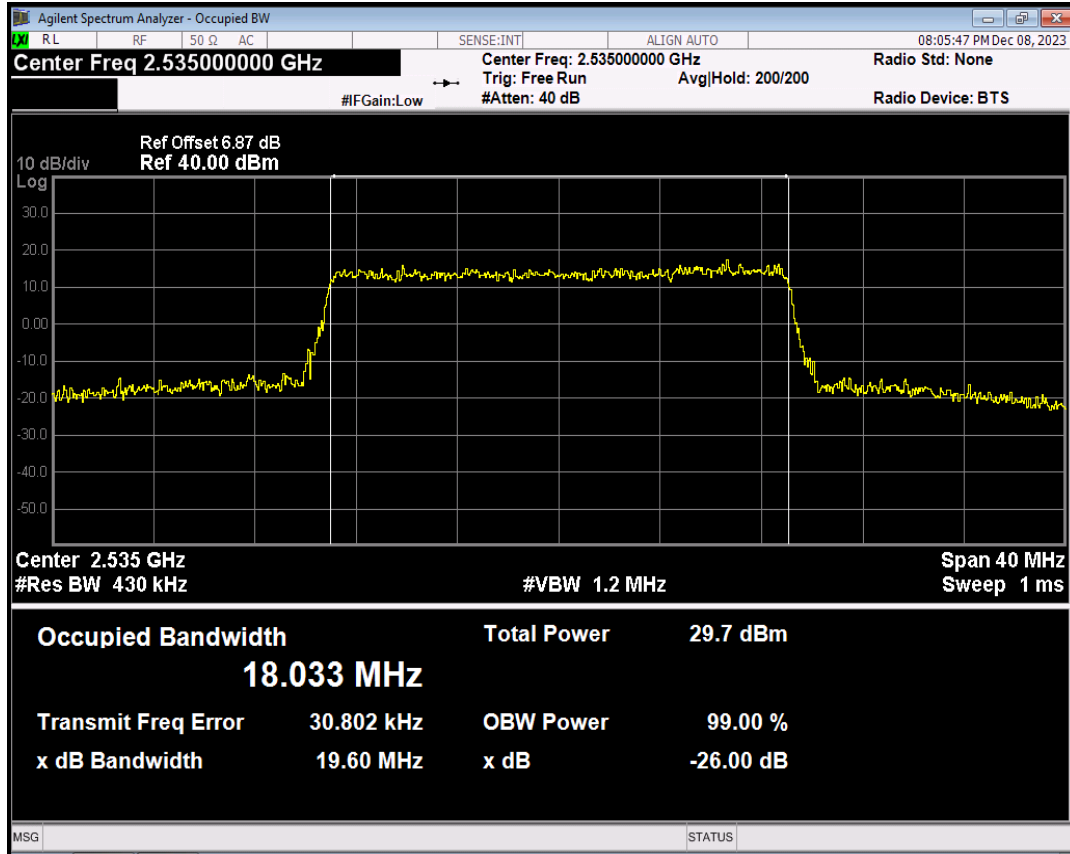
Band7 QPSK BW=20MHz Channel=20850 RB Size=100 Position=#0



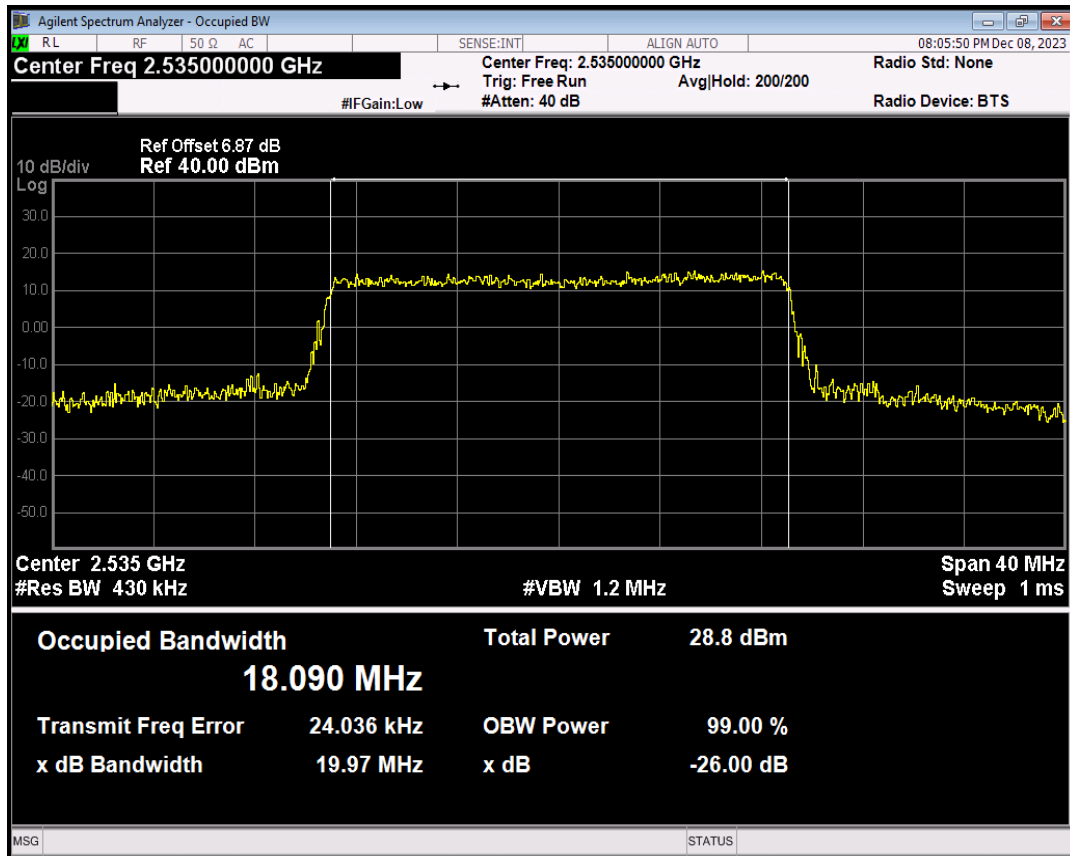
Band7 16QAM BW=20MHz Channel=20850 RB Size=100 Position=#0



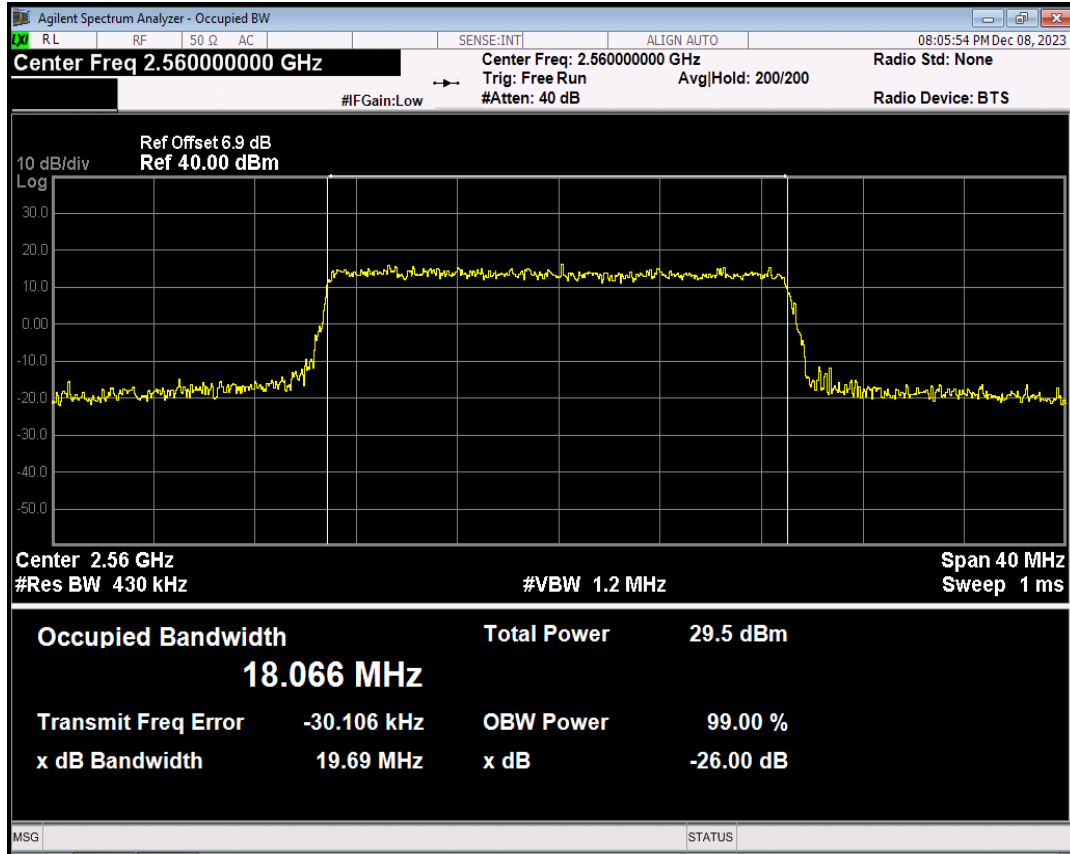
Band7 QPSK BW=20MHz Channel=21100 RB Size=100 Position=#0



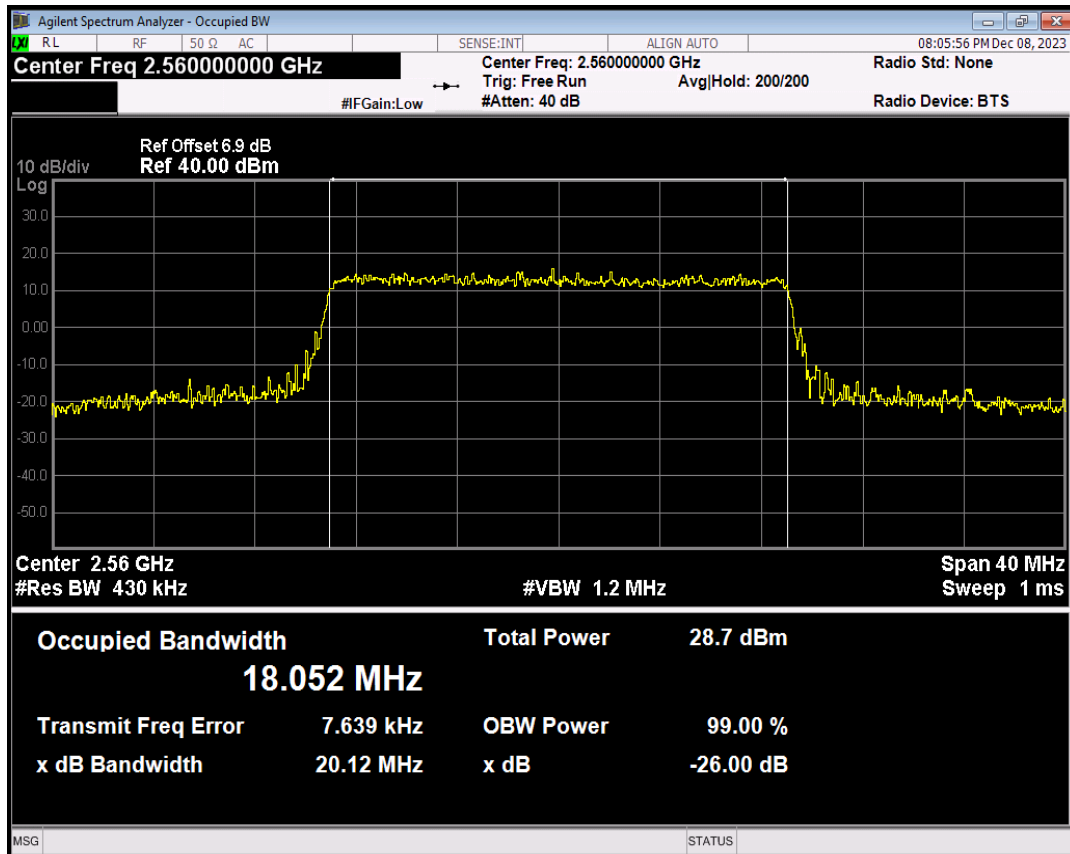
Band7 16QAM BW=20MHz Channel=21100 RB Size=100 Position=#0



