

Appendix for Band 7

FCC ID: 2BPV3-SW100

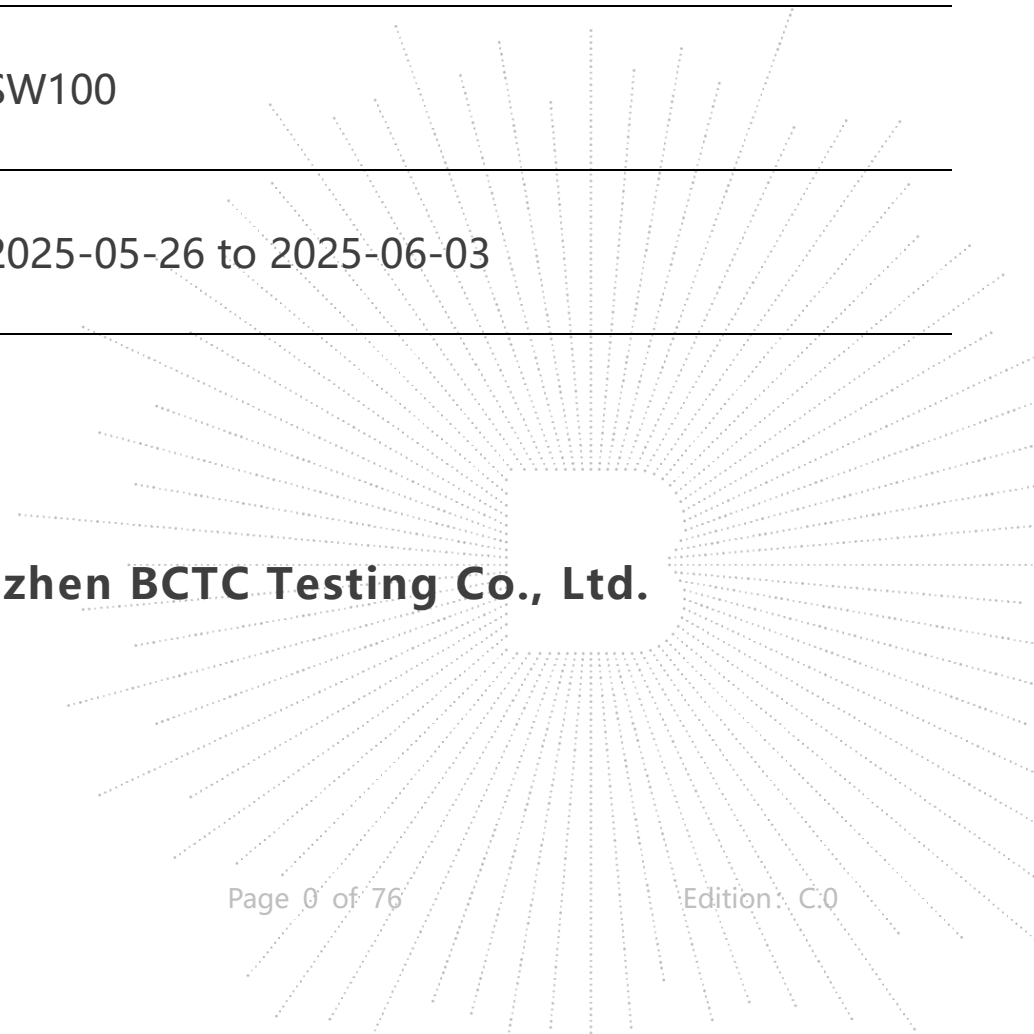
Report No.: BCTC2505938821-5E

Applicant: BEDIGITAL S.A.S.

Product Name: Smart Watch

Test Model: SW100

Tested Date: 2025-05-26 to 2025-06-03



Shenzhen BCTC Testing Co., Ltd.

Contents

Appendix 1. Conducted output power	2
Appendix 2. Frequency stability	7
Appendix 3. Peak-to-Average Ratio	14
Appendix 4. Occupied bandwidth	30
Appendix 5. Band edge	47
Appendix 6. Out-of-band emissions	59

