

# Appendix for Band 7

Report No.: BCTC2411327947-6E

---

Applicant: SHENZHEN YUNJI INTELLIGENT TECHNOLOGY  
CO.,LTD

---

Product Name: Smart Phone

---

Test Model: C59

---

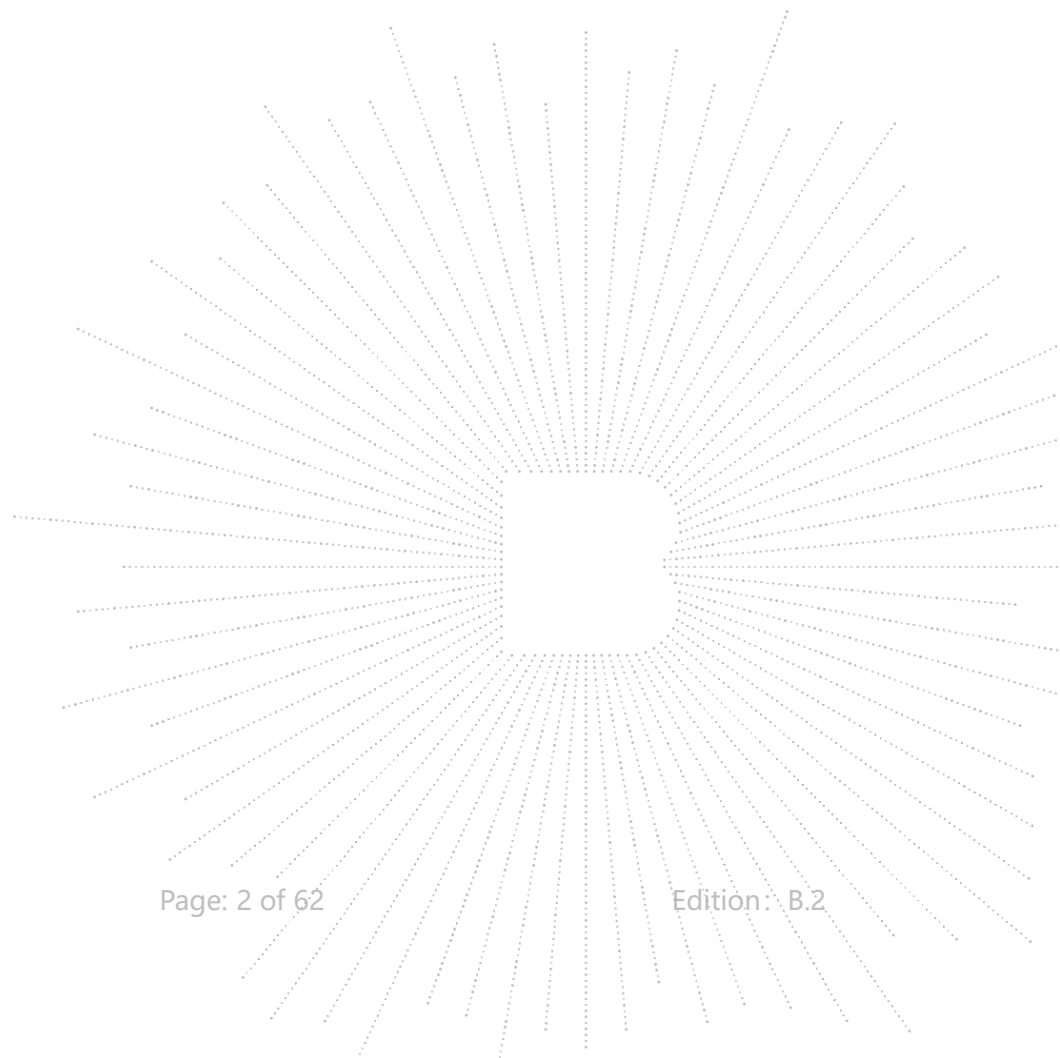
Tested Date: 2024-11-22 to 2025-02-25

---

**Shenzhen BCTC Testing Co., Ltd.**

## Contents

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



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

### Measurement

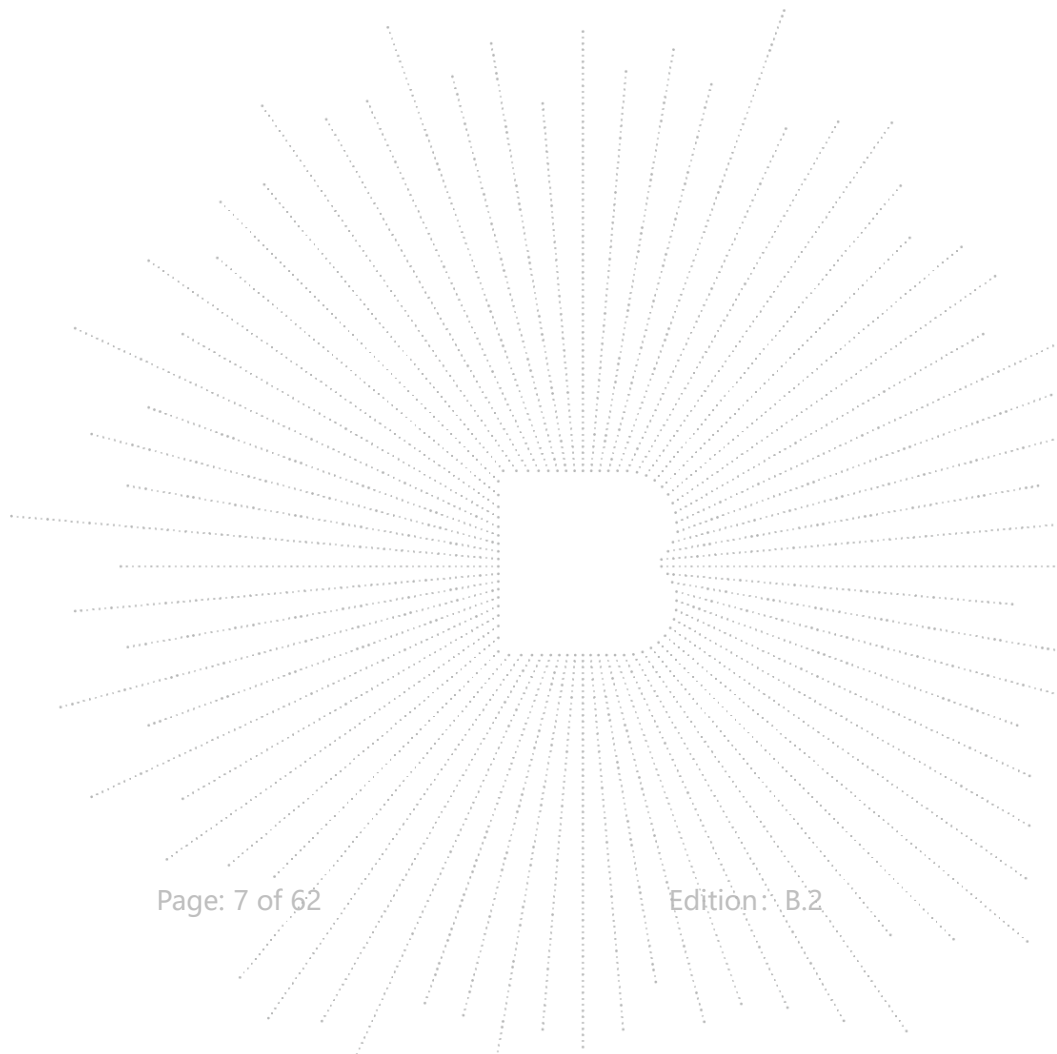
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Gain (dBm)	EIRP (dBm)	Verdict
Band7	5	20775	1	#0	QPSK	23.49	2.3	25.79	PASS
Band7	5	20775	1	#Mid	QPSK	23.45	2.3	25.75	PASS
Band7	5	20775	1	#Max	QPSK	23.44	2.3	25.74	PASS
Band7	5	20775	12	#0	QPSK	22.39	2.3	24.69	PASS
Band7	5	20775	12	#Mid	QPSK	22.46	2.3	24.76	PASS
Band7	5	20775	12	#Max	QPSK	22.37	2.3	24.67	PASS
Band7	5	20775	25	#0	QPSK	22.42	2.3	24.72	PASS
Band7	5	20775	1	#0	16QAM	21.67	2.3	23.97	PASS
Band7	5	20775	1	#Mid	16QAM	21.60	2.3	23.90	PASS
Band7	5	20775	1	#Max	16QAM	21.61	2.3	23.91	PASS
Band7	5	20775	12	#0	16QAM	21.29	2.3	23.59	PASS
Band7	5	20775	12	#Mid	16QAM	21.31	2.3	23.61	PASS
Band7	5	20775	12	#Max	16QAM	21.29	2.3	23.59	PASS
Band7	5	20775	25	#0	16QAM	21.47	2.3	23.77	PASS
Band7	5	21100	1	#0	QPSK	22.93	2.3	25.23	PASS
Band7	5	21100	1	#Mid	QPSK	22.84	2.3	25.14	PASS
Band7	5	21100	1	#Max	QPSK	22.85	2.3	25.15	PASS
Band7	5	21100	12	#0	QPSK	22.05	2.3	24.35	PASS
Band7	5	21100	12	#Mid	QPSK	21.94	2.3	24.24	PASS
Band7	5	21100	12	#Max	QPSK	21.93	2.3	24.23	PASS
Band7	5	21100	25	#0	QPSK	21.92	2.3	24.22	PASS
Band7	5	21100	1	#0	16QAM	21.59	2.3	23.89	PASS
Band7	5	21100	1	#Mid	16QAM	21.47	2.3	23.77	PASS
Band7	5	21100	1	#Max	16QAM	21.45	2.3	23.75	PASS
Band7	5	21100	12	#0	16QAM	20.99	2.3	23.29	PASS
Band7	5	21100	12	#Mid	16QAM	20.94	2.3	23.24	PASS
Band7	5	21100	12	#Max	16QAM	20.91	2.3	23.21	PASS
Band7	5	21100	25	#0	16QAM	20.95	2.3	23.25	PASS
Band7	5	21425	1	#0	QPSK	22.22	2.3	24.52	PASS
Band7	5	21425	1	#Mid	QPSK	22.31	2.3	24.61	PASS
Band7	5	21425	1	#Max	QPSK	22.26	2.3	24.56	PASS
Band7	5	21425	12	#0	QPSK	21.37	2.3	23.67	PASS
Band7	5	21425	12	#Mid	QPSK	21.36	2.3	23.66	PASS
Band7	5	21425	12	#Max	QPSK	21.32	2.3	23.62	PASS
Band7	5	21425	25	#0	QPSK	21.35	2.3	23.65	PASS
Band7	5	21425	1	#0	16QAM	20.89	2.3	23.19	PASS

Band7	5	21425	1	#Mid	16QAM	20.86	2.3	23.16	PASS
Band7	5	21425	1	#Max	16QAM	20.78	2.3	23.08	PASS
Band7	5	21425	12	#0	16QAM	20.23	2.3	22.53	PASS
Band7	5	21425	12	#Mid	16QAM	20.20	2.3	22.50	PASS
Band7	5	21425	12	#Max	16QAM	20.19	2.3	22.49	PASS
Band7	5	21425	25	#0	16QAM	20.48	2.3	22.78	PASS
Band7	10	20800	1	#0	QPSK	23.34	2.3	25.64	PASS
Band7	10	20800	1	#Mid	QPSK	23.31	2.3	25.61	PASS
Band7	10	20800	1	#Max	QPSK	23.30	2.3	25.60	PASS
Band7	10	20800	25	#0	QPSK	22.48	2.3	24.78	PASS
Band7	10	20800	25	#Mid	QPSK	22.34	2.3	24.64	PASS
Band7	10	20800	25	#Max	QPSK	22.42	2.3	24.72	PASS
Band7	10	20800	50	#0	QPSK	22.43	2.3	24.73	PASS
Band7	10	20800	1	#0	16QAM	22.93	2.3	25.23	PASS
Band7	10	20800	1	#Mid	16QAM	22.90	2.3	25.20	PASS
Band7	10	20800	1	#Max	16QAM	22.90	2.3	25.20	PASS
Band7	10	20800	25	#0	16QAM	21.33	2.3	23.63	PASS
Band7	10	20800	25	#Mid	16QAM	21.32	2.3	23.62	PASS
Band7	10	20800	25	#Max	16QAM	21.34	2.3	23.64	PASS
Band7	10	20800	50	#0	16QAM	21.37	2.3	23.67	PASS
Band7	10	21100	1	#0	QPSK	23.14	2.3	25.44	PASS
Band7	10	21100	1	#Mid	QPSK	23.00	2.3	25.30	PASS
Band7	10	21100	1	#Max	QPSK	22.97	2.3	25.27	PASS
Band7	10	21100	25	#0	QPSK	22.00	2.3	24.30	PASS
Band7	10	21100	25	#Mid	QPSK	21.86	2.3	24.16	PASS
Band7	10	21100	25	#Max	QPSK	21.93	2.3	24.23	PASS
Band7	10	21100	50	#0	QPSK	21.97	2.3	24.27	PASS
Band7	10	21100	1	#0	16QAM	21.47	2.3	23.77	PASS
Band7	10	21100	1	#Mid	16QAM	21.38	2.3	23.68	PASS
Band7	10	21100	1	#Max	16QAM	21.37	2.3	23.67	PASS
Band7	10	21100	25	#0	16QAM	21.04	2.3	23.34	PASS
Band7	10	21100	25	#Mid	16QAM	21.02	2.3	23.32	PASS
Band7	10	21100	25	#Max	16QAM	20.98	2.3	23.28	PASS
Band7	10	21100	50	#0	16QAM	21.05	2.3	23.35	PASS
Band7	10	21400	1	#0	QPSK	22.53	2.3	24.83	PASS
Band7	10	21400	1	#Mid	QPSK	22.44	2.3	24.74	PASS
Band7	10	21400	1	#Max	QPSK	22.36	2.3	24.66	PASS
Band7	10	21400	25	#0	QPSK	21.34	2.3	23.64	PASS
Band7	10	21400	25	#Mid	QPSK	21.27	2.3	23.57	PASS
Band7	10	21400	25	#Max	QPSK	21.37	2.3	23.67	PASS
Band7	10	21400	50	#0	QPSK	21.34	2.3	23.64	PASS
Band7	10	21400	1	#0	16QAM	20.90	2.3	23.20	PASS
Band7	10	21400	1	#Mid	16QAM	20.82	2.3	23.12	PASS

Band7	10	21400	1	#Max	16QAM	20.71	2.3	23.01	PASS
Band7	10	21400	25	#0	16QAM	20.42	2.3	22.72	PASS
Band7	10	21400	25	#Mid	16QAM	20.41	2.3	22.71	PASS
Band7	10	21400	25	#Max	16QAM	20.36	2.3	22.66	PASS
Band7	10	21400	50	#0	16QAM	20.39	2.3	22.69	PASS
Band7	15	20825	1	#0	QPSK	22.35	2.3	24.65	PASS
Band7	15	20825	1	#Mid	QPSK	23.27	2.3	25.57	PASS
Band7	15	20825	1	#Max	QPSK	23.21	2.3	25.51	PASS
Band7	15	20825	36	#0	QPSK	22.35	2.3	24.65	PASS
Band7	15	20825	36	#Mid	QPSK	22.32	2.3	24.62	PASS
Band7	15	20825	36	#Max	QPSK	22.24	2.3	24.54	PASS
Band7	15	20825	75	#0	QPSK	22.24	2.3	24.54	PASS
Band7	15	20825	1	#0	16QAM	22.89	2.3	25.19	PASS
Band7	15	20825	1	#Mid	16QAM	22.83	2.3	25.13	PASS
Band7	15	20825	1	#Max	16QAM	22.73	2.3	25.03	PASS
Band7	15	20825	36	#0	16QAM	21.40	2.3	23.70	PASS
Band7	15	20825	36	#Mid	16QAM	21.39	2.3	23.69	PASS
Band7	15	20825	36	#Max	16QAM	21.28	2.3	23.58	PASS
Band7	15	20825	75	#0	16QAM	21.37	2.3	23.67	PASS
Band7	15	21100	1	#0	QPSK	23.21	2.3	25.51	PASS
Band7	15	21100	1	#Mid	QPSK	22.95	2.3	25.25	PASS
Band7	15	21100	1	#Max	QPSK	22.82	2.3	25.12	PASS
Band7	15	21100	36	#0	QPSK	21.95	2.3	24.25	PASS
Band7	15	21100	36	#Mid	QPSK	21.94	2.3	24.24	PASS
Band7	15	21100	36	#Max	QPSK	21.86	2.3	24.16	PASS
Band7	15	21100	75	#0	QPSK	21.82	2.3	24.12	PASS
Band7	15	21100	1	#0	16QAM	21.64	2.3	23.94	PASS
Band7	15	21100	1	#Mid	16QAM	21.44	2.3	23.74	PASS
Band7	15	21100	1	#Max	16QAM	21.33	2.3	23.63	PASS
Band7	15	21100	36	#0	16QAM	21.17	2.3	23.47	PASS
Band7	15	21100	36	#Mid	16QAM	21.10	2.3	23.40	PASS
Band7	15	21100	36	#Max	16QAM	20.92	2.3	23.22	PASS
Band7	15	21100	75	#0	16QAM	20.89	2.3	23.19	PASS
Band7	15	21375	1	#0	QPSK	22.61	2.3	24.91	PASS
Band7	15	21375	1	#Mid	QPSK	22.51	2.3	24.81	PASS
Band7	15	21375	1	#Max	QPSK	22.41	2.3	24.71	PASS
Band7	15	21375	36	#0	QPSK	21.49	2.3	23.79	PASS
Band7	15	21375	36	#Mid	QPSK	21.37	2.3	23.67	PASS
Band7	15	21375	36	#Max	QPSK	21.28	2.3	23.58	PASS
Band7	15	21375	75	#0	QPSK	21.36	2.3	23.66	PASS
Band7	15	21375	1	#0	16QAM	21.84	2.3	24.14	PASS
Band7	15	21375	1	#Mid	16QAM	21.66	2.3	23.96	PASS
Band7	15	21375	1	#Max	16QAM	21.58	2.3	23.88	PASS

Band7	15	21375	36	#0	16QAM	20.54	2.3	22.84	PASS
Band7	15	21375	36	#Mid	16QAM	20.46	2.3	22.76	PASS
Band7	15	21375	36	#Max	16QAM	20.29	2.3	22.59	PASS
Band7	15	21375	75	#0	16QAM	20.58	2.3	22.88	PASS
Band7	20	20850	1	#0	QPSK	22.44	2.3	24.74	PASS
Band7	20	20850	1	#Mid	QPSK	23.29	2.3	25.59	PASS
Band7	20	20850	1	#Max	QPSK	23.12	2.3	25.42	PASS
Band7	20	20850	50	#0	QPSK	22.34	2.3	24.64	PASS
Band7	20	20850	50	#Mid	QPSK	22.25	2.3	24.55	PASS
Band7	20	20850	50	#Max	QPSK	22.25	2.3	24.55	PASS
Band7	20	20850	100	#0	QPSK	22.31	2.3	24.61	PASS
Band7	20	20850	1	#0	16QAM	21.66	2.3	23.96	PASS
Band7	20	20850	1	#Mid	16QAM	21.55	2.3	23.85	PASS
Band7	20	20850	1	#Max	16QAM	21.44	2.3	23.74	PASS
Band7	20	20850	50	#0	16QAM	21.45	2.3	23.75	PASS
Band7	20	20850	50	#Mid	16QAM	21.42	2.3	23.72	PASS
Band7	20	20850	50	#Max	16QAM	21.29	2.3	23.59	PASS
Band7	20	20850	100	#0	16QAM	21.32	2.3	23.62	PASS
Band7	20	21100	1	#0	QPSK	23.58	2.3	25.88	PASS
Band7	20	21100	1	#Mid	QPSK	23.41	2.3	25.71	PASS
Band7	20	21100	1	#Max	QPSK	23.18	2.3	25.48	PASS
Band7	20	21100	50	#0	QPSK	22.06	2.3	24.36	PASS
Band7	20	21100	50	#Mid	QPSK	21.90	2.3	24.20	PASS
Band7	20	21100	50	#Max	QPSK	21.84	2.3	24.14	PASS
Band7	20	21100	100	#0	QPSK	21.82	2.3	24.12	PASS
Band7	20	21100	1	#0	16QAM	21.64	2.3	23.94	PASS
Band7	20	21100	1	#Mid	16QAM	21.46	2.3	23.76	PASS
Band7	20	21100	1	#Max	16QAM	21.23	2.3	23.53	PASS
Band7	20	21100	50	#0	16QAM	21.09	2.3	23.39	PASS
Band7	20	21100	50	#Mid	16QAM	20.97	2.3	23.27	PASS
Band7	20	21100	50	#Max	16QAM	20.88	2.3	23.18	PASS
Band7	20	21100	100	#0	16QAM	20.91	2.3	23.21	PASS
Band7	20	21350	1	#0	QPSK	22.69	2.3	24.99	PASS
Band7	20	21350	1	#Mid	QPSK	22.51	2.3	24.81	PASS
Band7	20	21350	1	#Max	QPSK	22.40	2.3	24.70	PASS
Band7	20	21350	50	#0	QPSK	21.51	2.3	23.81	PASS
Band7	20	21350	50	#Mid	QPSK	21.47	2.3	23.77	PASS
Band7	20	21350	50	#Max	QPSK	21.25	2.3	23.55	PASS
Band7	20	21350	100	#0	QPSK	21.44	2.3	23.74	PASS
Band7	20	21350	1	#0	16QAM	21.41	2.3	23.71	PASS
Band7	20	21350	1	#Mid	16QAM	21.33	2.3	23.63	PASS
Band7	20	21350	1	#Max	16QAM	21.09	2.3	23.39	PASS
Band7	20	21350	50	#0	16QAM	20.60	2.3	22.90	PASS

Band7	20	21350	50	#Mid	16QAM	20.56	2.3	22.86	PASS
Band7	20	21350	50	#Max	16QAM	20.43	2.3	22.73	PASS
Band7	20	21350	100	#0	16QAM	20.52	2.3	22.82	PASS



**Appendix 2. Frequency stability**

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Voltage (Vdc)	Temperature (C)	Result (Hz)	Result (ppm)	Verdict
Band7	5	20775	25	#0	QPSK	LV	NT	13.02	0.005	PASS
Band7	5	20775	25	#0	QPSK	NV	NT	-18.83	-0.008	PASS
Band7	5	20775	25	#0	QPSK	HV	NT	0.00	0.000	PASS
Band7	5	20775	25	#0	16QAM	LV	NT	-27.79	-0.011	PASS
Band7	5	20775	25	#0	16QAM	NV	NT	-35.75	-0.014	PASS
Band7	5	20775	25	#0	16QAM	HV	NT	-22.22	-0.009	PASS
Band7	5	21100	25	#0	QPSK	LV	NT	-39.64	-0.016	PASS
Band7	5	21100	25	#0	QPSK	NV	NT	-41.43	-0.016	PASS
Band7	5	21100	25	#0	QPSK	HV	NT	-12.75	-0.005	PASS
Band7	5	21100	25	#0	16QAM	LV	NT	-18.68	-0.007	PASS
Band7	5	21100	25	#0	16QAM	NV	NT	-1.56	-0.001	PASS
Band7	5	21100	25	#0	16QAM	HV	NT	-21.10	-0.008	PASS
Band7	5	21425	25	#0	QPSK	LV	NT	9.56	0.004	PASS
Band7	5	21425	25	#0	QPSK	NV	NT	-33.09	-0.013	PASS
Band7	5	21425	25	#0	QPSK	HV	NT	-42.26	-0.016	PASS
Band7	5	21425	25	#0	16QAM	LV	NT	-20.14	-0.008	PASS
Band7	5	21425	25	#0	16QAM	NV	NT	-44.52	-0.017	PASS
Band7	5	21425	25	#0	16QAM	HV	NT	8.91	0.003	PASS
Band7	10	20800	50	#0	QPSK	LV	NT	0.00	0.000	PASS
Band7	10	20800	50	#0	QPSK	NV	NT	-36.78	-0.015	PASS
Band7	10	20800	50	#0	QPSK	HV	NT	-38.42	-0.015	PASS
Band7	10	20800	50	#0	16QAM	LV	NT	-37.87	-0.015	PASS
Band7	10	20800	50	#0	16QAM	NV	NT	-25.58	-0.010	PASS
Band7	10	20800	50	#0	16QAM	HV	NT	-37.36	-0.015	PASS
Band7	10	21100	50	#0	QPSK	LV	NT	-37.55	-0.015	PASS
Band7	10	21100	50	#0	QPSK	NV	NT	-31.20	-0.012	PASS
Band7	10	21100	50	#0	QPSK	HV	NT	-36.79	-0.015	PASS
Band7	10	21100	50	#0	16QAM	LV	NT	-24.56	-0.010	PASS
Band7	10	21100	50	#0	16QAM	NV	NT	-24.00	-0.009	PASS
Band7	10	21100	50	#0	16QAM	HV	NT	-6.41	-0.003	PASS
Band7	10	21400	50	#0	QPSK	LV	NT	-33.69	-0.013	PASS
Band7	10	21400	50	#0	QPSK	NV	NT	-34.62	-0.013	PASS
Band7	10	21400	50	#0	QPSK	HV	NT	-30.60	-0.012	PASS
Band7	10	21400	50	#0	16QAM	LV	NT	-17.81	-0.007	PASS
Band7	10	21400	50	#0	16QAM	NV	NT	-33.32	-0.013	PASS
Band7	10	21400	50	#0	16QAM	HV	NT	-49.65	-0.019	PASS
Band7	15	20825	75	#0	QPSK	LV	NT	-3.81	-0.002	PASS
Band7	15	20825	75	#0	QPSK	NV	NT	-41.07	-0.016	PASS



Band7	15	20825	75	#0	QPSK	HV	NT	-27.22	-0.011	PASS
Band7	15	20825	75	#0	16QAM	LV	NT	-24.60	-0.010	PASS
Band7	15	20825	75	#0	16QAM	NV	NT	-13.73	-0.005	PASS
Band7	15	20825	75	#0	16QAM	HV	NT	-16.94	-0.007	PASS
Band7	15	21100	75	#0	QPSK	LV	NT	-29.80	-0.012	PASS
Band7	15	21100	75	#0	QPSK	NV	NT	-18.93	-0.007	PASS
Band7	15	21100	75	#0	QPSK	HV	NT	-29.04	-0.011	PASS
Band7	15	21100	75	#0	16QAM	LV	NT	-22.82	-0.009	PASS
Band7	15	21100	75	#0	16QAM	NV	NT	-29.03	-0.011	PASS
Band7	15	21100	75	#0	16QAM	HV	NT	-2.68	-0.001	PASS
Band7	15	21375	75	#0	QPSK	LV	NT	-24.30	-0.009	PASS
Band7	15	21375	75	#0	QPSK	NV	NT	-38.70	-0.015	PASS
Band7	15	21375	75	#0	QPSK	HV	NT	-29.00	-0.011	PASS
Band7	15	21375	75	#0	16QAM	LV	NT	-6.62	-0.003	PASS
Band7	15	21375	75	#0	16QAM	NV	NT	-16.02	-0.006	PASS
Band7	15	21375	75	#0	16QAM	HV	NT	-27.22	-0.011	PASS
Band7	20	20850	100	#0	QPSK	LV	NT	-26.72	-0.011	PASS
Band7	20	20850	100	#0	QPSK	NV	NT	-31.94	-0.013	PASS
Band7	20	20850	100	#0	QPSK	HV	NT	-24.46	-0.010	PASS
Band7	20	20850	100	#0	16QAM	LV	NT	-27.09	-0.011	PASS
Band7	20	20850	100	#0	16QAM	NV	NT	-10.46	-0.004	PASS
Band7	20	20850	100	#0	16QAM	HV	NT	-20.57	-0.008	PASS
Band7	20	21100	100	#0	QPSK	LV	NT	-22.66	-0.009	PASS
Band7	20	21100	100	#0	QPSK	NV	NT	-23.12	-0.009	PASS
Band7	20	21100	100	#0	QPSK	HV	NT	-28.68	-0.011	PASS
Band7	20	21100	100	#0	16QAM	LV	NT	-20.27	-0.008	PASS
Band7	20	21100	100	#0	16QAM	NV	NT	-35.65	-0.014	PASS
Band7	20	21100	100	#0	16QAM	HV	NT	-42.16	-0.017	PASS
Band7	20	21350	100	#0	QPSK	LV	NT	-9.08	-0.004	PASS
Band7	20	21350	100	#0	QPSK	NV	NT	-8.53	-0.003	PASS
Band7	20	21350	100	#0	QPSK	HV	NT	-22.39	-0.009	PASS
Band7	20	21350	100	#0	16QAM	LV	NT	-32.83	-0.013	PASS
Band7	20	21350	100	#0	16QAM	NV	NT	-38.47	-0.015	PASS
Band7	20	21350	100	#0	16QAM	HV	NT	-43.80	-0.017	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	-45.43	-0.018	PASS
Band7	5	20775	25	#0	QPSK	NV	-20	-52.00	-0.021	PASS
Band7	5	20775	25	#0	QPSK	NV	-10	-33.50	-0.013	PASS
Band7	5	20775	25	#0	QPSK	NV	0	-25.42	-0.010	PASS
Band7	5	20775	25	#0	QPSK	NV	10	-19.53	-0.008	PASS
Band7	5	20775	25	#0	QPSK	NV	20	-18.78	-0.008	PASS

Band7	5	20775	25	#0	QPSK	NV	30	-19.57	-0.008	PASS
Band7	5	20775	25	#0	QPSK	NV	40	-17.18	-0.007	PASS
Band7	5	20775	25	#0	QPSK	NV	50	-19.70	-0.008	PASS
Band7	5	20775	25	#0	16QAM	NV	-30	-19.73	-0.008	PASS
Band7	5	20775	25	#0	16QAM	NV	-20	-10.76	-0.004	PASS
Band7	5	20775	25	#0	16QAM	NV	-10	-5.72	-0.002	PASS
Band7	5	20775	25	#0	16QAM	NV	0	-7.32	-0.003	PASS
Band7	5	20775	25	#0	16QAM	NV	10	-6.37	-0.003	PASS
Band7	5	20775	25	#0	16QAM	NV	20	-5.88	-0.002	PASS
Band7	5	20775	25	#0	16QAM	NV	30	-8.57	-0.003	PASS
Band7	5	20775	25	#0	16QAM	NV	40	-7.75	-0.003	PASS
Band7	5	20775	25	#0	16QAM	NV	50	-8.94	-0.004	PASS
Band7	5	21100	25	#0	QPSK	NV	-30	-23.75	-0.009	PASS
Band7	5	21100	25	#0	QPSK	NV	-20	-46.12	-0.018	PASS
Band7	5	21100	25	#0	QPSK	NV	-10	-56.72	-0.022	PASS
Band7	5	21100	25	#0	QPSK	NV	0	6.77	0.003	PASS
Band7	5	21100	25	#0	QPSK	NV	10	4.99	0.002	PASS
Band7	5	21100	25	#0	QPSK	NV	20	6.85	0.003	PASS
Band7	5	21100	25	#0	QPSK	NV	30	4.39	0.002	PASS
Band7	5	21100	25	#0	QPSK	NV	40	3.29	0.001	PASS
Band7	5	21100	25	#0	QPSK	NV	50	7.72	0.003	PASS
Band7	5	21100	25	#0	16QAM	NV	-30	8.68	0.003	PASS
Band7	5	21100	25	#0	16QAM	NV	-20	21.07	0.008	PASS
Band7	5	21100	25	#0	16QAM	NV	-10	24.56	0.010	PASS
Band7	5	21100	25	#0	16QAM	NV	0	26.56	0.010	PASS
Band7	5	21100	25	#0	16QAM	NV	10	23.66	0.009	PASS
Band7	5	21100	25	#0	16QAM	NV	20	21.86	0.009	PASS
Band7	5	21100	25	#0	16QAM	NV	30	23.62	0.009	PASS
Band7	5	21100	25	#0	16QAM	NV	40	23.02	0.009	PASS
Band7	5	21100	25	#0	16QAM	NV	50	22.72	0.009	PASS
Band7	5	21425	25	#0	QPSK	NV	-30	8.31	0.003	PASS
Band7	5	21425	25	#0	QPSK	NV	-20	-9.60	-0.004	PASS
Band7	5	21425	25	#0	QPSK	NV	-10	-21.20	-0.008	PASS
Band7	5	21425	25	#0	QPSK	NV	0	-20.26	-0.008	PASS
Band7	5	21425	25	#0	QPSK	NV	10	-24.82	-0.010	PASS
Band7	5	21425	25	#0	QPSK	NV	20	-25.12	-0.010	PASS
Band7	5	21425	25	#0	QPSK	NV	30	-26.58	-0.010	PASS
Band7	5	21425	25	#0	QPSK	NV	40	-20.87	-0.008	PASS
Band7	5	21425	25	#0	QPSK	NV	50	-25.05	-0.010	PASS
Band7	5	21425	25	#0	16QAM	NV	-30	-20.59	-0.008	PASS
Band7	5	21425	25	#0	16QAM	NV	-20	-15.29	-0.006	PASS
Band7	5	21425	25	#0	16QAM	NV	-10	-9.03	-0.004	PASS
Band7	5	21425	25	#0	16QAM	NV	0	-10.81	-0.004	PASS

Band7	5	21425	25	#0	16QAM	NV	10	-7.81	-0.003	PASS
Band7	5	21425	25	#0	16QAM	NV	20	-7.55	-0.003	PASS
Band7	5	21425	25	#0	16QAM	NV	30	-11.40	-0.004	PASS
Band7	5	21425	25	#0	16QAM	NV	40	-11.90	-0.005	PASS
Band7	5	21425	25	#0	16QAM	NV	50	-13.48	-0.005	PASS
Band7	10	20800	50	#0	QPSK	NV	-30	-35.18	-0.014	PASS
Band7	10	20800	50	#0	QPSK	NV	-20	-30.96	-0.012	PASS
Band7	10	20800	50	#0	QPSK	NV	-10	-36.03	-0.014	PASS
Band7	10	20800	50	#0	QPSK	NV	0	10.30	0.004	PASS
Band7	10	20800	50	#0	QPSK	NV	10	23.59	0.009	PASS
Band7	10	20800	50	#0	QPSK	NV	20	29.93	0.012	PASS
Band7	10	20800	50	#0	QPSK	NV	30	30.98	0.012	PASS
Band7	10	20800	50	#0	QPSK	NV	40	27.68	0.011	PASS
Band7	10	20800	50	#0	QPSK	NV	50	28.92	0.012	PASS
Band7	10	20800	50	#0	16QAM	NV	-30	30.87	0.012	PASS
Band7	10	20800	50	#0	16QAM	NV	-20	38.21	0.015	PASS
Band7	10	20800	50	#0	16QAM	NV	-10	44.93	0.018	PASS
Band7	10	20800	50	#0	16QAM	NV	0	45.73	0.018	PASS
Band7	10	20800	50	#0	16QAM	NV	10	37.82	0.015	PASS
Band7	10	20800	50	#0	16QAM	NV	20	4.82	0.002	PASS
Band7	10	20800	50	#0	16QAM	NV	30	4.94	0.002	PASS
Band7	10	20800	50	#0	16QAM	NV	40	4.51	0.002	PASS
Band7	10	20800	50	#0	16QAM	NV	50	6.18	0.002	PASS
Band7	10	21100	50	#0	QPSK	NV	-30	8.54	0.003	PASS
Band7	10	21100	50	#0	QPSK	NV	-20	-15.12	-0.006	PASS
Band7	10	21100	50	#0	QPSK	NV	-10	-19.05	-0.008	PASS
Band7	10	21100	50	#0	QPSK	NV	0	-15.64	-0.006	PASS
Band7	10	21100	50	#0	QPSK	NV	10	-17.92	-0.007	PASS
Band7	10	21100	50	#0	QPSK	NV	20	-17.58	-0.007	PASS
Band7	10	21100	50	#0	QPSK	NV	30	-15.23	-0.006	PASS
Band7	10	21100	50	#0	QPSK	NV	40	-17.35	-0.007	PASS
Band7	10	21100	50	#0	QPSK	NV	50	-12.76	-0.005	PASS
Band7	10	21100	50	#0	16QAM	NV	-30	-7.41	-0.003	PASS
Band7	10	21100	50	#0	16QAM	NV	-20	-0.89	0.000	PASS
Band7	10	21100	50	#0	16QAM	NV	-10	2.89	0.001	PASS
Band7	10	21100	50	#0	16QAM	NV	0	0.74	0.000	PASS
Band7	10	21100	50	#0	16QAM	NV	10	0.13	0.000	PASS
Band7	10	21100	50	#0	16QAM	NV	20	-3.62	-0.001	PASS
Band7	10	21100	50	#0	16QAM	NV	30	-3.16	-0.001	PASS
Band7	10	21100	50	#0	16QAM	NV	40	-0.53	0.000	PASS
Band7	10	21100	50	#0	16QAM	NV	50	-1.24	0.000	PASS
Band7	10	21400	50	#0	QPSK	NV	-30	-10.77	-0.004	PASS
Band7	10	21400	50	#0	QPSK	NV	-20	-36.36	-0.014	PASS

Band7	10	21400	50	#0	QPSK	NV	-10	-44.82	-0.017	PASS
Band7	10	21400	50	#0	QPSK	NV	0	-42.29	-0.016	PASS
Band7	10	21400	50	#0	QPSK	NV	10	-38.29	-0.015	PASS
Band7	10	21400	50	#0	QPSK	NV	20	-35.52	-0.014	PASS
Band7	10	21400	50	#0	QPSK	NV	30	-36.45	-0.014	PASS
Band7	10	21400	50	#0	QPSK	NV	40	-33.13	-0.013	PASS
Band7	10	21400	50	#0	QPSK	NV	50	-31.01	-0.012	PASS
Band7	10	21400	50	#0	16QAM	NV	-30	-25.56	-0.010	PASS
Band7	10	21400	50	#0	16QAM	NV	-20	-14.16	-0.006	PASS
Band7	10	21400	50	#0	16QAM	NV	-10	-11.93	-0.005	PASS
Band7	10	21400	50	#0	16QAM	NV	0	-10.20	-0.004	PASS
Band7	10	21400	50	#0	16QAM	NV	10	-17.68	-0.007	PASS
Band7	10	21400	50	#0	16QAM	NV	20	-17.17	-0.007	PASS
Band7	10	21400	50	#0	16QAM	NV	30	-17.44	-0.007	PASS
Band7	10	21400	50	#0	16QAM	NV	40	-15.11	-0.006	PASS
Band7	10	21400	50	#0	16QAM	NV	50	-20.03	-0.008	PASS
Band7	15	20825	75	#0	QPSK	NV	-30	-34.09	-0.014	PASS
Band7	15	20825	75	#0	QPSK	NV	-20	-34.42	-0.014	PASS
Band7	15	20825	75	#0	QPSK	NV	-10	-31.14	-0.012	PASS
Band7	15	20825	75	#0	QPSK	NV	0	-30.58	-0.012	PASS
Band7	15	20825	75	#0	QPSK	NV	10	-26.48	-0.011	PASS
Band7	15	20825	75	#0	QPSK	NV	20	-24.52	-0.010	PASS
Band7	15	20825	75	#0	QPSK	NV	30	-18.98	-0.008	PASS
Band7	15	20825	75	#0	QPSK	NV	40	-19.14	-0.008	PASS
Band7	15	20825	75	#0	QPSK	NV	50	-14.79	-0.006	PASS
Band7	15	20825	75	#0	16QAM	NV	-30	-13.49	-0.005	PASS
Band7	15	20825	75	#0	16QAM	NV	-20	-2.39	-0.001	PASS
Band7	15	20825	75	#0	16QAM	NV	-10	-5.44	-0.002	PASS
Band7	15	20825	75	#0	16QAM	NV	0	-5.68	-0.002	PASS
Band7	15	20825	75	#0	16QAM	NV	10	-8.91	-0.004	PASS
Band7	15	20825	75	#0	16QAM	NV	20	-7.28	-0.003	PASS
Band7	15	20825	75	#0	16QAM	NV	30	-9.94	-0.004	PASS
Band7	15	20825	75	#0	16QAM	NV	40	-8.30	-0.003	PASS
Band7	15	20825	75	#0	16QAM	NV	50	-10.56	-0.004	PASS
Band7	15	21100	75	#0	QPSK	NV	-30	-4.41	-0.002	PASS
Band7	15	21100	75	#0	QPSK	NV	-20	-26.49	-0.010	PASS
Band7	15	21100	75	#0	QPSK	NV	-10	-27.12	-0.011	PASS
Band7	15	21100	75	#0	QPSK	NV	0	-24.95	-0.010	PASS
Band7	15	21100	75	#0	QPSK	NV	10	-21.26	-0.008	PASS
Band7	15	21100	75	#0	QPSK	NV	20	-18.78	-0.007	PASS
Band7	15	21100	75	#0	QPSK	NV	30	-17.17	-0.007	PASS
Band7	15	21100	75	#0	QPSK	NV	40	-16.57	-0.007	PASS
Band7	15	21100	75	#0	QPSK	NV	50	-14.93	-0.006	PASS