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



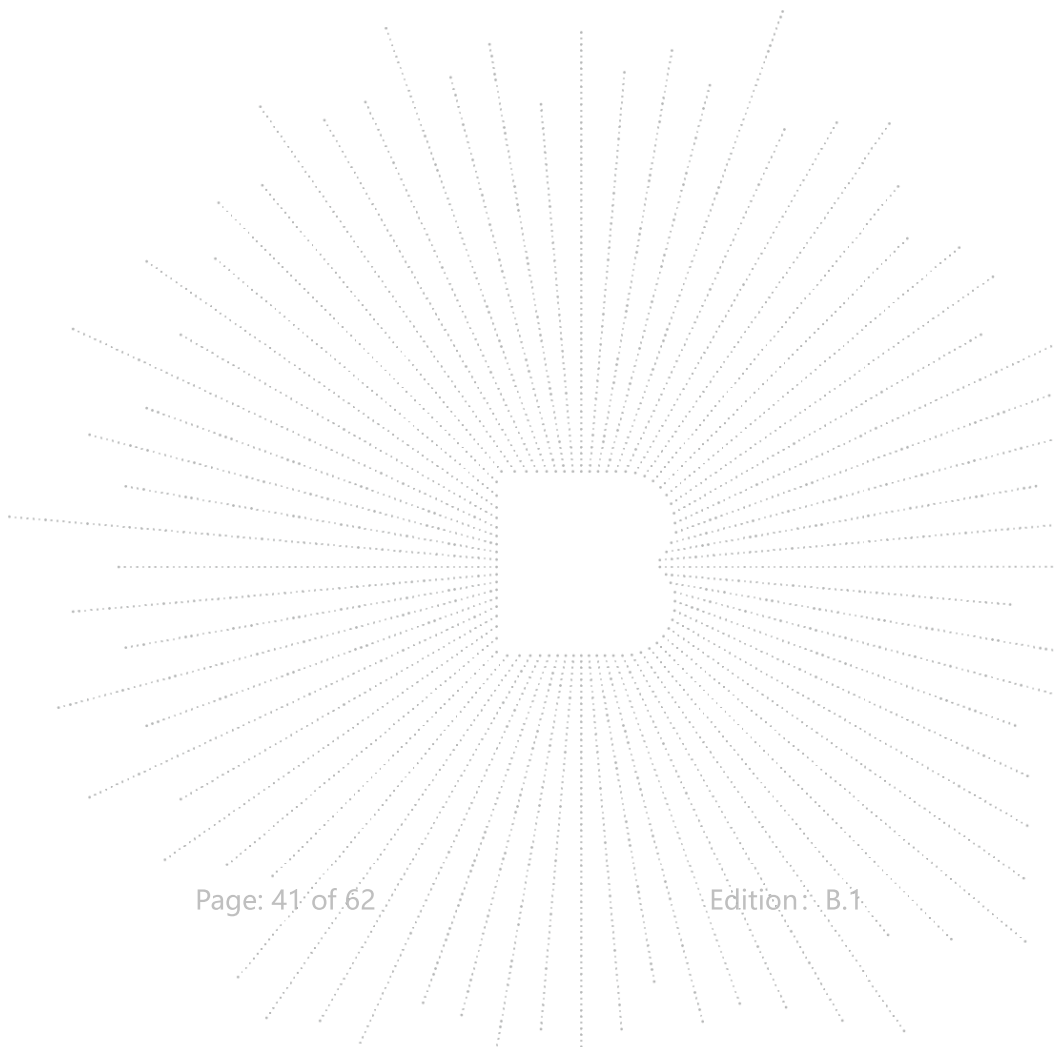
Band7 16QAM BW=20MHz Channel=21350 RB Size=100 Position=#0

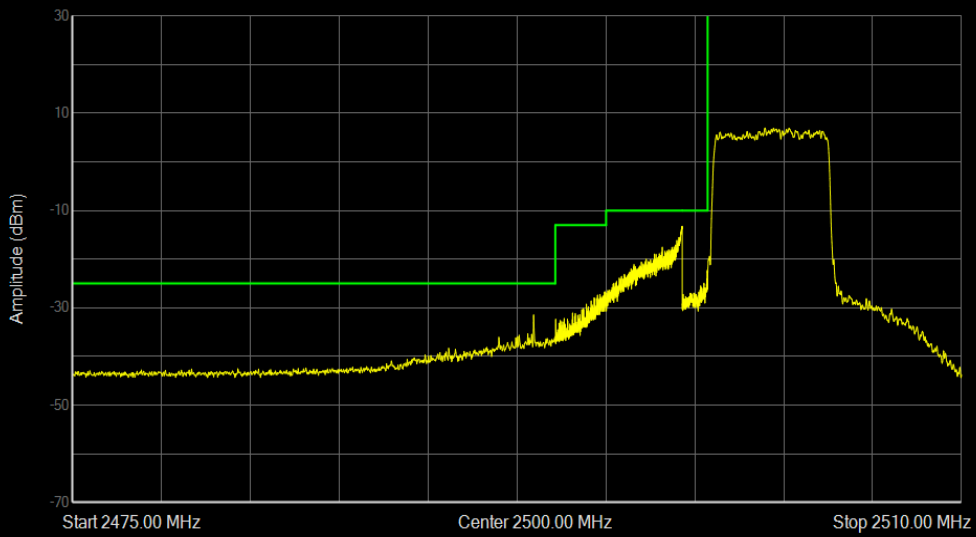


Appendix 5. Band edge

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band7	5	20775	25	#0	QPSK	2499.00	-13.25	-10	PASS
Band7	5	20775	25	#0	16QAM	2498.98	-14.56	-10	PASS
Band7	5	21425	25	#0	QPSK	2571.02	-11.60	-10	PASS
Band7	5	21425	25	#0	16QAM	2571.02	-13.69	-10	PASS
Band7	10	20800	50	#0	QPSK	2489.90	-36.04	-25	PASS
Band7	10	20800	50	#0	16QAM	2489.63	-37.21	-25	PASS
Band7	10	21400	50	#0	QPSK	2575.01	-21.06	-13	PASS
Band7	10	21400	50	#0	16QAM	2571.20	-19.28	-10	PASS
Band7	15	20825	75	#0	QPSK	2494.69	-24.60	-13	PASS
Band7	15	20825	75	#0	16QAM	2484.51	-38.27	-25	PASS
Band7	15	21375	75	#0	QPSK	2575.61	-22.09	-13	PASS
Band7	15	21375	75	#0	16QAM	2585.04	-36.74	-25	PASS
Band7	20	20850	100	#0	QPSK	2479.91	-39.67	-25	PASS
Band7	20	20850	100	#0	16QAM	2479.98	-40.49	-25	PASS
Band7	20	21350	100	#0	QPSK	2575.77	-24.17	-13	PASS
Band7	20	21350	100	#0	16QAM	2575.63	-26.21	-13	PASS

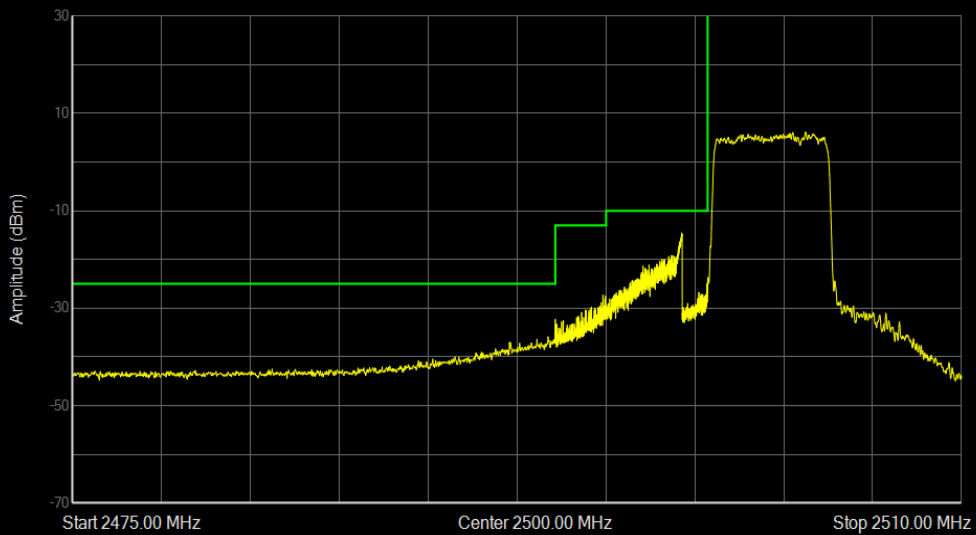
Band7 QPSK BW=5MHz Channel=20775 RB Size=25 Position=#0





Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2475	2494	1000	2493.145	-31.47	-25
2	2494	2496	1000	2495.948	-26.69	-13
3	2496	2499	1000	2499	-13.25	-10
4	2499	2500	100	2499.983	-22.32	-10

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



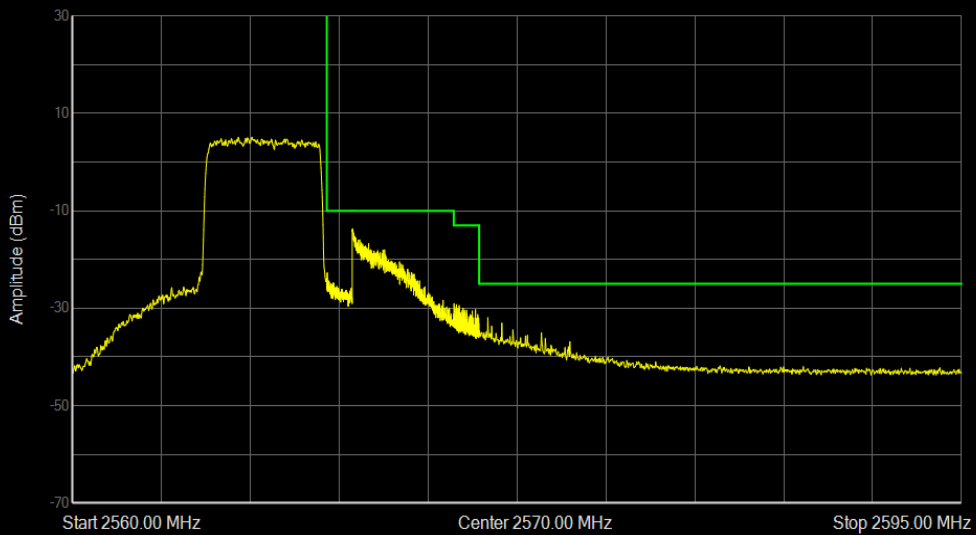
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2475	2494	1000	2494	-32.3	-25
2	2494	2496	1000	2495.876	-27.3	-13
3	2496	2499	1000	2498.979	-14.56	-10
4	2499	2500	100	2499.974	-25.02	-10

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



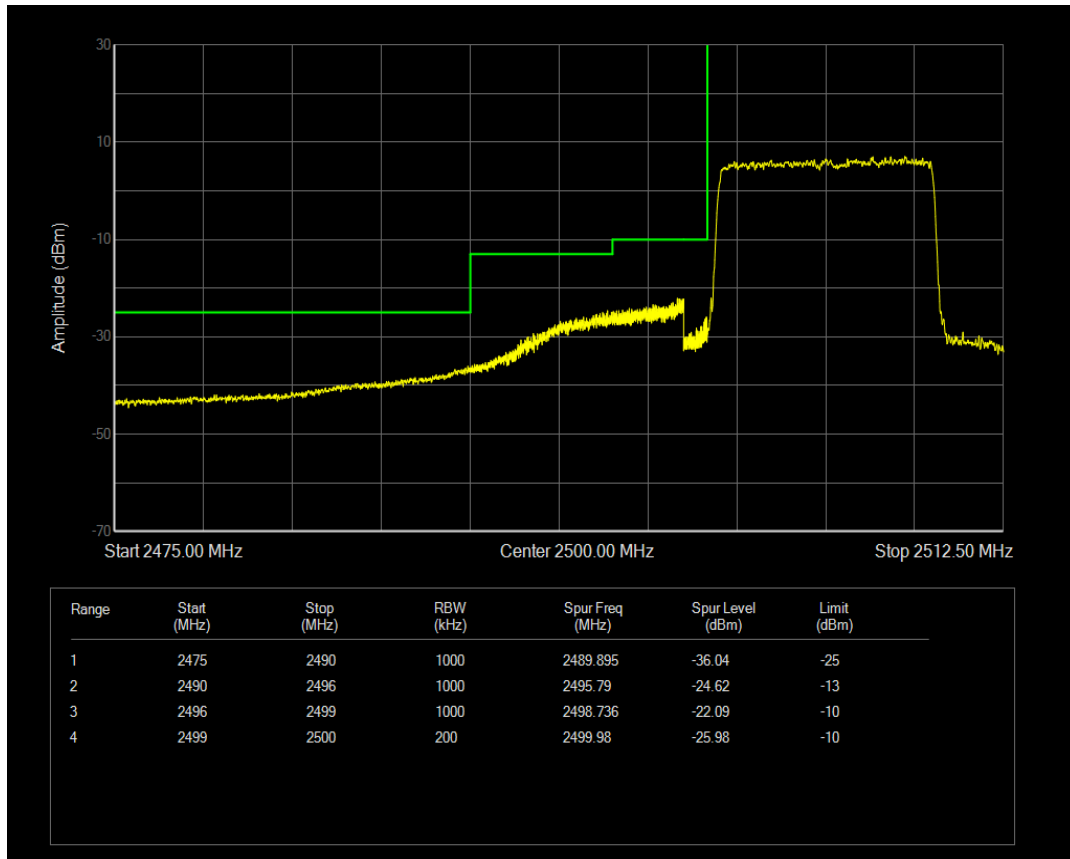
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2570	2571	100	2570.001	-21.29	-10
2	2571	2575	1000	2571.016	-11.6	-10
3	2575	2576	1000	2575.013	-30.21	-13
4	2576	2595	1000	2576.703	-33.11	-25