Appendix 1. Conducted output power

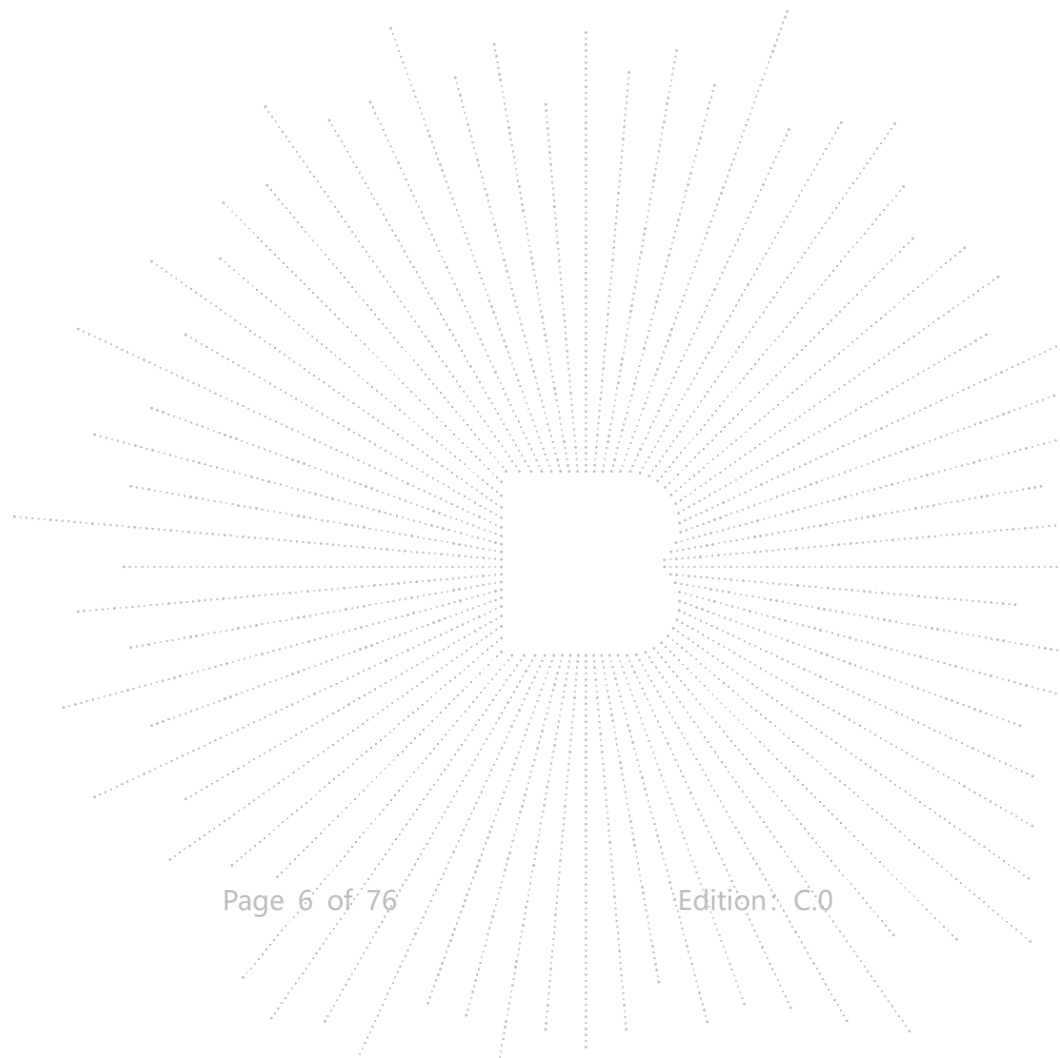
Condition	Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Gain (dBm)	EIRP (dBm)	Verdict
NVNT	Band7	5	20775	1	#0	QPSK	23.15	-4.21	18.94	PASS
NVNT	Band7	5	20775	1	#Mid	QPSK	23.23	-4.21	19.02	PASS
NVNT	Band7	5	20775	1	#Max	QPSK	23.16	-4.21	18.95	PASS
NVNT	Band7	5	20775	12	#0	QPSK	22.12	-4.21	17.91	PASS
NVNT	Band7	5	20775	12	#Mid	QPSK	22.26	-4.21	18.05	PASS
NVNT	Band7	5	20775	12	#Max	QPSK	22.12	-4.21	17.91	PASS
NVNT	Band7	5	20775	25	#0	QPSK	22.23	-4.21	18.02	PASS
NVNT	Band7	5	20775	1	#0	16QAM	21.95	-4.21	17.74	PASS
NVNT	Band7	5	20775	1	#Mid	16QAM	21.95	-4.21	17.74	PASS
NVNT	Band7	5	20775	1	#Max	16QAM	21.95	-4.21	17.74	PASS
NVNT	Band7	5	20775	12	#0	16QAM	21.09	-4.21	16.88	PASS
NVNT	Band7	5	20775	12	#Mid	16QAM	21.17	-4.21	16.96	PASS
NVNT	Band7	5	20775	12	#Max	16QAM	21.15	-4.21	16.94	PASS
NVNT	Band7	5	20775	25	#0	16QAM	21.35	-4.21	17.14	PASS
NVNT	Band7	5	21100	1	#0	QPSK	22.89	-4.21	18.68	PASS
NVNT	Band7	5	21100	1	#Mid	QPSK	22.93	-4.21	18.72	PASS
NVNT	Band7	5	21100	1	#Max	QPSK	22.84	-4.21	18.63	PASS
NVNT	Band7	5	21100	12	#0	QPSK	22.05	-4.21	17.84	PASS
NVNT	Band7	5	21100	12	#Mid	QPSK	22.04	-4.21	17.83	PASS
NVNT	Band7	5	21100	12	#Max	QPSK	22.04	-4.21	17.83	PASS
NVNT	Band7	5	21100	25	#0	QPSK	22.05	-4.21	17.84	PASS
NVNT	Band7	5	21100	1	#0	16QAM	22.32	-4.21	18.11	PASS
NVNT	Band7	5	21100	1	#Mid	16QAM	22.35	-4.21	18.14	PASS
NVNT	Band7	5	21100	1	#Max	16QAM	22.31	-4.21	18.10	PASS
NVNT	Band7	5	21100	12	#0	16QAM	21.21	-4.21	17.00	PASS
NVNT	Band7	5	21100	12	#Mid	16QAM	21.17	-4.21	16.96	PASS
NVNT	Band7	5	21100	12	#Max	16QAM	21.17	-4.21	16.96	PASS
NVNT	Band7	5	21100	25	#0	16QAM	21.17	-4.21	16.96	PASS
NVNT	Band7	5	21425	1	#0	QPSK	23.23	-4.21	19.02	PASS
NVNT	Band7	5	21425	1	#Mid	QPSK	23.21	-4.21	19.00	PASS
NVNT	Band7	5	21425	1	#Max	QPSK	23.19	-4.21	18.98	PASS
NVNT	Band7	5	21425	12	#0	QPSK	22.13	-4.21	17.92	PASS
NVNT	Band7	5	21425	12	#Mid	QPSK	22.20	-4.21	17.99	PASS
NVNT	Band7	5	21425	12	#Max	QPSK	22.14	-4.21	17.93	PASS
NVNT	Band7	5	21425	25	#0	QPSK	22.23	-4.21	18.02	PASS
NVNT	Band7	5	21425	1	#0	16QAM	22.33	-4.21	18.12	PASS
NVNT	Band7	5	21425	1	#Mid	16QAM	22.26	-4.21	18.05	PASS