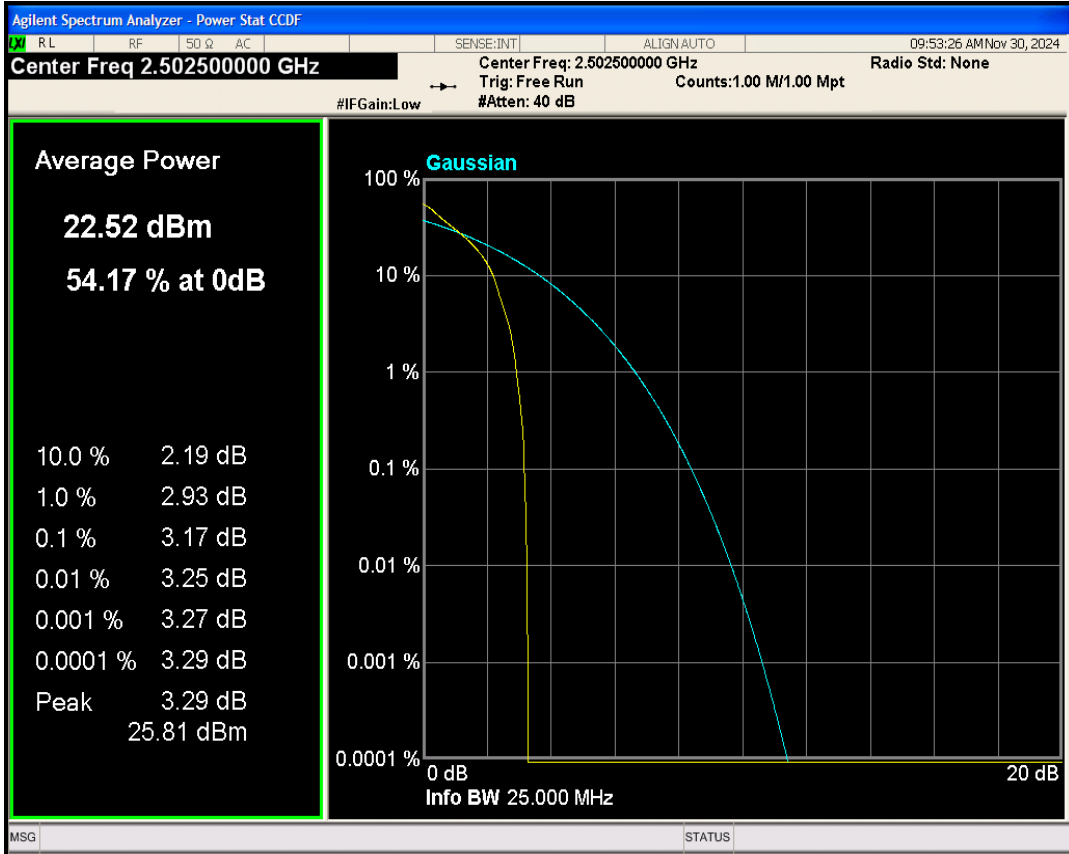
Band7	15	21100	75	#0	16QAM	NV	-30	-9.24	-0.004	PASS
Band7	15	21100	75	#0	16QAM	NV	-20	-2.10	-0.001	PASS
Band7	15	21100	75	#0	16QAM	NV	-10	-3.09	-0.001	PASS
Band7	15	21100	75	#0	16QAM	NV	0	-4.58	-0.002	PASS
Band7	15	21100	75	#0	16QAM	NV	10	-4.52	-0.002	PASS
Band7	15	21100	75	#0	16QAM	NV	20	-7.41	-0.003	PASS
Band7	15	21100	75	#0	16QAM	NV	30	-6.91	-0.003	PASS
Band7	15	21100	75	#0	16QAM	NV	40	-11.62	-0.005	PASS
Band7	15	21100	75	#0	16QAM	NV	50	-8.98	-0.004	PASS
Band7	15	21375	75	#0	QPSK	NV	-30	1.69	0.001	PASS
Band7	15	21375	75	#0	QPSK	NV	-20	-25.21	-0.010	PASS
Band7	15	21375	75	#0	QPSK	NV	-10	-21.89	-0.009	PASS
Band7	15	21375	75	#0	QPSK	NV	0	-17.52	-0.007	PASS
Band7	15	21375	75	#0	QPSK	NV	10	-11.12	-0.004	PASS
Band7	15	21375	75	#0	QPSK	NV	20	-8.55	-0.003	PASS
Band7	15	21375	75	#0	QPSK	NV	30	-3.46	-0.001	PASS
Band7	15	21375	75	#0	QPSK	NV	40	0.34	0.000	PASS
Band7	15	21375	75	#0	QPSK	NV	50	2.76	0.001	PASS
Band7	15	21375	75	#0	16QAM	NV	-30	8.23	0.003	PASS
Band7	15	21375	75	#0	16QAM	NV	-20	16.47	0.006	PASS
Band7	15	21375	75	#0	16QAM	NV	-10	15.61	0.006	PASS
Band7	15	21375	75	#0	16QAM	NV	0	15.11	0.006	PASS
Band7	15	21375	75	#0	16QAM	NV	10	6.85	0.003	PASS
Band7	15	21375	75	#0	16QAM	NV	20	7.71	0.003	PASS
Band7	15	21375	75	#0	16QAM	NV	30	5.55	0.002	PASS
Band7	15	21375	75	#0	16QAM	NV	40	4.68	0.002	PASS
Band7	15	21375	75	#0	16QAM	NV	50	5.98	0.002	PASS
Band7	20	20850	100	#0	QPSK	NV	-30	-40.66	-0.016	PASS
Band7	20	20850	100	#0	QPSK	NV	-20	-15.56	-0.006	PASS
Band7	20	20850	100	#0	QPSK	NV	-10	11.94	0.005	PASS
Band7	20	20850	100	#0	QPSK	NV	0	41.70	0.017	PASS
Band7	20	20850	100	#0	QPSK	NV	10	14.42	0.006	PASS
Band7	20	20850	100	#0	QPSK	NV	20	24.09	0.010	PASS
Band7	20	20850	100	#0	QPSK	NV	30	22.40	0.009	PASS
Band7	20	20850	100	#0	QPSK	NV	40	26.08	0.010	PASS
Band7	20	20850	100	#0	QPSK	NV	50	26.02	0.010	PASS
Band7	20	20850	100	#0	16QAM	NV	-30	35.13	0.014	PASS
Band7	20	20850	100	#0	16QAM	NV	-20	-5.45	-0.002	PASS
Band7	20	20850	100	#0	16QAM	NV	-10	-16.37	-0.007	PASS
Band7	20	20850	100	#0	16QAM	NV	0	-18.90	-0.008	PASS
Band7	20	20850	100	#0	16QAM	NV	10	-20.89	-0.008	PASS
Band7	20	20850	100	#0	16QAM	NV	20	-22.97	-0.009	PASS
Band7	20	20850	100	#0	16QAM	NV	30	-26.64	-0.011	PASS

Band7	20	20850	100	#0	16QAM	NV	40	-24.89	-0.010	PASS
Band7	20	20850	100	#0	16QAM	NV	50	-26.04	-0.010	PASS
Band7	20	21100	100	#0	QPSK	NV	-30	2.00	0.001	PASS
Band7	20	21100	100	#0	QPSK	NV	-20	-21.20	-0.008	PASS
Band7	20	21100	100	#0	QPSK	NV	-10	-17.11	-0.007	PASS
Band7	20	21100	100	#0	QPSK	NV	0	-13.15	-0.005	PASS
Band7	20	21100	100	#0	QPSK	NV	10	-7.78	-0.003	PASS
Band7	20	21100	100	#0	QPSK	NV	20	-4.79	-0.002	PASS
Band7	20	21100	100	#0	QPSK	NV	30	-2.52	-0.001	PASS
Band7	20	21100	100	#0	QPSK	NV	40	0.57	0.000	PASS
Band7	20	21100	100	#0	QPSK	NV	50	1.73	0.001	PASS
Band7	20	21100	100	#0	16QAM	NV	-30	9.68	0.004	PASS
Band7	20	21100	100	#0	16QAM	NV	-20	16.35	0.006	PASS
Band7	20	21100	100	#0	16QAM	NV	-10	12.37	0.005	PASS
Band7	20	21100	100	#0	16QAM	NV	0	12.86	0.005	PASS
Band7	20	21100	100	#0	16QAM	NV	10	6.91	0.003	PASS
Band7	20	21100	100	#0	16QAM	NV	20	3.33	0.001	PASS
Band7	20	21100	100	#0	16QAM	NV	30	3.72	0.001	PASS
Band7	20	21100	100	#0	16QAM	NV	40	0.26	0.000	PASS
Band7	20	21100	100	#0	16QAM	NV	50	0.47	0.000	PASS
Band7	20	21350	100	#0	QPSK	NV	-30	-18.17	-0.007	PASS
Band7	20	21350	100	#0	QPSK	NV	-20	-0.23	0.000	PASS
Band7	20	21350	100	#0	QPSK	NV	-10	10.53	0.004	PASS
Band7	20	21350	100	#0	QPSK	NV	0	13.36	0.005	PASS
Band7	20	21350	100	#0	QPSK	NV	10	22.09	0.009	PASS
Band7	20	21350	100	#0	QPSK	NV	20	26.59	0.010	PASS
Band7	20	21350	100	#0	QPSK	NV	30	32.99	0.013	PASS
Band7	20	21350	100	#0	QPSK	NV	40	34.25	0.013	PASS
Band7	20	21350	100	#0	QPSK	NV	50	36.74	0.014	PASS
Band7	20	21350	100	#0	16QAM	NV	-30	38.60	0.015	PASS
Band7	20	21350	100	#0	16QAM	NV	-20	1.40	0.001	PASS
Band7	20	21350	100	#0	16QAM	NV	-10	-0.33	0.000	PASS
Band7	20	21350	100	#0	16QAM	NV	0	-7.90	-0.003	PASS
Band7	20	21350	100	#0	16QAM	NV	10	-10.56	-0.004	PASS
Band7	20	21350	100	#0	16QAM	NV	20	-13.78	-0.005	PASS
Band7	20	21350	100	#0	16QAM	NV	30	-13.68	-0.005	PASS
Band7	20	21350	100	#0	16QAM	NV	40	-17.45	-0.007	PASS
Band7	20	21350	100	#0	16QAM	NV	50	-17.61	-0.007	PASS

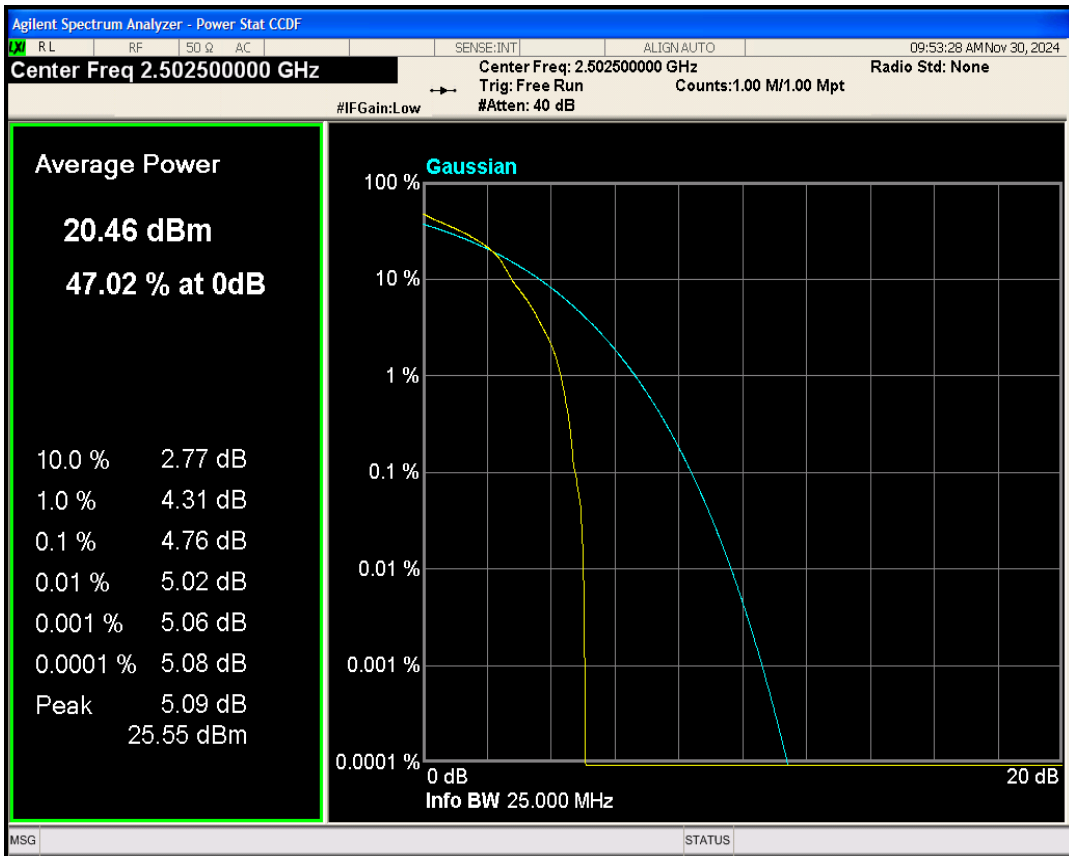
### Appendix 3. Peak-to-Average Ratio

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
Band7	5	20775	1	#0	QPSK	3.17	13	PASS
Band7	5	20775	1	#0	16QAM	4.76	13	PASS
Band7	5	21100	1	#0	QPSK	4.10	13	PASS
Band7	5	21100	1	#0	16QAM	5.24	13	PASS
Band7	5	21425	1	#0	QPSK	6.37	13	PASS
Band7	5	21425	1	#0	16QAM	5.36	13	PASS
Band7	10	20800	1	#0	QPSK	3.14	13	PASS
Band7	10	20800	1	#0	16QAM	4.59	13	PASS
Band7	10	21100	1	#0	QPSK	4.05	13	PASS
Band7	10	21100	1	#0	16QAM	5.36	13	PASS
Band7	10	21400	1	#0	QPSK	6.95	13	PASS
Band7	10	21400	1	#0	16QAM	5.20	13	PASS
Band7	15	20825	1	#0	QPSK	3.26	13	PASS
Band7	15	20825	1	#0	16QAM	4.60	13	PASS
Band7	15	21100	1	#0	QPSK	10.74	13	PASS
Band7	15	21100	1	#0	16QAM	5.19	13	PASS
Band7	15	21375	1	#0	QPSK	3.60	13	PASS
Band7	15	21375	1	#0	16QAM	4.85	13	PASS
Band7	20	20850	1	#0	QPSK	3.30	13	PASS
Band7	20	20850	1	#0	16QAM	4.50	13	PASS
Band7	20	21100	1	#0	QPSK	3.60	13	PASS
Band7	20	21100	1	#0	16QAM	5.01	13	PASS
Band7	20	21350	1	#0	QPSK	10.70	13	PASS
Band7	20	21350	1	#0	16QAM	4.78	13	PASS

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

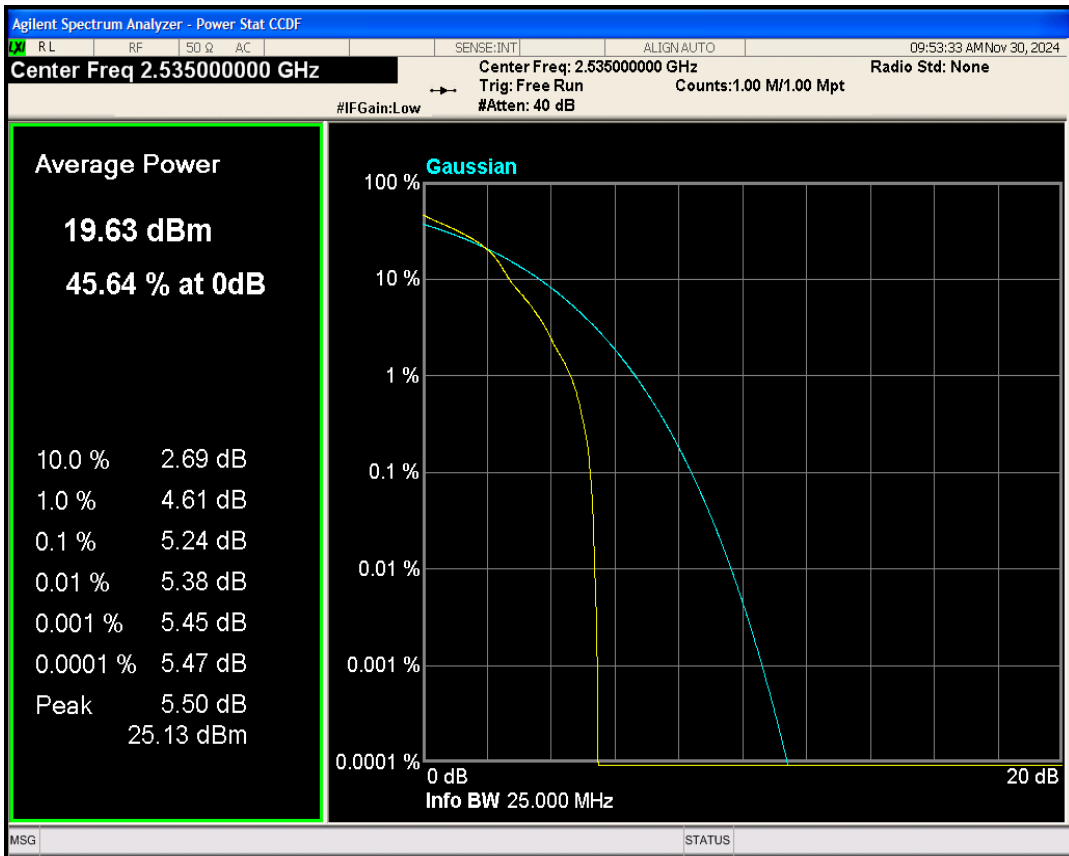
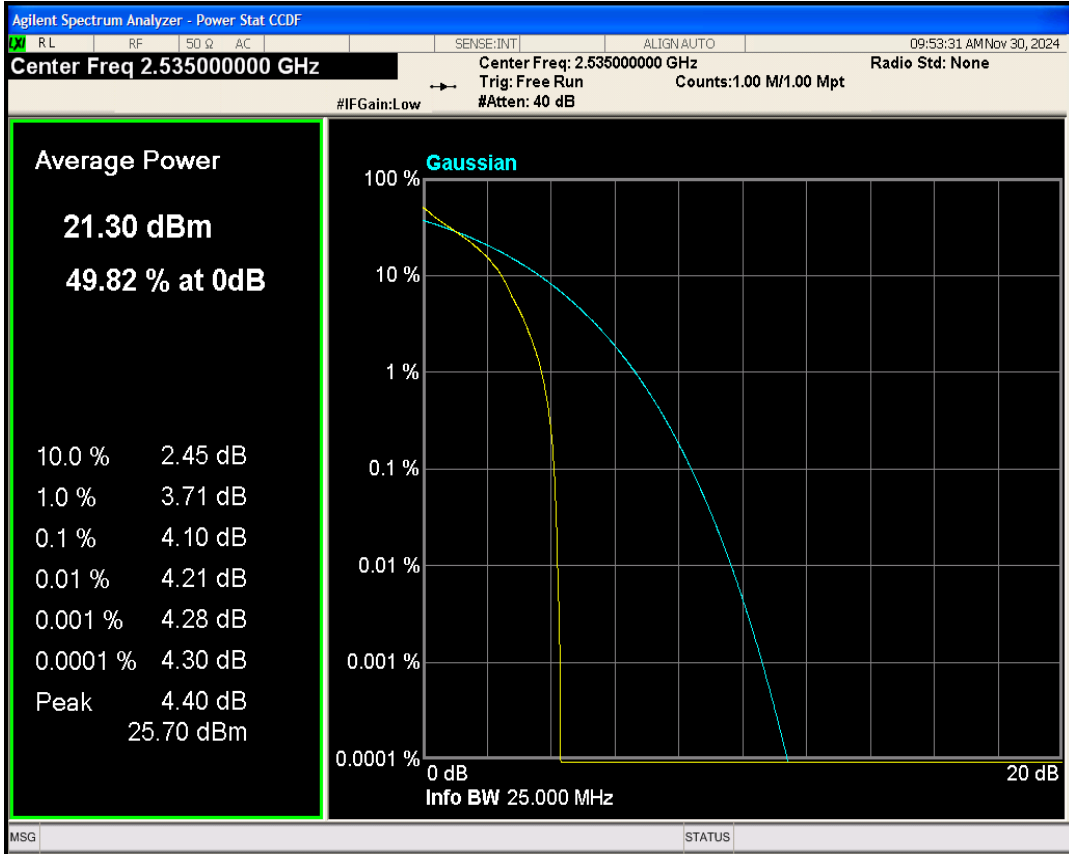


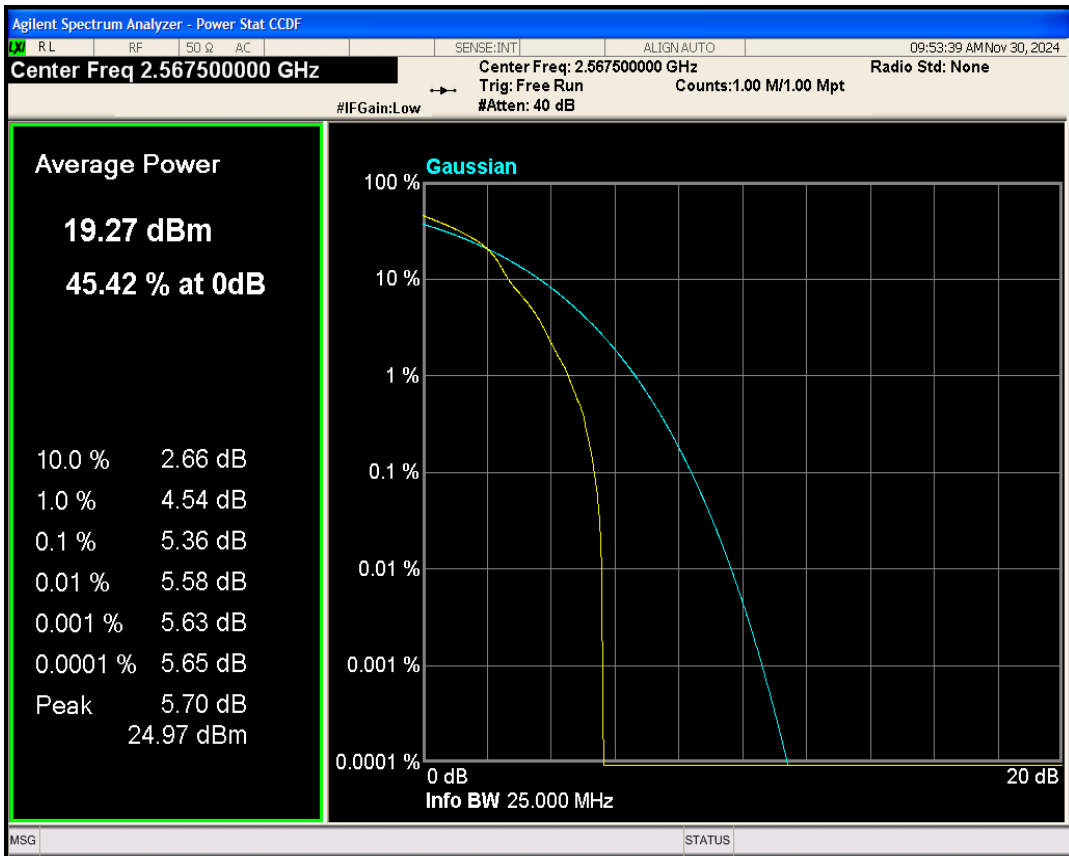
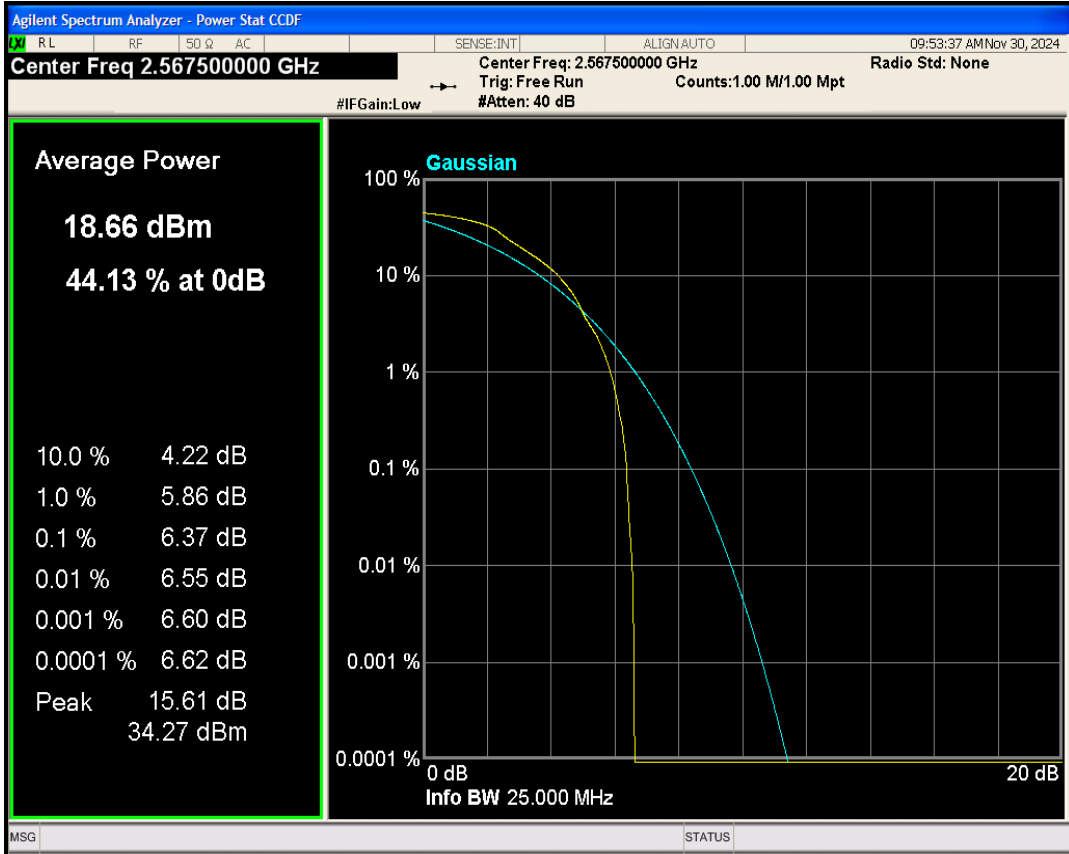
Band7 16QAM BW=5MHz Channel=20775 RB Size=1 Position=#0

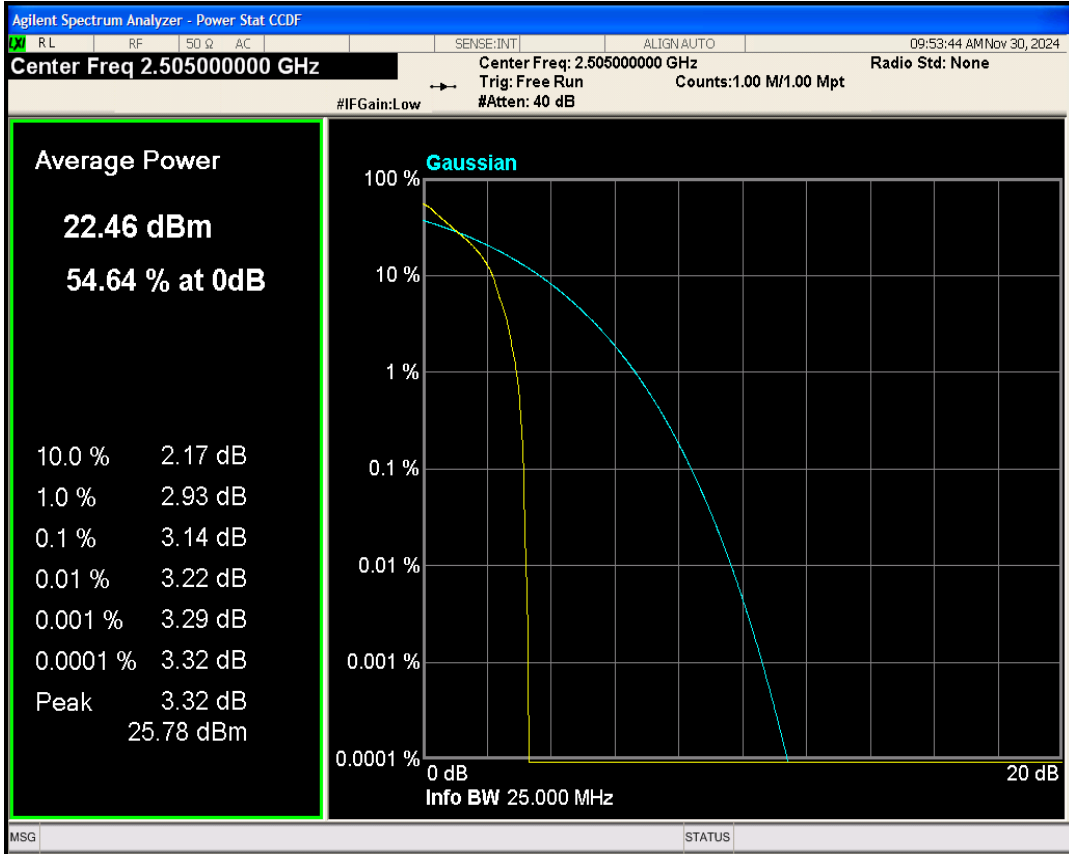


Band7 QPSK BW=5MHz Channel=21100 RB Size=1 Position=#0

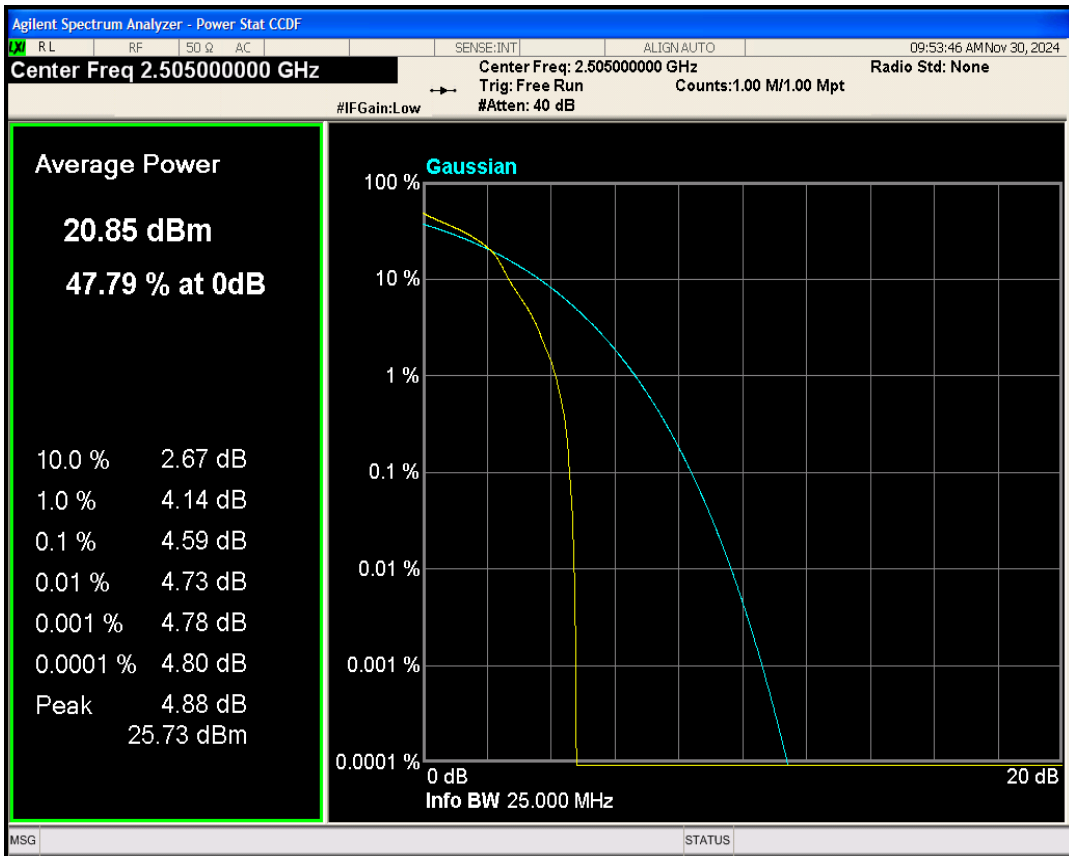




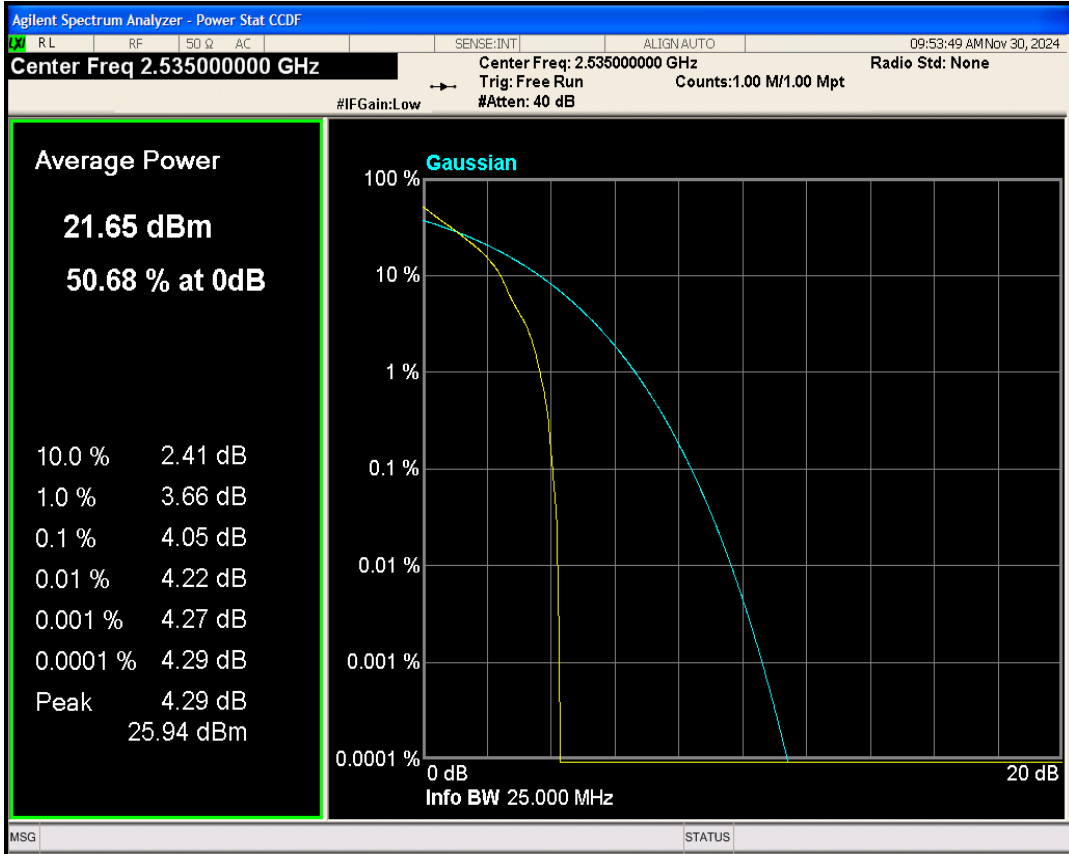




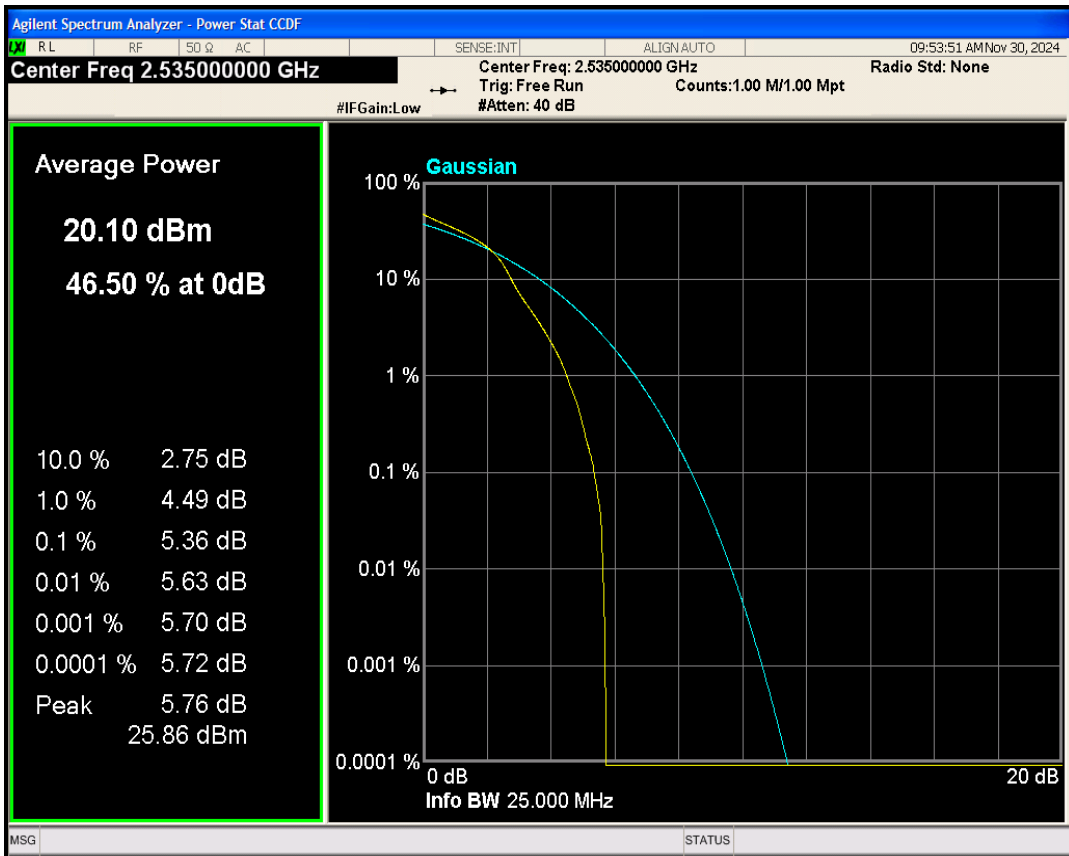
Band7 16QAM BW=10MHz Channel=20800 RB Size=1 Position=#0