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

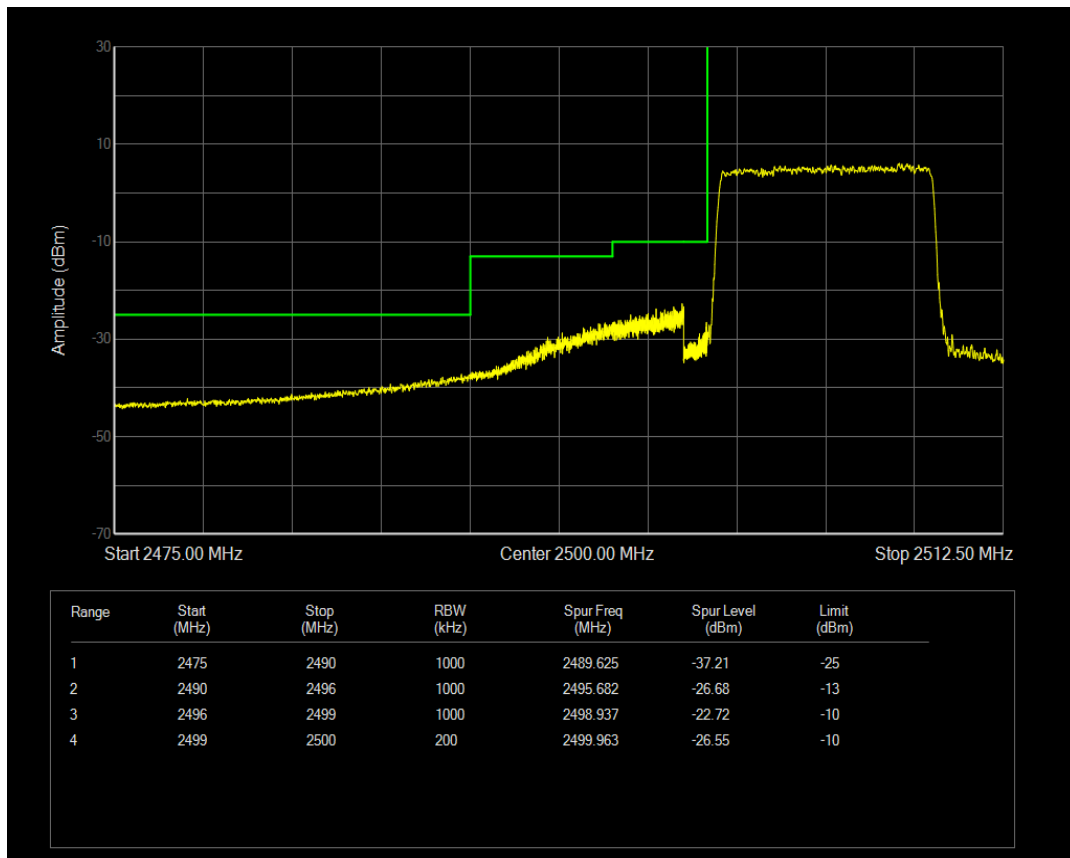


Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2570	2571	100	2570.017	-22.73	-10
2	2571	2575	1000	2571.016	-13.69	-10
3	2575	2576	1000	2575.013	-29.05	-13
4	2576	2595	1000	2576.342	-31.93	-25

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



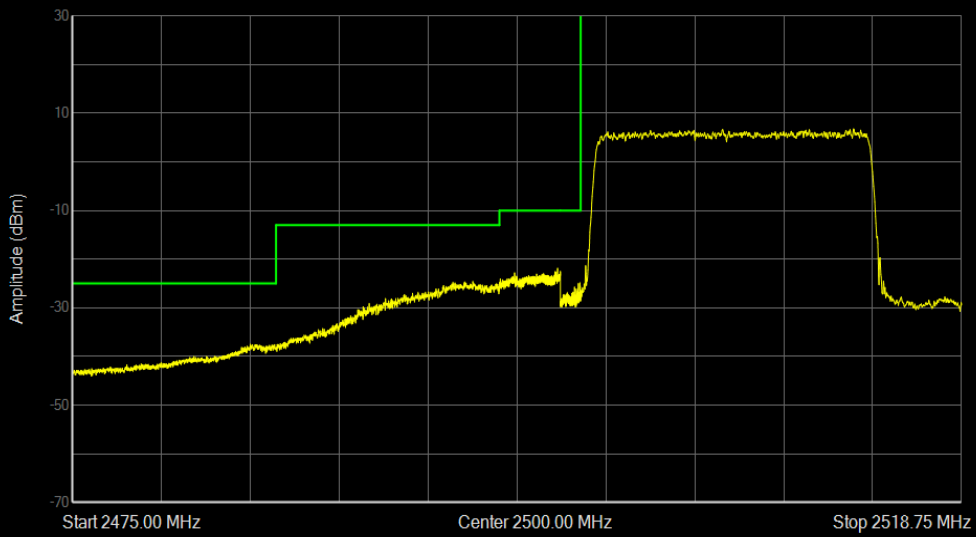
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2570	2571	200	2570.027	-22.93	-10
2	2571	2575	1000	2571.68	-18.12	-10
3	2575	2580	1000	2575.01	-21.06	-13
4	2580	2595	1000	2580.12	-33.71	-25

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



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2570	2571	200	2570.035	-24.4	-10
2	2571	2575	1000	2571.204	-19.28	-10
3	2575	2580	1000	2575.27	-23.28	-13
4	2580	2595	1000	2580.015	-34.48	-25

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



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2475	2485	1000	2483.73	-37.49	-25
2	2485	2496	1000	2494.691	-24.6	-13
3	2496	2499	1000	2498.862	-21.87	-10
4	2499	2500	300	2499.962	-24.85	-10

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



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2475	2485	1000	2484.51	-38.27	-25
2	2485	2496	1000	2495.791	-26.51	-13
3	2496	2499	1000	2498.904	-24.42	-10
4	2499	2500	300	2499.996	-26.44	-10

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



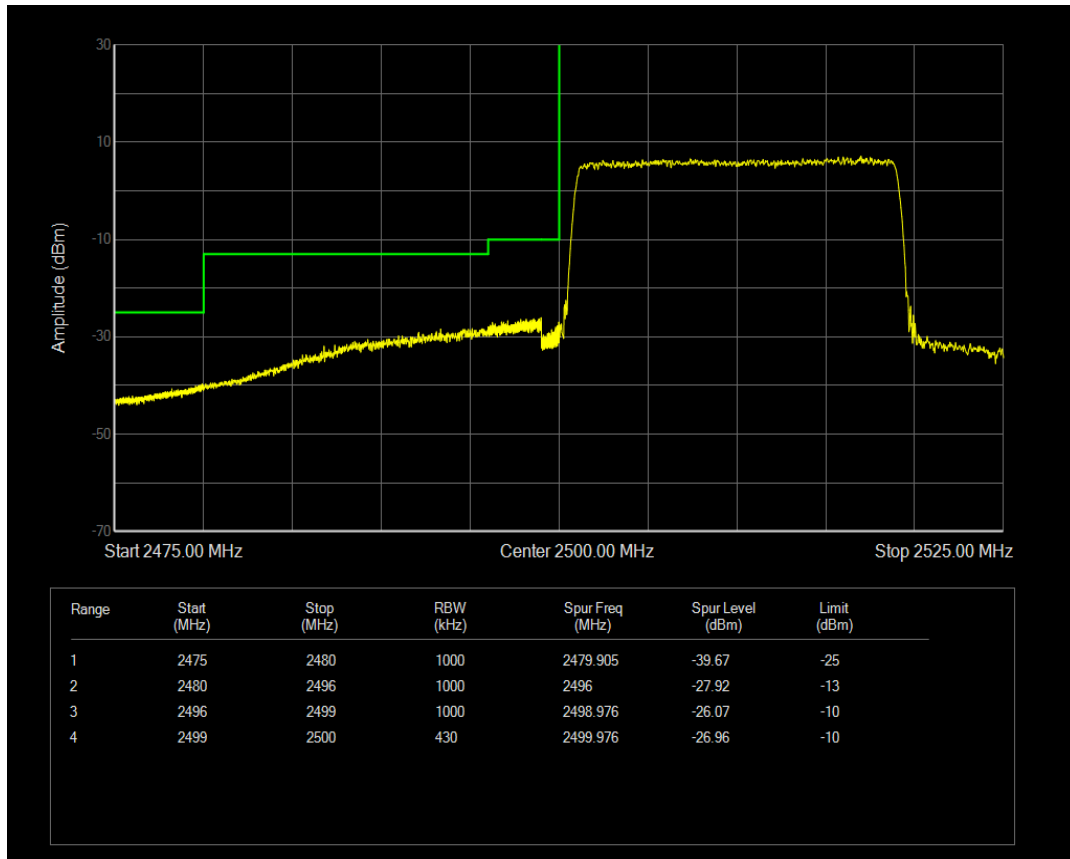
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2570	2571	300	2570.024	-23.45	-10
2	2571	2575	1000	2571.2	-20.08	-10
3	2575	2585	1000	2575.61	-22.09	-13
4	2585	2595	1000	2585.03	-35.86	-25

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

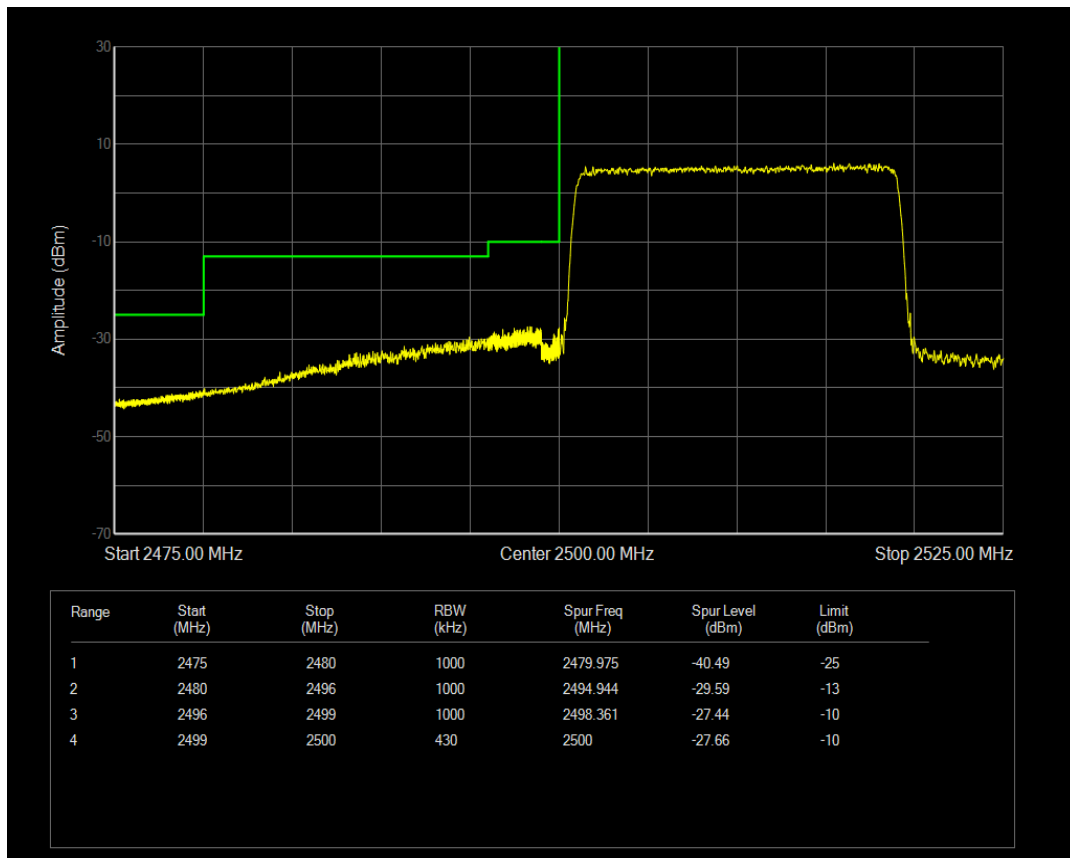


Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2570	2571	300	2570.098	-24.75	-10
2	2571	2575	1000	2572.66	-22.44	-10
3	2575	2585	1000	2575.82	-24.88	-13
4	2585	2595	1000	2585.04	-36.74	-25