NVNT	Band7	5	21425	1	#Max	16QAM	22.31	-4.21	18.10	PASS
NVNT	Band7	5	21425	12	#0	16QAM	21.25	-4.21	17.04	PASS
NVNT	Band7	5	21425	12	#Mid	16QAM	21.18	-4.21	16.97	PASS
NVNT	Band7	5	21425	12	#Max	16QAM	21.20	-4.21	16.99	PASS
NVNT	Band7	5	21425	25	#0	16QAM	21.44	-4.21	17.23	PASS
NVNT	Band7	10	20800	1	#0	QPSK	23.19	-4.21	18.98	PASS
NVNT	Band7	10	20800	1	#Mid	QPSK	23.20	-4.21	18.99	PASS
NVNT	Band7	10	20800	1	#Max	QPSK	23.16	-4.21	18.95	PASS
NVNT	Band7	10	20800	25	#0	QPSK	22.25	-4.21	18.04	PASS
NVNT	Band7	10	20800	25	#Mid	QPSK	22.17	-4.21	17.96	PASS
NVNT	Band7	10	20800	25	#Max	QPSK	22.21	-4.21	18.00	PASS
NVNT	Band7	10	20800	50	#0	QPSK	22.21	-4.21	18.00	PASS
NVNT	Band7	10	20800	1	#0	16QAM	23.50	-4.21	19.29	PASS
NVNT	Band7	10	20800	1	#Mid	16QAM	23.52	-4.21	19.31	PASS
NVNT	Band7	10	20800	1	#Max	16QAM	23.53	-4.21	19.32	PASS
NVNT	Band7	10	20800	25	#0	16QAM	21.23	-4.21	17.02	PASS
NVNT	Band7	10	20800	25	#Mid	16QAM	21.18	-4.21	16.97	PASS
NVNT	Band7	10	20800	25	#Max	16QAM	21.17	-4.21	16.96	PASS
NVNT	Band7	10	20800	50	#0	16QAM	21.22	-4.21	17.01	PASS
NVNT	Band7	10	21100	1	#0	QPSK	23.05	-4.21	18.84	PASS
NVNT	Band7	10	21100	1	#Mid	QPSK	22.99	-4.21	18.78	PASS
NVNT	Band7	10	21100	1	#Max	QPSK	22.98	-4.21	18.77	PASS
NVNT	Band7	10	21100	25	#0	QPSK	22.04	-4.21	17.83	PASS
NVNT	Band7	10	21100	25	#Mid	QPSK	22.12	-4.21	17.91	PASS
NVNT	Band7	10	21100	25	#Max	QPSK	22.12	-4.21	17.91	PASS
NVNT	Band7	10	21100	50	#0	QPSK	21.99	-4.21	17.78	PASS
NVNT	Band7	10	21100	1	#0	16QAM	22.21	-4.21	18.00	PASS
NVNT	Band7	10	21100	1	#Mid	16QAM	22.20	-4.21	17.99	PASS
NVNT	Band7	10	21100	1	#Max	16QAM	22.25	-4.21	18.04	PASS
NVNT	Band7	10	21100	25	#0	16QAM	21.18	-4.21	16.97	PASS
NVNT	Band7	10	21100	25	#Mid	16QAM	21.12	-4.21	16.91	PASS
NVNT	Band7	10	21100	25	#Max	16QAM	21.21	-4.21	17.00	PASS
NVNT	Band7	10	21100	50	#0	16QAM	21.27	-4.21	17.06	PASS
NVNT	Band7	10	21400	1	#0	QPSK	23.33	-4.21	19.12	PASS
NVNT	Band7	10	21400	1	#Mid	QPSK	23.34	-4.21	19.13	PASS
NVNT	Band7	10	21400	1	#Max	QPSK	23.42	-4.21	19.21	PASS
NVNT	Band7	10	21400	25	#0	QPSK	22.19	-4.21	17.98	PASS
NVNT	Band7	10	21400	25	#Mid	QPSK	22.21	-4.21	18.00	PASS
NVNT	Band7	10	21400	25	#Max	QPSK	22.09	-4.21	17.88	PASS
NVNT	Band7	10	21400	50	#0	QPSK	22.10	-4.21	17.89	PASS
NVNT	Band7	10	21400	1	#0	16QAM	22.29	-4.21	18.08	PASS
NVNT	Band7	10	21400	1	#Mid	16QAM	22.36	-4.21	18.15	PASS