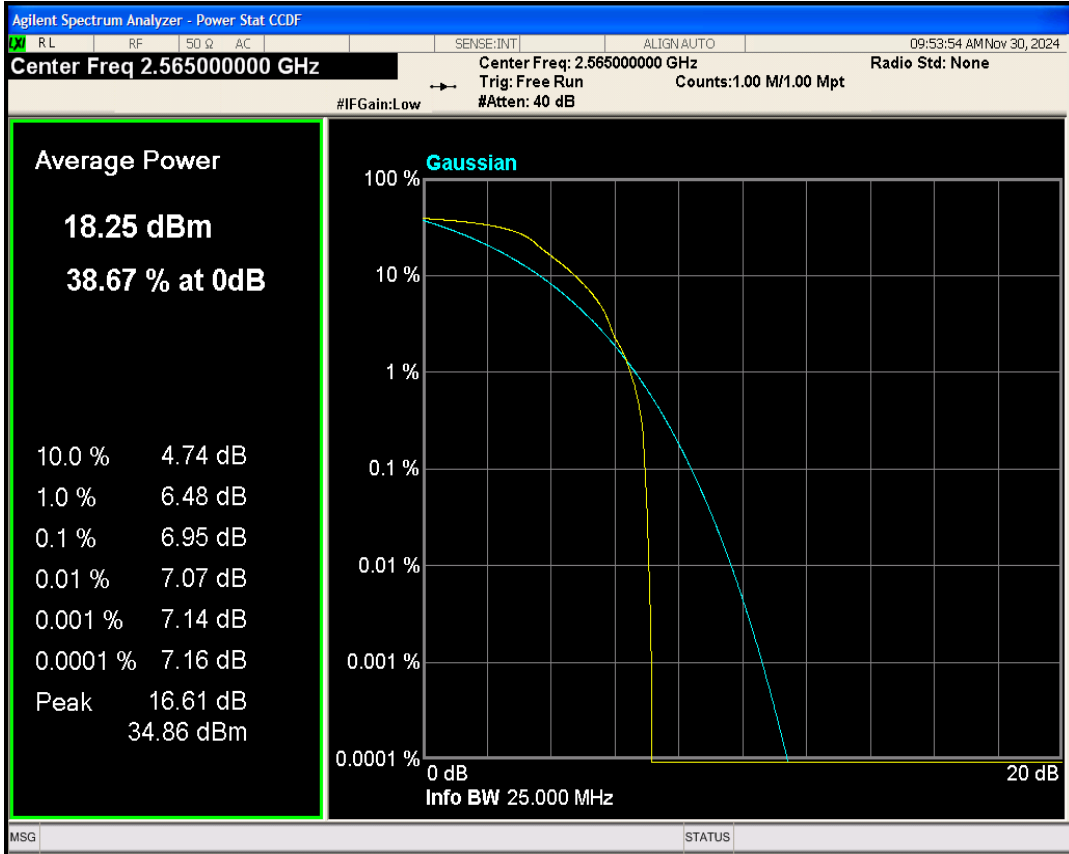
Band7 QPSK BW=10MHz Channel=21100 RB Size=1 Position=#0



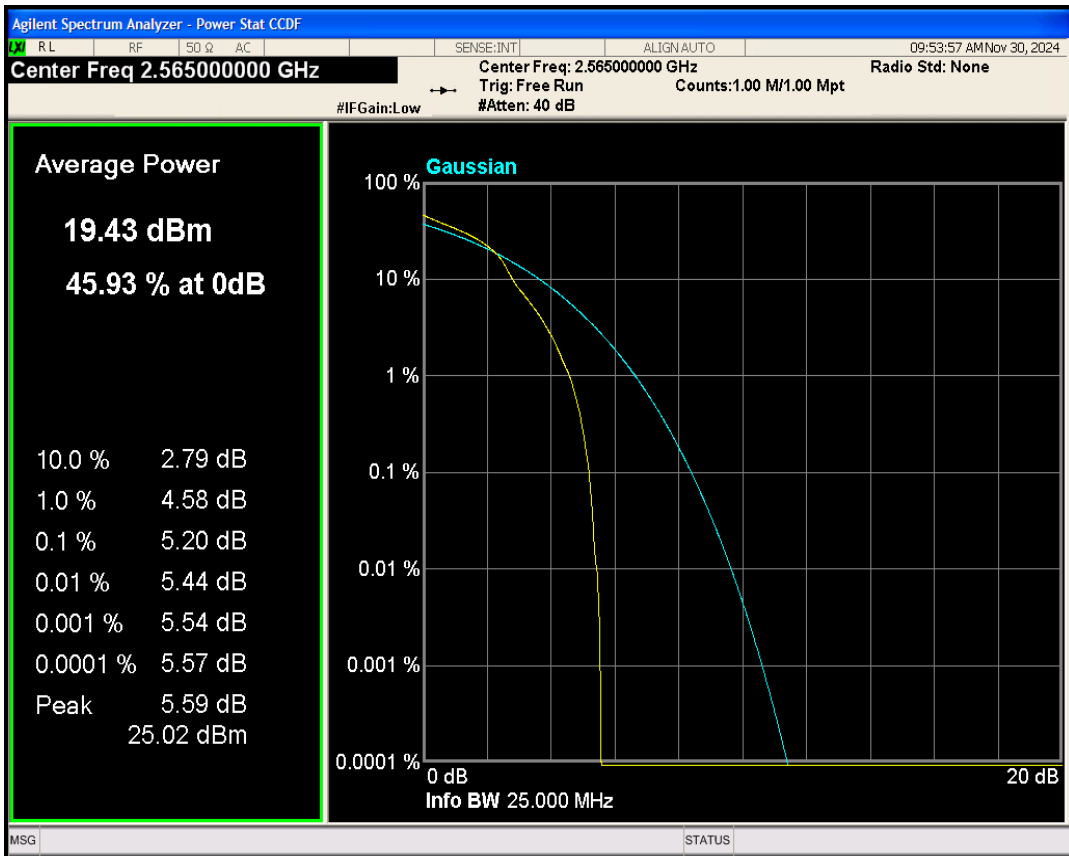
Band7 16QAM BW=10MHz Channel=21100 RB Size=1 Position=#0



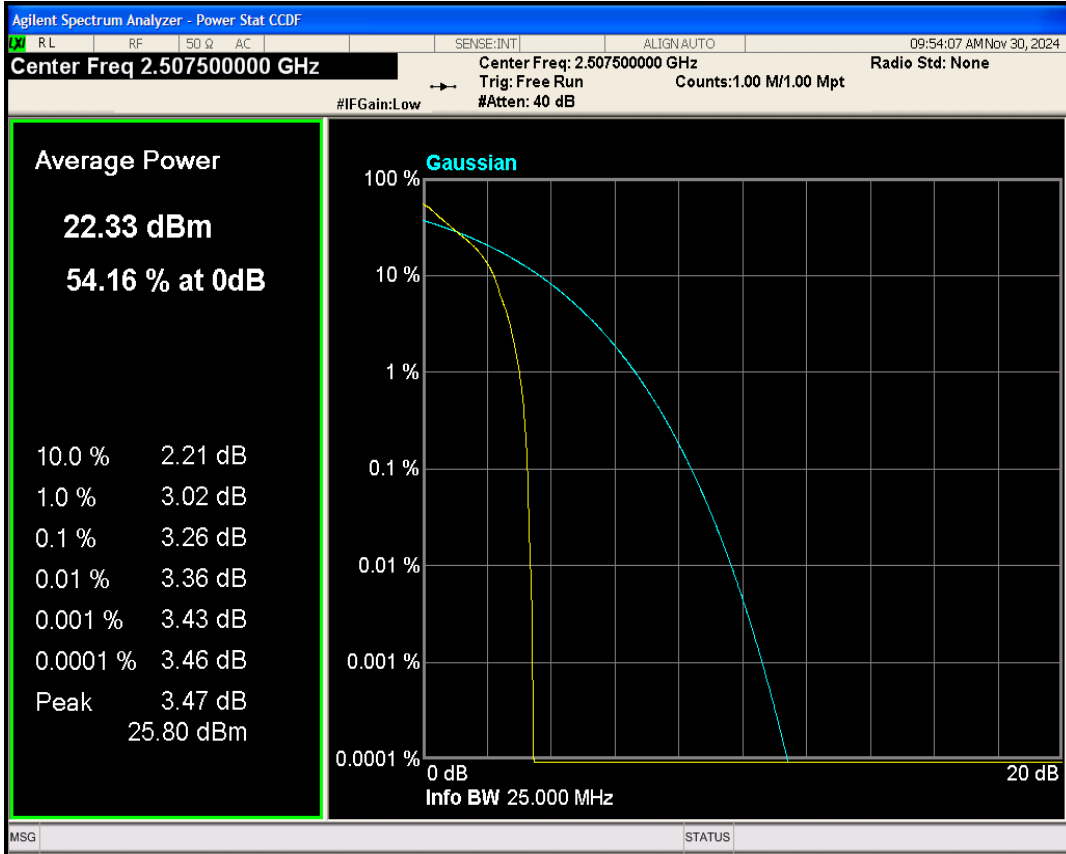
Band7 QPSK BW=10MHz Channel=21400 RB Size=1 Position=#0



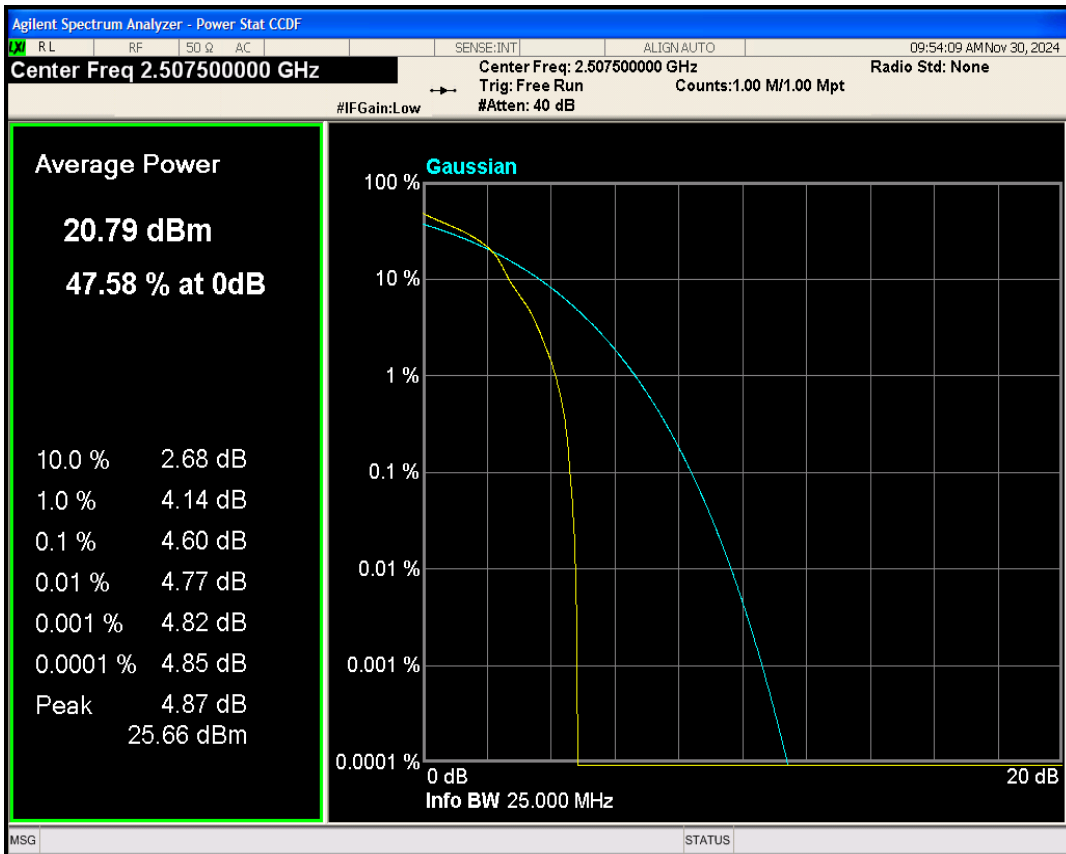
Band7 16QAM BW=10MHz Channel=21400 RB Size=1 Position=#0



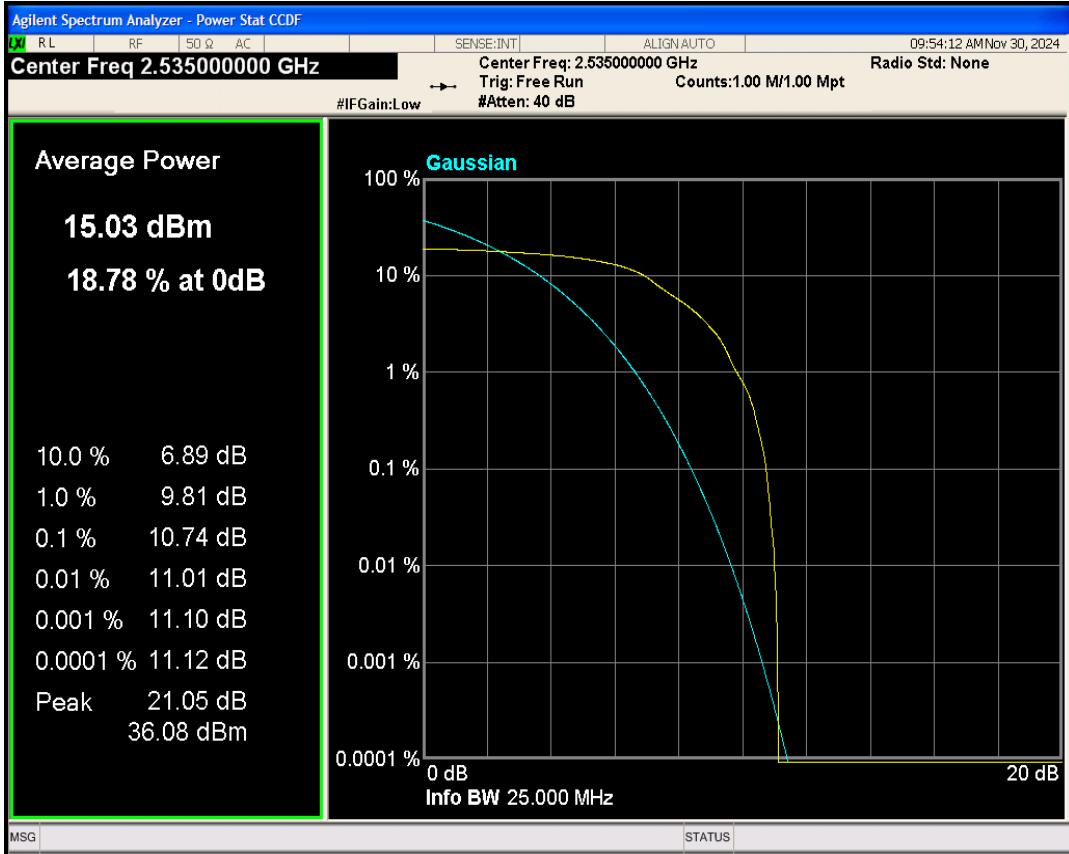
Band7 QPSK BW=15MHz Channel=20825 RB Size=1 Position=#0



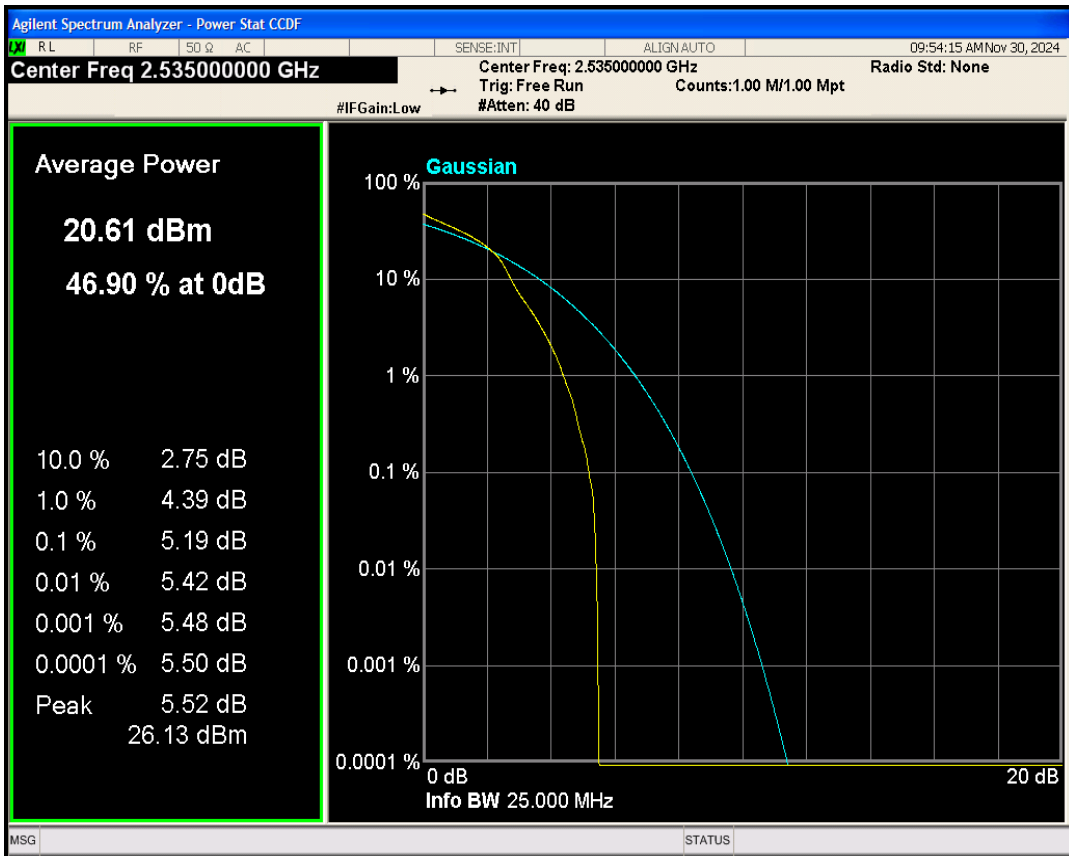
Band7 16QAM BW=15MHz Channel=20825 RB Size=1 Position=#0



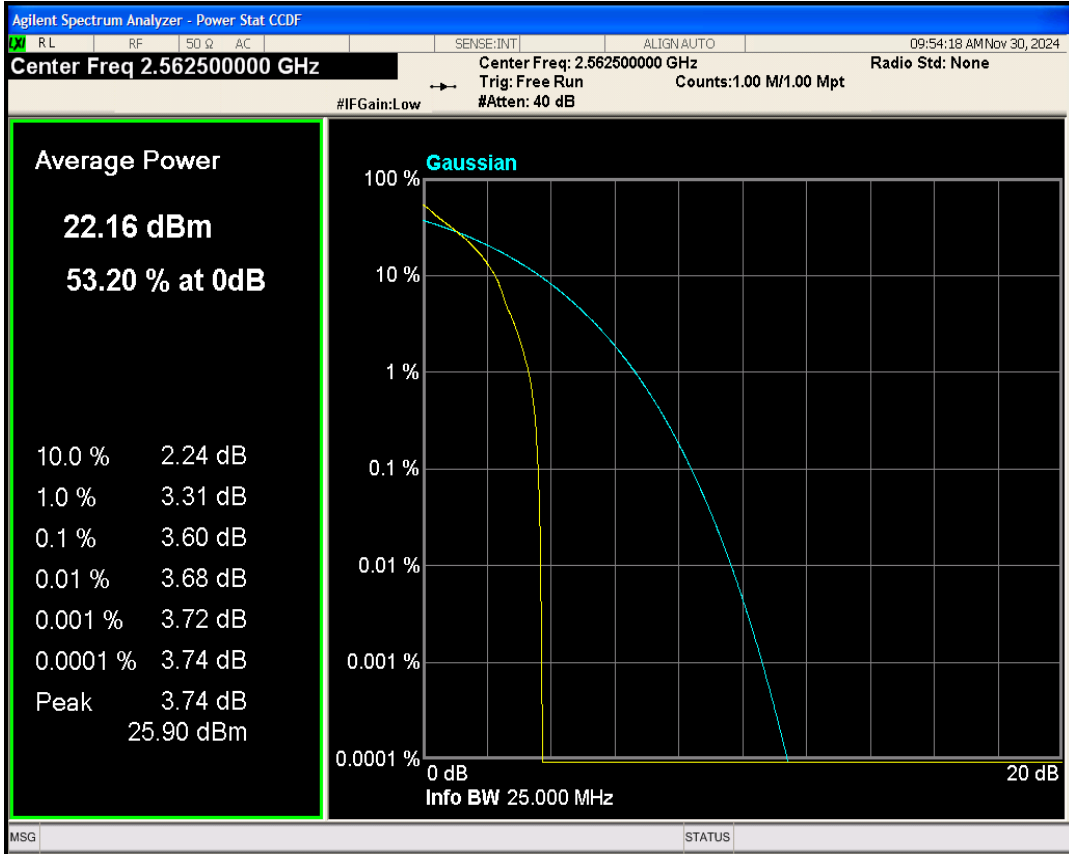
Band7 QPSK BW=15MHz Channel=21100 RB Size=1 Position=#0



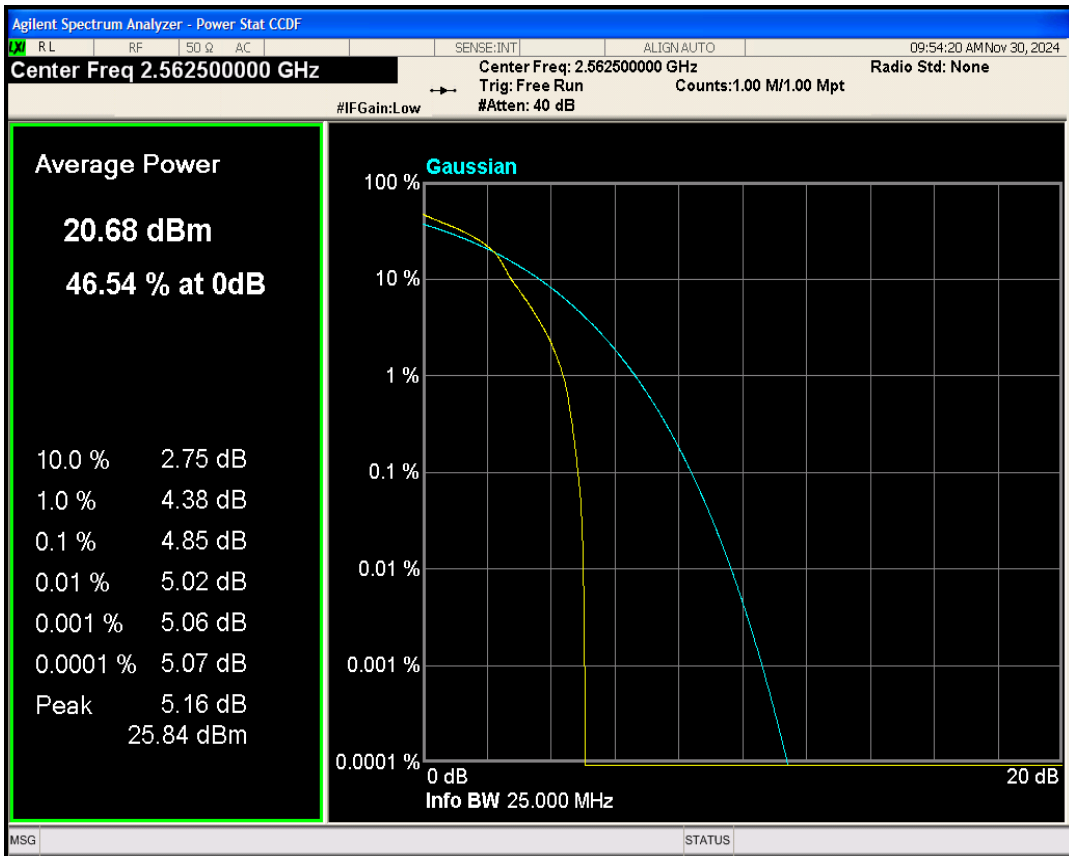
Band7 16QAM BW=15MHz Channel=21100 RB Size=1 Position=#0



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

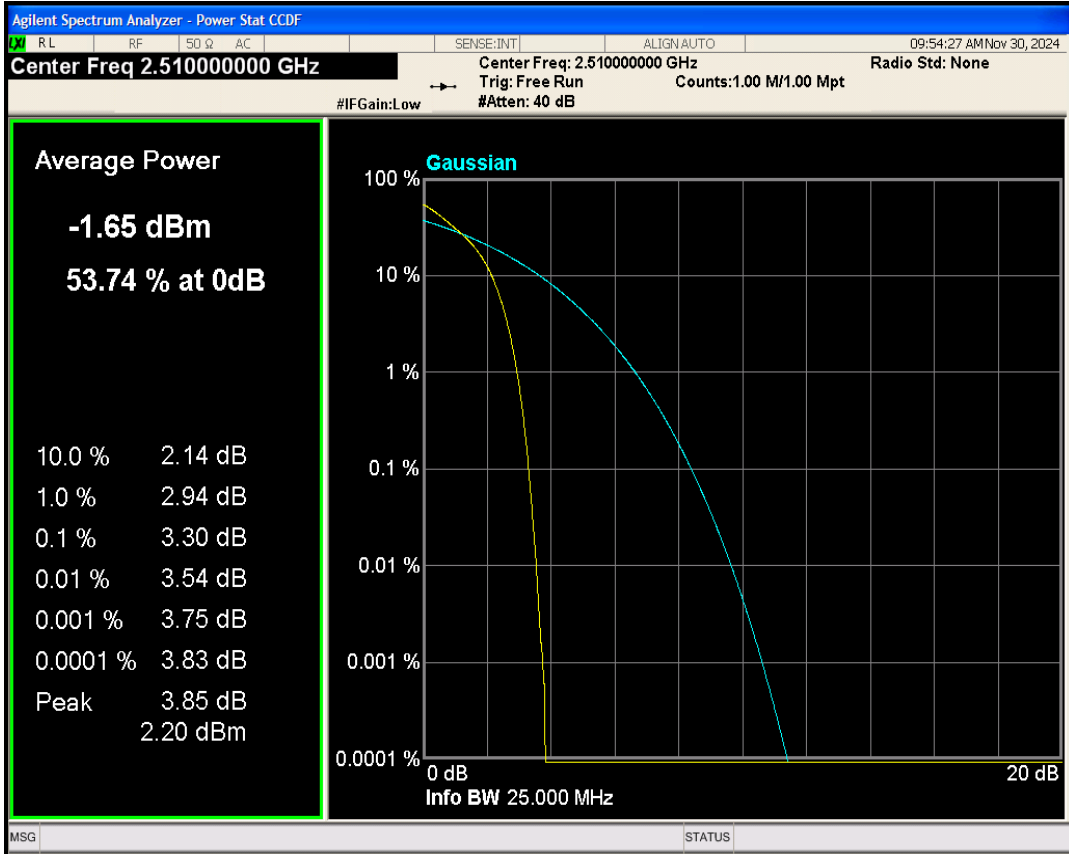


Band7 16QAM BW=15MHz Channel=21375 RB Size=1 Position=#0

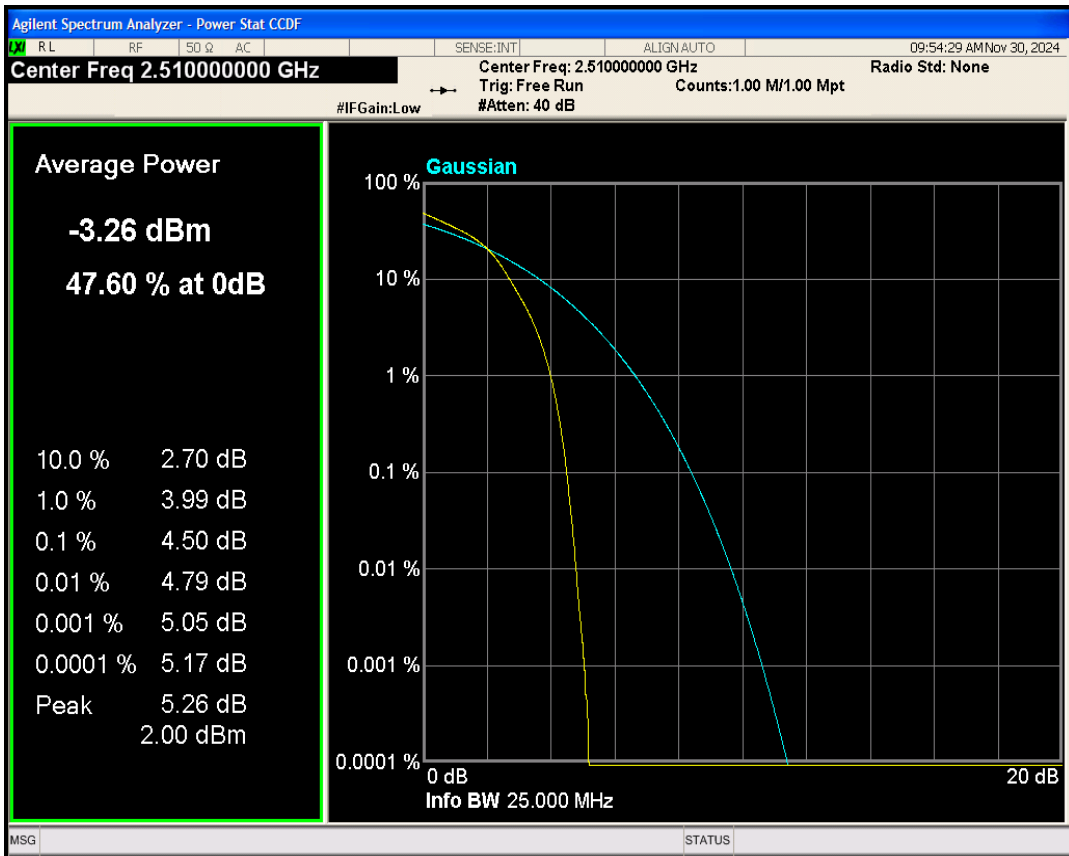


Band7 QPSK BW=20MHz Channel=20850 RB Size=1 Position=#0

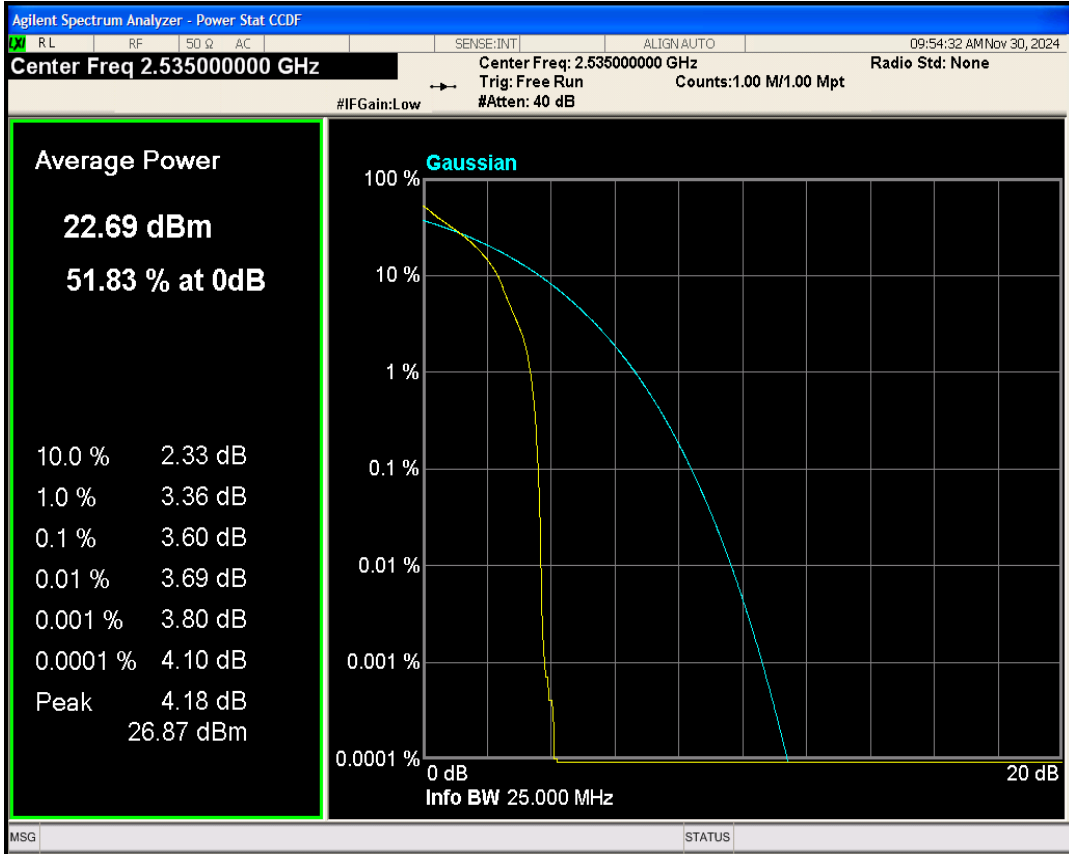




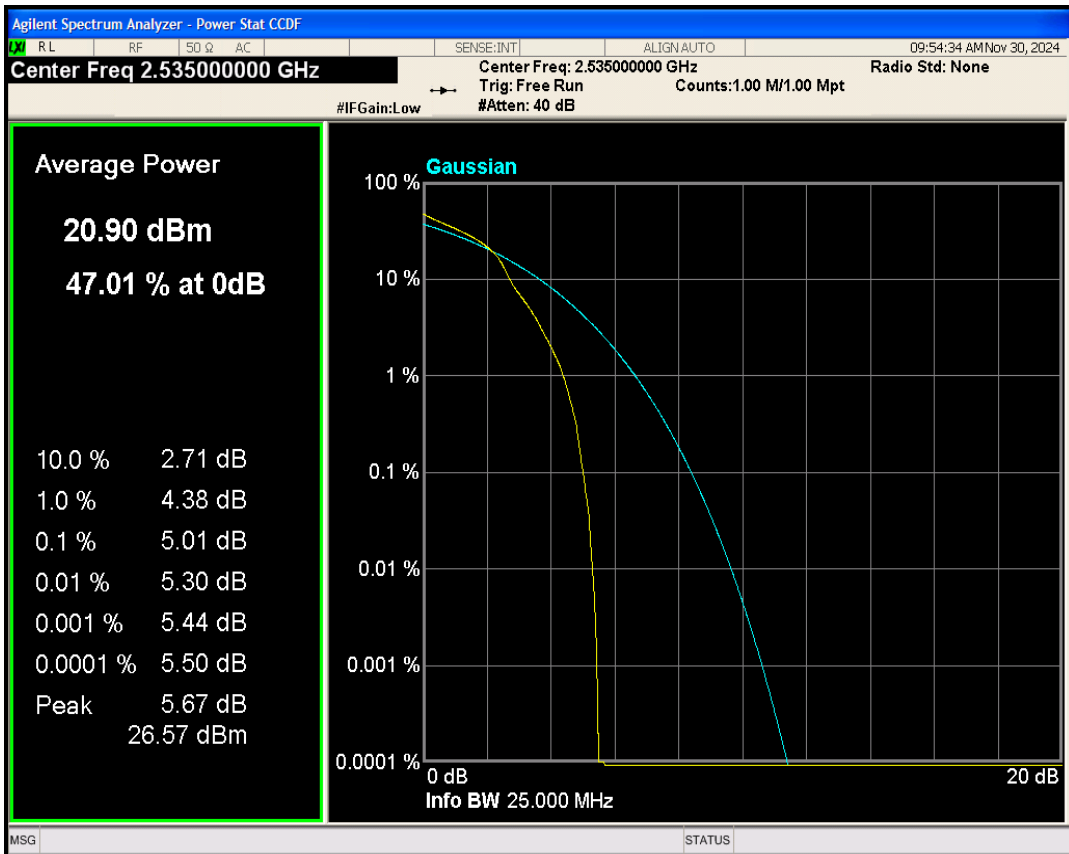
Band7 16QAM BW=20MHz Channel=20850 RB Size=1 Position=#0



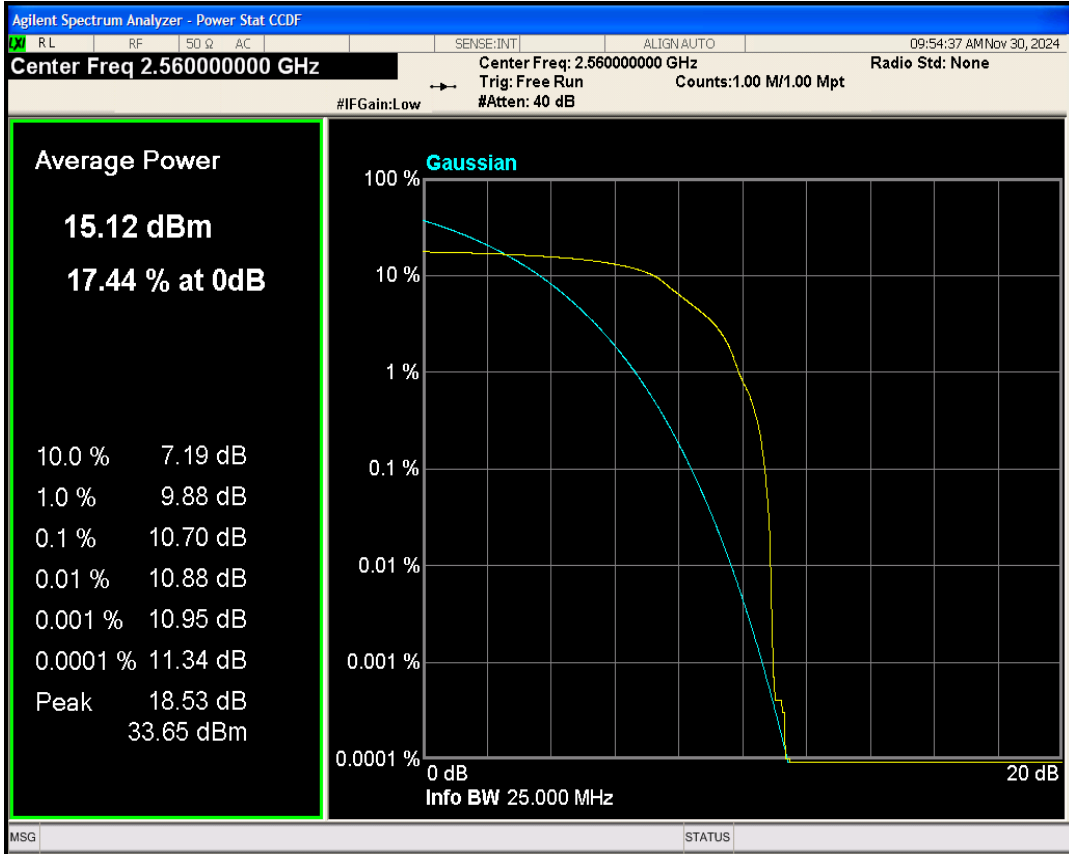
Band7 QPSK BW=20MHz Channel=21100 RB Size=1 Position=#0



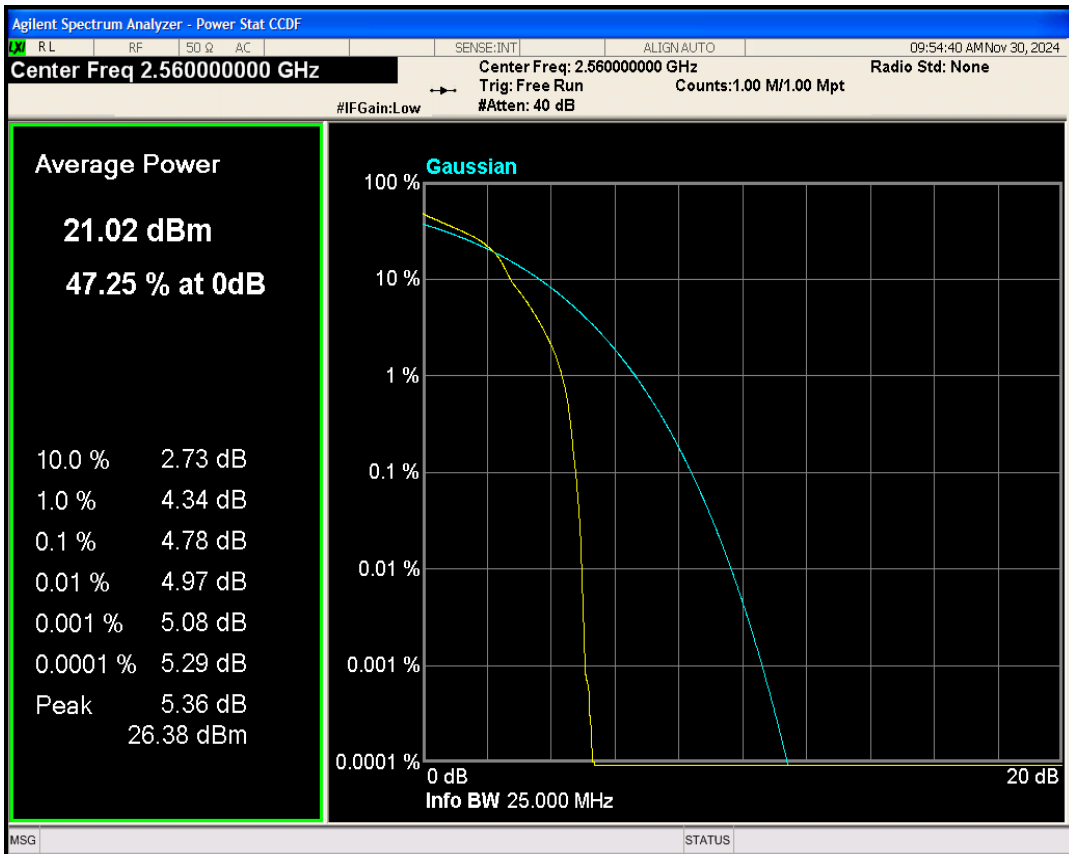
Band7 16QAM BW=20MHz Channel=21100 RB Size=1 Position=#0