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



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

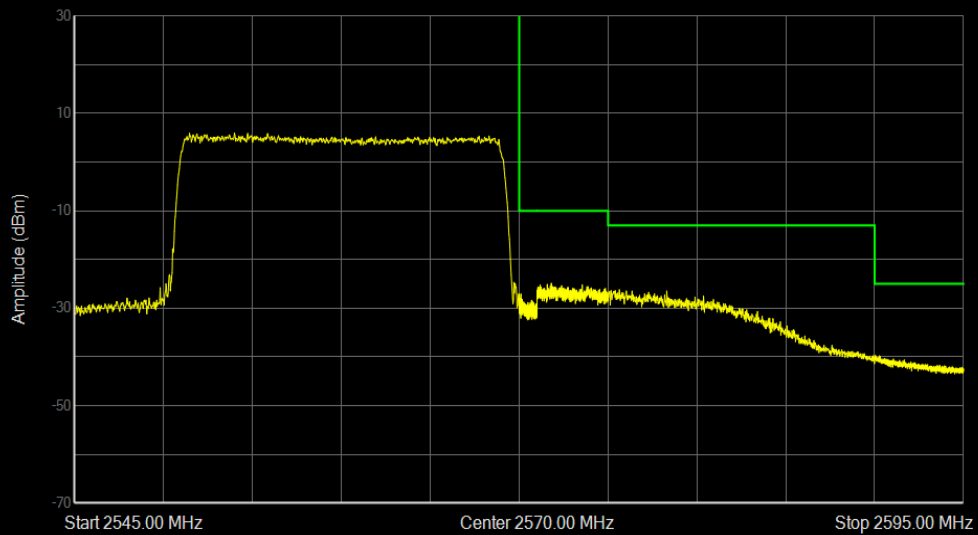


Band7 QPSK BW=20MHz Channel=21350 RB Size=100 Position=#0



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2570	2571	430	2570.065	-25	-10
2	2571	2575	1000	2571.872	-23.31	-10
3	2575	2590	1000	2575.765	-24.17	-13
4	2590	2595	1000	2590.15	-39.56	-25

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

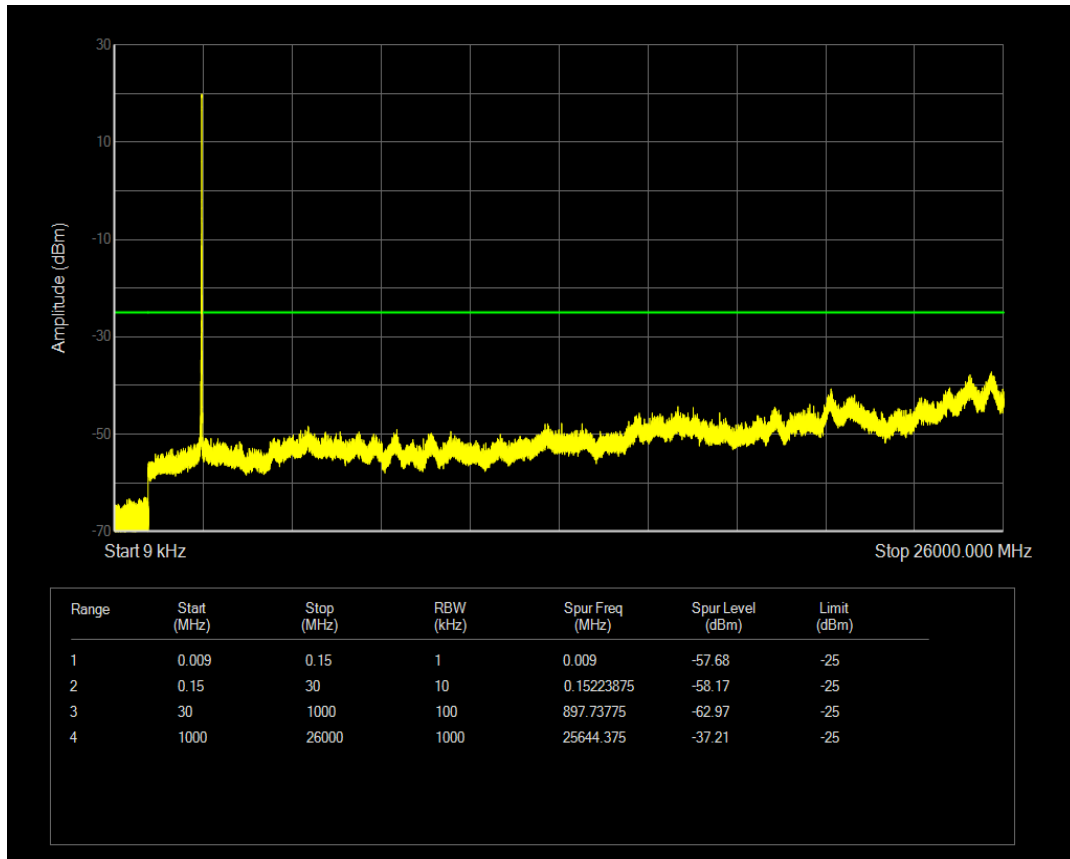


Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2570	2571	430	2570.099	-27.06	-10
2	2571	2575	1000	2571.804	-24.87	-10
3	2575	2590	1000	2575.63	-26.21	-13
4	2590	2595	1000	2590.03	-39.73	-25

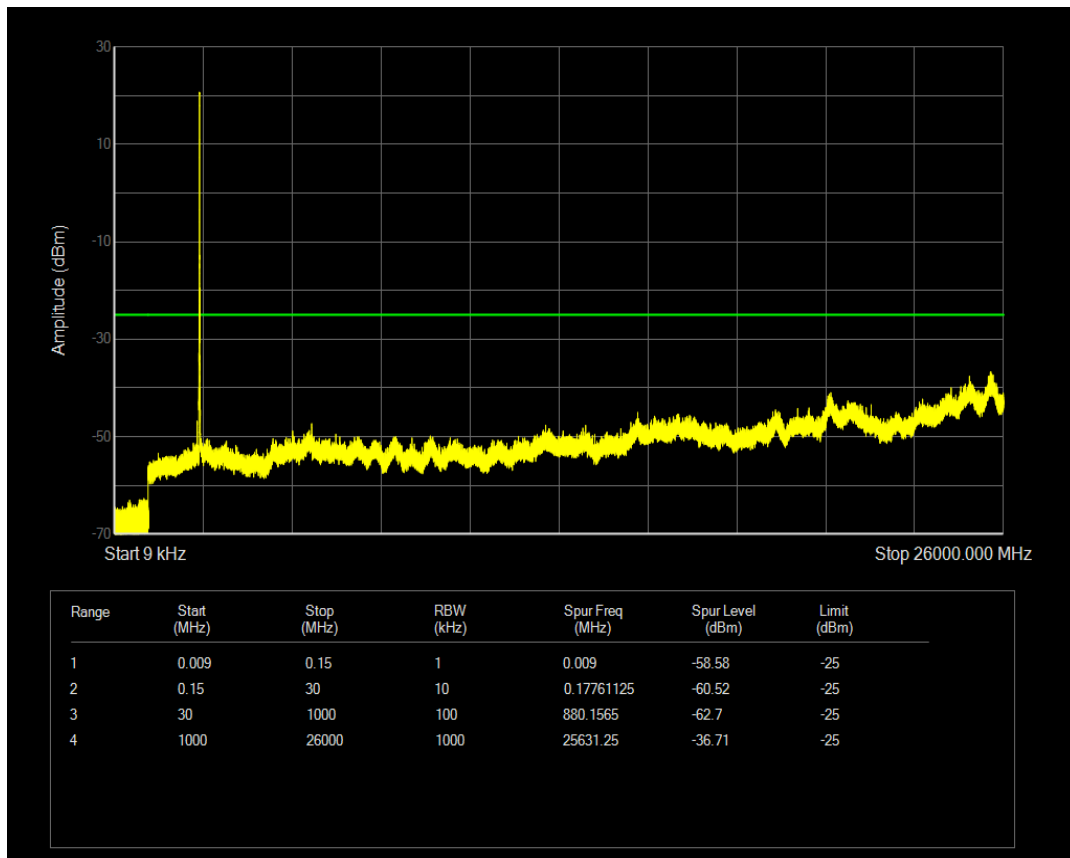
Appendix 6. Out-of-band emissions

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	25631.25	-36.71	-25	PASS
Band7	5	20775	25	#0	16QAM	25645.00	-37.29	-25	PASS
Band7	5	21100	25	#0	QPSK	25649.38	-37.12	-25	PASS
Band7	5	21100	25	#0	16QAM	25676.25	-37.19	-25	PASS
Band7	5	21425	25	#0	QPSK	25644.38	-37.21	-25	PASS
Band7	5	21425	25	#0	16QAM	25019.38	-37.50	-25	PASS
Band7	10	20800	50	#0	QPSK	25675.63	-35.88	-25	PASS
Band7	10	20800	50	#0	16QAM	25599.38	-36.93	-25	PASS
Band7	10	21100	50	#0	QPSK	25595.00	-36.94	-25	PASS
Band7	10	21100	50	#0	16QAM	25638.75	-36.77	-25	PASS
Band7	10	21400	50	#0	QPSK	25701.25	-36.85	-25	PASS
Band7	10	21400	50	#0	16QAM	25715.00	-37.17	-25	PASS
Band7	15	20825	75	#0	QPSK	25710.63	-37.11	-25	PASS
Band7	15	20825	75	#0	16QAM	25559.38	-37.49	-25	PASS
Band7	15	21100	75	#0	QPSK	25590.63	-37.05	-25	PASS
Band7	15	21100	75	#0	16QAM	25656.88	-36.57	-25	PASS
Band7	15	21375	75	#0	QPSK	25630.63	-36.53	-25	PASS
Band7	15	21375	75	#0	16QAM	25635.00	-37.11	-25	PASS
Band7	20	20850	100	#0	QPSK	25555.00	-37.10	-25	PASS
Band7	20	20850	100	#0	16QAM	25565.00	-36.71	-25	PASS
Band7	20	21100	100	#0	QPSK	25636.88	-37.23	-25	PASS
Band7	20	21100	100	#0	16QAM	25675.00	-36.64	-25	PASS
Band7	20	21350	100	#0	QPSK	25624.38	-37.72	-25	PASS
Band7	20	21350	100	#0	16QAM	25621.88	-37.11	-25	PASS

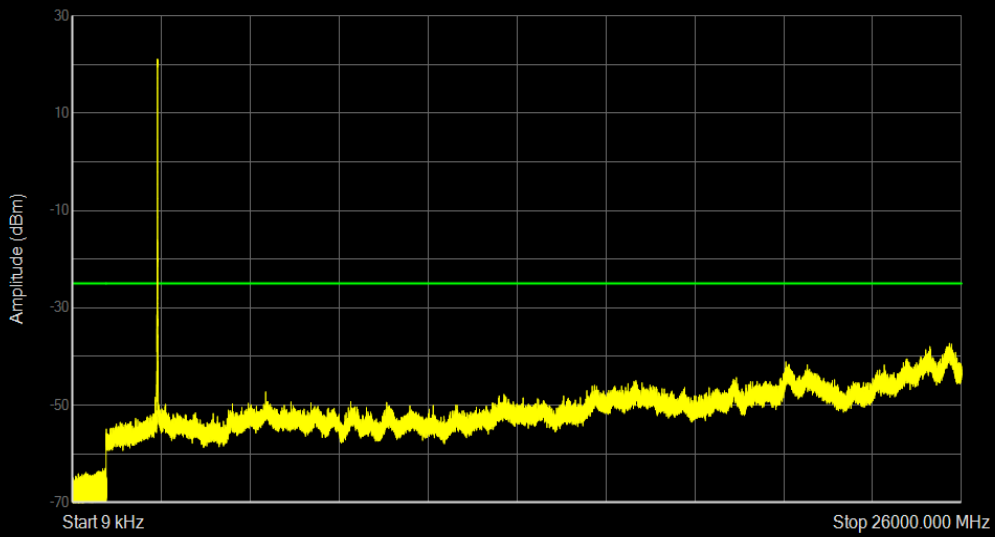
Band7 QPSK BW=5MHz Channel=21425 RB Size=25 Position=#0