NVNT	Band7	10	21400	1	#Max	16QAM	22.40	-4.21	18.19	PASS
NVNT	Band7	10	21400	25	#0	16QAM	21.34	-4.21	17.13	PASS
NVNT	Band7	10	21400	25	#Mid	16QAM	21.40	-4.21	17.19	PASS
NVNT	Band7	10	21400	25	#Max	16QAM	21.33	-4.21	17.12	PASS
NVNT	Band7	10	21400	50	#0	16QAM	21.30	-4.21	17.09	PASS
NVNT	Band7	15	20825	1	#0	QPSK	23.16	-4.21	18.95	PASS
NVNT	Band7	15	20825	1	#Mid	QPSK	23.12	-4.21	18.91	PASS
NVNT	Band7	15	20825	1	#Max	QPSK	23.07	-4.21	18.86	PASS
NVNT	Band7	15	20825	36	#0	QPSK	22.21	-4.21	18.00	PASS
NVNT	Band7	15	20825	36	#Mid	QPSK	22.12	-4.21	17.91	PASS
NVNT	Band7	15	20825	36	#Max	QPSK	22.21	-4.21	18.00	PASS
NVNT	Band7	15	20825	75	#0	QPSK	22.23	-4.21	18.02	PASS
NVNT	Band7	15	20825	1	#0	16QAM	23.59	-4.21	19.38	PASS
NVNT	Band7	15	20825	1	#Mid	16QAM	23.55	-4.21	19.34	PASS
NVNT	Band7	15	20825	1	#Max	16QAM	23.52	-4.21	19.31	PASS
NVNT	Band7	15	20825	36	#0	16QAM	21.27	-4.21	17.06	PASS
NVNT	Band7	15	20825	36	#Mid	16QAM	21.27	-4.21	17.06	PASS
NVNT	Band7	15	20825	36	#Max	16QAM	21.27	-4.21	17.06	PASS
NVNT	Band7	15	20825	75	#0	16QAM	21.26	-4.21	17.05	PASS
NVNT	Band7	15	21100	1	#0	QPSK	23.18	-4.21	18.97	PASS
NVNT	Band7	15	21100	1	#Mid	QPSK	23.11	-4.21	18.90	PASS
NVNT	Band7	15	21100	1	#Max	QPSK	23.02	-4.21	18.81	PASS
NVNT	Band7	15	21100	36	#0	QPSK	22.07	-4.21	17.86	PASS
NVNT	Band7	15	21100	36	#Mid	QPSK	22.02	-4.21	17.81	PASS
NVNT	Band7	15	21100	36	#Max	QPSK	22.05	-4.21	17.84	PASS
NVNT	Band7	15	21100	75	#0	QPSK	22.05	-4.21	17.84	PASS
NVNT	Band7	15	21100	1	#0	16QAM	22.13	-4.21	17.92	PASS
NVNT	Band7	15	21100	1	#Mid	16QAM	22.19	-4.21	17.98	PASS
NVNT	Band7	15	21100	1	#Max	16QAM	22.11	-4.21	17.90	PASS
NVNT	Band7	15	21100	36	#0	16QAM	21.30	-4.21	17.09	PASS
NVNT	Band7	15	21100	36	#Mid	16QAM	21.28	-4.21	17.07	PASS
NVNT	Band7	15	21100	36	#Max	16QAM	21.27	-4.21	17.06	PASS
NVNT	Band7	15	21100	75	#0	16QAM	21.20	-4.21	16.99	PASS
NVNT	Band7	15	21375	1	#0	QPSK	23.26	-4.21	19.05	PASS
NVNT	Band7	15	21375	1	#Mid	QPSK	23.33	-4.21	19.12	PASS
NVNT	Band7	15	21375	1	#Max	QPSK	23.41	-4.21	19.20	PASS
NVNT	Band7	15	21375	36	#0	QPSK	22.12	-4.21	17.91	PASS
NVNT	Band7	15	21375	36	#Mid	QPSK	22.17	-4.21	17.96	PASS
NVNT	Band7	15	21375	36	#Max	QPSK	22.11	-4.21	17.90	PASS
NVNT	Band7	15	21375	75	#0	QPSK	22.19	-4.21	17.98	PASS
NVNT	Band7	15	21375	1	#0	16QAM	22.96	-4.21	18.75	PASS
NVNT	Band7	15	21375	1	#Mid	16QAM	23.04	-4.21	18.83	PASS