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



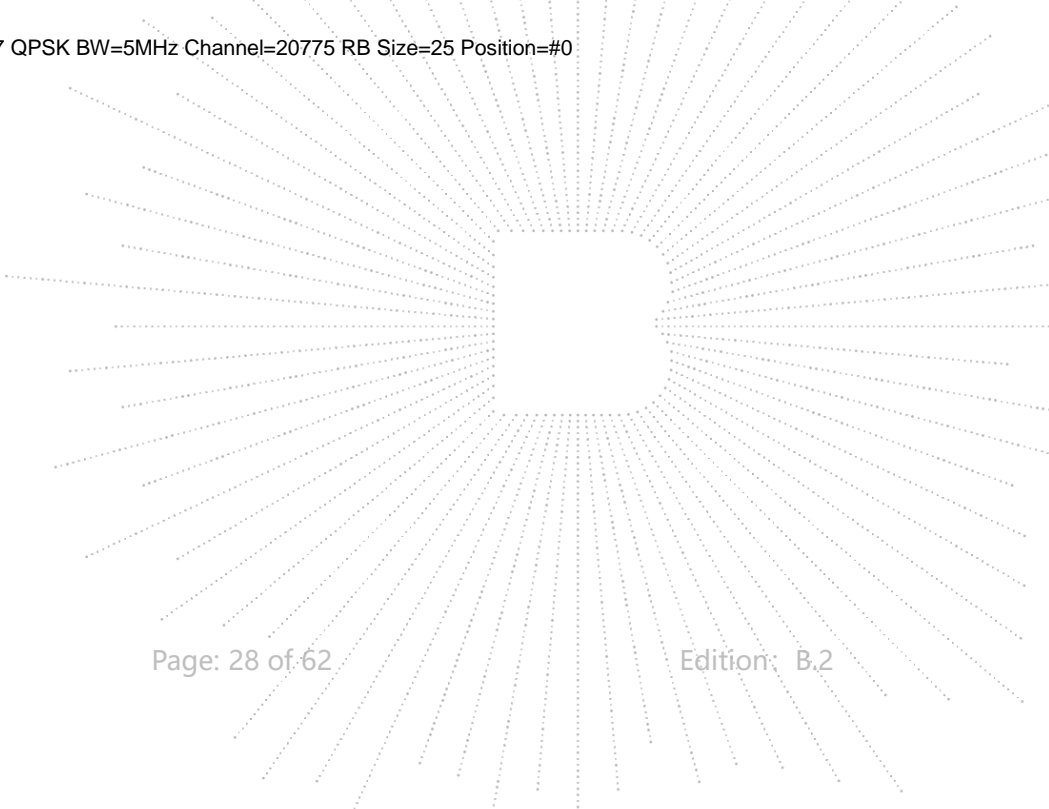
Band7 16QAM BW=20MHz Channel=21350 RB Size=1 Position=#0

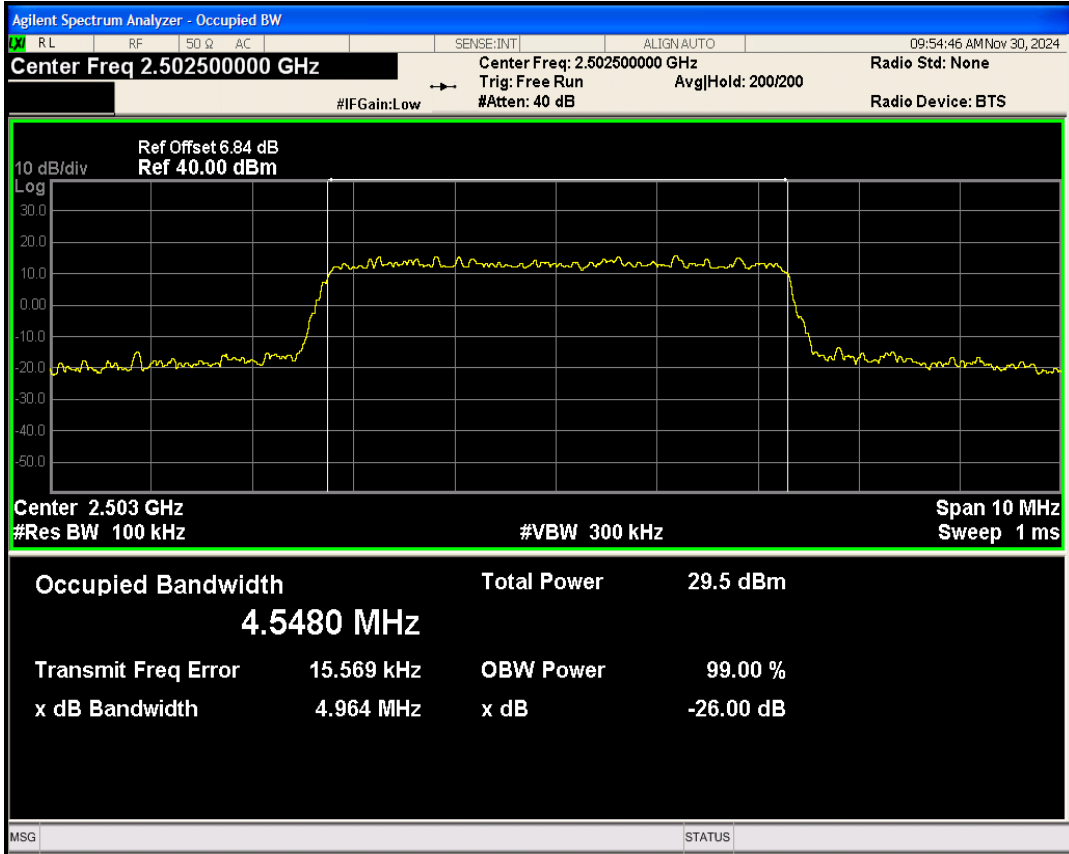


**Appendix 4. Occupied bandwidth**

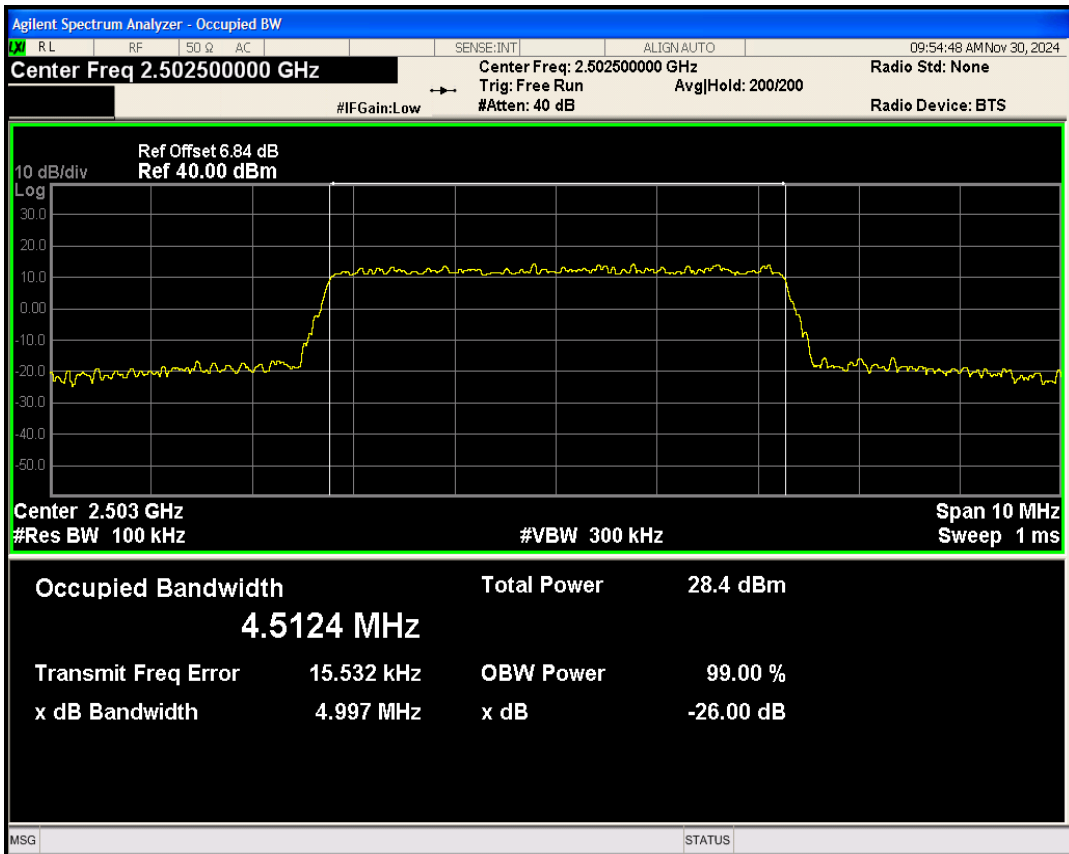
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
Band7	5	20775	25	#0	QPSK	4.548	4.964	PASS
Band7	5	20775	25	#0	16QAM	4.512	4.997	PASS
Band7	5	21100	25	#0	QPSK	4.509	4.948	PASS
Band7	5	21100	25	#0	16QAM	4.514	4.976	PASS
Band7	5	21425	25	#0	QPSK	4.492	4.990	PASS
Band7	5	21425	25	#0	16QAM	4.535	4.992	PASS
Band7	10	20800	50	#0	QPSK	9.006	9.914	PASS
Band7	10	20800	50	#0	16QAM	8.979	9.915	PASS
Band7	10	21100	50	#0	QPSK	8.991	9.858	PASS
Band7	10	21100	50	#0	16QAM	9.005	9.837	PASS
Band7	10	21400	50	#0	QPSK	9.001	9.924	PASS
Band7	10	21400	50	#0	16QAM	9.007	9.940	PASS
Band7	15	20825	75	#0	QPSK	13.479	14.864	PASS
Band7	15	20825	75	#0	16QAM	13.451	14.919	PASS
Band7	15	21100	75	#0	QPSK	13.508	14.836	PASS
Band7	15	21100	75	#0	16QAM	13.483	15.006	PASS
Band7	15	21375	75	#0	QPSK	13.481	14.932	PASS
Band7	15	21375	75	#0	16QAM	13.492	14.813	PASS
Band7	20	20850	100	#0	QPSK	17.957	19.793	PASS
Band7	20	20850	100	#0	16QAM	18.066	19.743	PASS
Band7	20	21100	100	#0	QPSK	18.034	19.812	PASS
Band7	20	21100	100	#0	16QAM	18.061	19.601	PASS
Band7	20	21350	100	#0	QPSK	17.957	19.575	PASS
Band7	20	21350	100	#0	16QAM	17.968	19.556	PASS

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

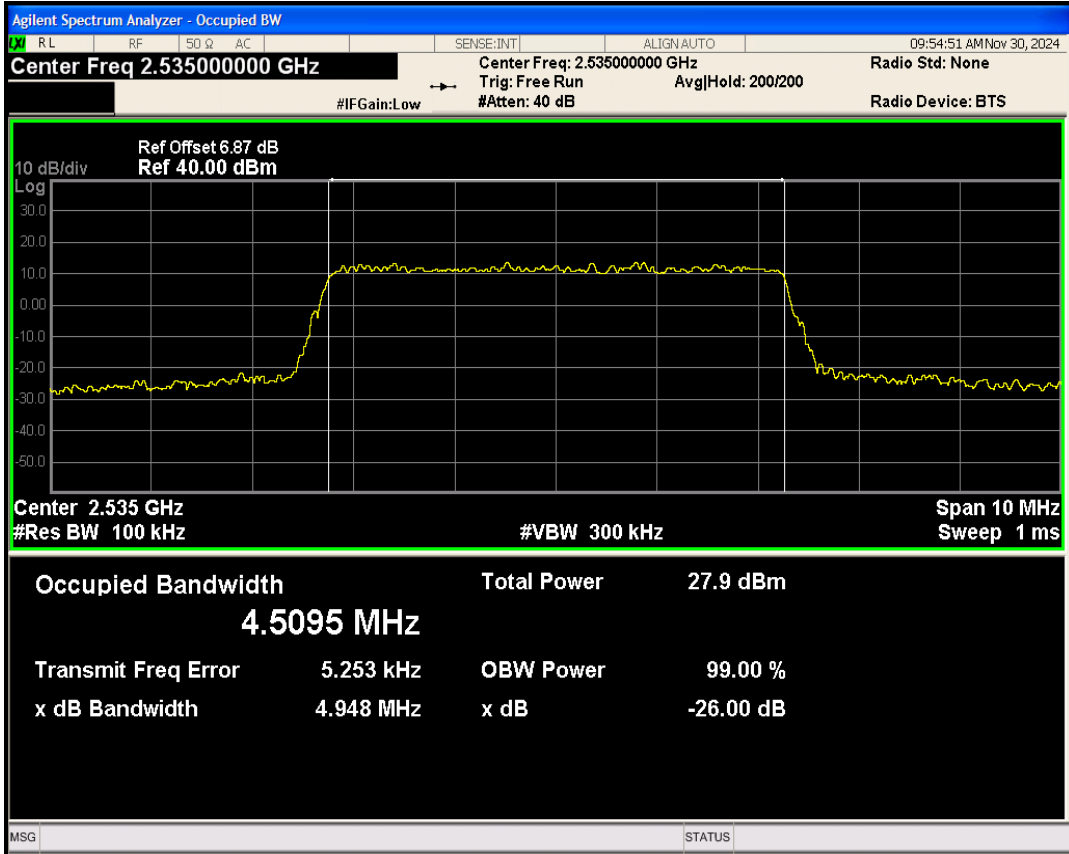




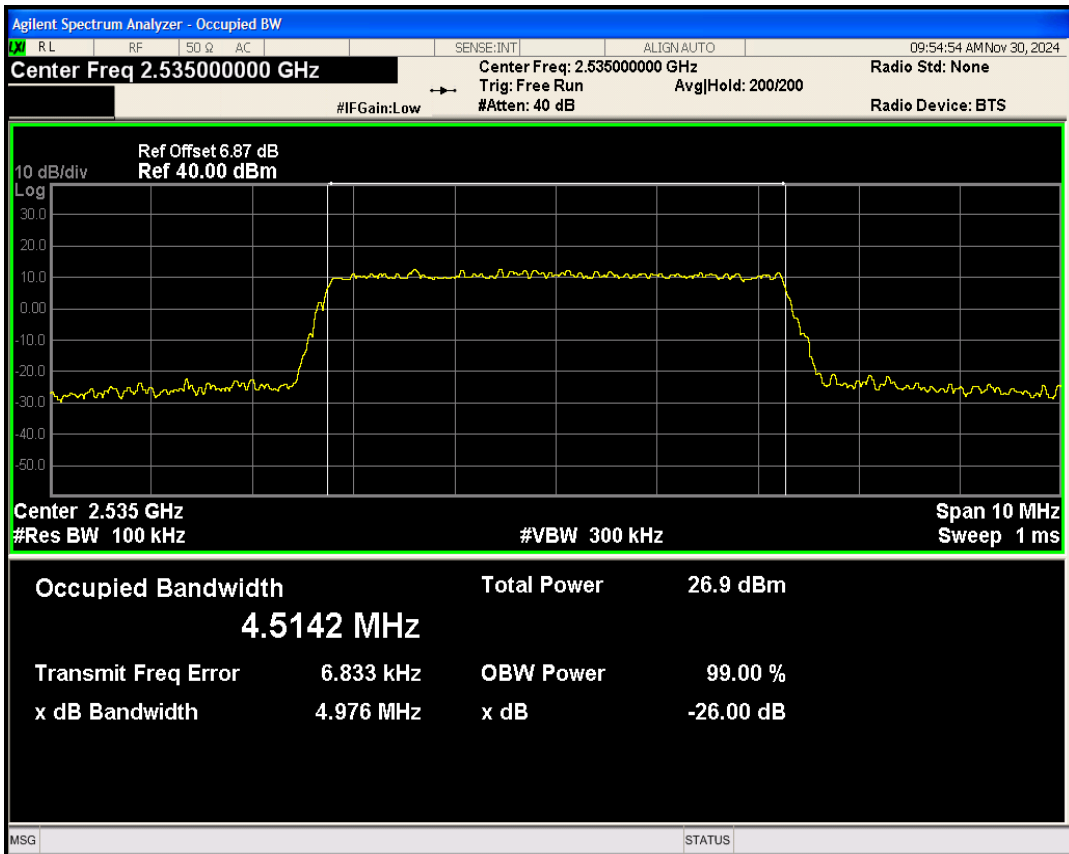
Band7 16QAM BW=5MHz Channel=20775 RB Size=25 Position=#0



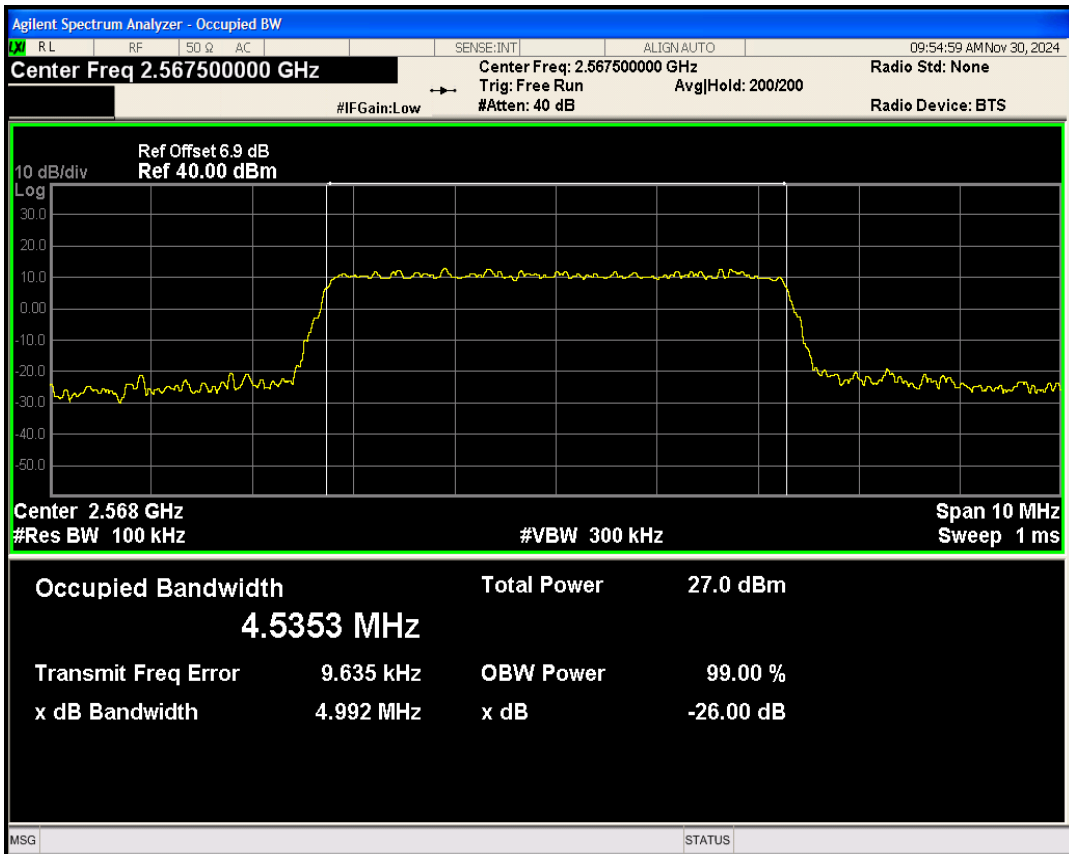
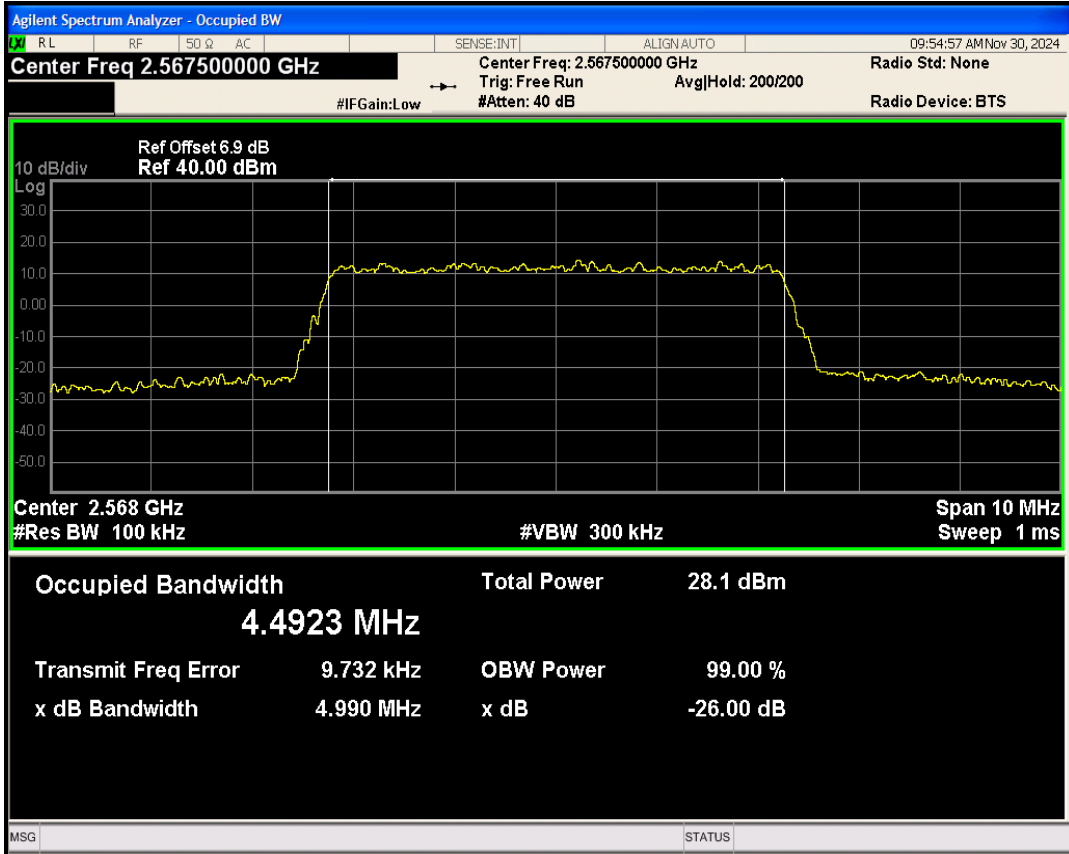
Band7 QPSK BW=5MHz Channel=21100 RB Size=25 Position=#0

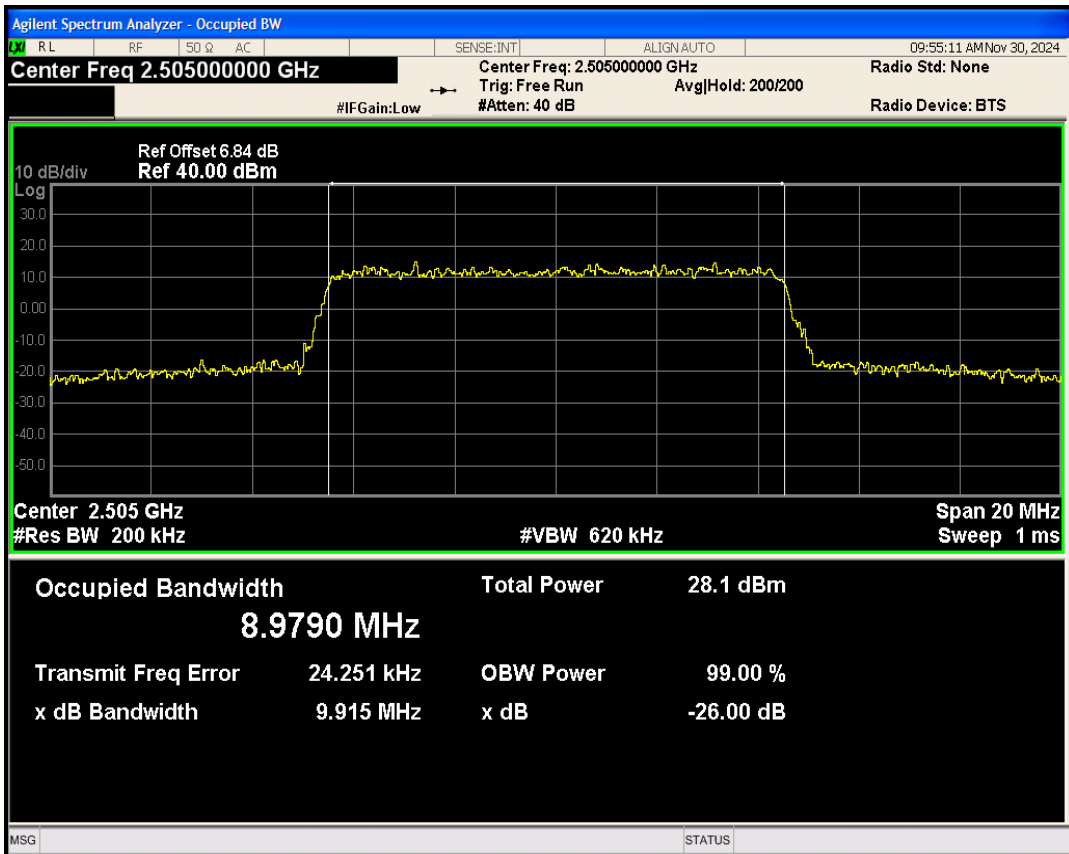
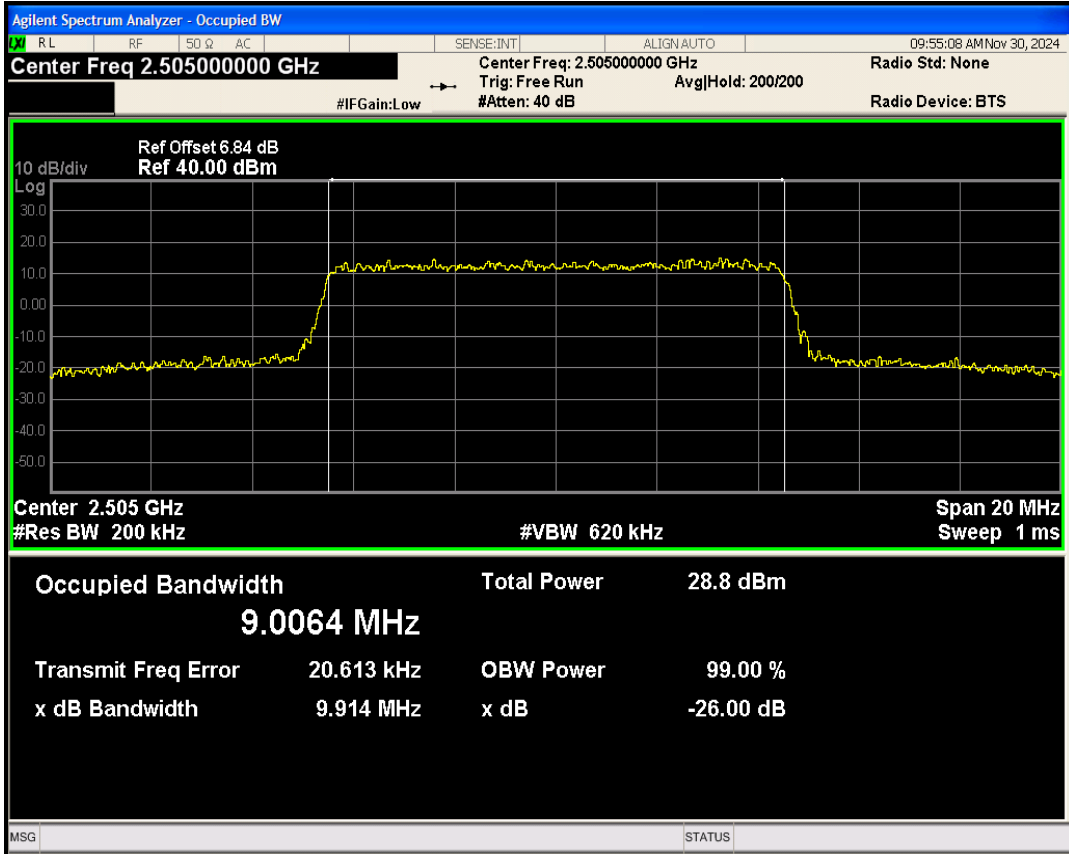


Band7 16QAM BW=5MHz Channel=21100 RB Size=25 Position=#0

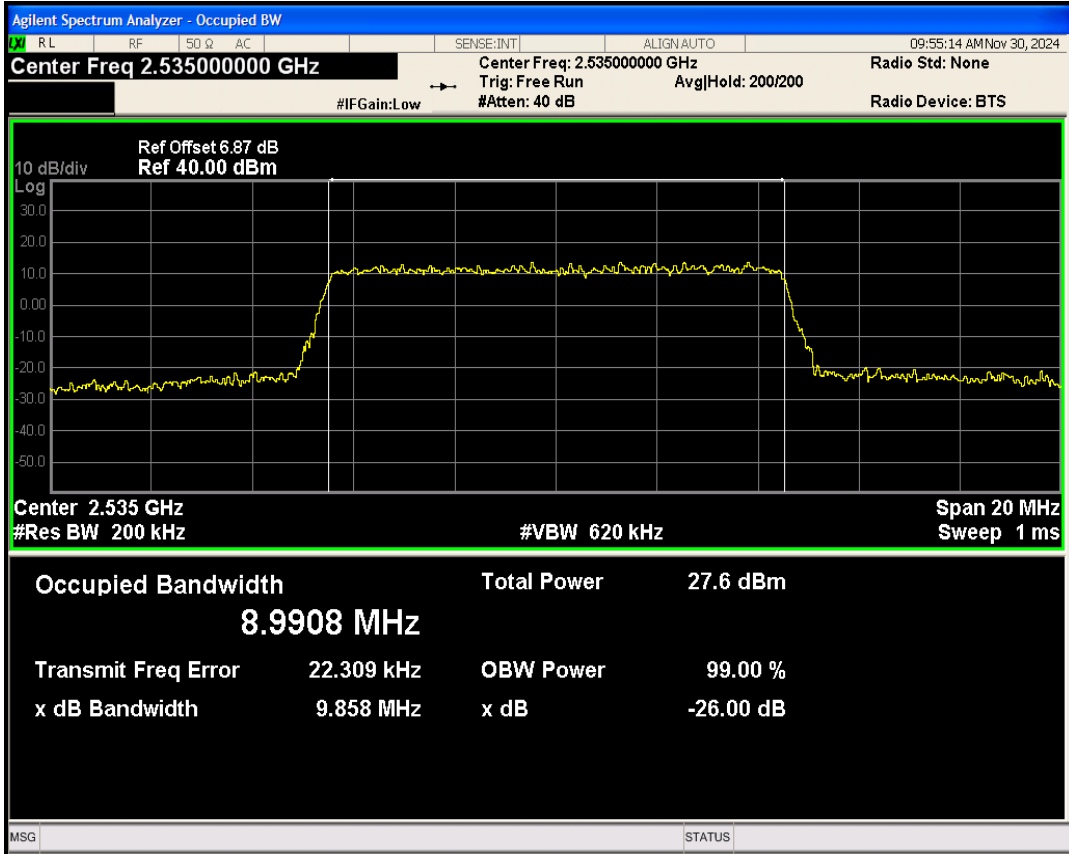


Band7 QPSK BW=5MHz Channel=21425 RB Size=25 Position=#0

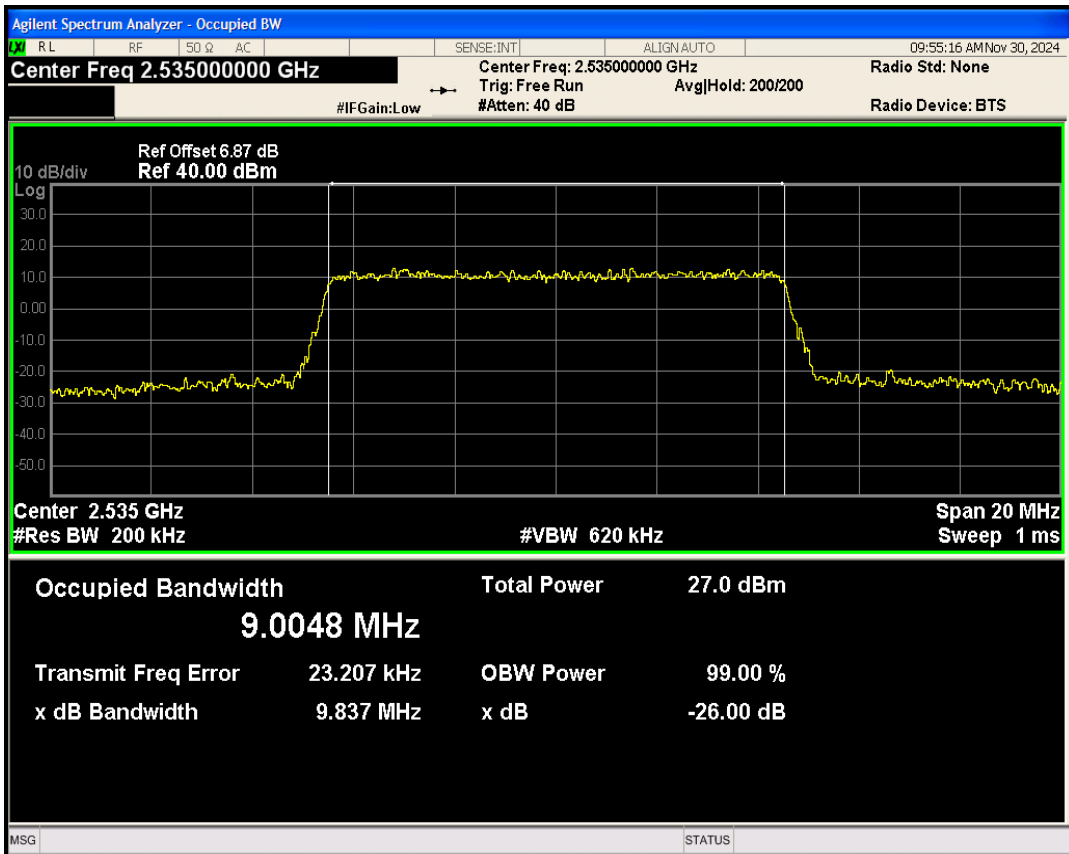




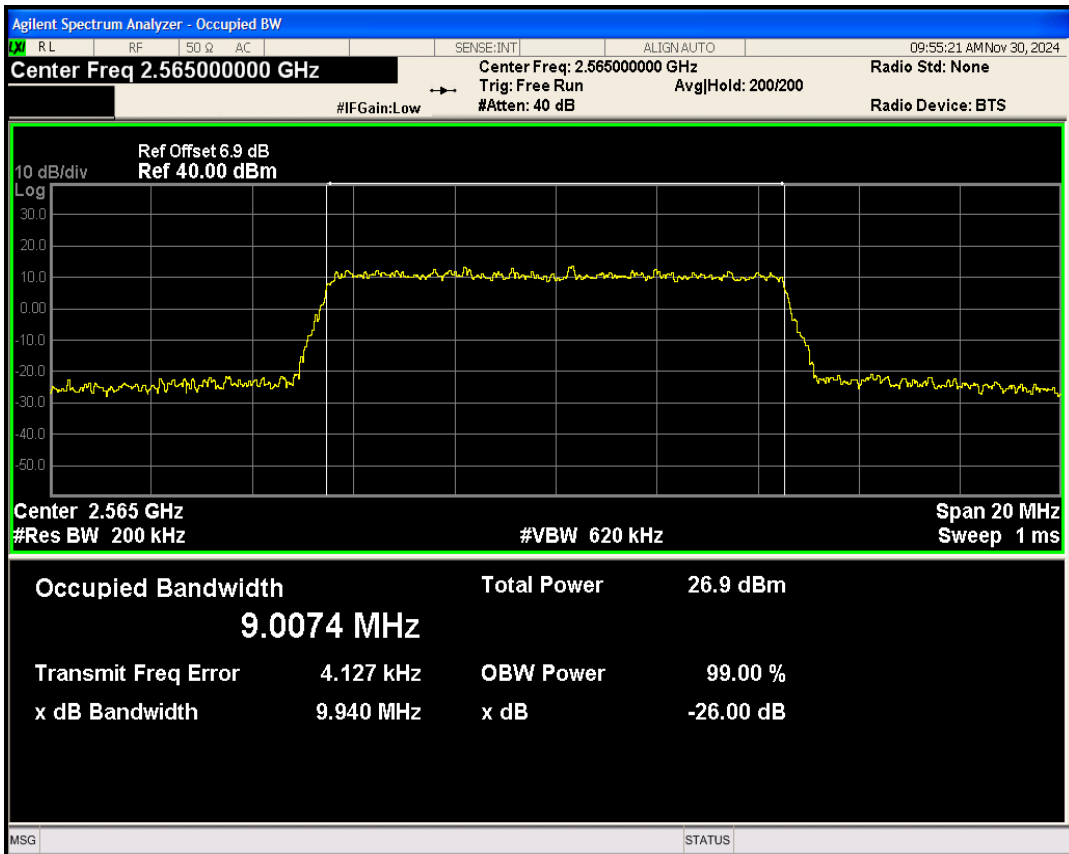
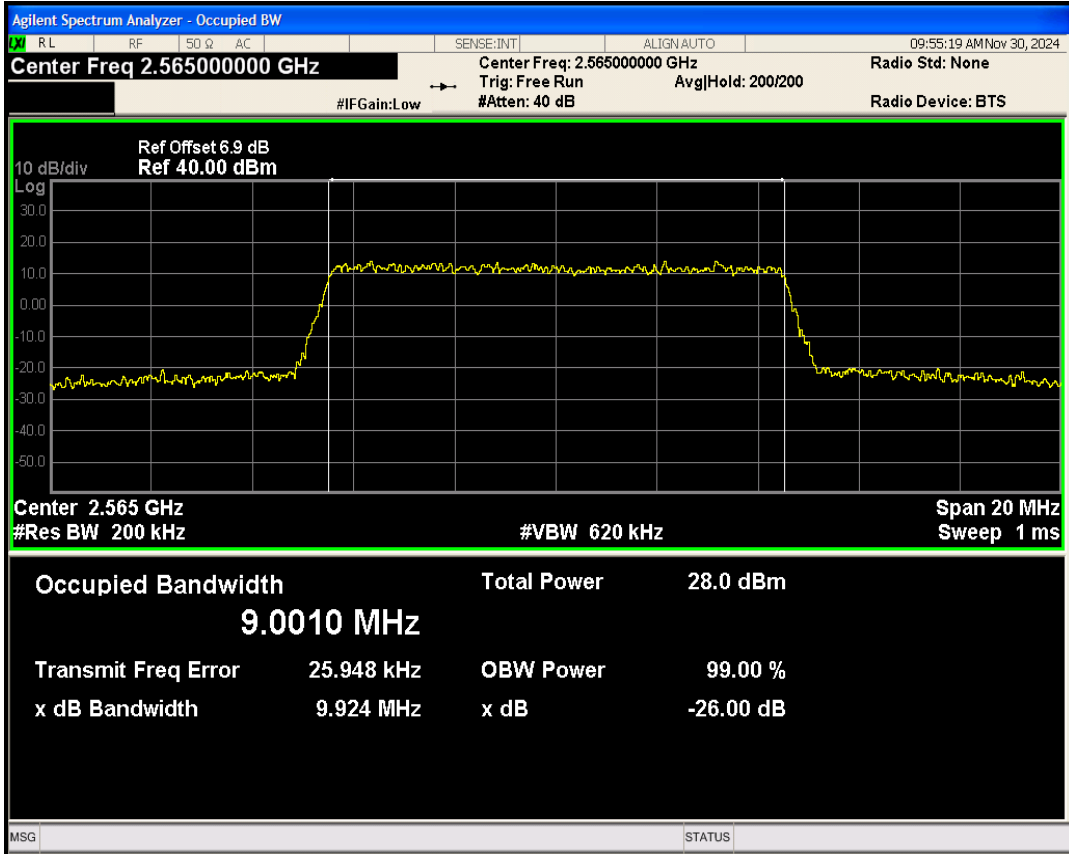