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

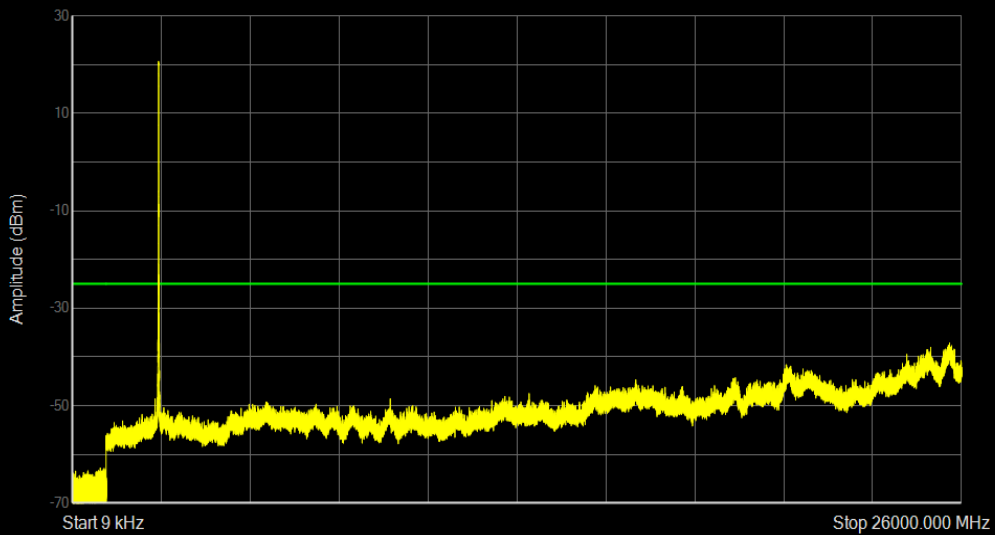


Band7 16QAM BW=5MHz Channel=20775 RB Size=25 Position=#0



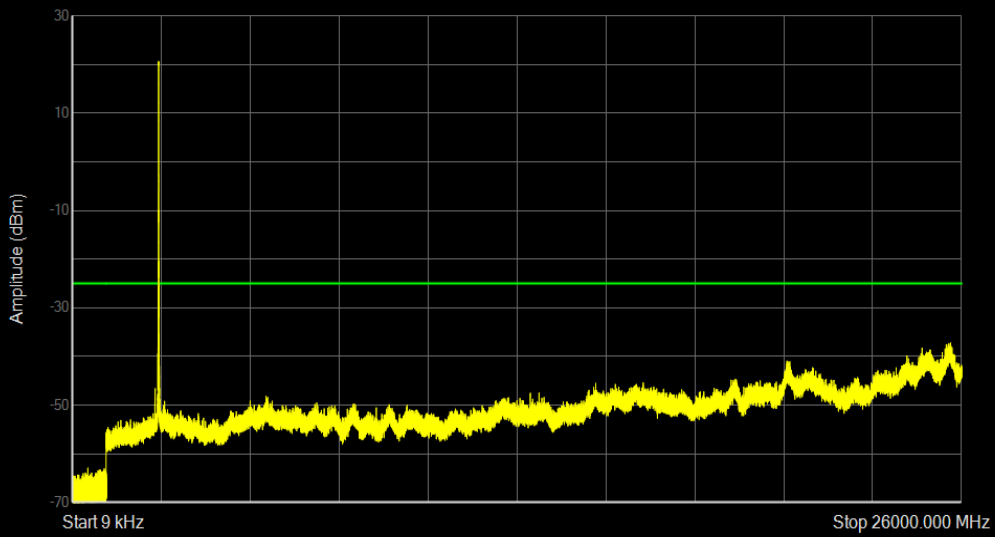
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.010582725	-59.46	-25
2	0.15	30	10	0.1544775	-60.45	-25
3	30	1000	100	978.3205	-62.95	-25
4	1000	26000	1000	25645	-37.29	-25

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



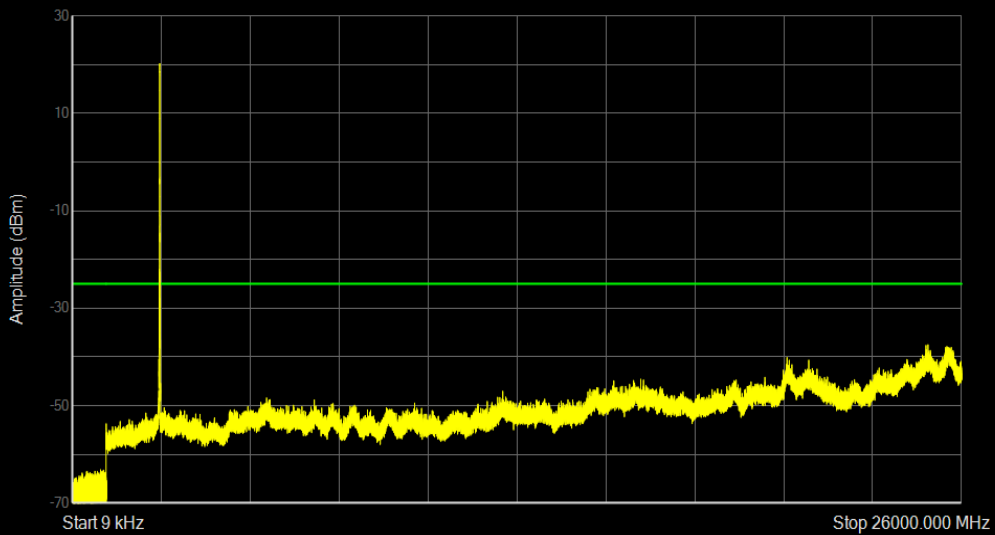
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0119892	-58.78	-25
2	0.15	30	10	0.152985	-59.25	-25
3	30	1000	100	833.4995	-62.79	-25
4	1000	26000	1000	25649.375	-37.12	-25

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



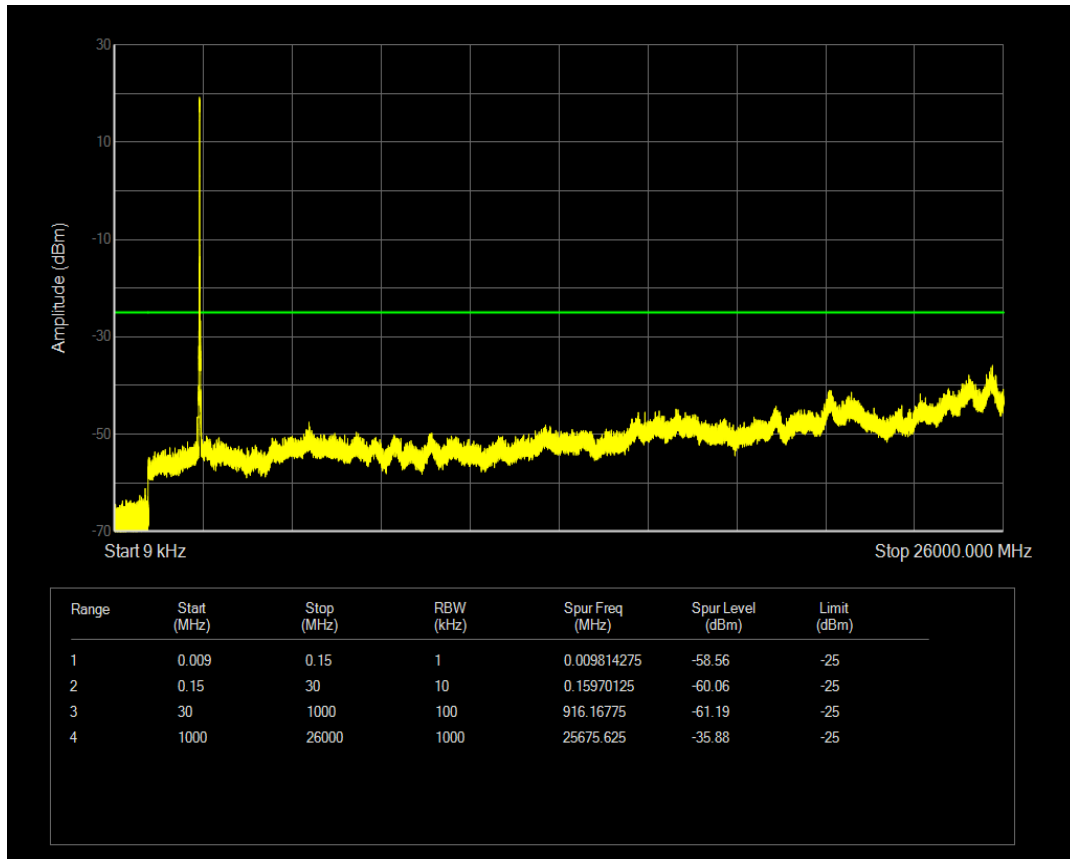
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-55.73	-25
2	0.15	30	10	0.15	-59.84	-25
3	30	1000	100	468.3915	-62.94	-25
4	1000	26000	1000	25676.25	-37.19	-25

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

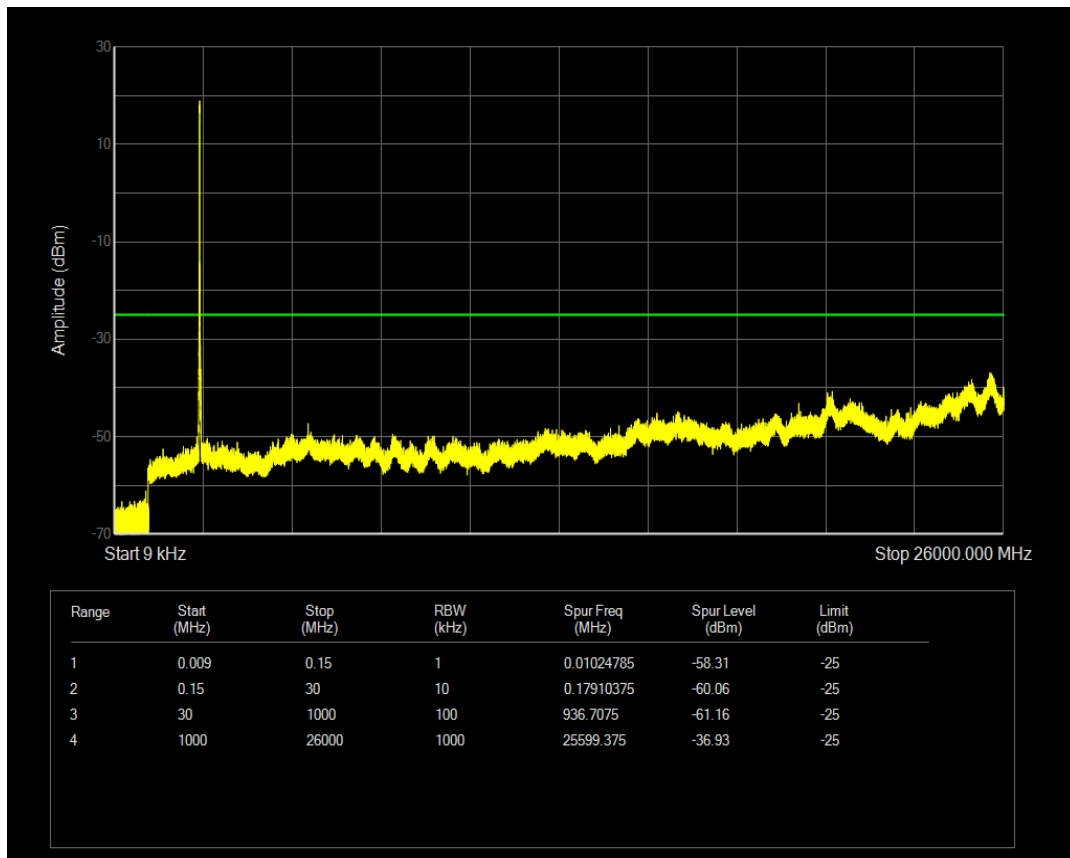


Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009045825	-57.58	-25
2	0.15	30	10	0.164925	-59.76	-25
3	30	1000	100	839.34375	-63.17	-25
4	1000	26000	1000	25019.375	-37.5	-25

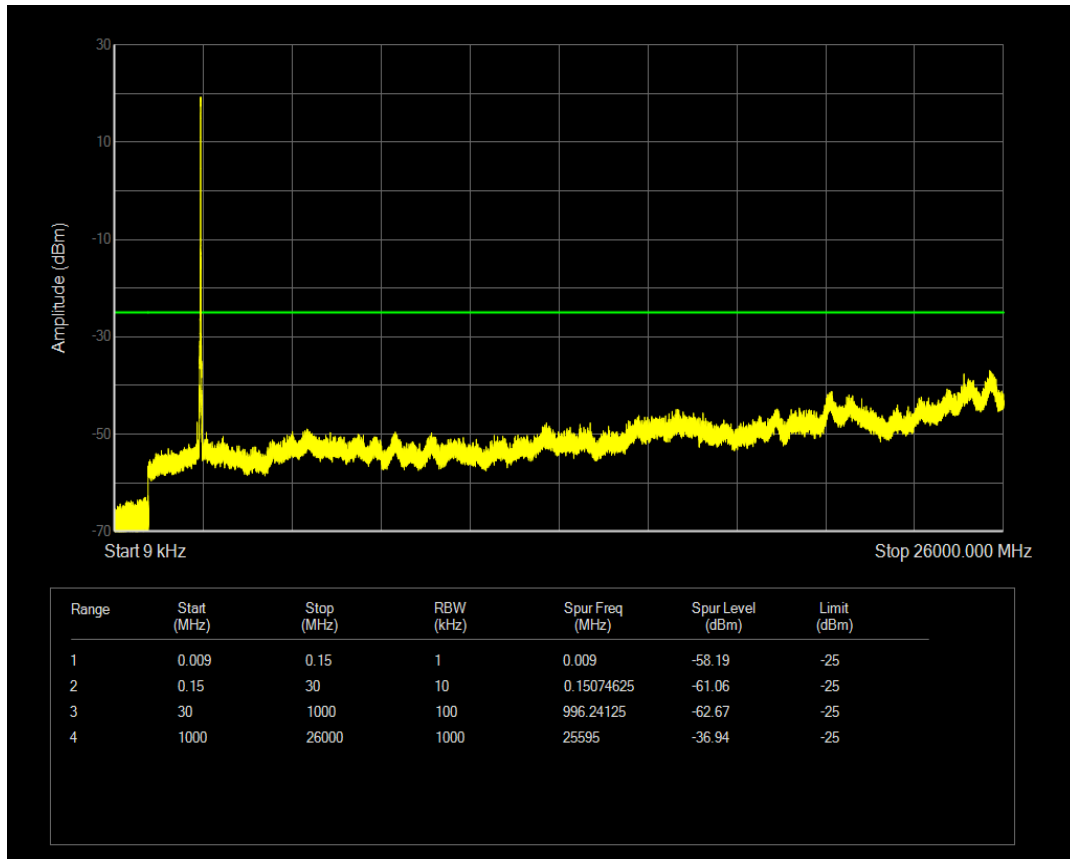
Band7 QPSK BW=10MHz Channel=20800 RB Size=50 Position=#0