NVNT	Band7	15	21375	1	#Max	16QAM	23.06	-4.21	18.85	PASS
NVNT	Band7	15	21375	36	#0	16QAM	21.25	-4.21	17.04	PASS
NVNT	Band7	15	21375	36	#Mid	16QAM	21.30	-4.21	17.09	PASS
NVNT	Band7	15	21375	36	#Max	16QAM	21.35	-4.21	17.14	PASS
NVNT	Band7	15	21375	75	#0	16QAM	21.41	-4.21	17.20	PASS
NVNT	Band7	20	20850	1	#0	QPSK	23.22	-4.21	19.01	PASS
NVNT	Band7	20	20850	1	#Mid	QPSK	23.26	-4.21	19.05	PASS
NVNT	Band7	20	20850	1	#Max	QPSK	23.19	-4.21	18.98	PASS
NVNT	Band7	20	20850	50	#0	QPSK	22.24	-4.21	18.03	PASS
NVNT	Band7	20	20850	50	#Mid	QPSK	22.02	-4.21	17.81	PASS
NVNT	Band7	20	20850	50	#Max	QPSK	22.08	-4.21	17.87	PASS
NVNT	Band7	20	20850	100	#0	QPSK	22.08	-4.21	17.87	PASS
NVNT	Band7	20	20850	1	#0	16QAM	21.99	-4.21	17.78	PASS
NVNT	Band7	20	20850	1	#Mid	16QAM	21.99	-4.21	17.78	PASS
NVNT	Band7	20	20850	1	#Max	16QAM	21.90	-4.21	17.69	PASS
NVNT	Band7	20	20850	50	#0	16QAM	21.40	-4.21	17.19	PASS
NVNT	Band7	20	20850	50	#Mid	16QAM	21.43	-4.21	17.22	PASS
NVNT	Band7	20	20850	50	#Max	16QAM	21.35	-4.21	17.14	PASS
NVNT	Band7	20	20850	100	#0	16QAM	21.23	-4.21	17.02	PASS
NVNT	Band7	20	21100	1	#0	QPSK	23.25	-4.21	19.04	PASS
NVNT	Band7	20	21100	1	#Mid	QPSK	23.23	-4.21	19.02	PASS
NVNT	Band7	20	21100	1	#Max	QPSK	23.25	-4.21	19.04	PASS
NVNT	Band7	20	21100	50	#0	QPSK	22.20	-4.21	17.99	PASS
NVNT	Band7	20	21100	50	#Mid	QPSK	22.04	-4.21	17.83	PASS
NVNT	Band7	20	21100	50	#Max	QPSK	22.20	-4.21	17.99	PASS
NVNT	Band7	20	21100	100	#0	QPSK	22.04	-4.21	17.83	PASS
NVNT	Band7	20	21100	1	#0	16QAM	22.50	-4.21	18.29	PASS
NVNT	Band7	20	21100	1	#Mid	16QAM	22.45	-4.21	18.24	PASS
NVNT	Band7	20	21100	1	#Max	16QAM	22.54	-4.21	18.33	PASS
NVNT	Band7	20	21100	50	#0	16QAM	21.20	-4.21	16.99	PASS
NVNT	Band7	20	21100	50	#Mid	16QAM	21.22	-4.21	17.01	PASS
NVNT	Band7	20	21100	50	#Max	16QAM	21.17	-4.21	16.96	PASS
NVNT	Band7	20	21100	100	#0	16QAM	21.08	-4.21	16.87	PASS
NVNT	Band7	20	21350	1	#0	QPSK	23.33	-4.21	19.12	PASS
NVNT	Band7	20	21350	1	#Mid	QPSK	23.42	-4.21	19.21	PASS
NVNT	Band7	20	21350	1	#Max	QPSK	23.48	-4.21	19.27	PASS
NVNT	Band7	20	21350	50	#0	QPSK	22.07	-4.21	17.86	PASS
NVNT	Band7	20	21350	50	#Mid	QPSK	22.07	-4.21	17.86	PASS
NVNT	Band7	20	21350	50	#Max	QPSK	22.22	-4.21	18.01	PASS
NVNT	Band7	20	21350	100	#0	QPSK	22.13	-4.21	17.92	PASS
NVNT	Band7	20	21350	1	#0	16QAM	22.17	-4.21	17.96	PASS
NVNT	Band7	20	21350	1	#Mid	16QAM	22.15	-4.21	17.94	PASS

NVNT	Band7	20	21350	1	#Max	16QAM	22.23	-4.21	18.02	PASS
NVNT	Band7	20	21350	50	#0	16QAM	21.23	-4.21	17.02	PASS
NVNT	Band7	20	21350	50	#Mid	16QAM	21.31	-4.21	17.10	PASS
NVNT	Band7	20	21350	50	#Max	16QAM	21.33	-4.21	17.12	PASS
NVNT	Band7	20	21350	100	#0	16QAM	21.21	-4.21	17.00	PASS