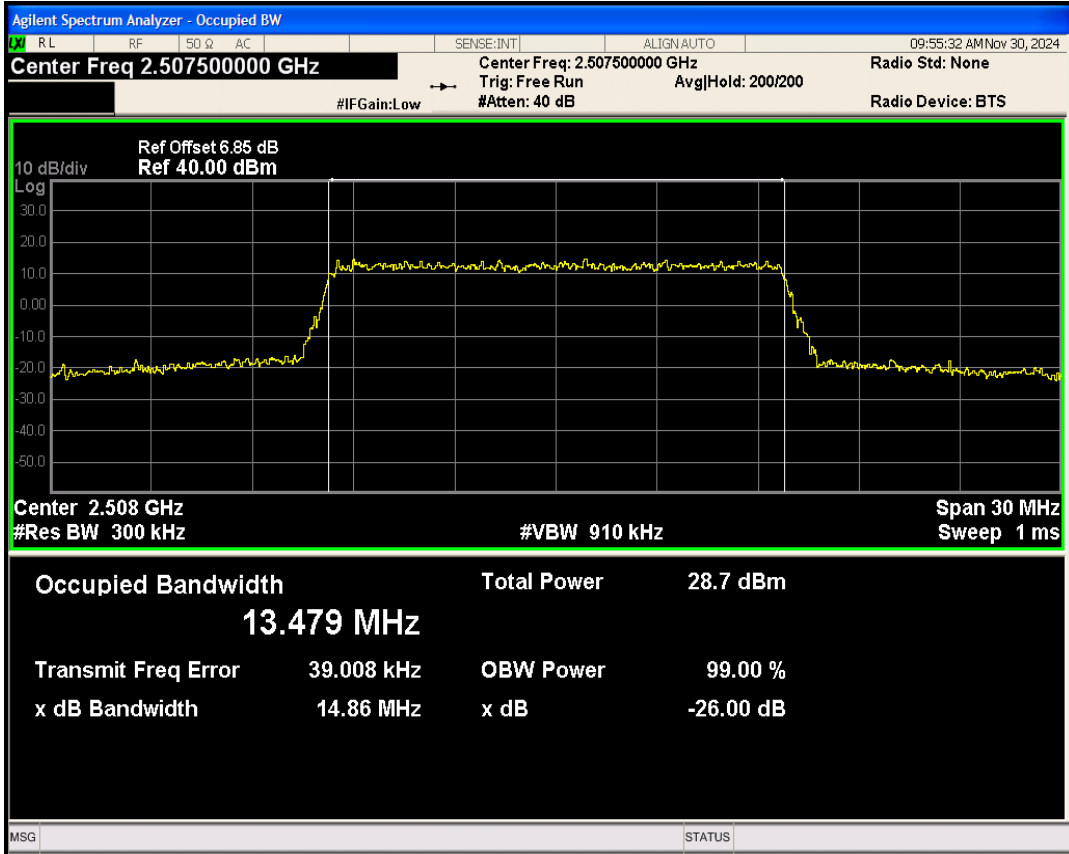


Band7 16QAM BW=10MHz Channel=21100 RB Size=50 Position=#0

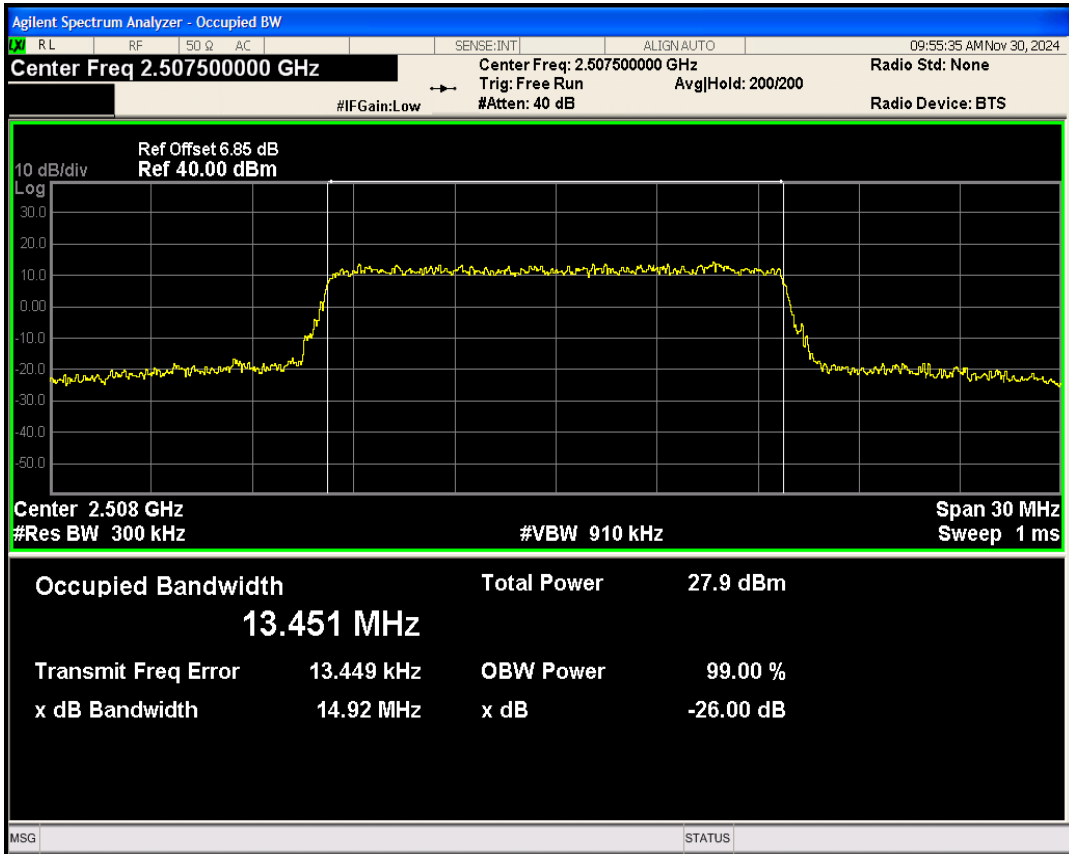


Band7 QPSK BW=10MHz Channel=21400 RB Size=50 Position=#0

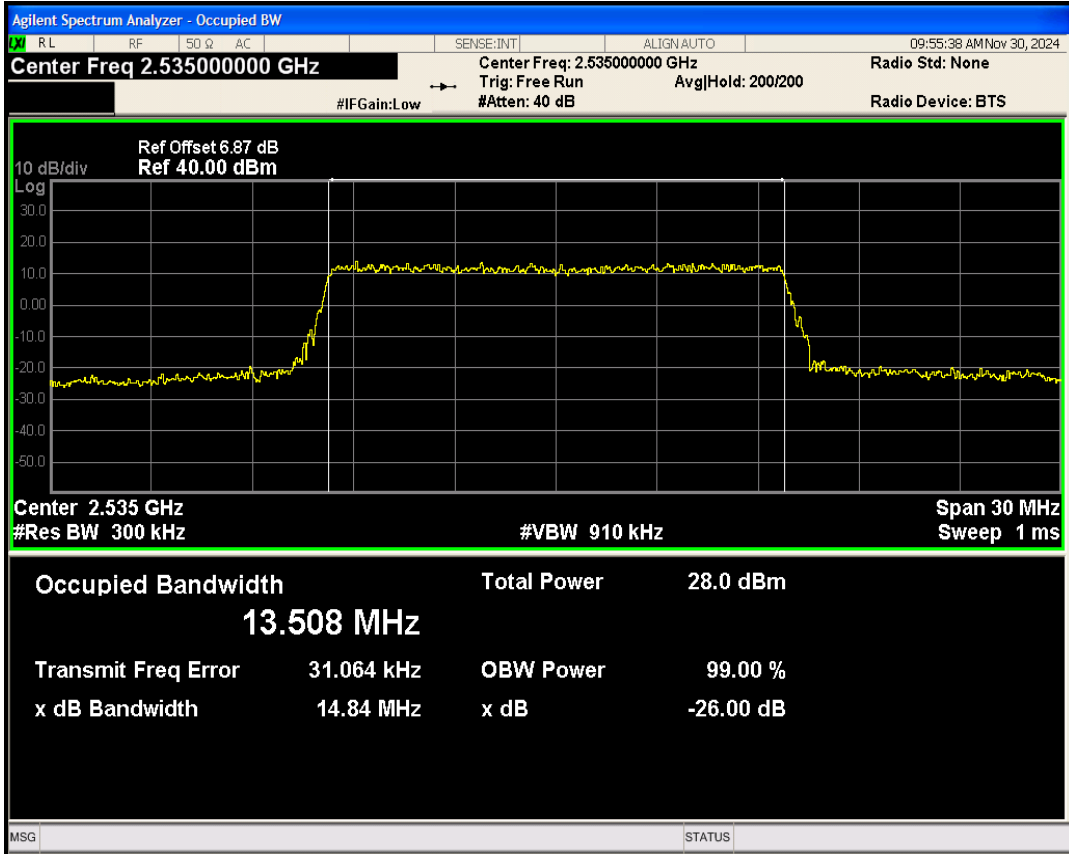




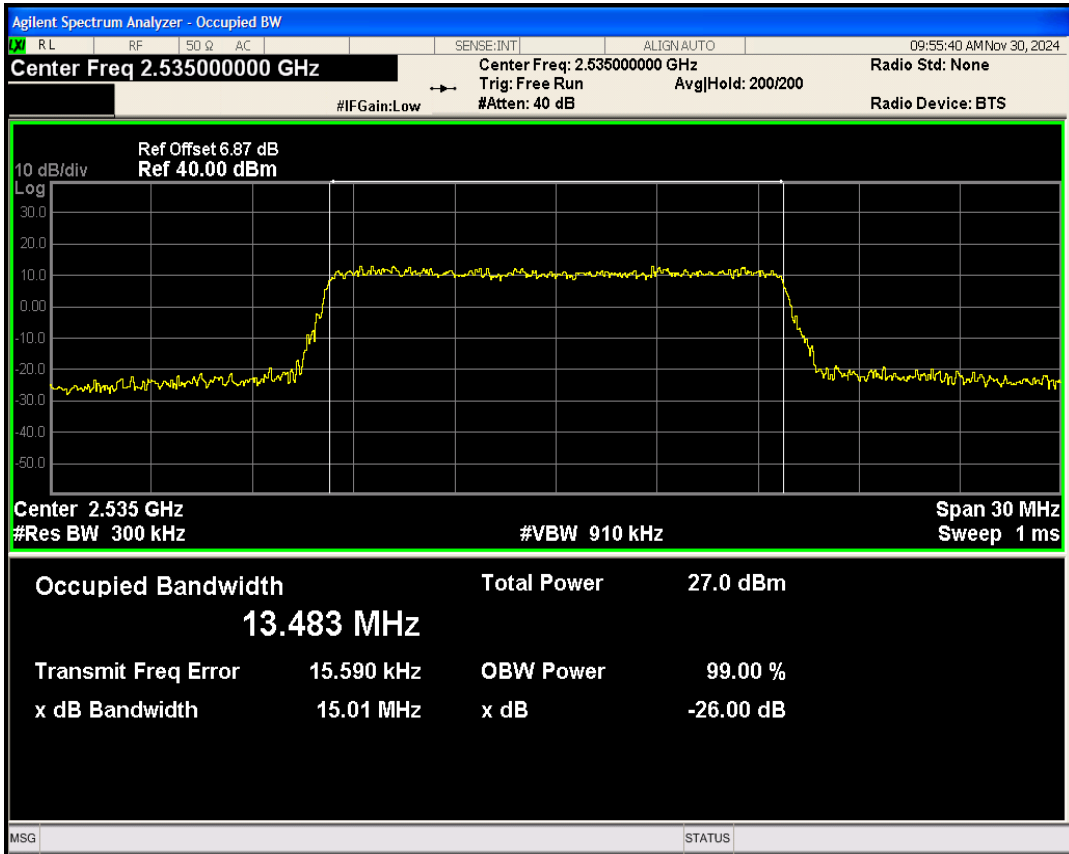
Band7 16QAM BW=15MHz Channel=20825 RB Size=75 Position=#0



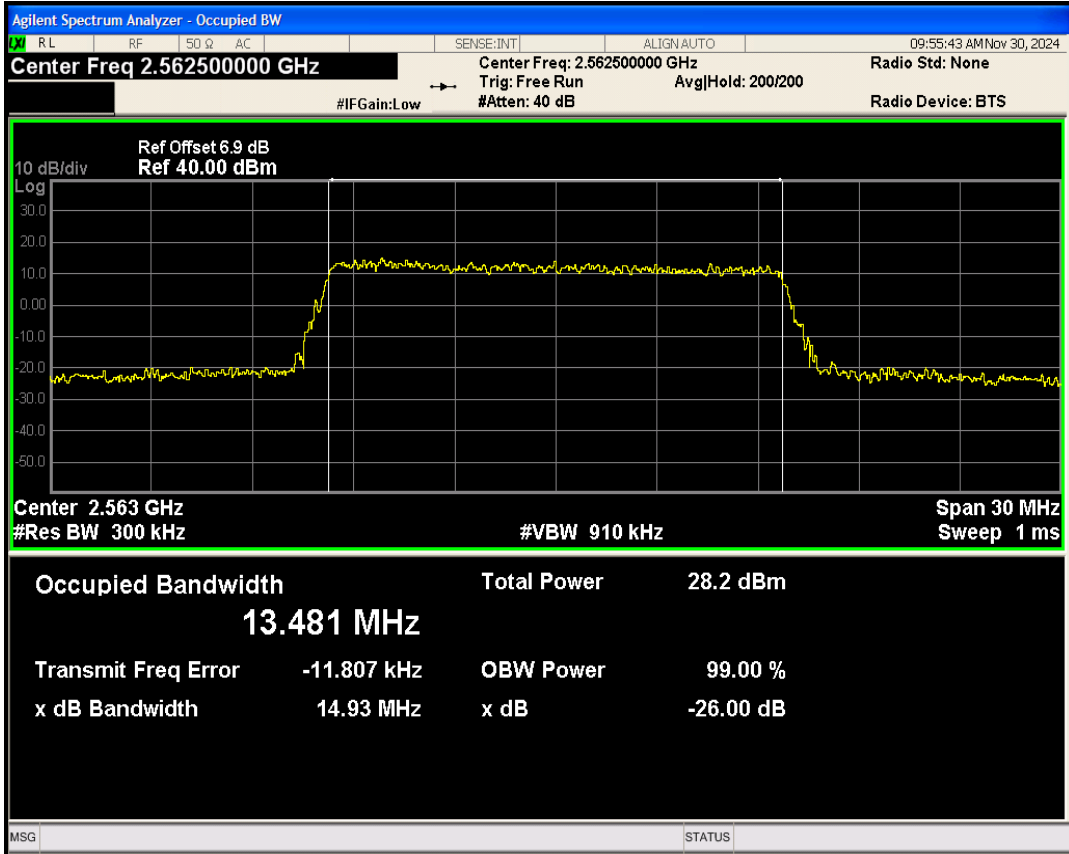
Band7 QPSK BW=15MHz Channel=21100 RB Size=75 Position=#0



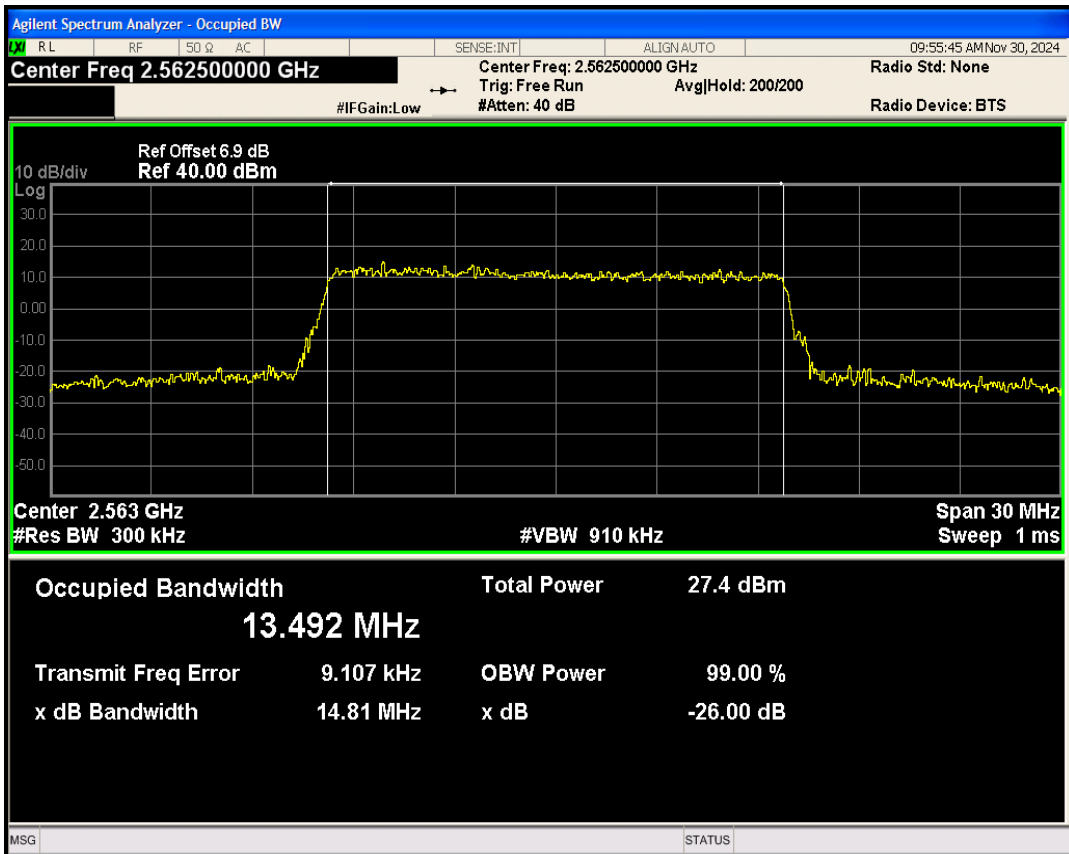
Band7 16QAM BW=15MHz Channel=21100 RB Size=75 Position=#0



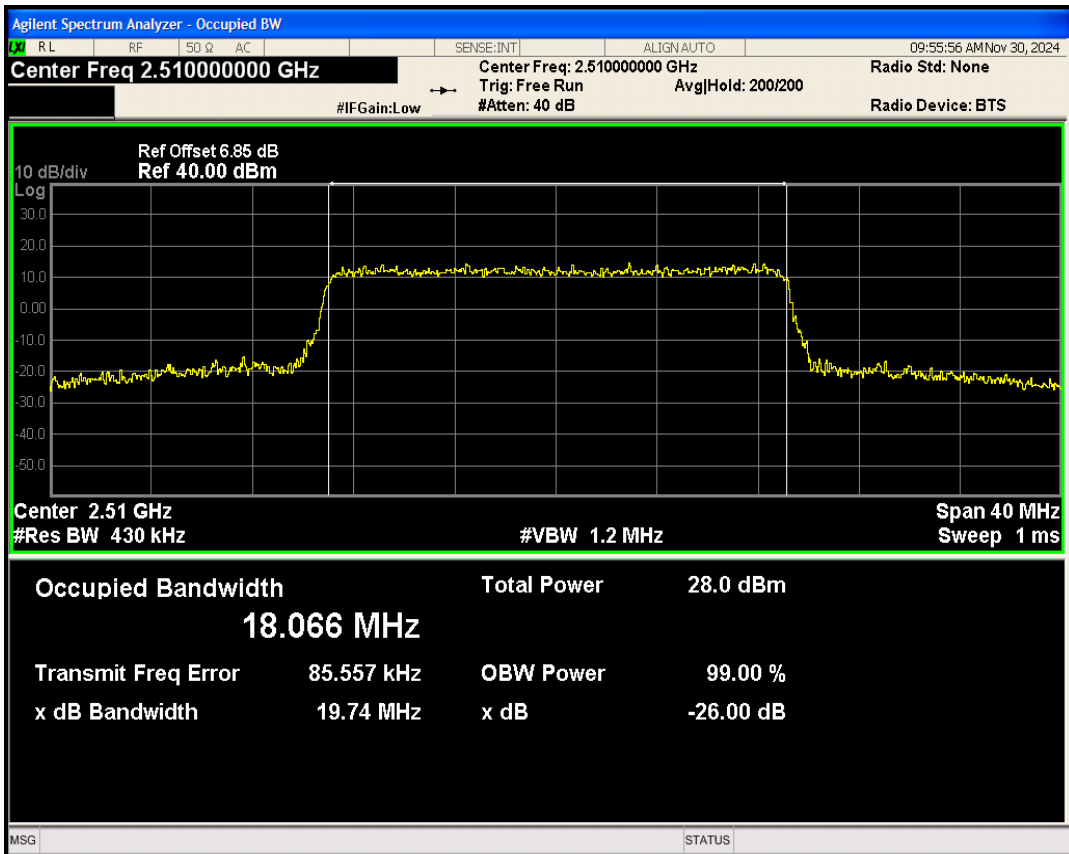
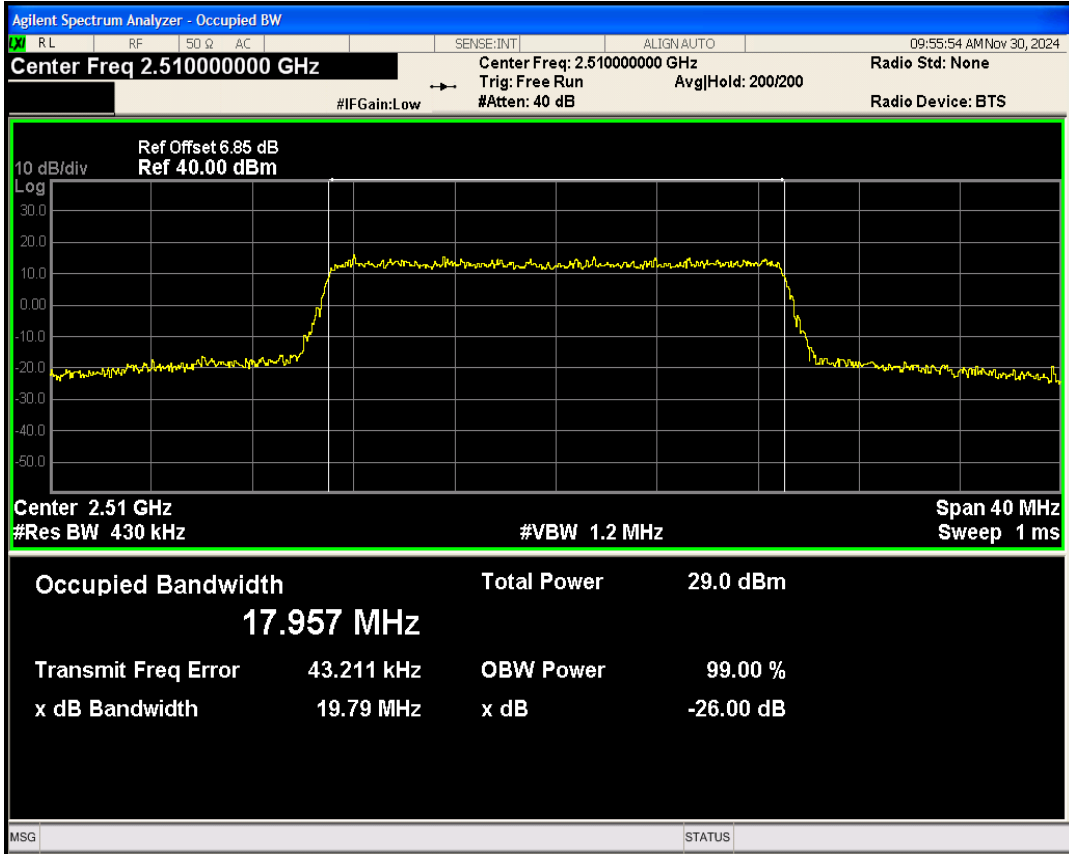
Band7 QPSK BW=15MHz Channel=21375 RB Size=75 Position=#0

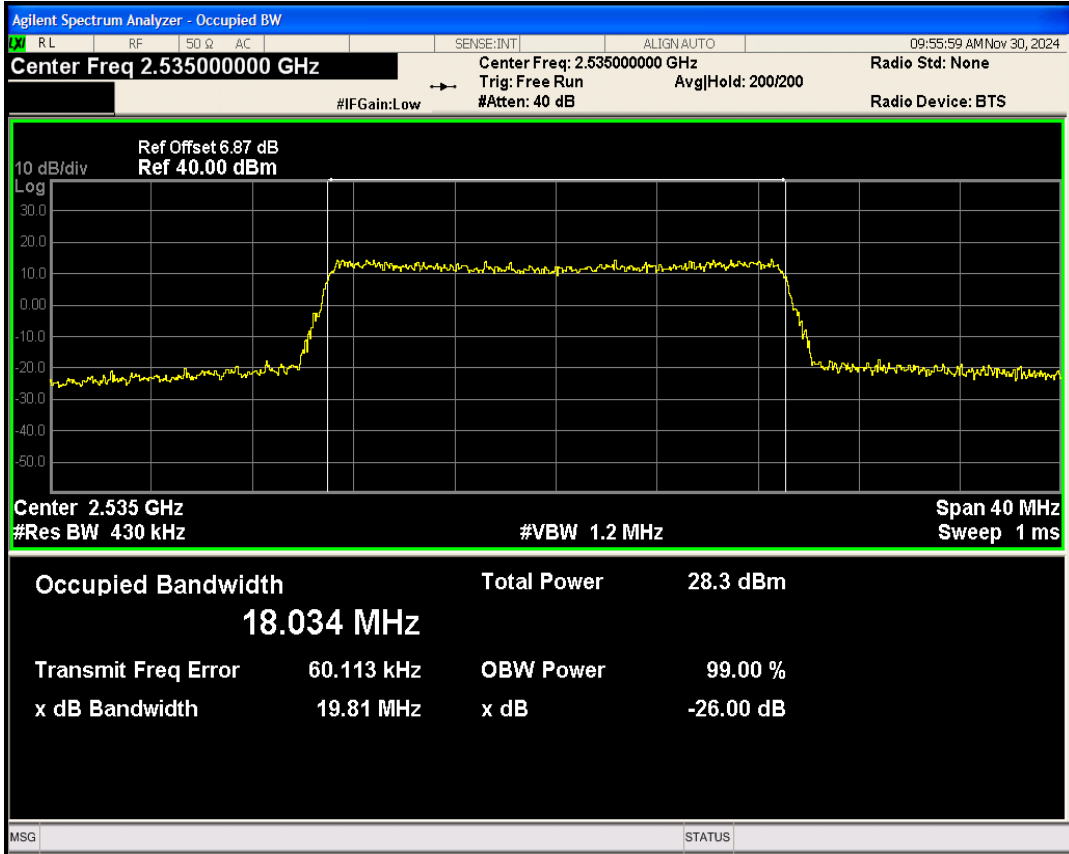


Band7 16QAM BW=15MHz Channel=21375 RB Size=75 Position=#0

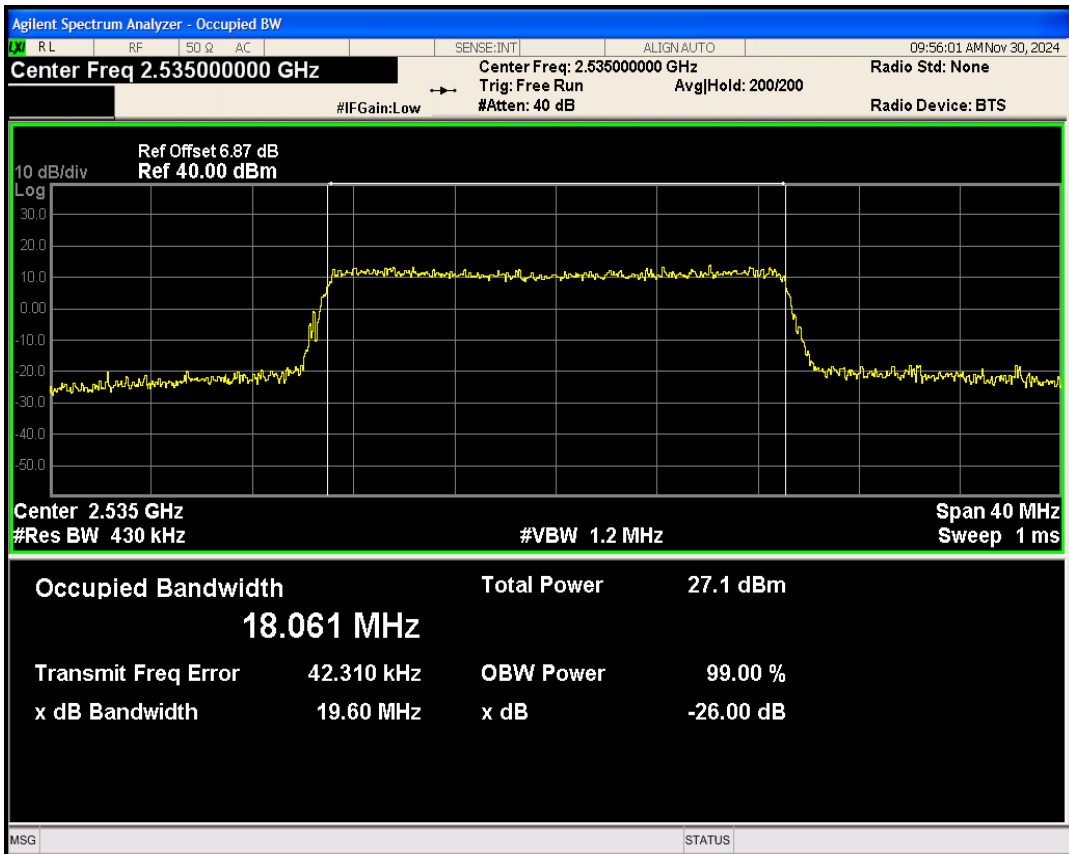


Band7 QPSK BW=20MHz Channel=20850 RB Size=100 Position=#0

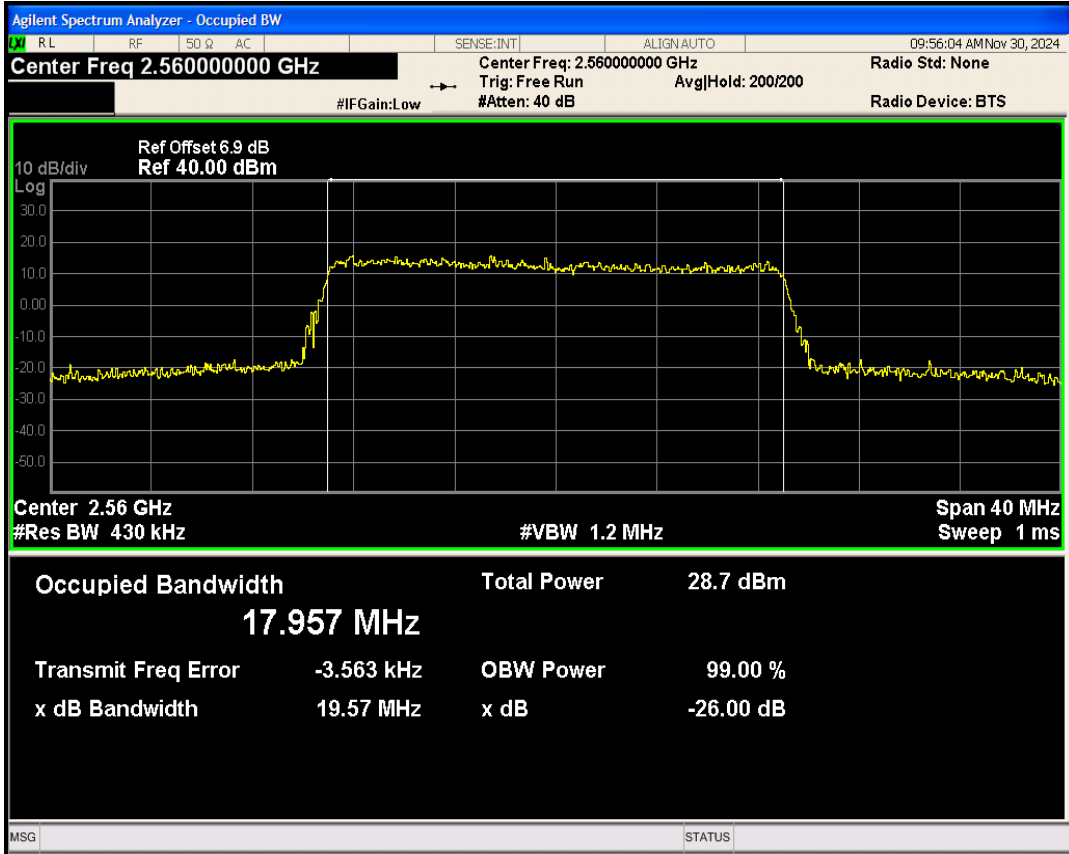




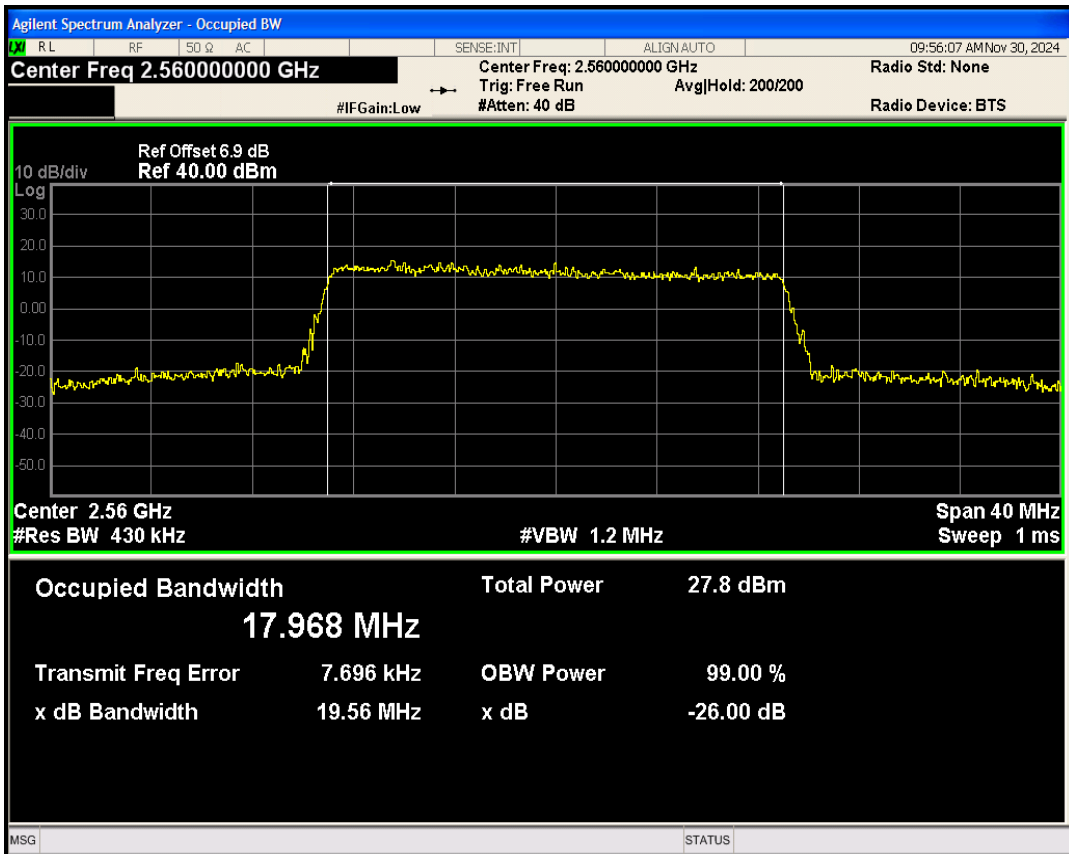
Band7 16QAM BW=20MHz Channel=21100 RB Size=100 Position=#0