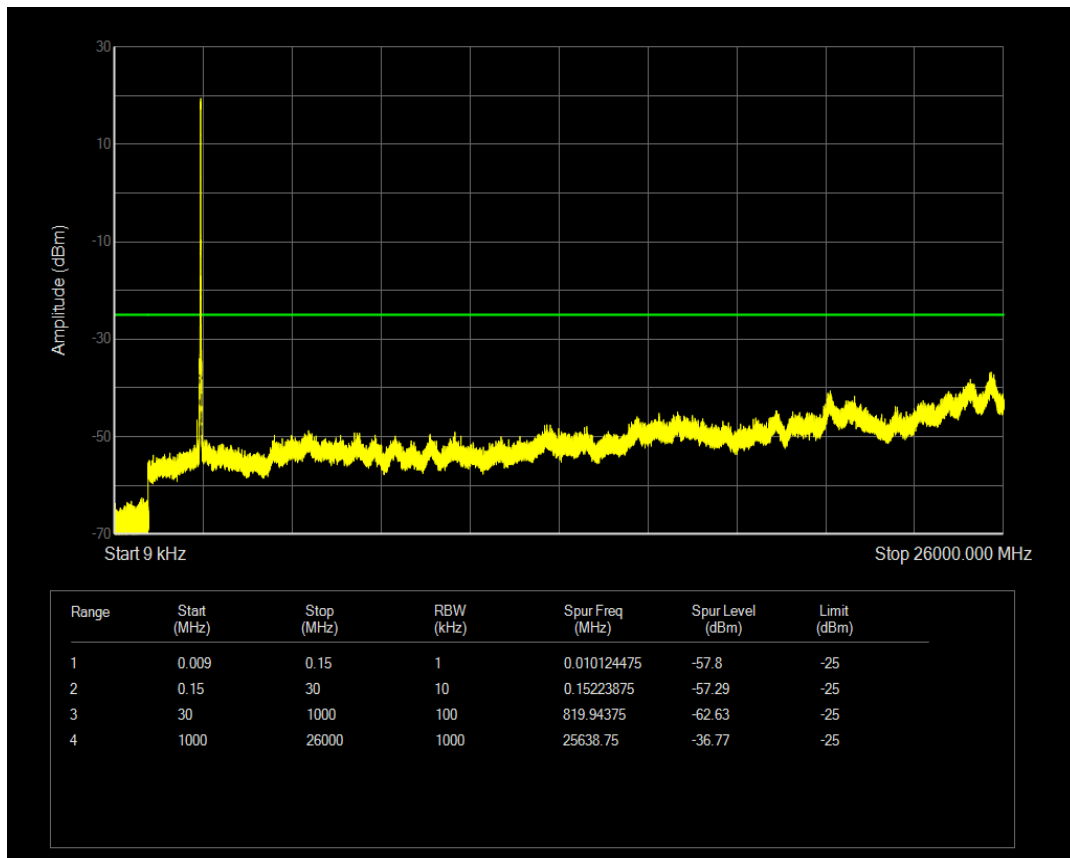
Band7 16QAM BW=10MHz Channel=20800 RB Size=50 Position=#0



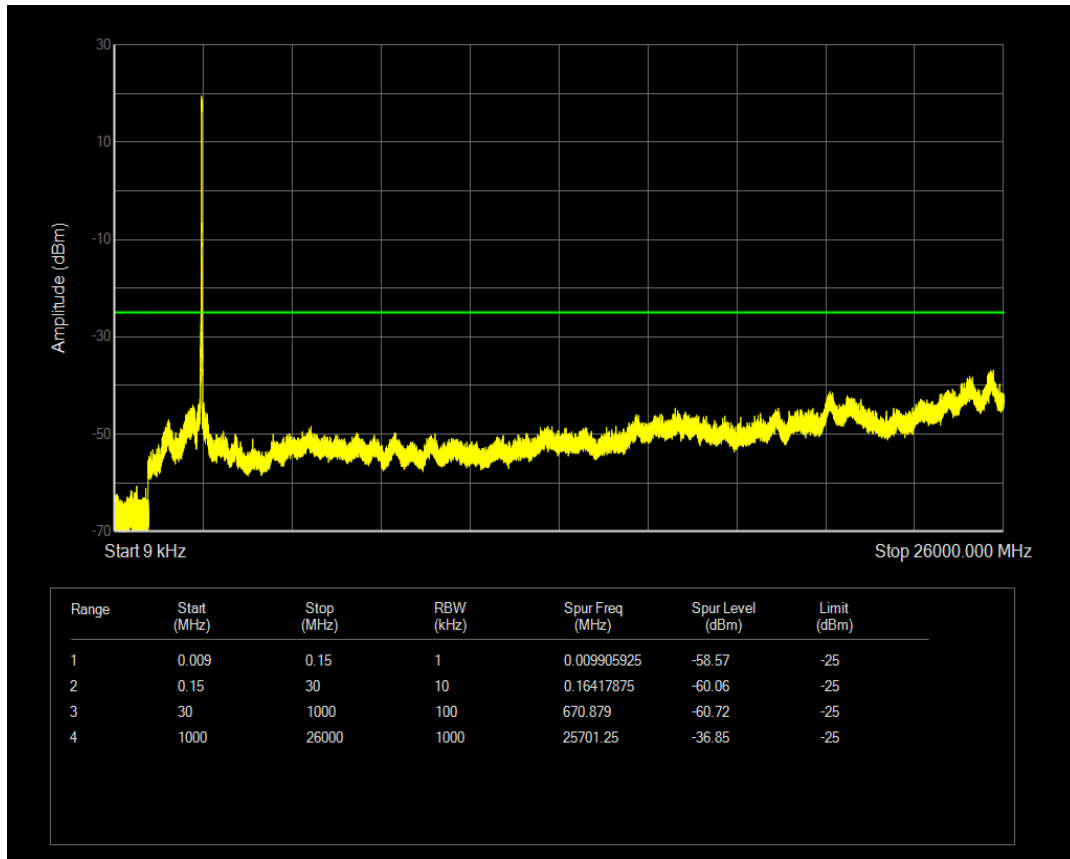
Band7 QPSK BW=10MHz Channel=21100 RB Size=50 Position=#0



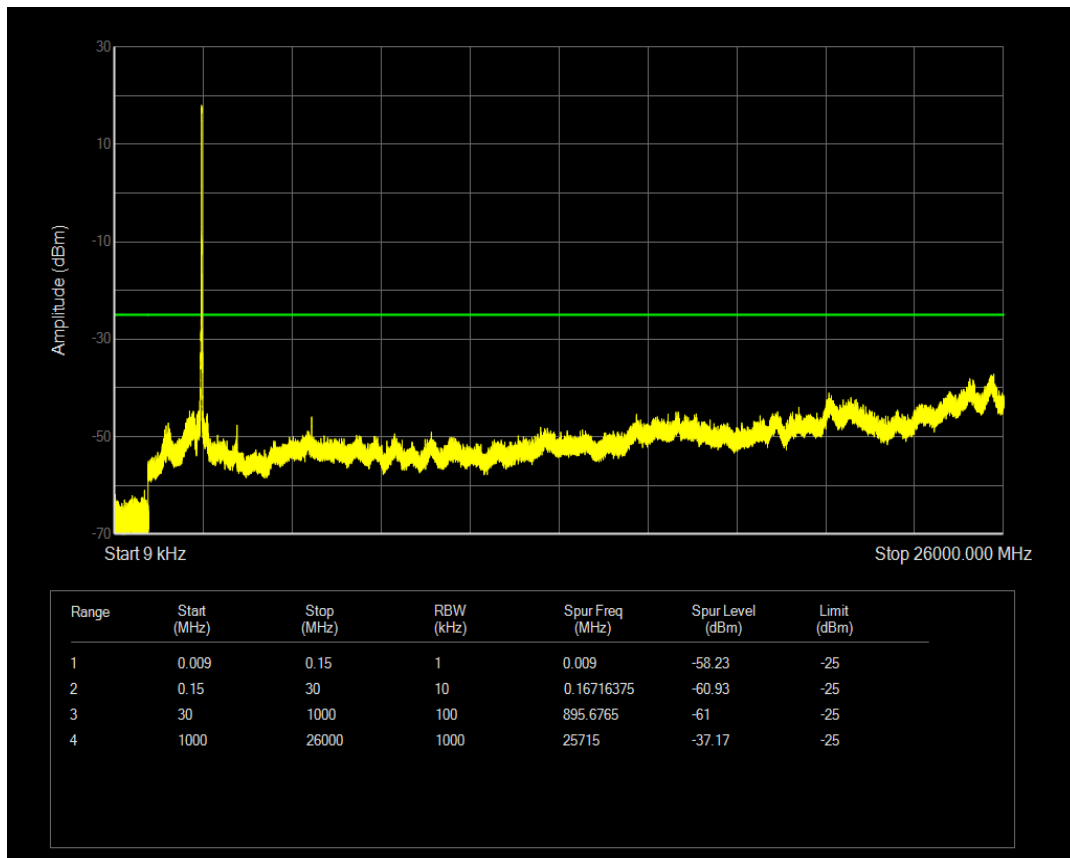
Band7 16QAM BW=10MHz Channel=21100 RB Size=50 Position=#0



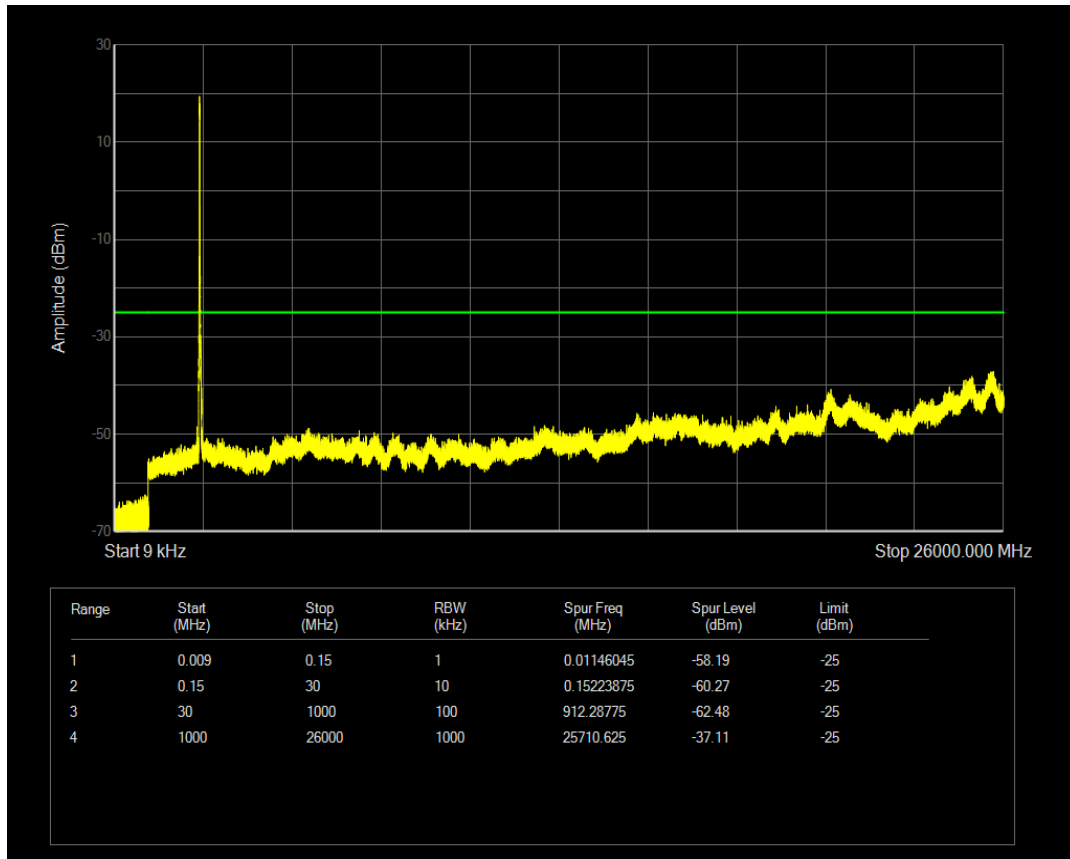
Band7 QPSK BW=10MHz Channel=21400 RB Size=50 Position=#0