Appendix 2.Frequency stability

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Voltage (Vdc)	Temperatue (C)	Result (Hz)	Result (ppm)	Verdict
Band7	5	20775	25	#0	QPSK	LV	LT	-44.82	-0.018	PASS
Band7	5	20775	25	#0	QPSK	NV	LT	-38.81	-0.016	PASS
Band7	5	20775	25	#0	QPSK	HV	LT	-23.63	-0.009	PASS
Band7	5	20775	25	#0	16QAM	LV	LT	-33.77	-0.013	PASS
Band7	5	20775	25	#0	16QAM	NV	LT	-4.35	-0.002	PASS
Band7	5	20775	25	#0	16QAM	HV	LT	34.60	0.014	PASS
Band7	5	21100	25	#0	QPSK	LV	LT	0.17	0.000	PASS
Band7	5	21100	25	#0	QPSK	NV	LT	-2.12	-0.001	PASS
Band7	5	21100	25	#0	QPSK	HV	LT	4.22	0.002	PASS
Band7	5	21100	25	#0	16QAM	LV	LT	24.56	0.010	PASS
Band7	5	21100	25	#0	16QAM	NV	LT	45.63	0.018	PASS
Band7	5	21100	25	#0	16QAM	HV	LT	38.34	0.015	PASS
Band7	5	21425	25	#0	QPSK	LV	LT	-36.39	-0.014	PASS
Band7	5	21425	25	#0	QPSK	NV	LT	-4.06	-0.002	PASS
Band7	5	21425	25	#0	QPSK	HV	LT	9.56	0.004	PASS
Band7	5	21425	25	#0	16QAM	LV	LT	25.52	0.010	PASS
Band7	5	21425	25	#0	16QAM	NV	LT	33.95	0.013	PASS
Band7	5	21425	25	#0	16QAM	HV	LT	36.31	0.014	PASS
Band7	10	20800	50	#0	QPSK	LV	LT	-45.91	-0.018	PASS
Band7	10	20800	50	#0	QPSK	NV	LT	-35.62	-0.014	PASS
Band7	10	20800	50	#0	QPSK	HV	LT	-40.20	-0.016	PASS
Band7	10	20800	50	#0	16QAM	LV	LT	-30.77	-0.012	PASS
Band7	10	20800	50	#0	16QAM	NV	LT	-14.19	-0.006	PASS
Band7	10	20800	50	#0	16QAM	HV	LT	-2.82	-0.001	PASS
Band7	10	21100	50	#0	QPSK	LV	LT	-16.77	-0.007	PASS
Band7	10	21100	50	#0	QPSK	NV	LT	-31.56	-0.012	PASS
Band7	10	21100	50	#0	QPSK	HV	LT	-22.12	-0.009	PASS
Band7	10	21100	50	#0	16QAM	LV	LT	10.11	0.004	PASS
Band7	10	21100	50	#0	16QAM	NV	LT	15.55	0.006	PASS
Band7	10	21100	50	#0	16QAM	HV	LT	11.23	0.004	PASS
Band7	10	21400	50	#0	QPSK	LV	LT	-6.88	-0.003	PASS
Band7	10	21400	50	#0	QPSK	NV	LT	-17.02	-0.007	PASS
Band7	10	21400	50	#0	QPSK	HV	LT	23.39	0.009	PASS
Band7	10	21400	50	#0	16QAM	LV	LT	28.20	0.011	PASS
Band7	10	21400	50	#0	16QAM	NV	LT	7.60	0.003	PASS
Band7	10	21400	50	#0	16QAM	HV	LT	29.83	0.012	PASS
Band7	15	20825	75	#0	QPSK	LV	LT	-37.84	-0.015	PASS
Band7	15	20825	75	#0	QPSK	NV	LT	-30.33	-0.012	PASS

Band7	15	20825	75	#0	QPSK	HV	LT	7.10	0.003	PASS
Band7	15	20825	75	#0	16QAM	LV	LT	35.52	0.014	PASS
Band7	15	20825	75	#0	16QAM	NV	LT	12.89	0.005	PASS
Band7	15	20825	75	#0	16QAM	HV	LT	0.97	0.000	PASS
Band7	15	21100	75	#0	QPSK	LV	LT	-10.97	-0.004	PASS
Band7	15	21100	75	#0	QPSK	NV	LT	-38.31	-0.015	PASS
Band7	15	21100	75	#0	QPSK	HV	LT	-15.42	-0.006	PASS
Band7	15	21100	75	#0	16QAM	LV	LT	17.81	0.007	PASS
Band7	15	21100	75	#0	16QAM	NV	LT	25.08	0.010	PASS
Band7	15	21100	75	#0	16QAM	HV	LT	34.75	0.014	PASS
Band7	15	21375	75	#0	QPSK	LV	LT	-23.52	-0.009	PASS
Band7	15	21375	75	#0	QPSK	NV	LT	8.40	0.003	PASS
Band7	15	21375	75	#0	QPSK	HV	LT	13.25	0.005	PASS
Band7	15	21375	75	#0	16QAM	LV	LT	36.56	0.014	PASS
Band7	15	21375	75	#0	16QAM	NV	LT	34.59	0.013	PASS
Band7	15	21375	75	#0	16QAM	HV	LT	23.83	0.009	PASS
Band7	20	20850	100	#0	QPSK	LV	LT	-42.59	-0.017	PASS
Band7	20	20850	100	#0	QPSK	NV	LT	-27.81	-0.011	PASS
Band7	20	20850	100	#0	QPSK	HV	LT	-14.68	-0.006	PASS
Band7	20	20850	100	#0	16QAM	LV	LT	27.71	0.011	PASS
Band7	20	20850	100	#0	16QAM	NV	LT	22.92	0.009	PASS
Band7	20	20850	100	#0	16QAM	HV	LT	31.64	0.013	PASS
Band7	20	21100	100	#0	QPSK	LV	LT	-40.63	-0.016	PASS
Band7	20	21100	100	#0	QPSK	NV	LT	-26.36	-0.010	PASS
Band7	20	21100	100	#0	QPSK	HV	LT	23.92	0.009	PASS
Band7	20	21100	100	#0	16QAM	LV	LT	15.91	0.006	PASS
Band7	20	21100	100	#0	16QAM	NV	LT	22.16	0.009	PASS
Band7	20	21100	100	#0	16QAM	HV	LT	12.22	0.005	PASS
Band7	20	21350	100	#0	QPSK	LV	LT	-30.18	-0.012	PASS
Band7	20	21350	100	#0	QPSK	NV	LT	-30.04	-0.012	PASS
Band7	20	21350	100	#0	QPSK	HV	LT	28.18	0.011	PASS
Band7	20	21350	100	#0	16QAM	LV	LT	29.54	0.012	PASS
Band7	20	21350	100	#0	16QAM	NV	LT	23.42	0.009	PASS
Band7	20	21350	100	#0	16QAM	HV	LT	32.76	0.013	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	-58.28	-0.023	PASS
Band7	5	20775	25	#0	QPSK	NV	-20	-36.15	-0.014	PASS
Band7	5	20775	25	#0	QPSK	NV	0	-11.76	-0.005	PASS
Band7	5	20775	25	#0	QPSK	NV	10	-5.79	-0.002	PASS
Band7	5	20775	25	#0	QPSK	NV	20	21.96	0.009	PASS