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



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

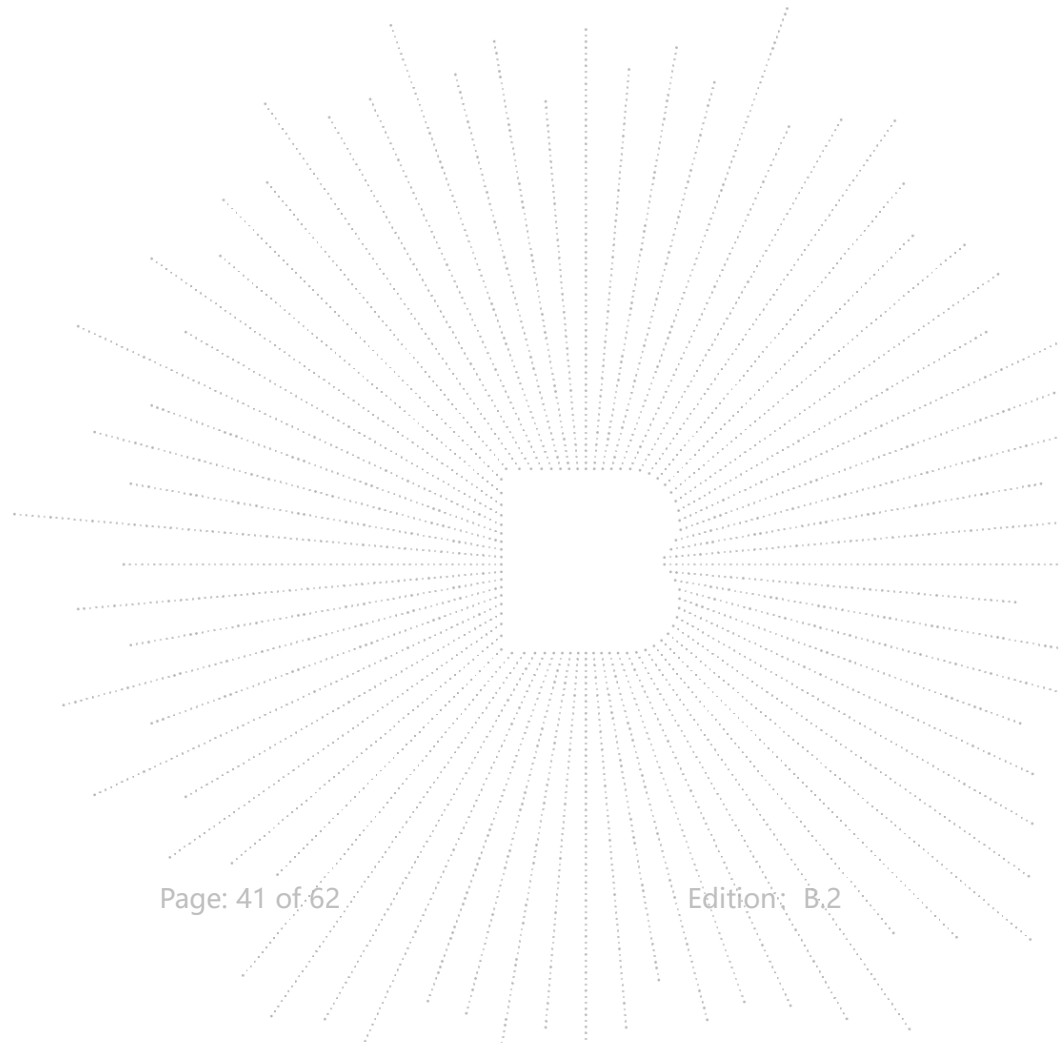


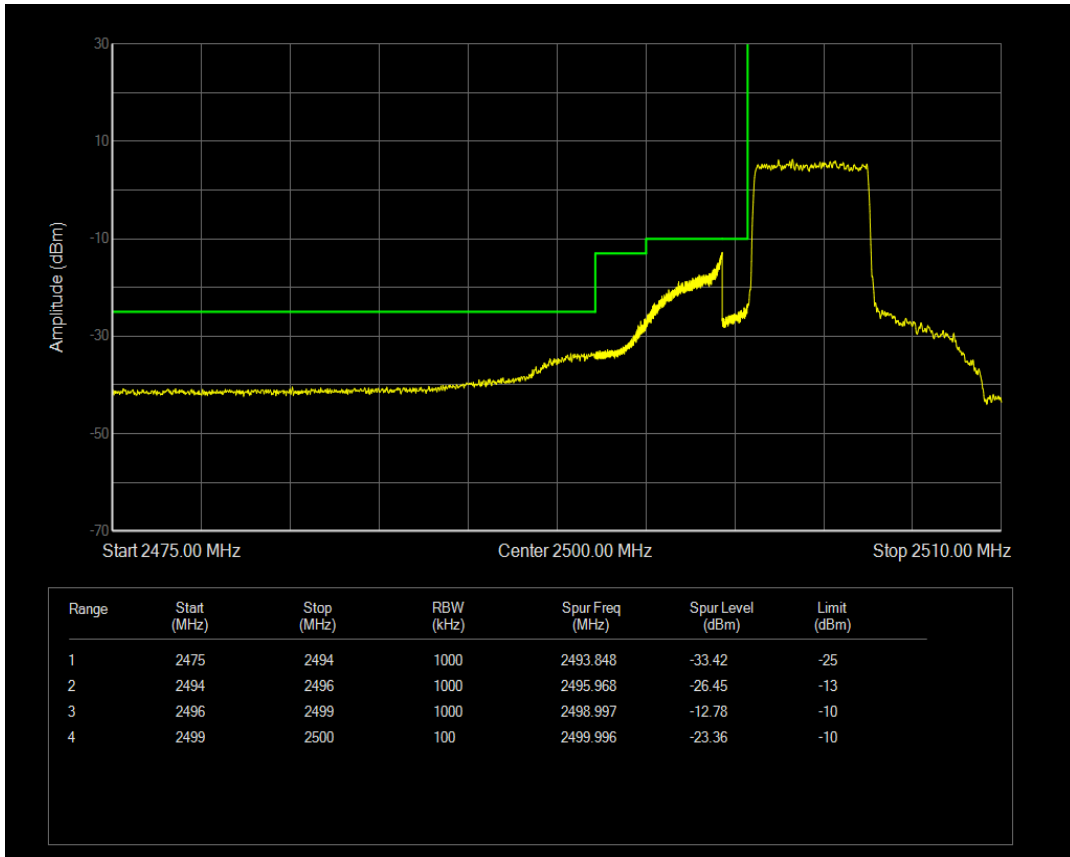


**Appendix 5. Band edge**

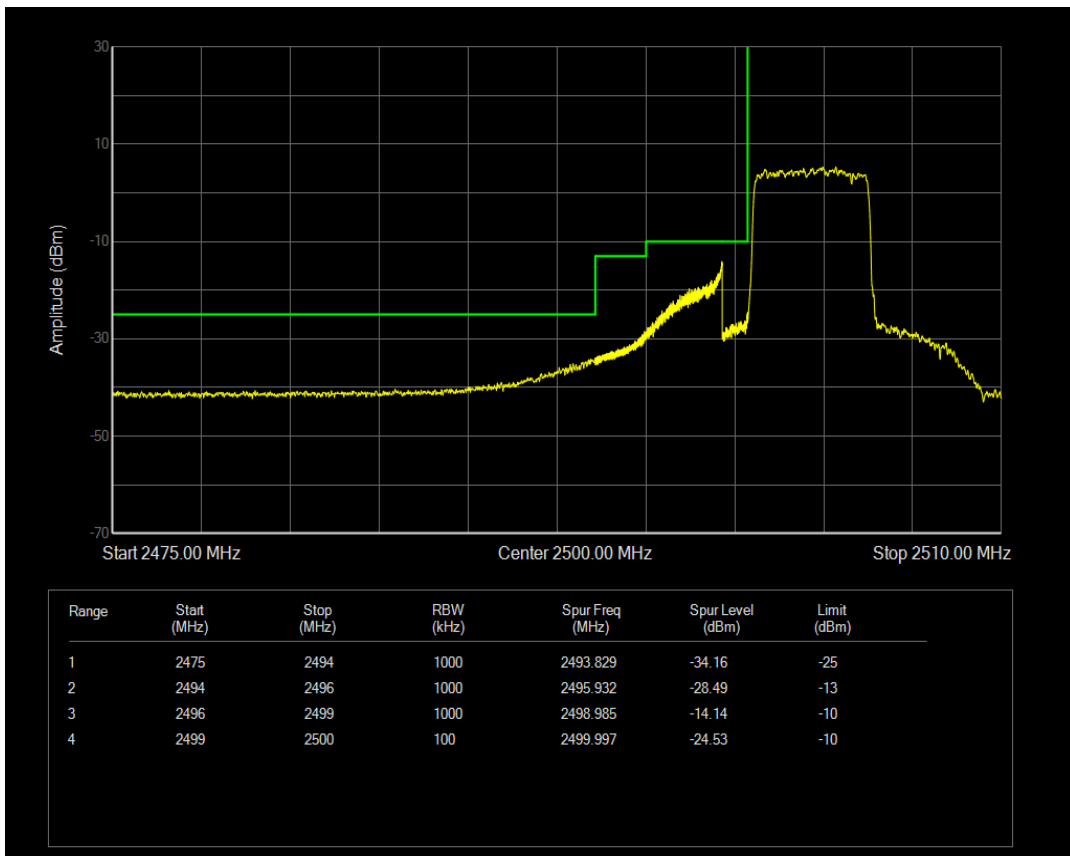
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band7	5	20775	25	#0	QPSK	2499.00	-12.78	-10	PASS
Band7	5	20775	25	#0	16QAM	2498.99	-14.14	-10	PASS
Band7	5	21425	25	#0	QPSK	2571.00	-14.99	-10	PASS
Band7	5	21425	25	#0	16QAM	2571.00	-16.55	-10	PASS
Band7	10	20800	50	#0	QPSK	2498.95	-18.43	-10	PASS
Band7	10	20800	50	#0	16QAM	2498.90	-20.13	-10	PASS
Band7	10	21400	50	#0	QPSK	2583.00	-35.97	-25	PASS
Band7	10	21400	50	#0	16QAM	2580.03	-35.29	-25	PASS
Band7	15	20825	75	#0	QPSK	2498.97	-19.64	-10	PASS
Band7	15	20825	75	#0	16QAM	2495.89	-23.44	-13	PASS
Band7	15	21375	75	#0	QPSK	2575.82	-24.76	-13	PASS
Band7	15	21375	75	#0	16QAM	2585.10	-37.20	-25	PASS
Band7	20	20850	100	#0	QPSK	2498.85	-22.20	-10	PASS
Band7	20	20850	100	#0	16QAM	2495.82	-25.61	-13	PASS
Band7	20	21350	100	#0	QPSK	2575.41	-26.21	-13	PASS
Band7	20	21350	100	#0	16QAM	2590.66	-38.91	-25	PASS

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

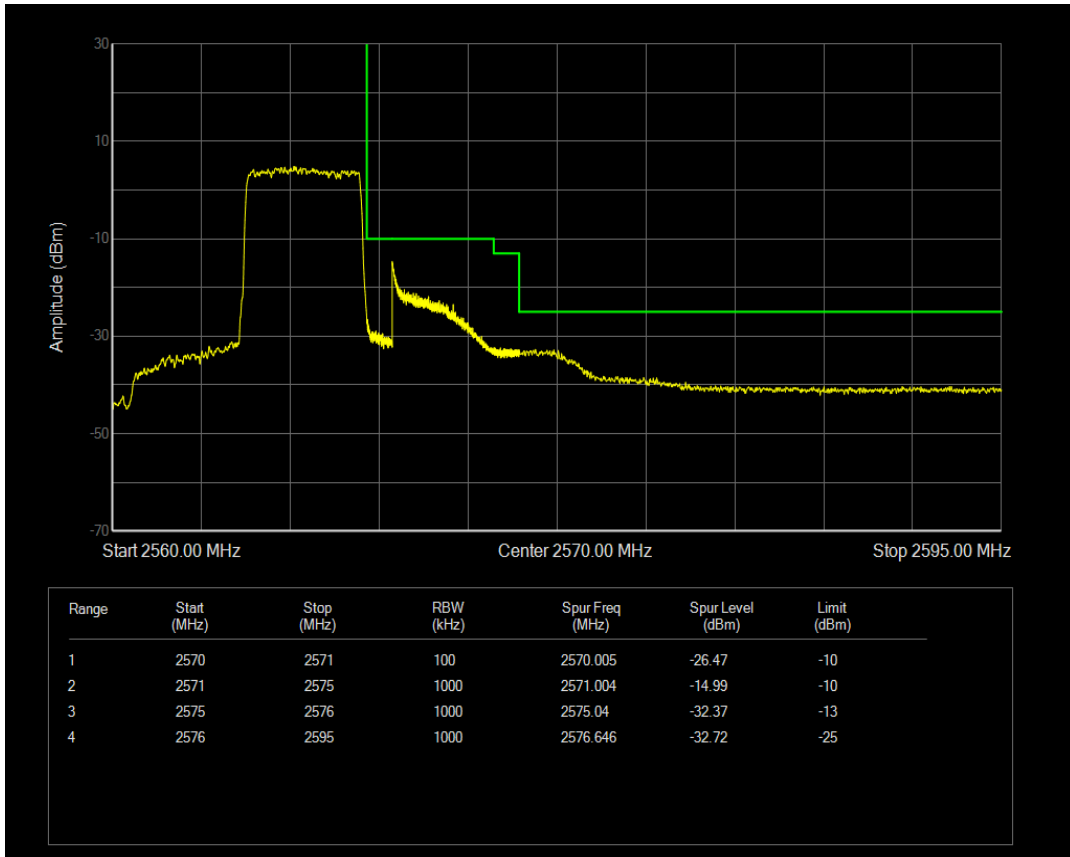




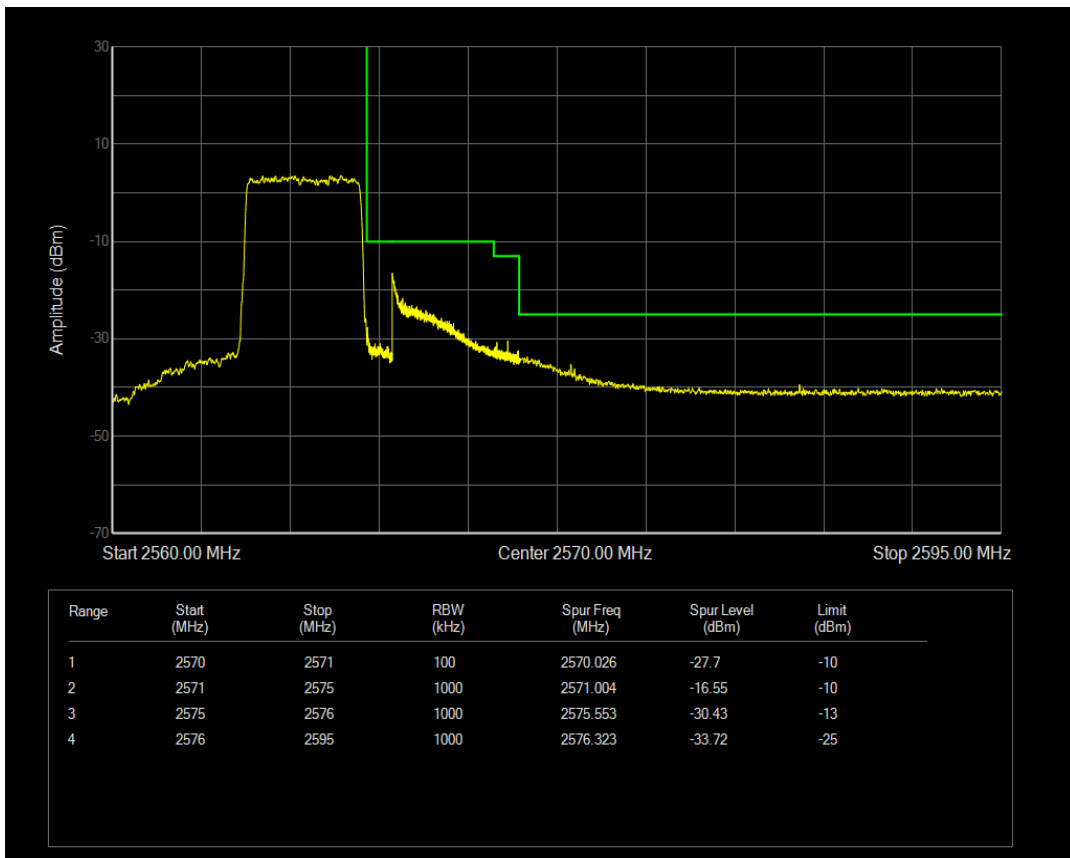
Band7 16QAM BW=5MHz Channel=20775 RB Size=25 Position=#0



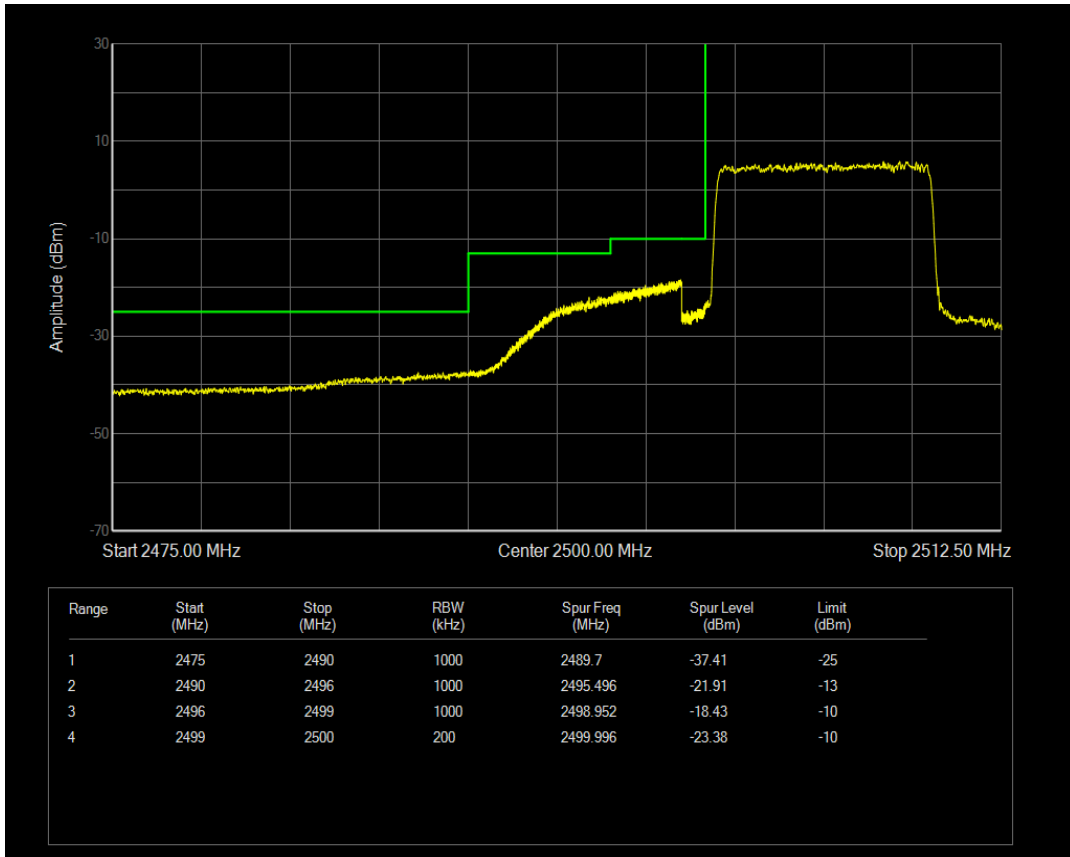
Band7 QPSK BW=5MHz Channel=21425 RB Size=25 Position=#0



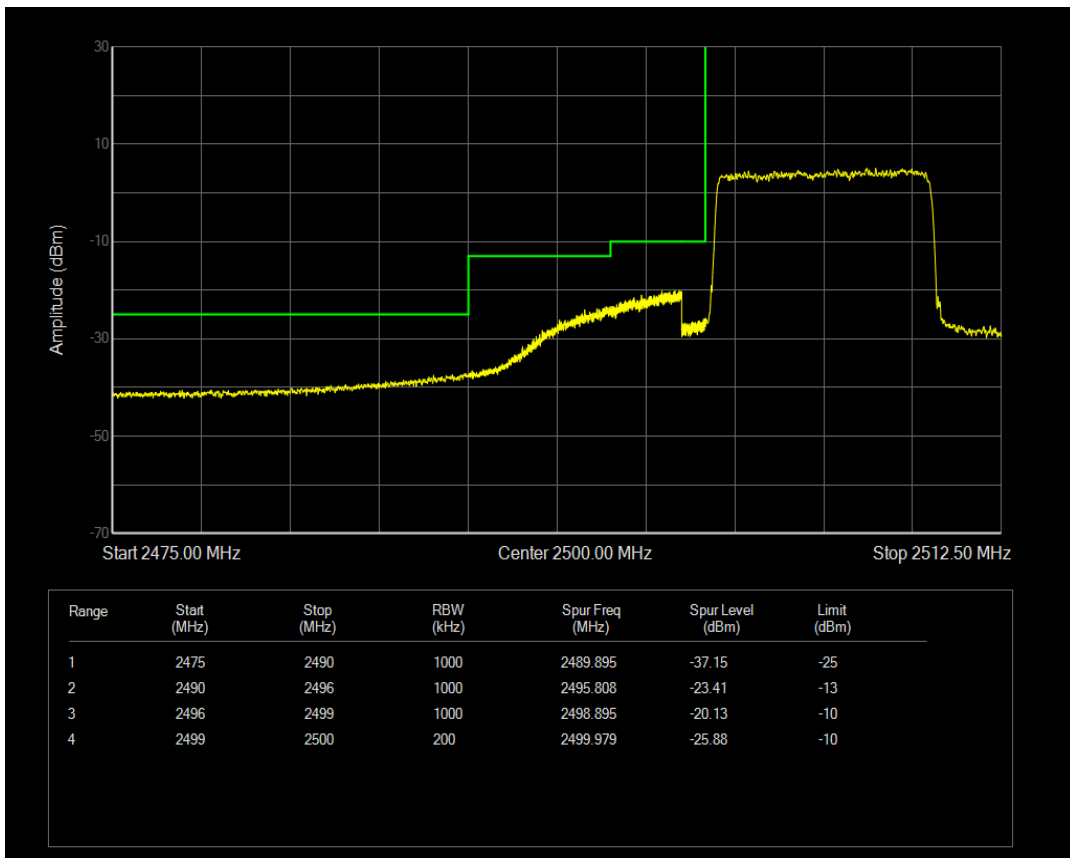
Band7 16QAM BW=5MHz Channel=21425 RB Size=25 Position=#0



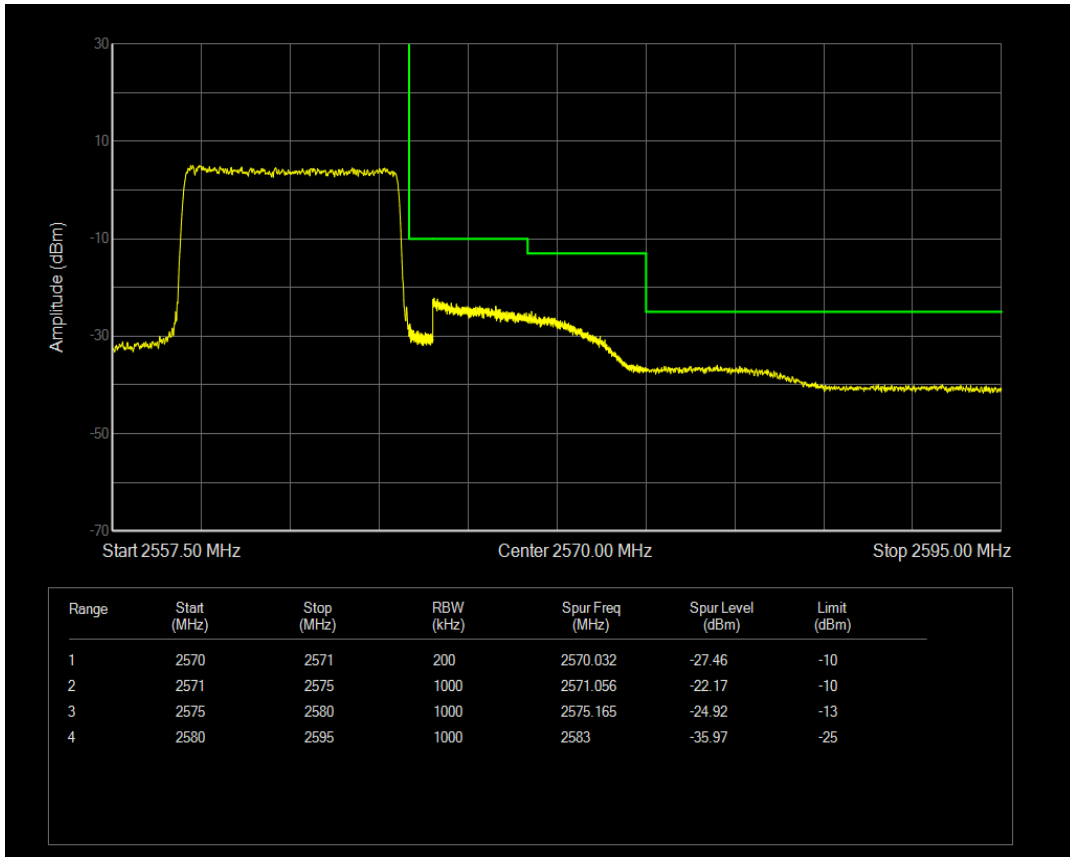
Band7 QPSK BW=10MHz Channel=20800 RB Size=50 Position=#0



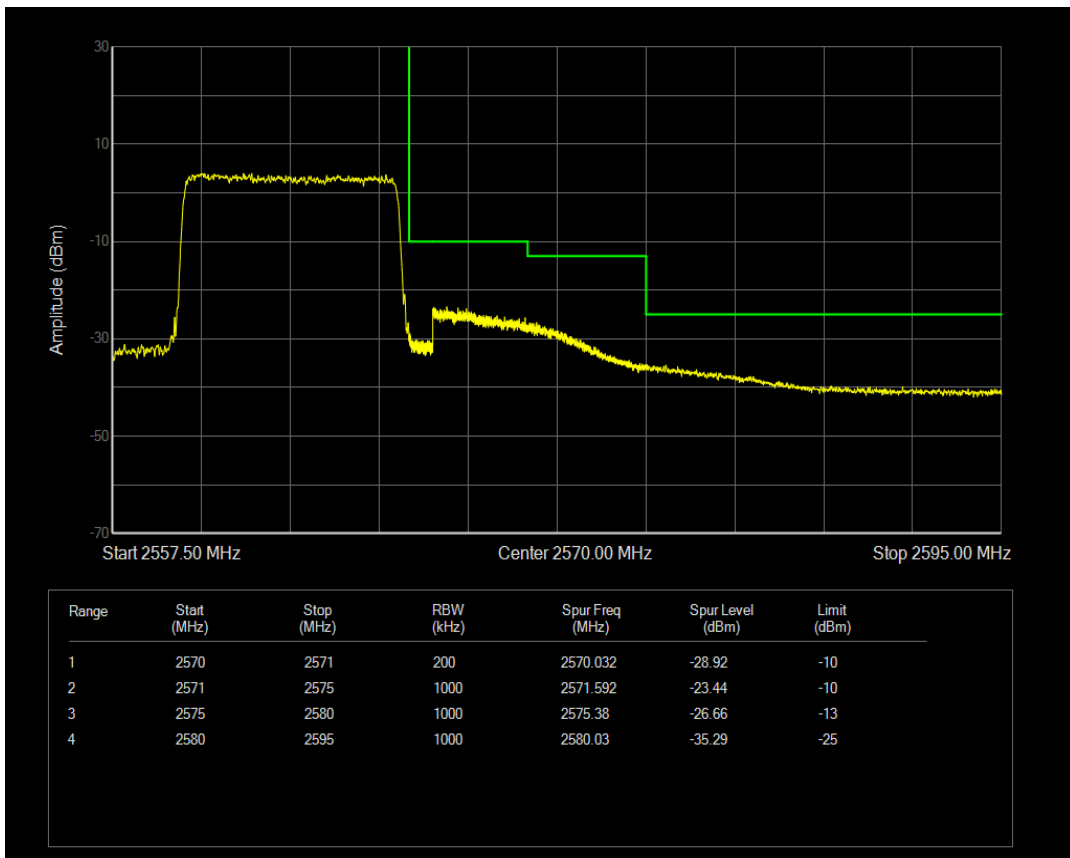
Band7 16QAM BW=10MHz Channel=20800 RB Size=50 Position=#0



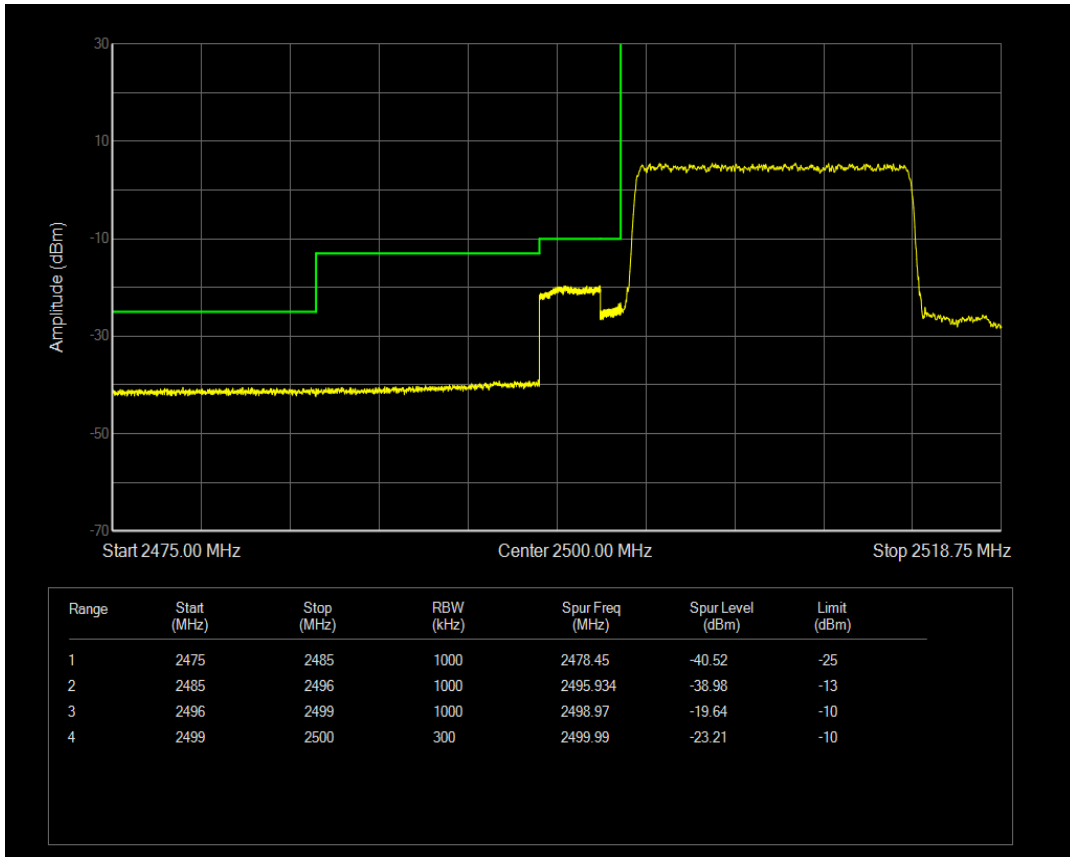
Band7 QPSK BW=10MHz Channel=21400 RB Size=50 Position=#0



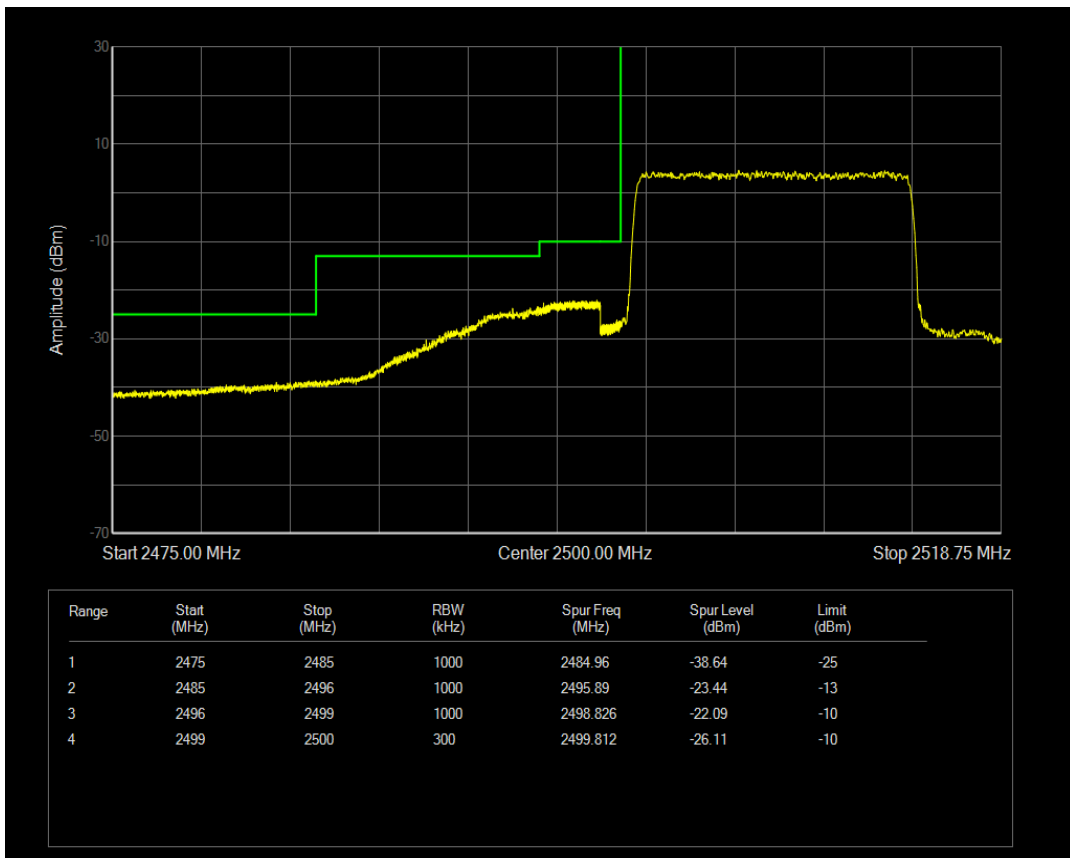
Band7 16QAM BW=10MHz Channel=21400 RB Size=50 Position=#0



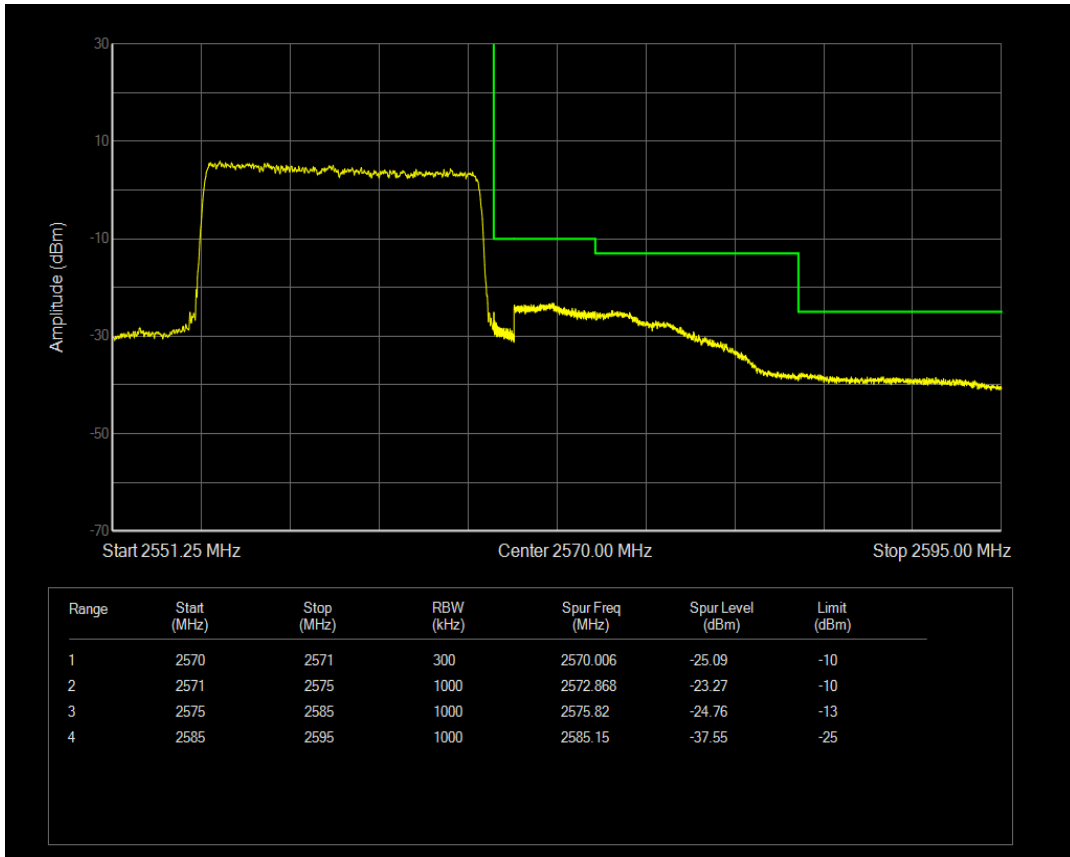
Band7 QPSK BW=15MHz Channel=20825 RB Size=75 Position=#0



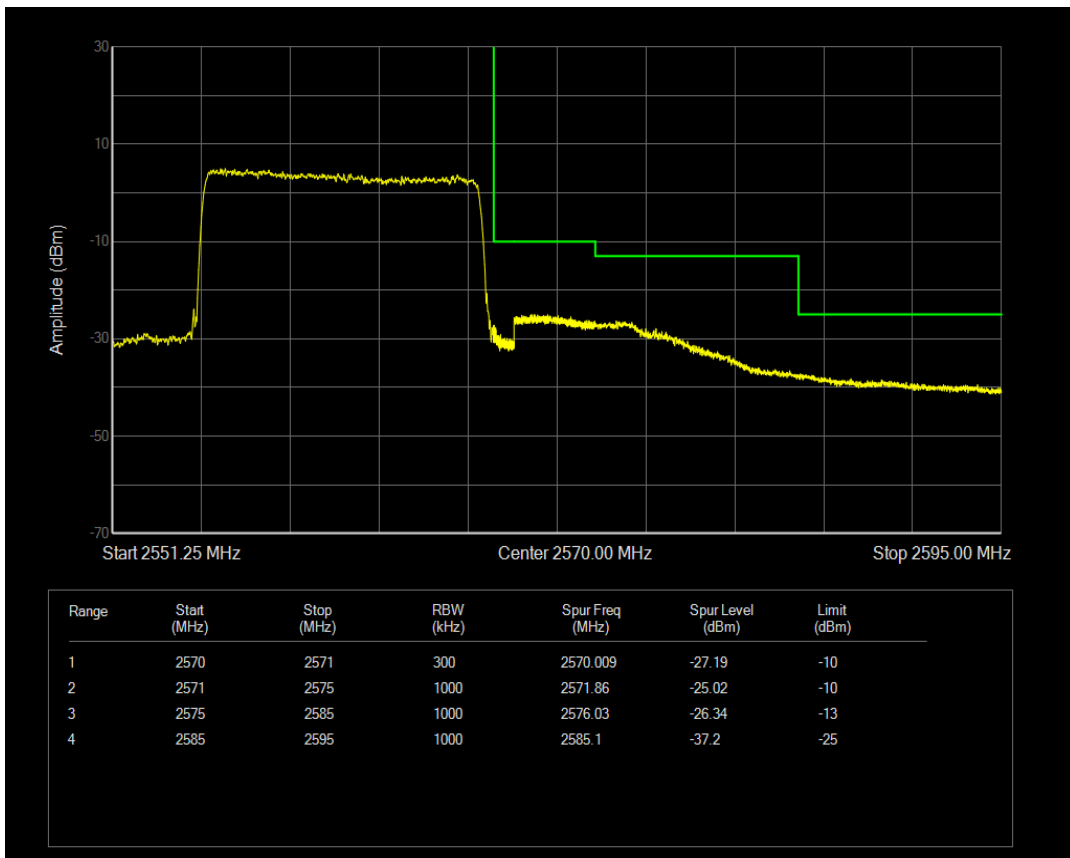
Band7 16QAM BW=15MHz Channel=20825 RB Size=75 Position=#0



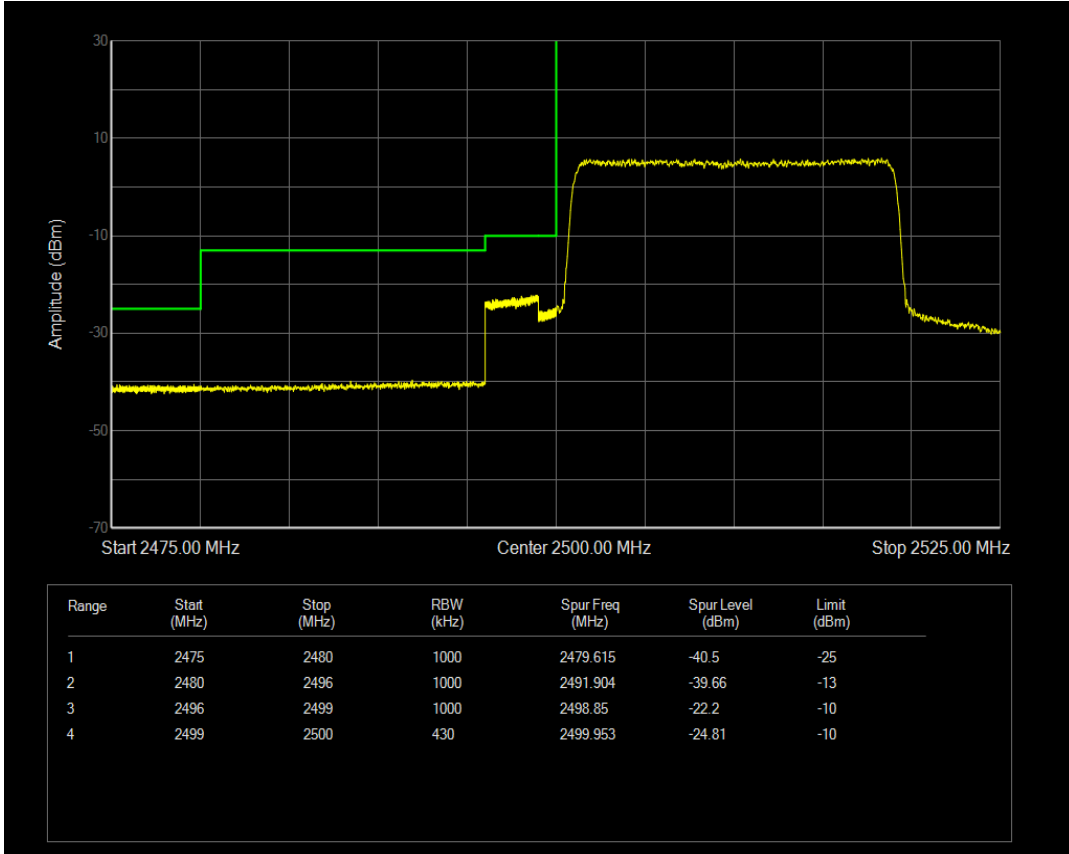
Band7 QPSK BW=15MHz Channel=21375 RB Size=75 Position=#0