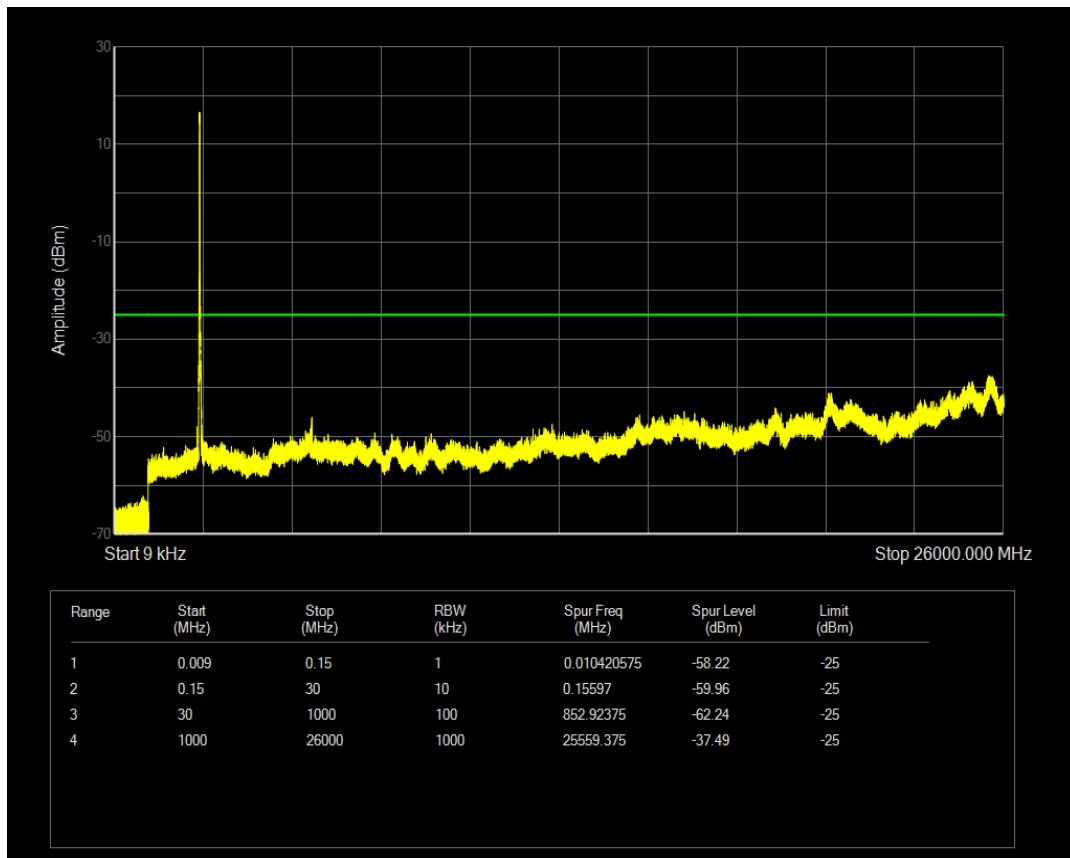
Band7 16QAM BW=10MHz Channel=21400 RB Size=50 Position=#0



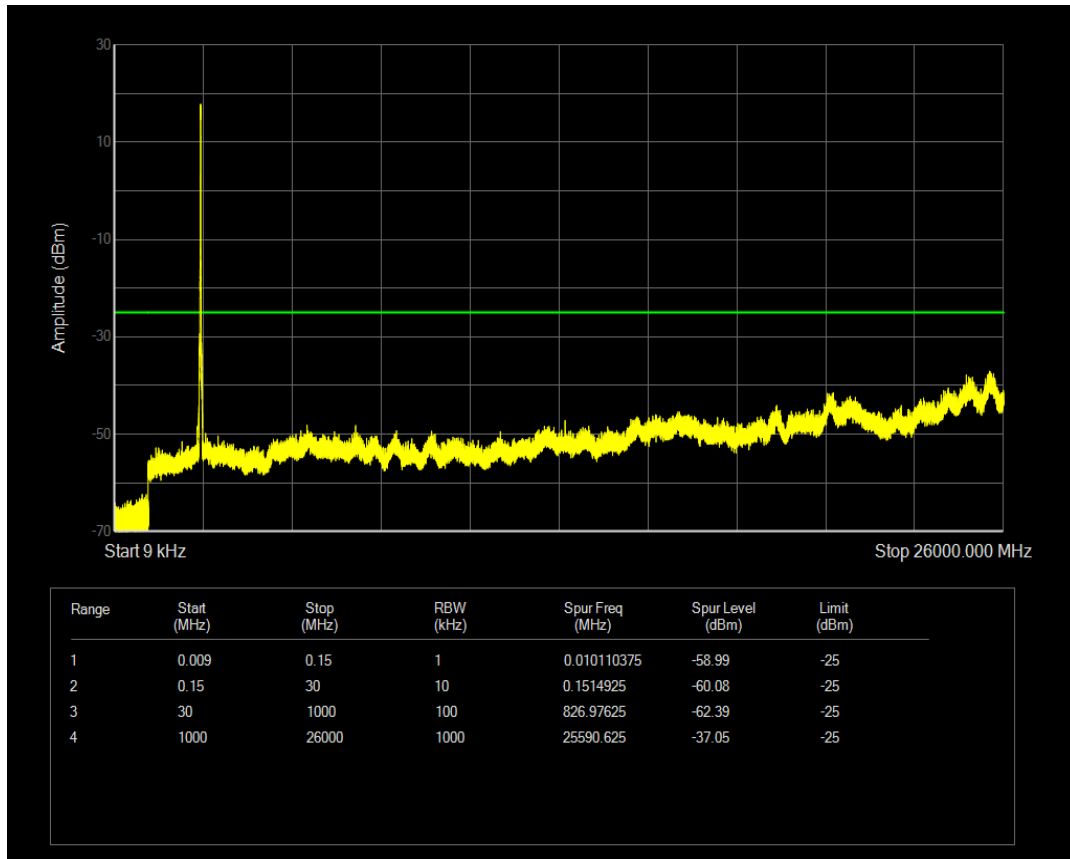
Band7 QPSK BW=15MHz Channel=20825 RB Size=75 Position=#0



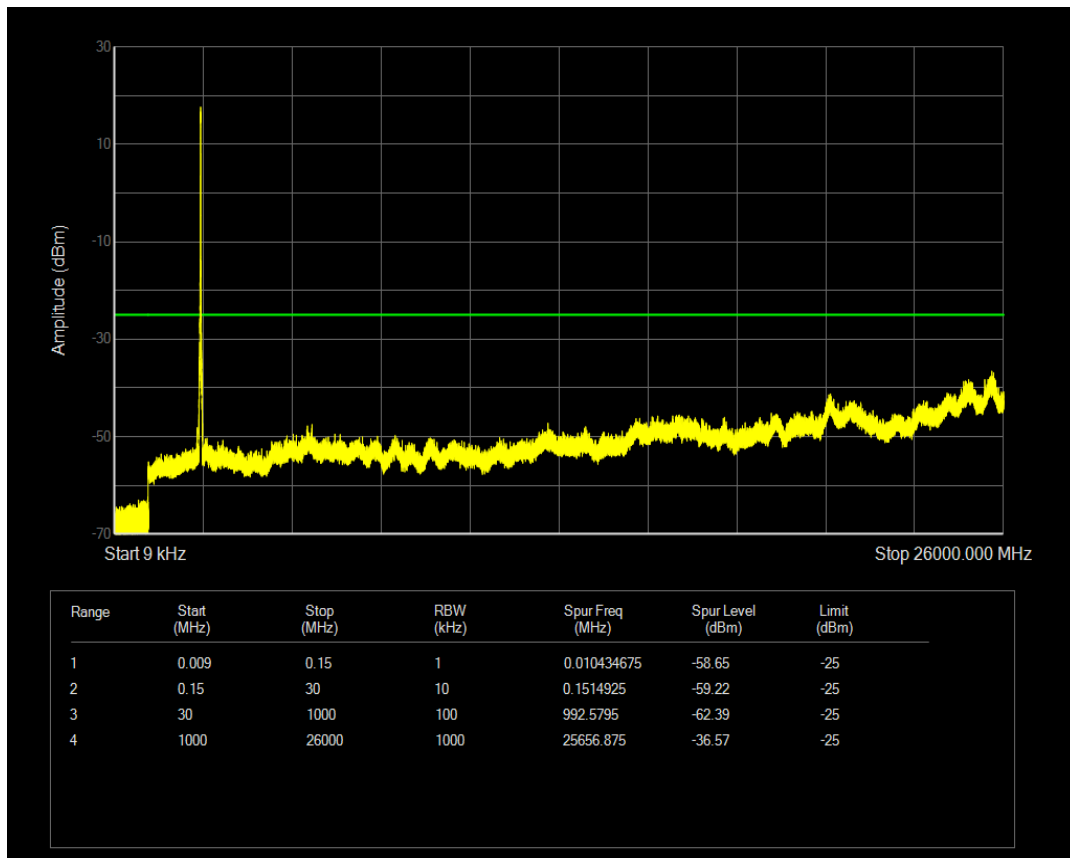
Band7 16QAM BW=15MHz Channel=20825 RB Size=75 Position=#0



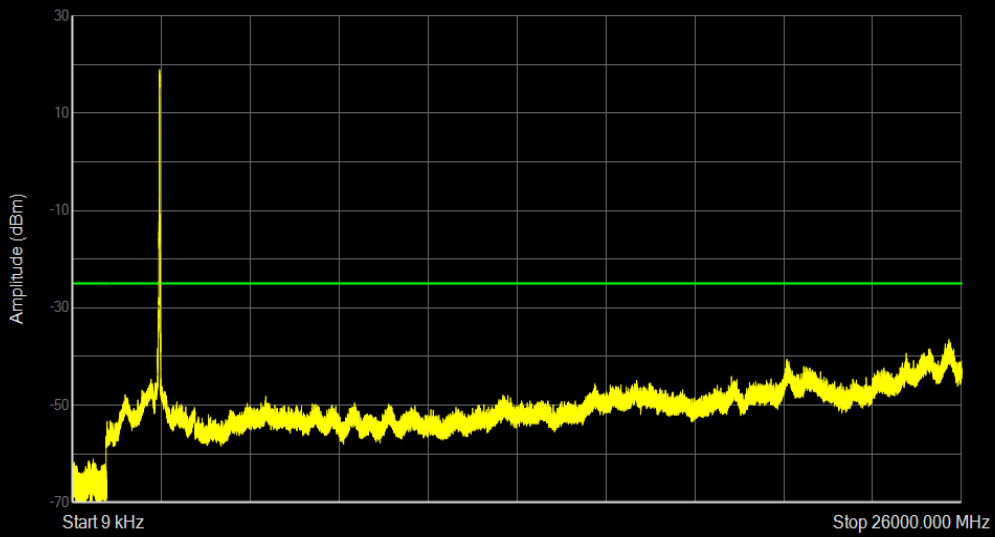
Band7 QPSK BW=15MHz Channel=21100 RB Size=75 Position=#0