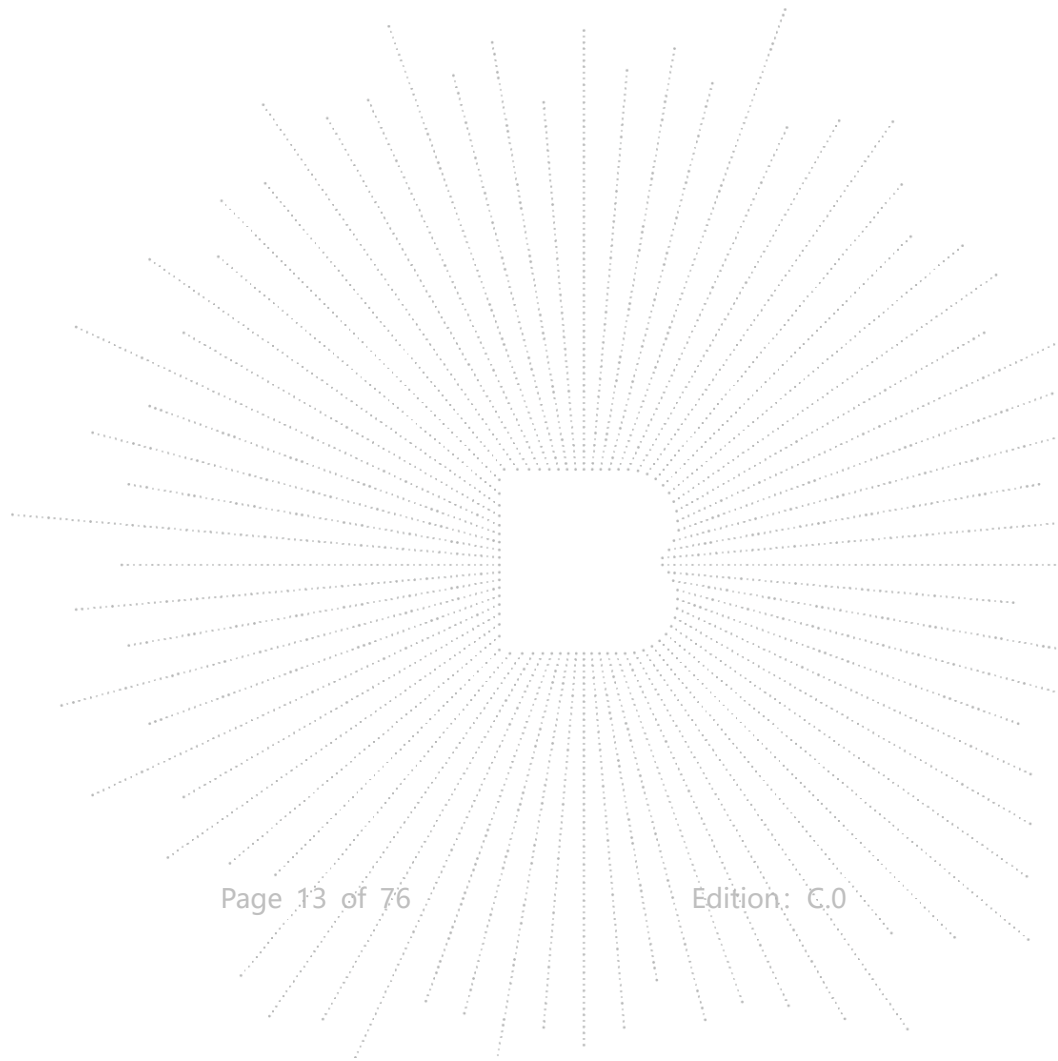
Band7	5	20775	25	#0	QPSK	NV	30	28.11	0.011	PASS
Band7	5	20775	25	#0	QPSK	NV	40	27.12	0.011	PASS
Band7	5	20775	25	#0	QPSK	NV	50	44.89	0.018	PASS
Band7	5	20775	25	#0	16QAM	NV	-30	33.93	0.014	PASS
Band7	5	20775	25	#0	16QAM	NV	-20	43.66	0.017	PASS
Band7	5	20775	25	#0	16QAM	NV	0	45.63	0.018	PASS
Band7	5	20775	25	#0	16QAM	NV	10	25.68	0.010	PASS
Band7	5	20775	25	#0	16QAM	NV	20	35.10	0.014	PASS
Band7	5	20775	25	#0	16QAM	NV	30	11.53	0.005	PASS
Band7	5	20775	25	#0	16QAM	NV	40	20.03	0.008	PASS
Band7	5	20775	25	#0	16QAM	NV	50	26.04	0.010	PASS
Band7	5	21100	25	#0	QPSK	NV	-30	1.20	0.000	PASS
Band7	5	21100	25	#0	QPSK	NV	-20	10.63	0.004	PASS
Band7	5	21100	25	#0	QPSK	NV	0	35.85	0.014	PASS
Band7	5	21100	25	#0	QPSK	NV	10	39.77	0.016	PASS
Band7	5	21100	25	#0	QPSK	NV	20	41.30	0.016	PASS
Band7	5	21100	25	#0	QPSK	NV	30	45.59	0.018	PASS
Band7	5	21100	25	#0	QPSK	NV	40	32.52	0.013	PASS
Band7	5	21100	25	#0	QPSK	NV	50	14.43	0.006	PASS
Band7	5	21100	25	#0	16QAM	NV	-30	29.35	0.012	PASS
Band7	5	21100	25	#0	16QAM	NV	-20	41.76	0.016	PASS
Band7	5	21100	25	#0	16QAM	NV	0	20.86	0.008	PASS
Band7	5	21100	25	#0	16QAM	NV	10	25.51	0.010	PASS
Band7	5	21100	25	#0	16QAM	NV	20	37.55	0.015	PASS
Band7	5	21100	25	#0	16QAM	NV	30	42.09	0.017	PASS
Band7	5	21100	25	#0	16QAM	NV	40	31.83	0.013	PASS
Band7	5	21100	25	#0	16QAM	NV	50	18.35	0.007	PASS
Band7	5	21425	25	#0	QPSK	NV	-30	-15.44	-0.006	PASS
Band7	5	21425	25	#0	QPSK	NV	-20	-11.03	-0.004	PASS
Band7	5	21425	25	#0	QPSK	NV	0	27.95	0.011	PASS
Band7	5	21425	25	#0	QPSK	NV	10	40.13	0.016	PASS
Band7	5	21425	25	#0	QPSK	NV	20	43.07	0.017	PASS
Band7	5	21425	25	#0	QPSK	NV	30	45.93	0.018	PASS
Band7	5	21425	25	#0	QPSK	NV	40	40.21	0.016	PASS
Band7	5	21425	25	#0	QPSK	NV	50	40.56	0.016	PASS
Band7	5	21425	25	#0	16QAM	NV	-30	29.45	0.011	PASS
Band7	5	21425	25	#0	16QAM	NV	-20	29.08	0.011	PASS
Band7	5	21425	25	#0	16QAM	NV	0	44.10	0.017	PASS
Band7	5	21425	25	#0	16QAM	NV	10	33.73	0.013	PASS
Band7	5	21425	25	#0	16QAM	NV	20	27.37	0.011	PASS
Band7	5	21425	25	#0	16QAM	NV	30	30.14	0.012	PASS
Band7	5	21425	25	#0	16QAM	NV	40	39.81	0.016	PASS