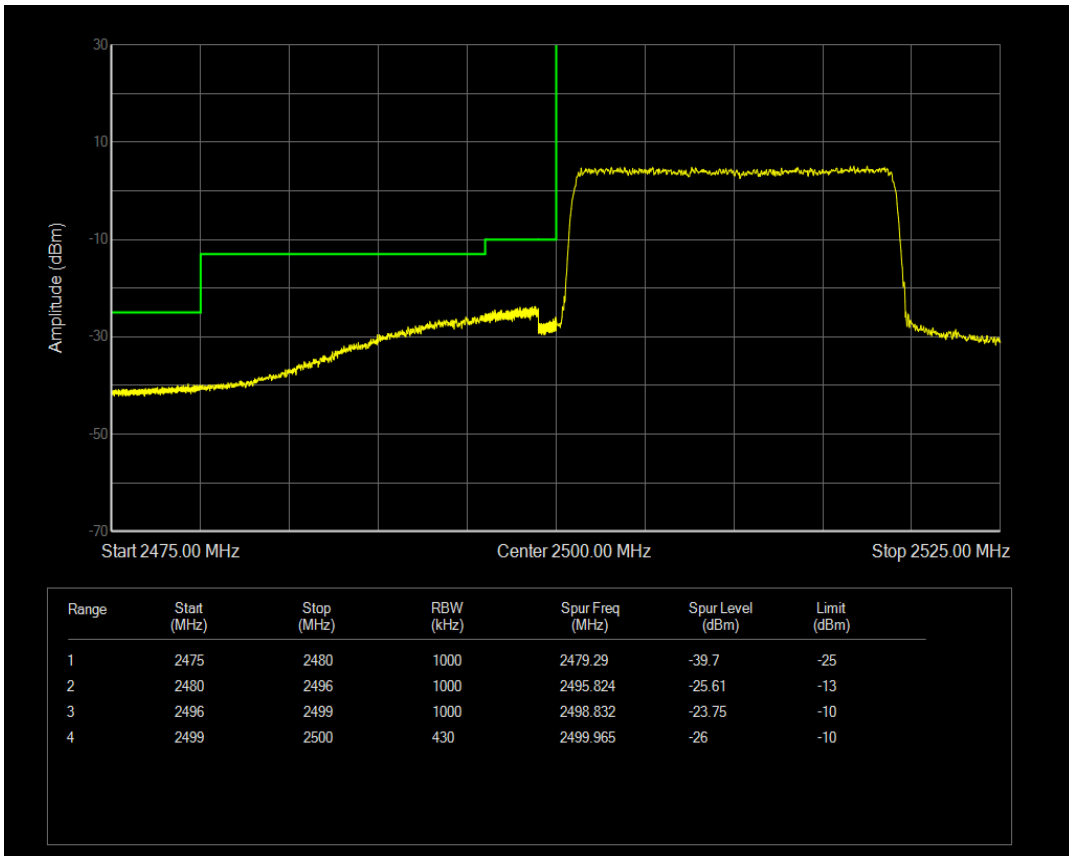
Band7 16QAM BW=15MHz Channel=21375 RB Size=75 Position=#0



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

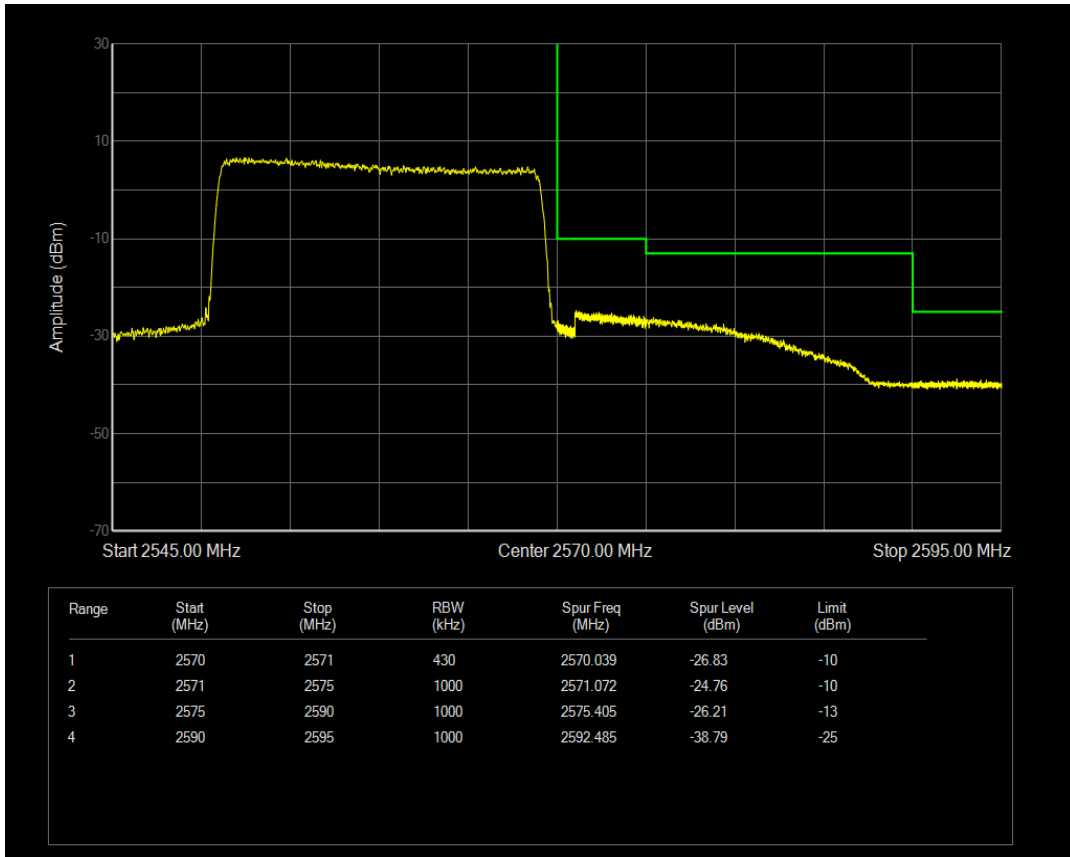


Band7 16QAM BW=20MHz Channel=20850 RB Size=100 Position=#0

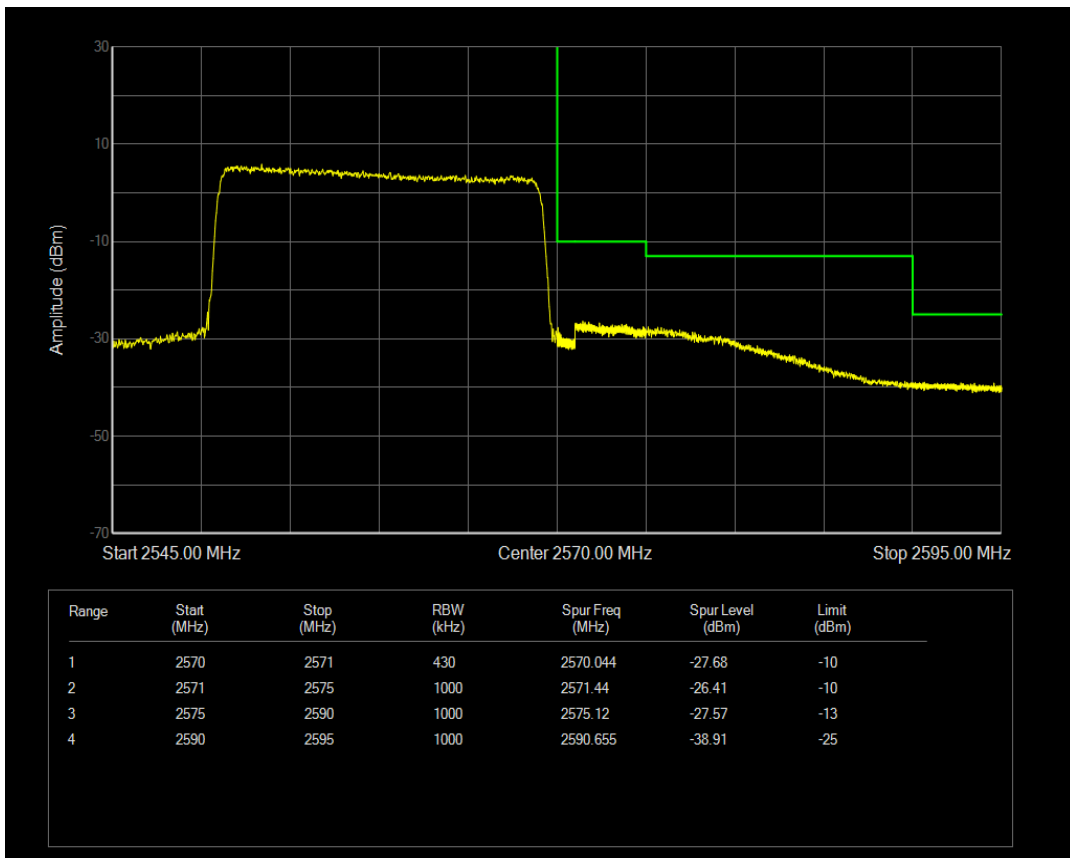


Band7 QPSK BW=20MHz Channel=21350 RB Size=100 Position=#0





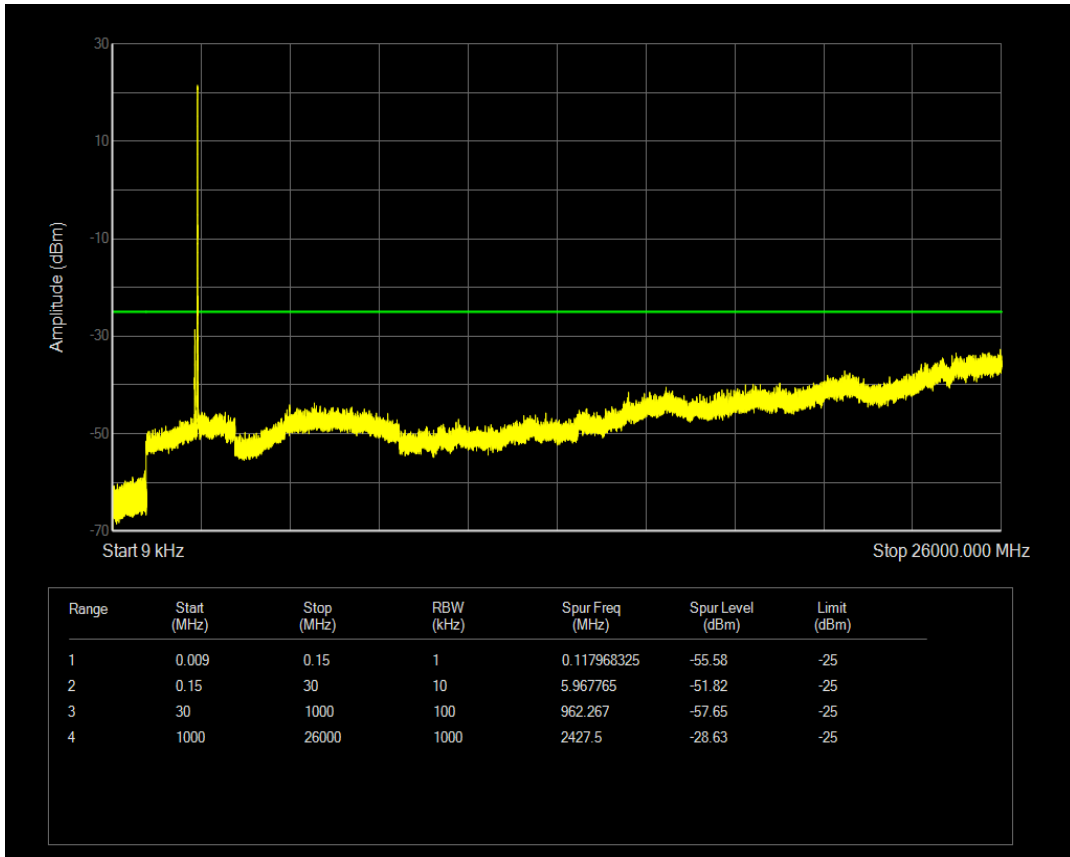
Band7 16QAM BW=20MHz Channel=21350 RB Size=100 Position=#0



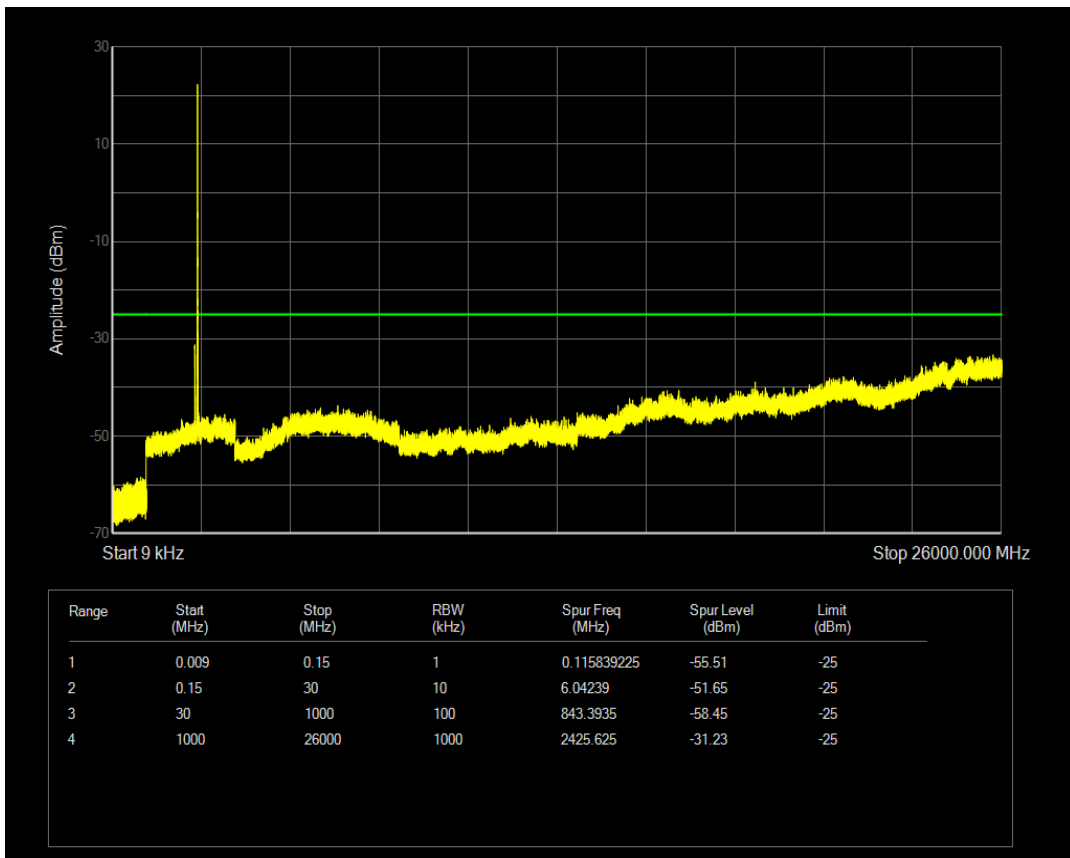
**Appendix 6. Out-of-band emissions**

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band7	5	20775	25	#0	QPSK	2427.50	-28.63	-25	PASS
Band7	5	20775	25	#0	16QAM	2425.63	-31.23	-25	PASS
Band7	5	21100	25	#0	QPSK	2425.63	-29.01	-25	PASS
Band7	5	21100	25	#0	16QAM	2425.63	-28.00	-25	PASS
Band7	5	21425	25	#0	QPSK	2425.63	-29.09	-25	PASS
Band7	5	21425	25	#0	16QAM	2425.63	-32.31	-25	PASS
Band7	10	20800	50	#0	QPSK	2426.25	-29.04	-25	PASS
Band7	10	20800	50	#0	16QAM	2425.63	-30.18	-25	PASS
Band7	10	21100	50	#0	QPSK	2425.63	-29.81	-25	PASS
Band7	10	21100	50	#0	16QAM	2424.38	-31.56	-25	PASS
Band7	10	21400	50	#0	QPSK	2425.63	-32.45	-25	PASS
Band7	10	21400	50	#0	16QAM	2425.00	-29.18	-25	PASS
Band7	15	20825	75	#0	QPSK	2428.75	-29.46	-25	PASS
Band7	15	20825	75	#0	16QAM	2428.75	-31.93	-25	PASS
Band7	15	21100	75	#0	QPSK	2428.75	-28.26	-25	PASS
Band7	15	21100	75	#0	16QAM	2426.88	-25.33	-25	PASS
Band7	15	21375	75	#0	QPSK	2425.63	-29.05	-25	PASS
Band7	15	21375	75	#0	16QAM	2428.75	-30.19	-25	PASS
Band7	20	20850	100	#0	QPSK	25676.25	-33.21	-25	PASS
Band7	20	20850	100	#0	16QAM	25976.25	-32.52	-25	PASS
Band7	20	21100	100	#0	QPSK	1778.75	-31.36	-25	PASS
Band7	20	21100	100	#0	16QAM	25880.63	-32.84	-25	PASS
Band7	20	21350	100	#0	QPSK	26000.00	-32.91	-25	PASS
Band7	20	21350	100	#0	16QAM	25773.13	-32.34	-25	PASS

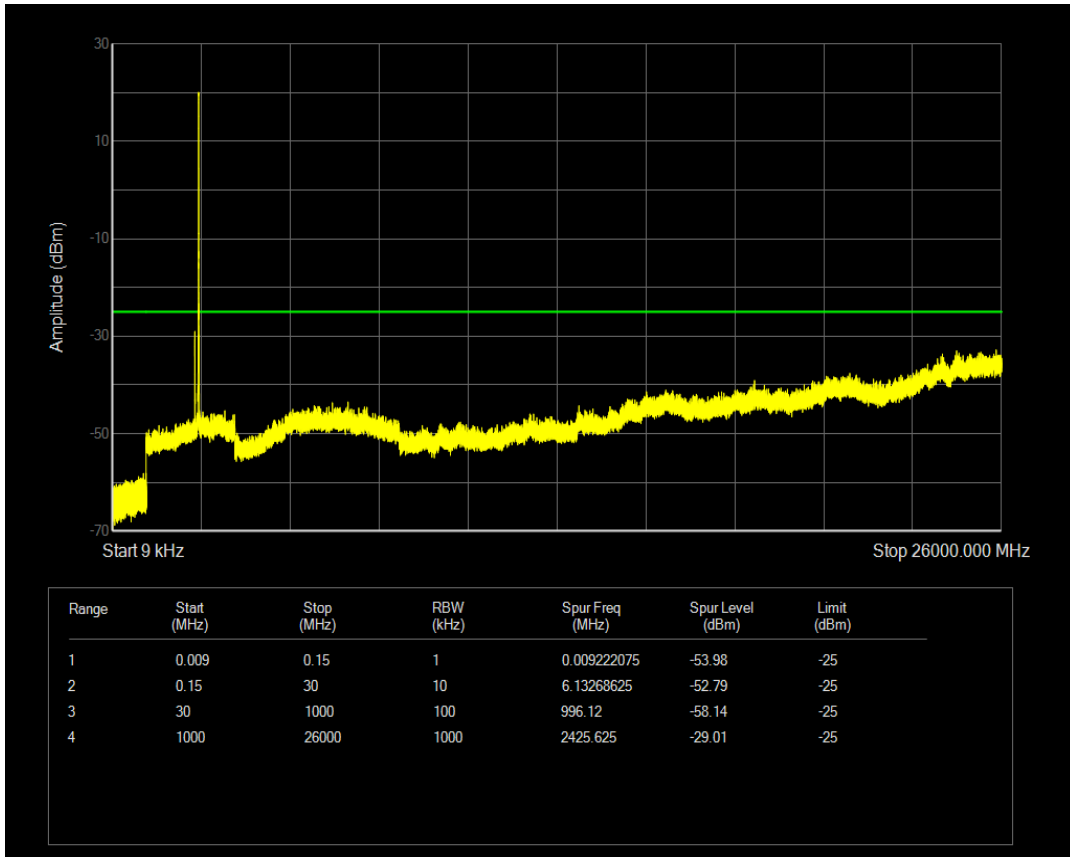
Band7 QPSK BW=5MHz Channel=20775 RB Size=25 Position=#0



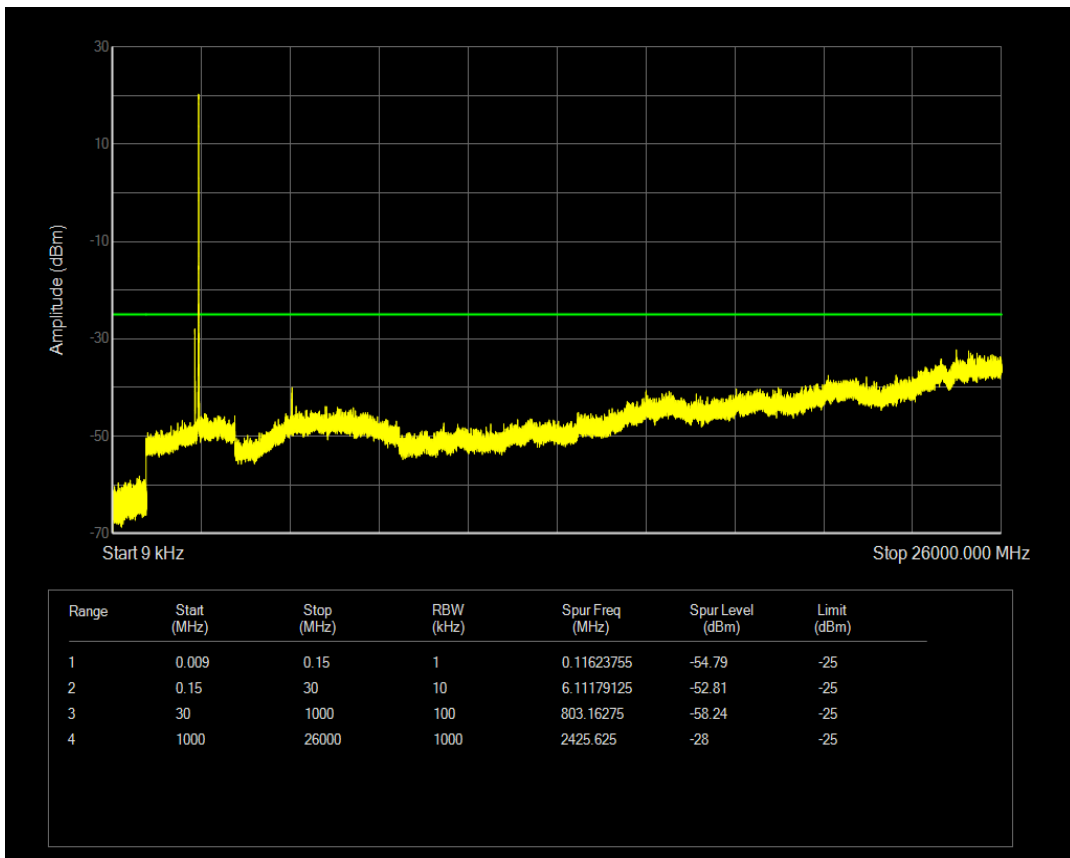
Band7 16QAM BW=5MHz Channel=20775 RB Size=25 Position=#0



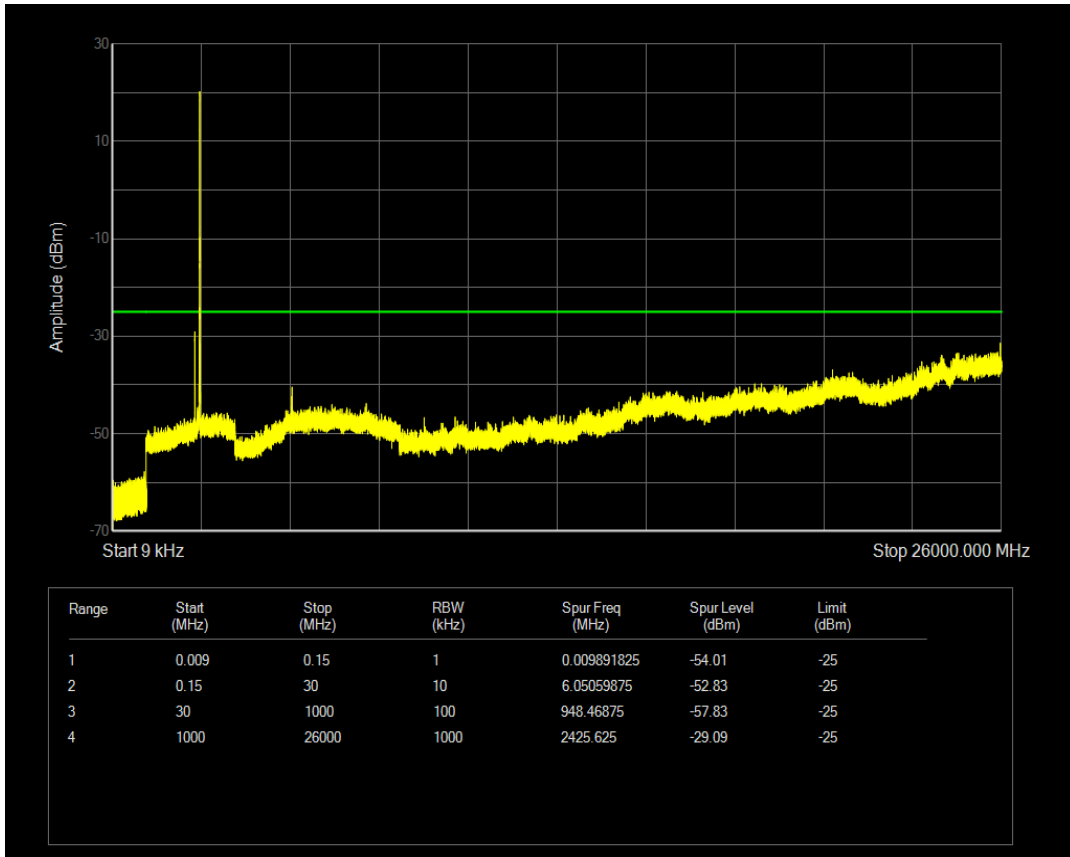
Band7 QPSK BW=5MHz Channel=21100 RB Size=25 Position=#0



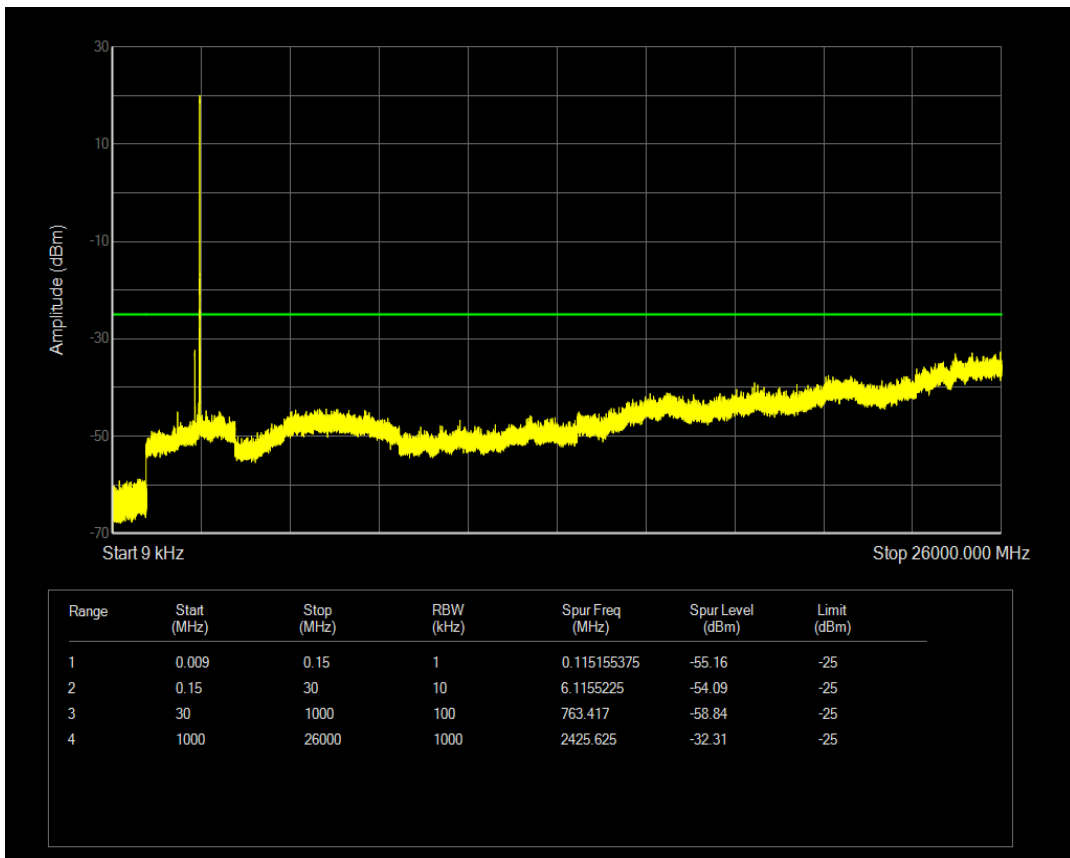
Band7 16QAM BW=5MHz Channel=21100 RB Size=25 Position=#0



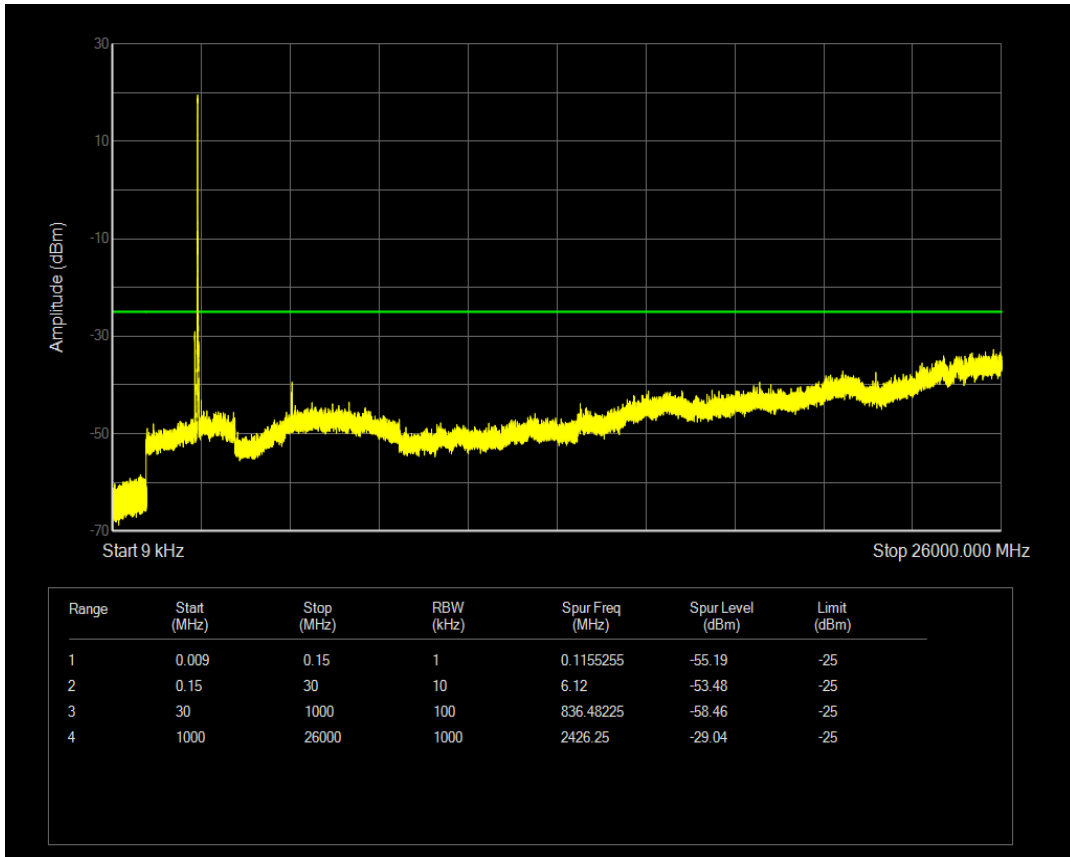
Band7 QPSK BW=5MHz Channel=21425 RB Size=25 Position=#0



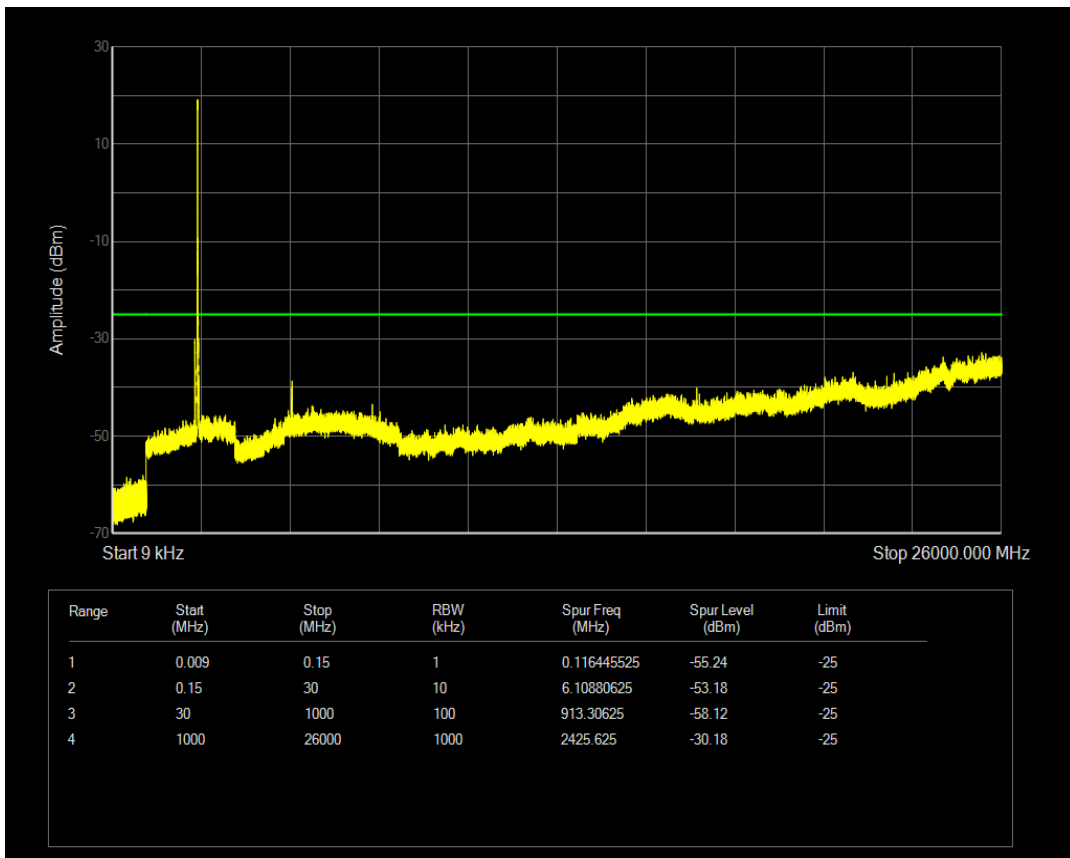
Band7 16QAM BW=5MHz Channel=21425 RB Size=25 Position=#0



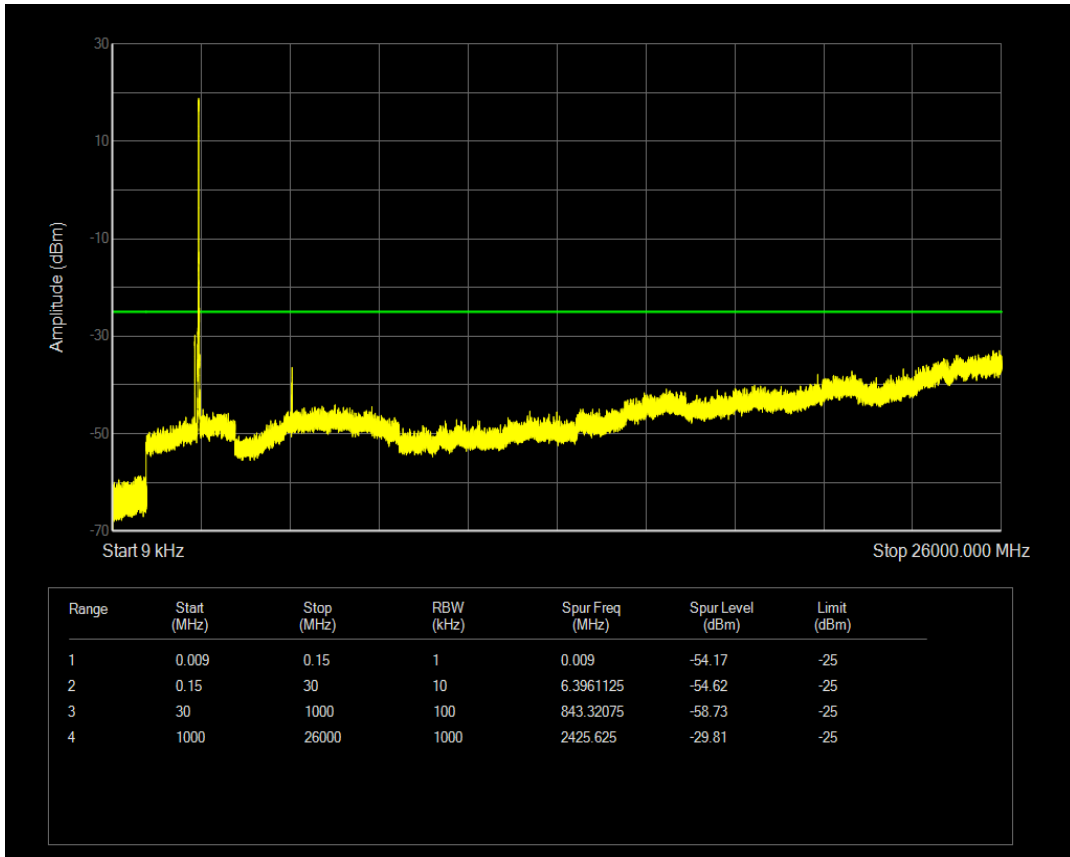
Band7 QPSK BW=10MHz Channel=20800 RB Size=50 Position=#0



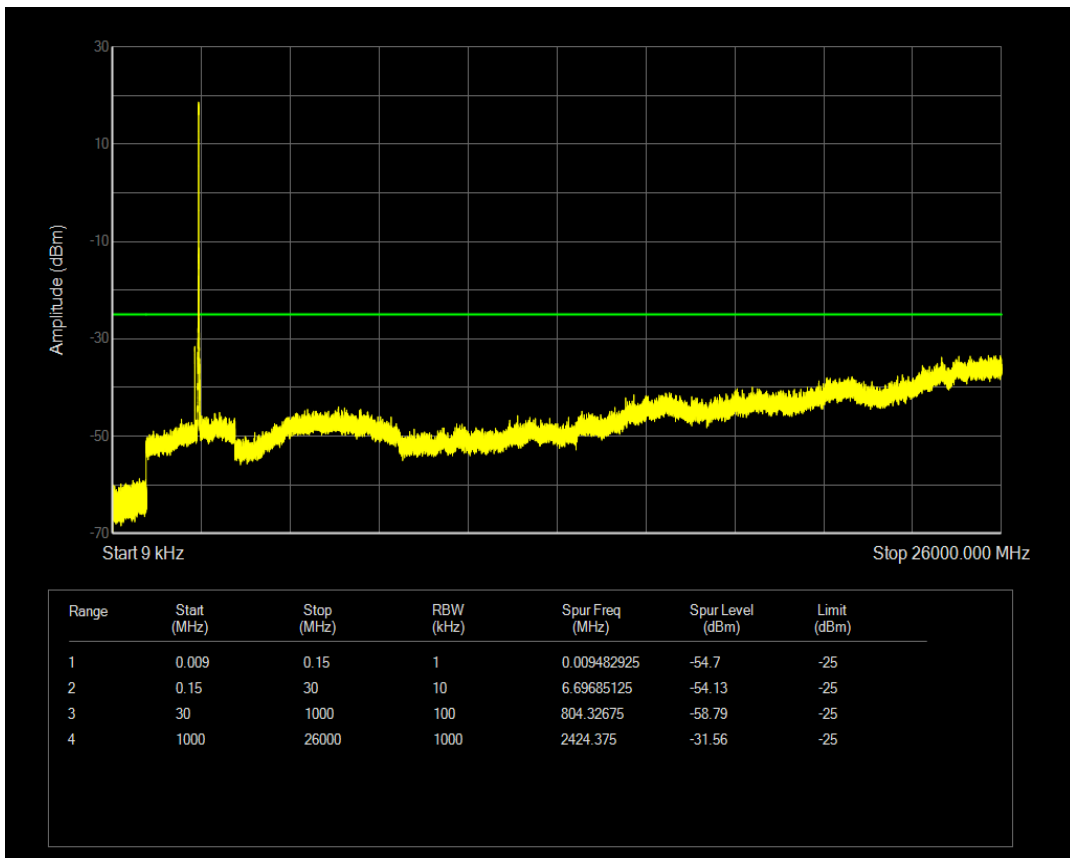
Band7 16QAM BW=10MHz Channel=20800 RB Size=50 Position=#0