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

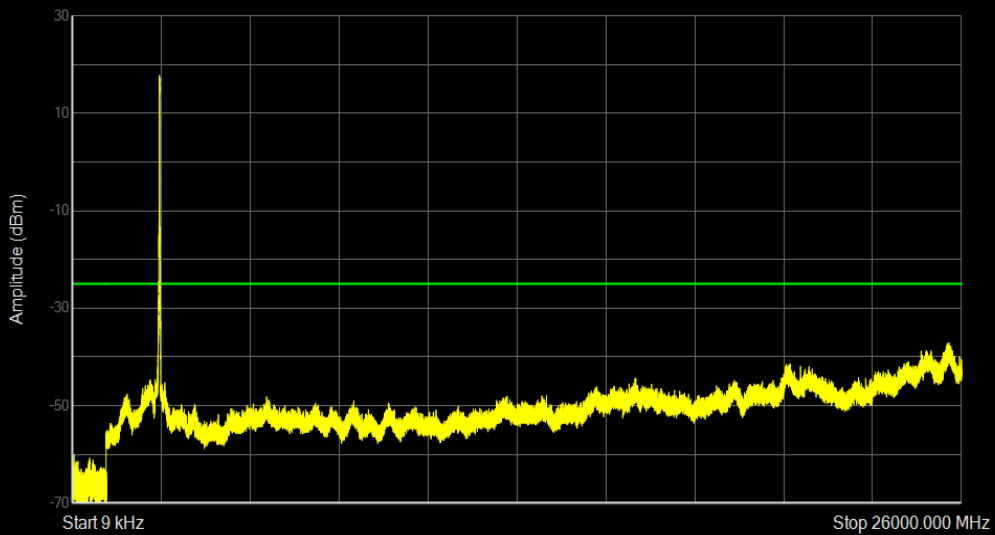


Band7 QPSK BW=15MHz Channel=21375 RB Size=75 Position=#0



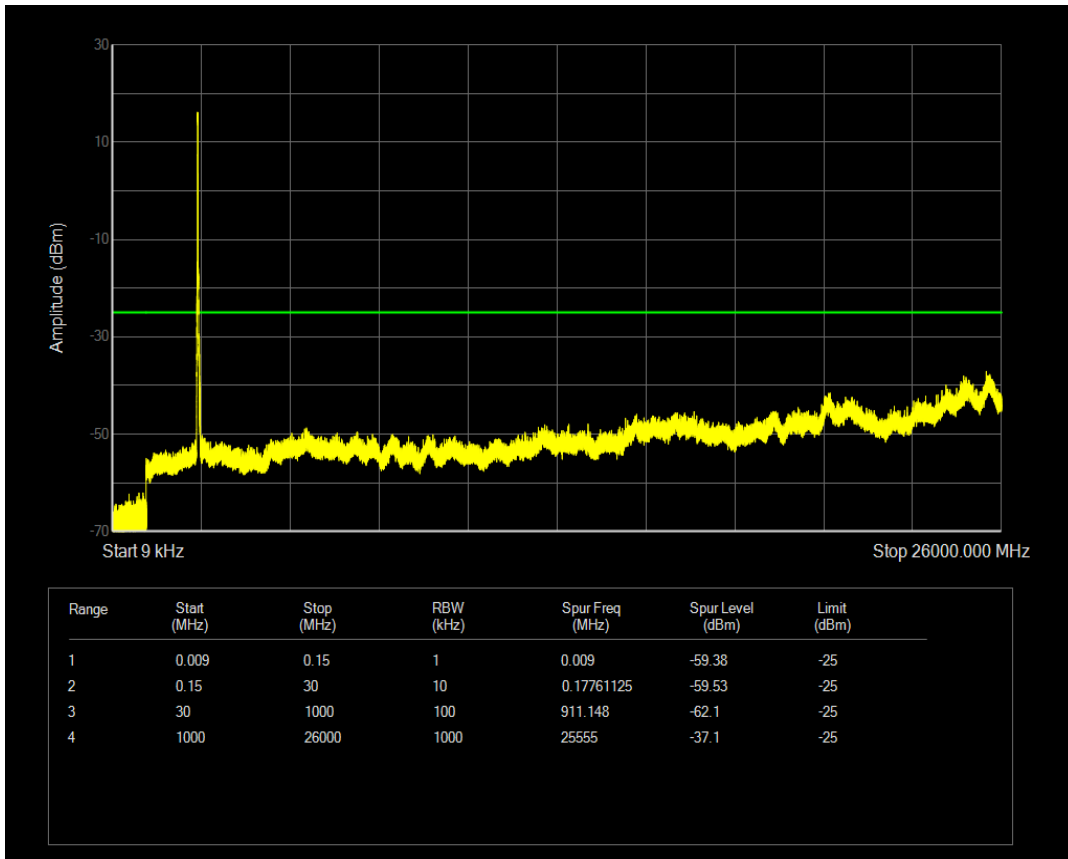
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.012711825	-59.61	-25
2	0.15	30	10	0.15970125	-58.29	-25
3	30	1000	100	625.16775	-61.11	-25
4	1000	26000	1000	25630.625	-36.53	-25

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

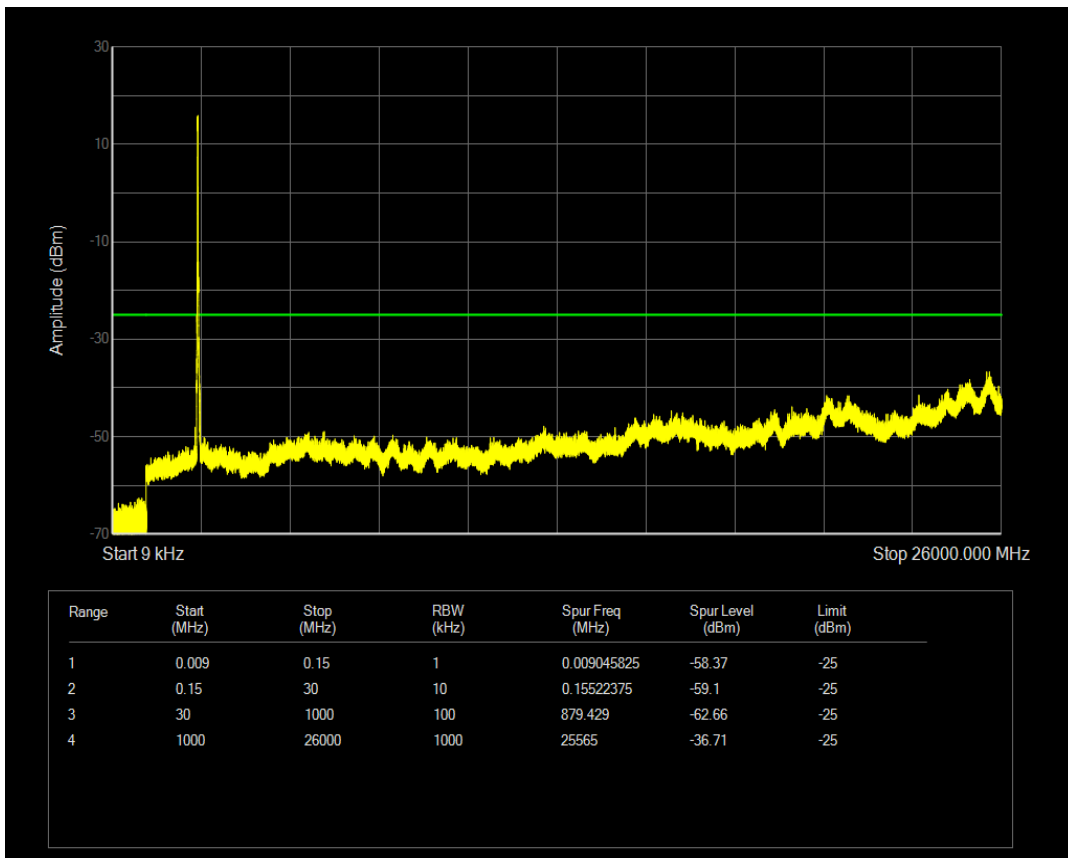


Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009898875	-58.54	-25
2	0.15	30	10	0.158955	-59.89	-25
3	30	1000	100	63.659	-60.14	-25
4	1000	26000	1000	25635	-37.11	-25

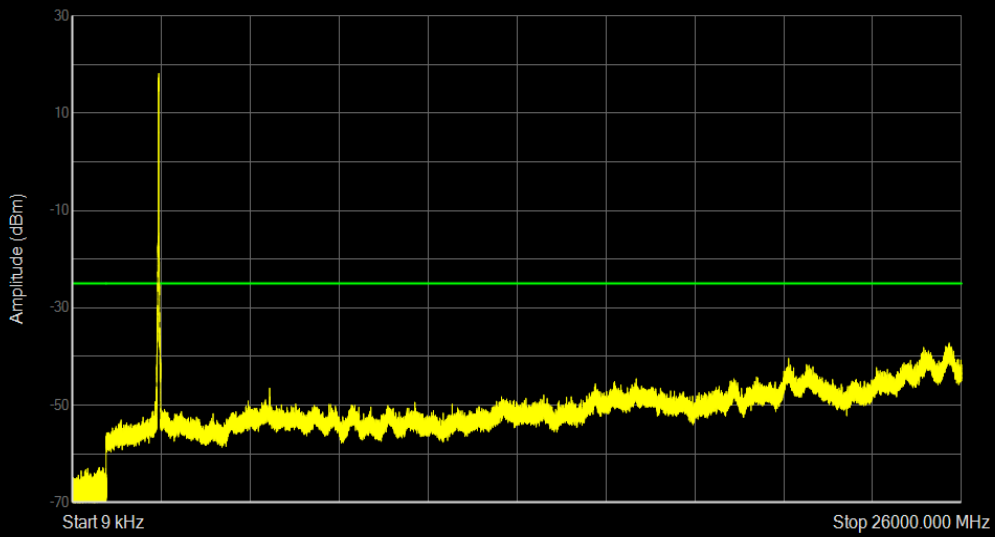
Band7 QPSK BW=20MHz Channel=20850 RB Size=100 Position=#0



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

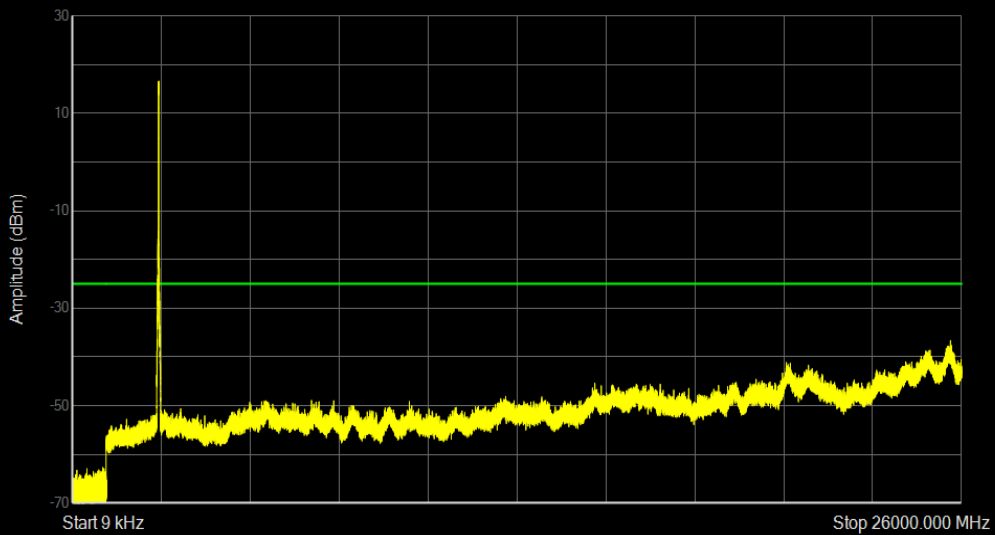


Band7 QPSK BW=20MHz Channel=21100 RB Size=100 Position=#0



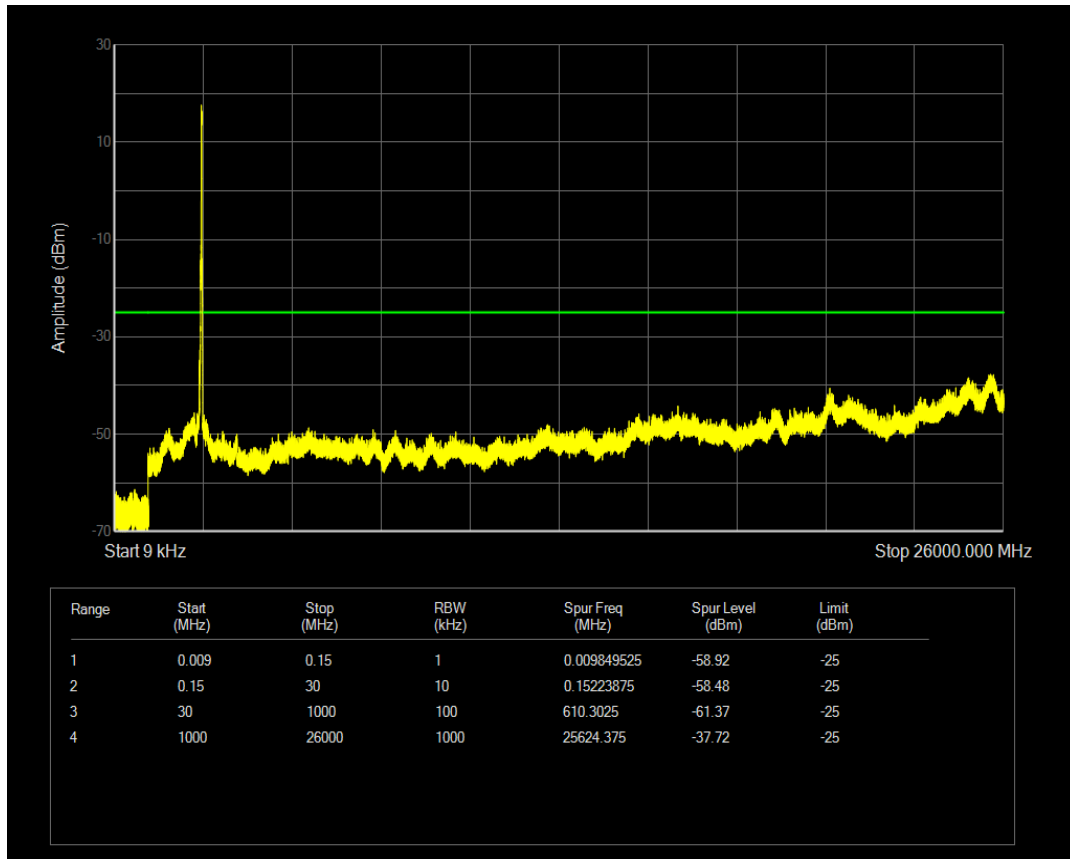
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.012183075	-58.09	-25
2	0.15	30	10	0.152985	-59.22	-25
3	30	1000	100	800.78625	-62.84	-25
4	1000	26000	1000	25636.875	-37.23	-25

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



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-56.52	-25
2	0.15	30	10	0.1604475	-60.05	-25
3	30	1000	100	902.806	-62.69	-25
4	1000	26000	1000	25675	-36.64	-25

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



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