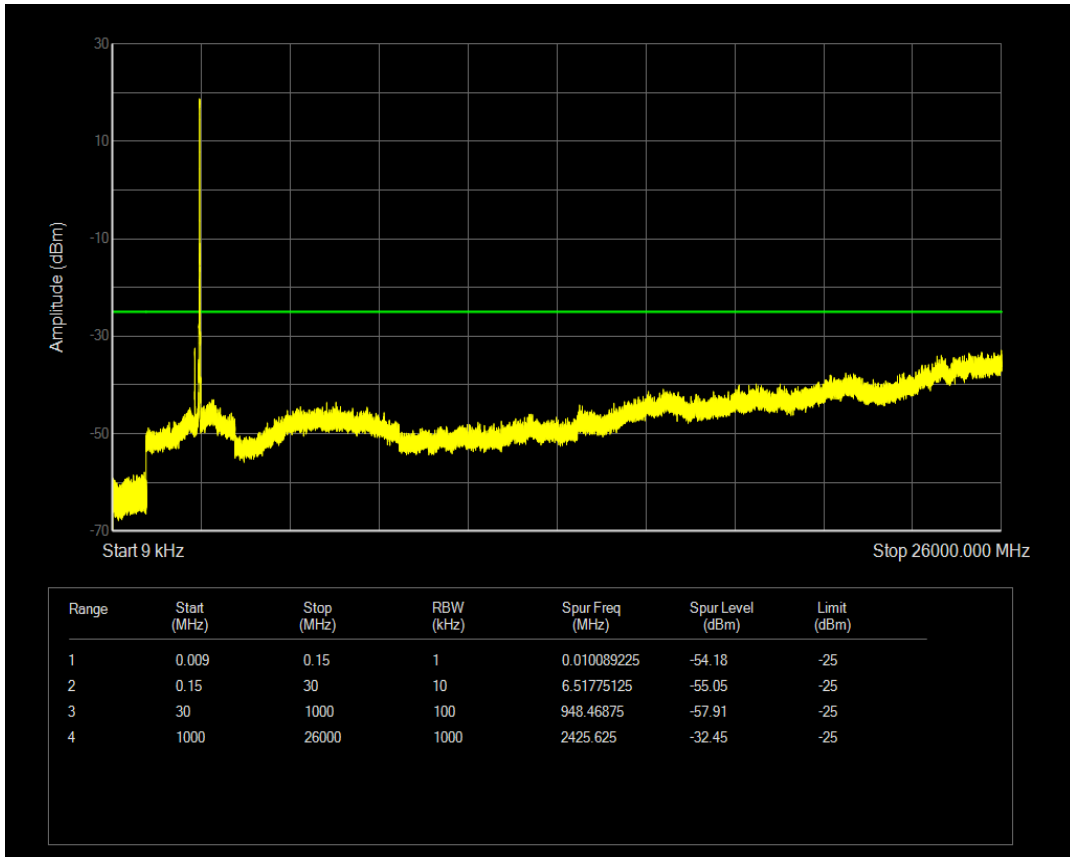
Band7 QPSK BW=10MHz Channel=21100 RB Size=50 Position=#0



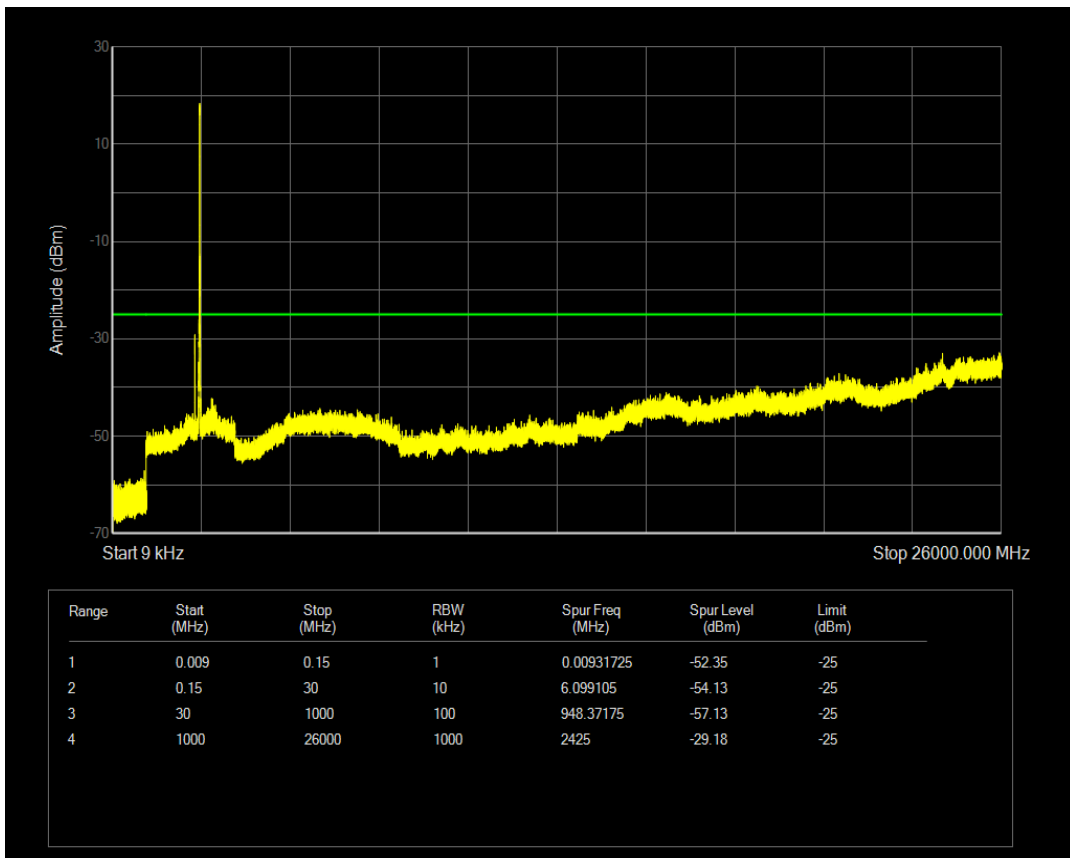
Band7 16QAM BW=10MHz Channel=21100 RB Size=50 Position=#0



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

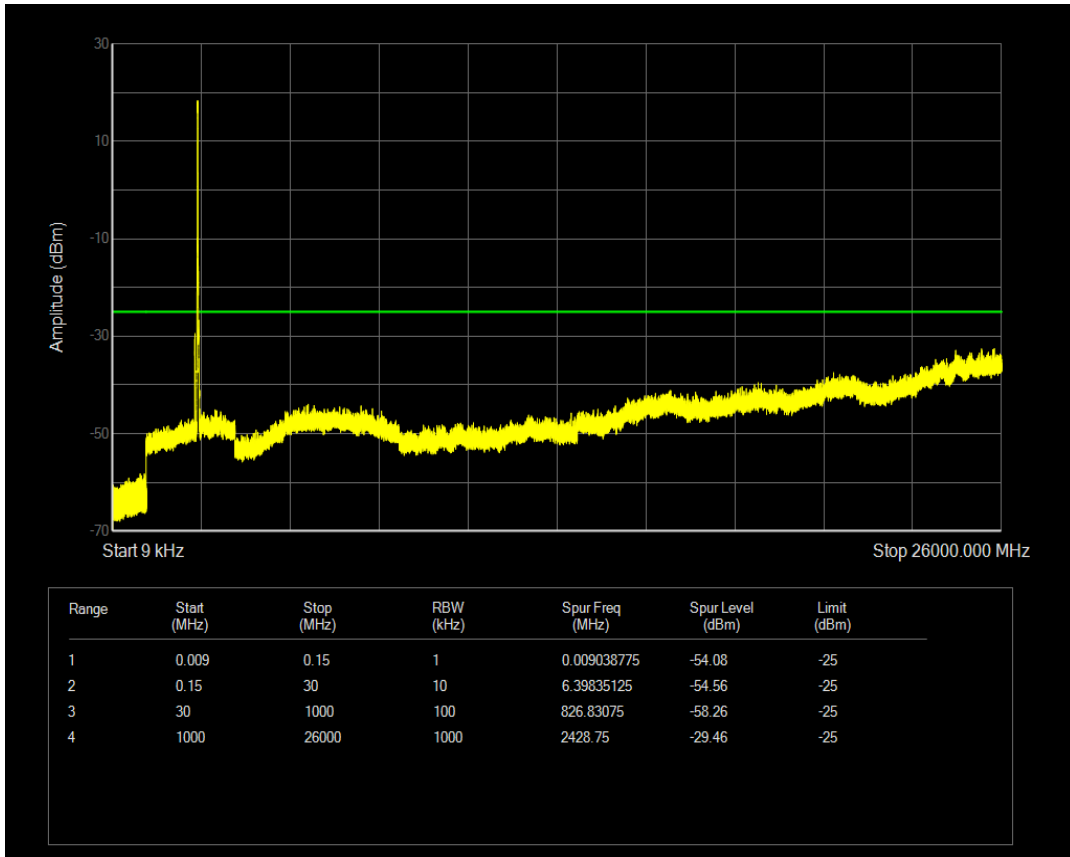


Band7 16QAM BW=10MHz Channel=21400 RB Size=50 Position=#0

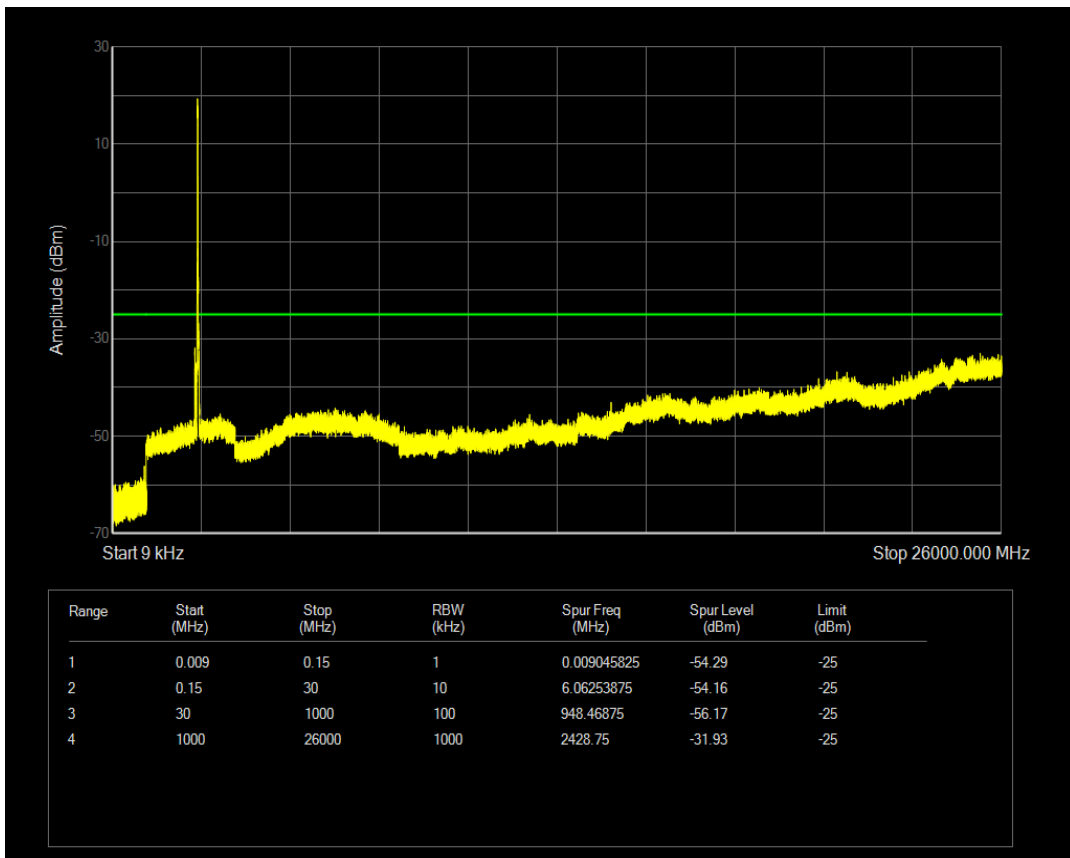


Band7 QPSK BW=15MHz Channel=20825 RB Size=75 Position=#0

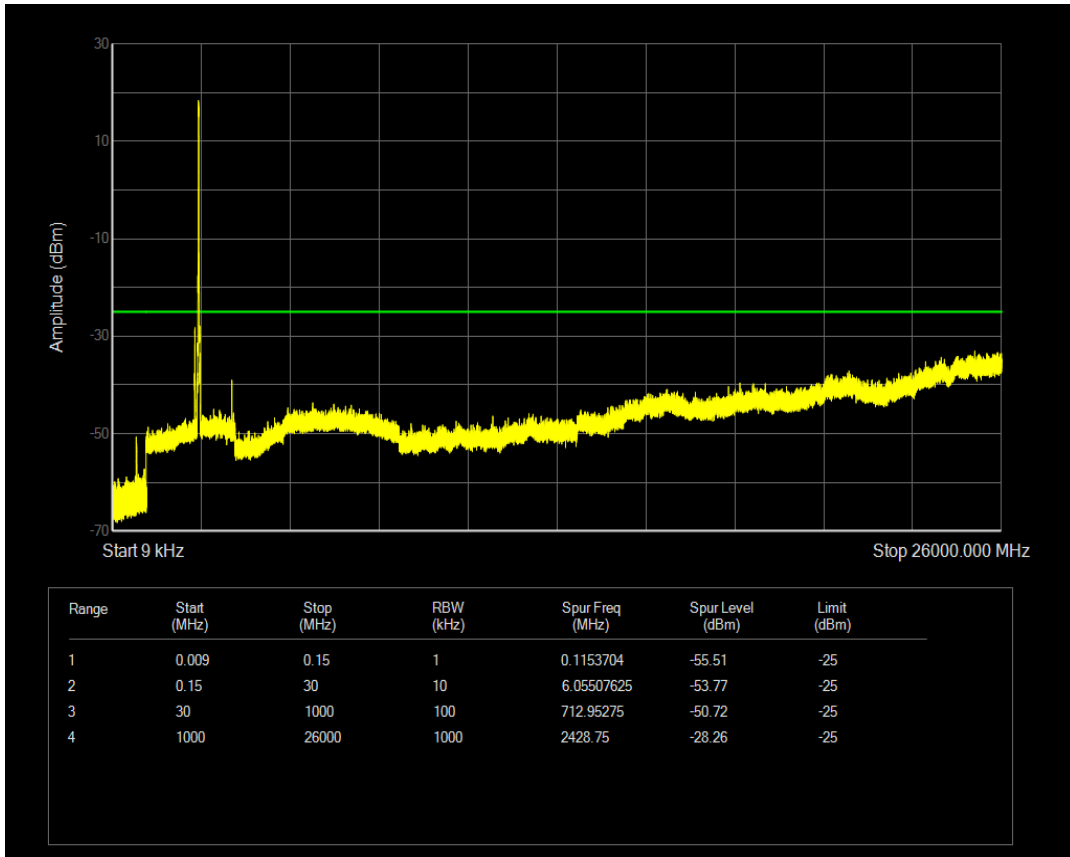




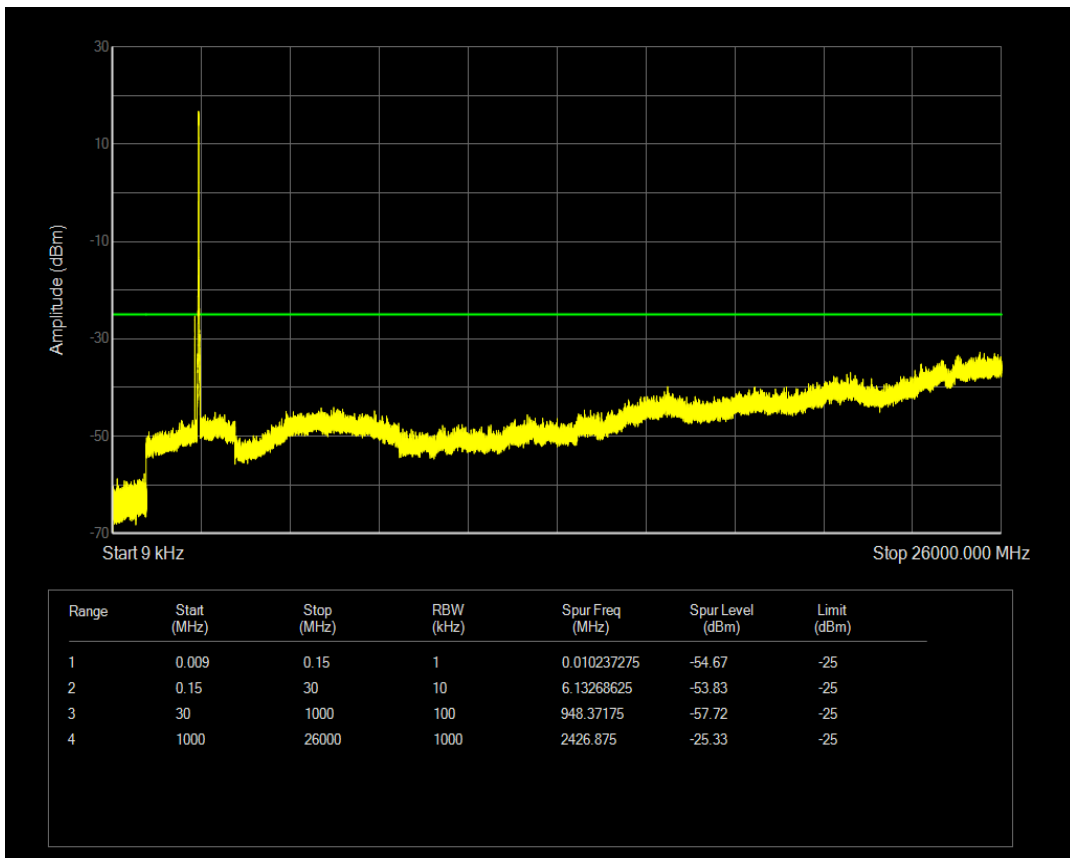
Band7 16QAM BW=15MHz Channel=20825 RB Size=75 Position=#0



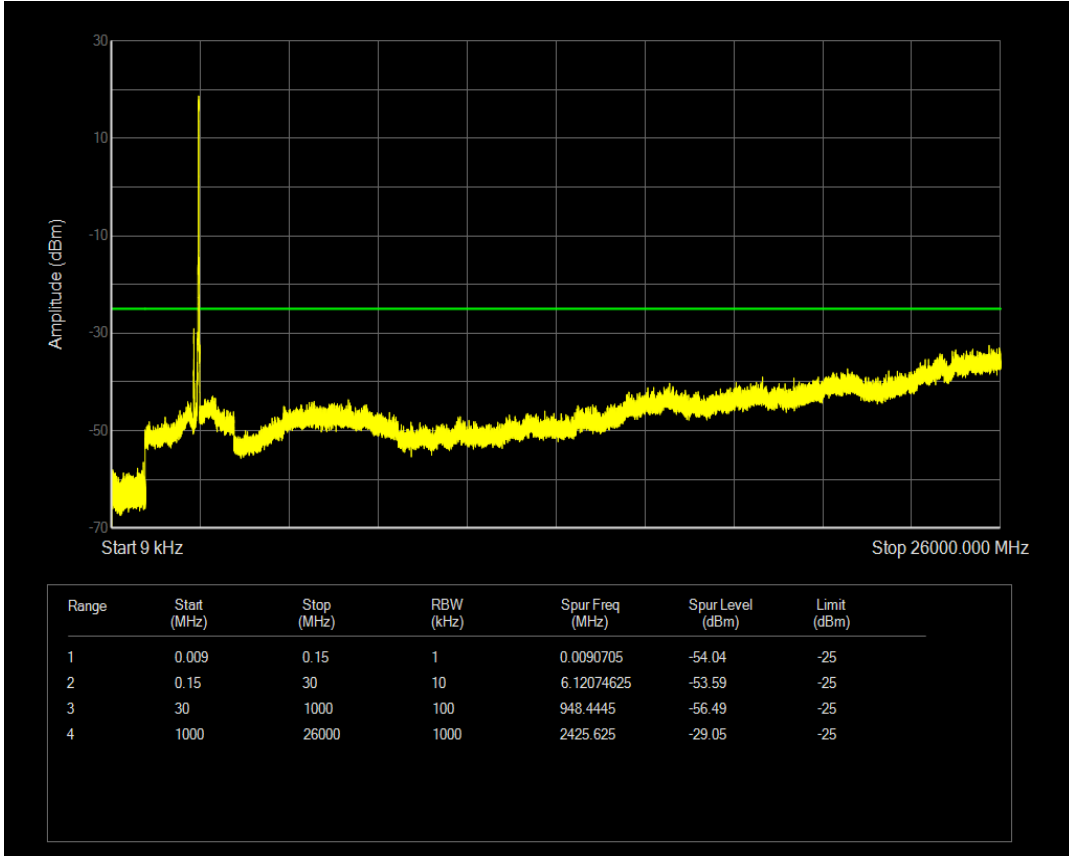
Band7 QPSK BW=15MHz Channel=21100 RB Size=75 Position=#0



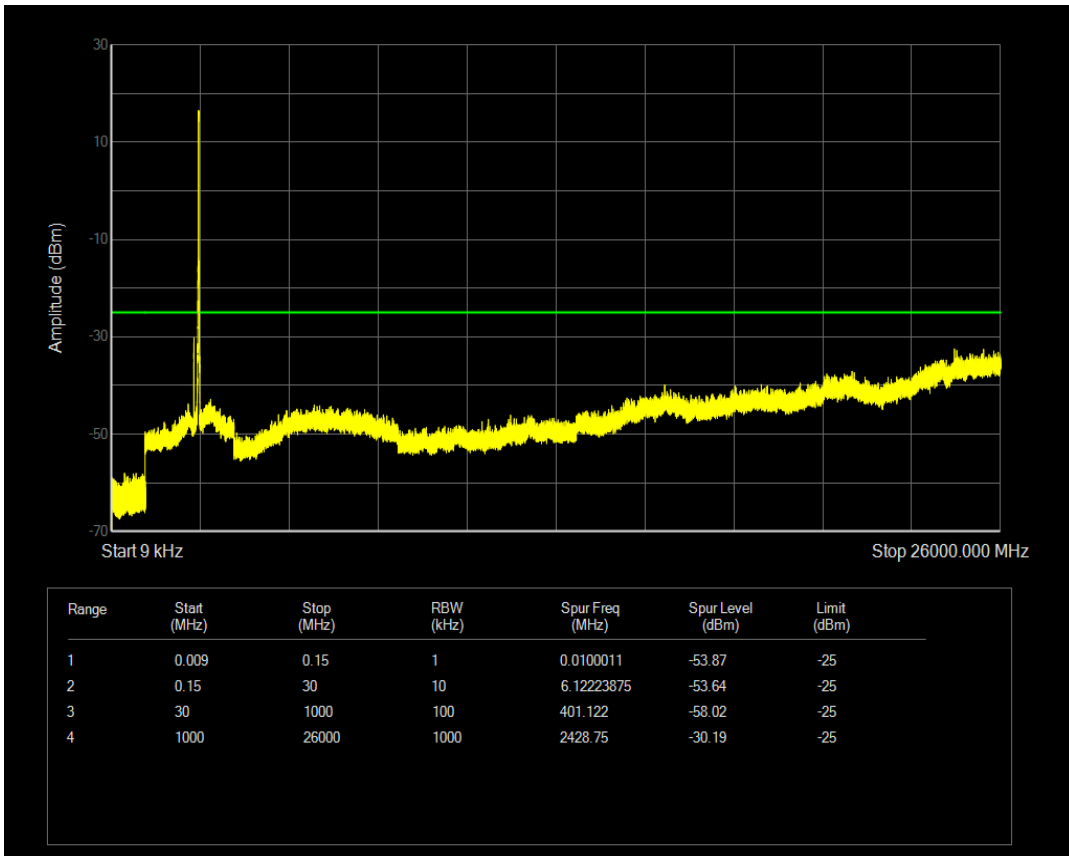
Band7 16QAM BW=15MHz Channel=21100 RB Size=75 Position=#0



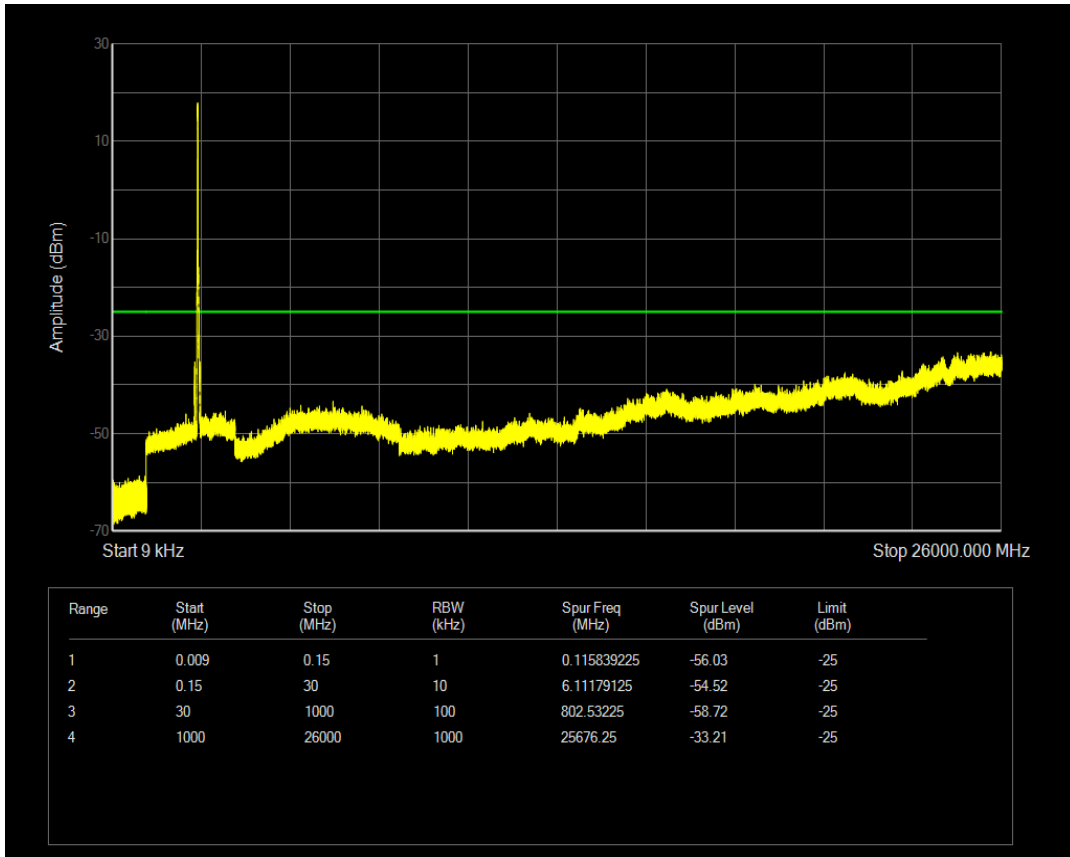
Band7 QPSK BW=15MHz Channel=21375 RB Size=75 Position=#0



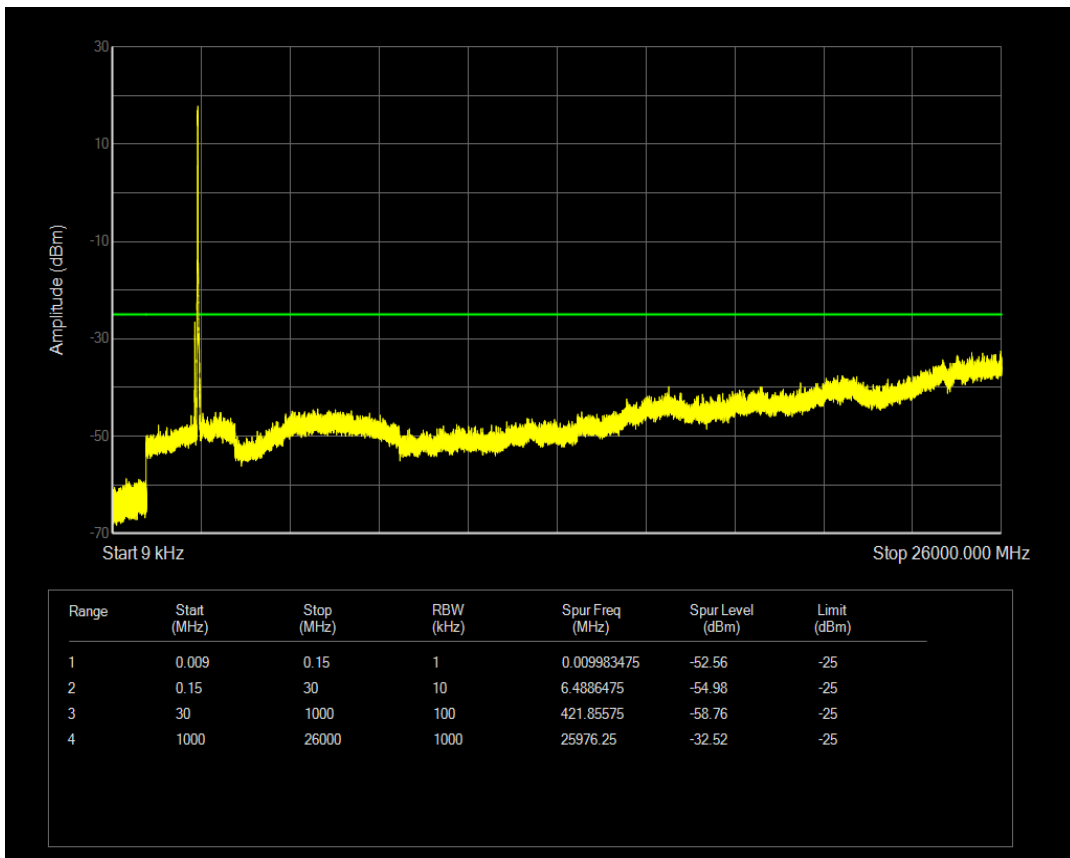
Band7 16QAM BW=15MHz Channel=21375 RB Size=75 Position=#0



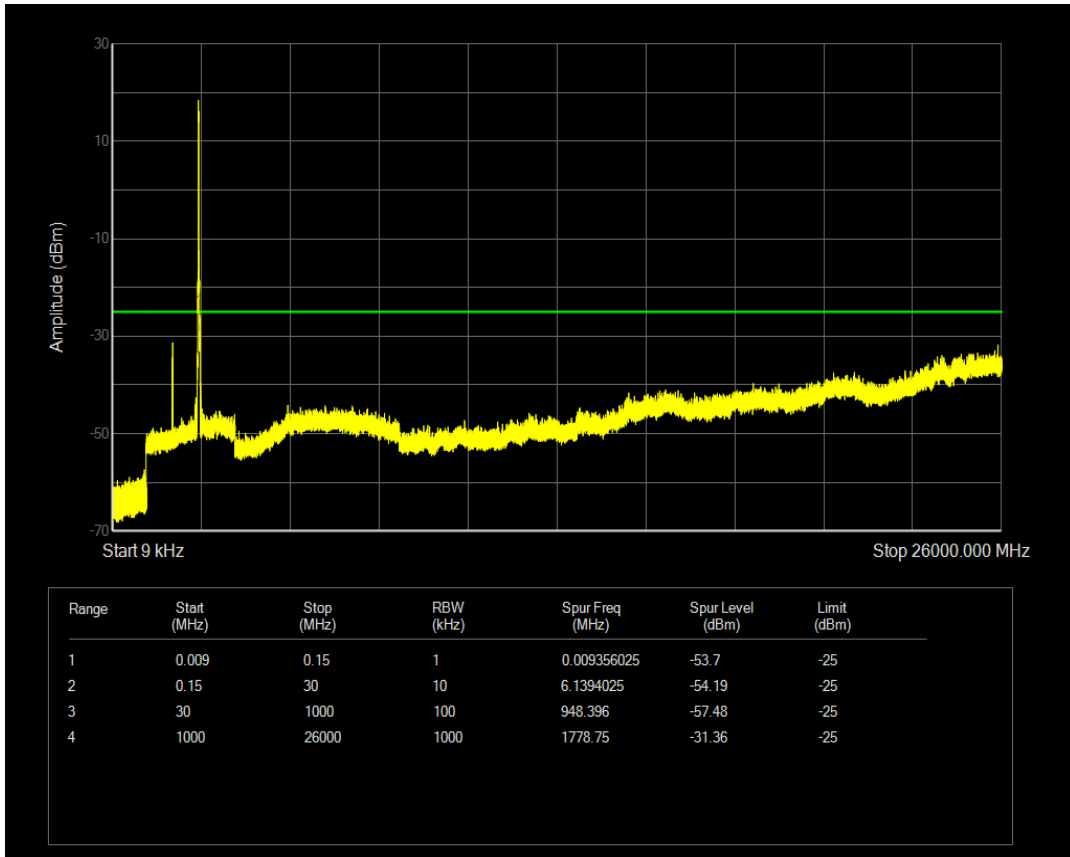
Band7 QPSK BW=20MHz Channel=20850 RB Size=100 Position=#0



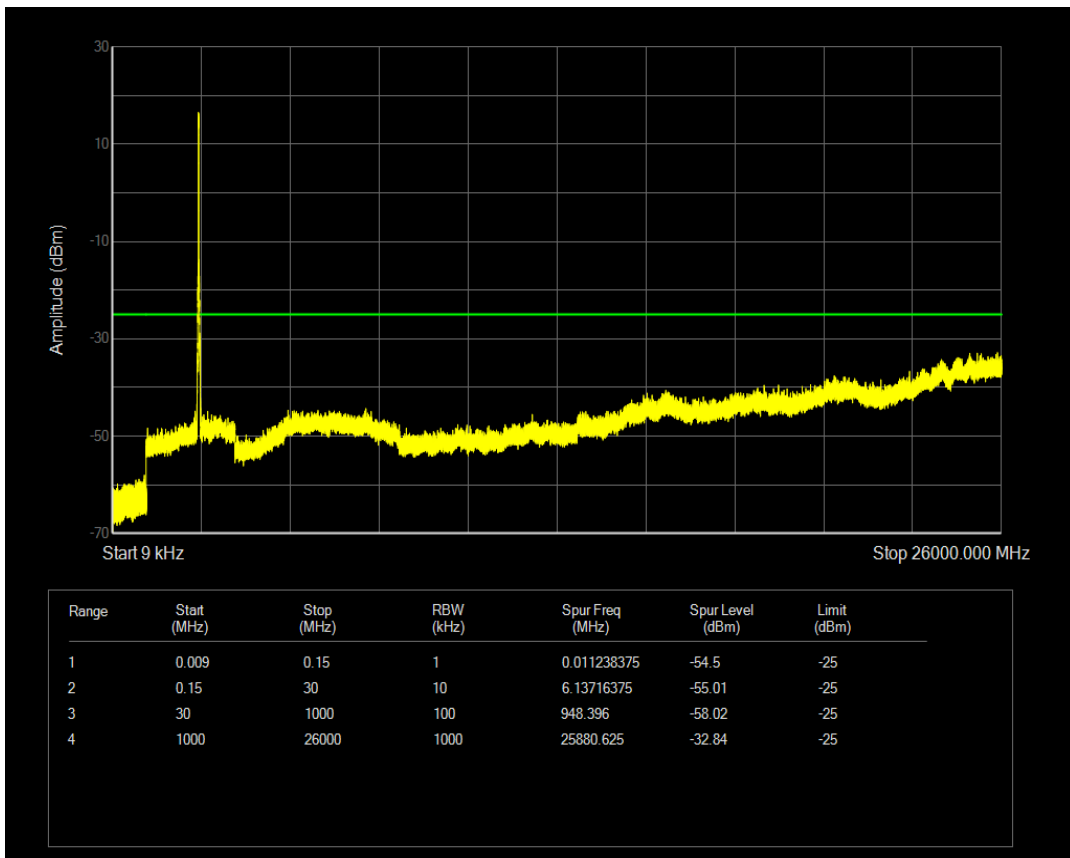
Band7 16QAM BW=20MHz Channel=20850 RB Size=100 Position=#0



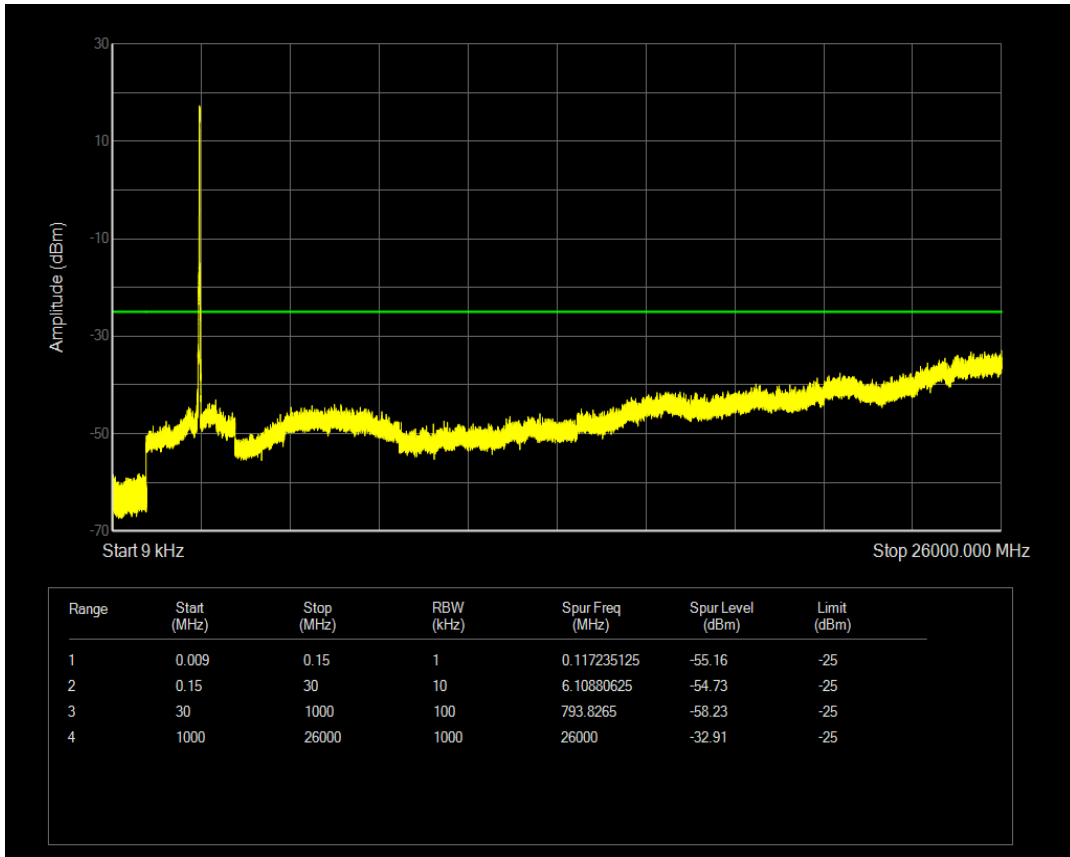
Band7 QPSK BW=20MHz Channel=21100 RB Size=100 Position=#0



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