Band7	5	21425	25	#0	16QAM	NV	50	20.28	0.008	PASS
Band7	10	20800	50	#0	QPSK	NV	-30	-71.40	-0.029	PASS
Band7	10	20800	50	#0	QPSK	NV	-20	-39.57	-0.016	PASS
Band7	10	20800	50	#0	QPSK	NV	0	-16.74	-0.007	PASS
Band7	10	20800	50	#0	QPSK	NV	10	30.98	0.012	PASS
Band7	10	20800	50	#0	QPSK	NV	20	32.87	0.013	PASS
Band7	10	20800	50	#0	QPSK	NV	30	39.87	0.016	PASS
Band7	10	20800	50	#0	QPSK	NV	40	36.09	0.014	PASS
Band7	10	20800	50	#0	QPSK	NV	50	32.40	0.013	PASS
Band7	10	20800	50	#0	16QAM	NV	-30	32.63	0.013	PASS
Band7	10	20800	50	#0	16QAM	NV	-20	27.85	0.011	PASS
Band7	10	20800	50	#0	16QAM	NV	0	15.91	0.006	PASS
Band7	10	20800	50	#0	16QAM	NV	10	33.30	0.013	PASS
Band7	10	20800	50	#0	16QAM	NV	20	24.89	0.010	PASS
Band7	10	20800	50	#0	16QAM	NV	30	14.06	0.006	PASS
Band7	10	20800	50	#0	16QAM	NV	40	18.93	0.008	PASS
Band7	10	20800	50	#0	16QAM	NV	50	13.22	0.005	PASS
Band7	10	21100	50	#0	QPSK	NV	-30	-32.10	-0.013	PASS
Band7	10	21100	50	#0	QPSK	NV	-20	-9.88	-0.004	PASS
Band7	10	21100	50	#0	QPSK	NV	0	34.89	0.014	PASS
Band7	10	21100	50	#0	QPSK	NV	10	30.77	0.012	PASS
Band7	10	21100	50	#0	QPSK	NV	20	26.18	0.010	PASS
Band7	10	21100	50	#0	QPSK	NV	30	24.66	0.010	PASS
Band7	10	21100	50	#0	QPSK	NV	40	25.41	0.010	PASS
Band7	10	21100	50	#0	QPSK	NV	50	24.95	0.010	PASS
Band7	10	21100	50	#0	16QAM	NV	-30	25.19	0.010	PASS
Band7	10	21100	50	#0	16QAM	NV	-20	35.31	0.014	PASS
Band7	10	21100	50	#0	16QAM	NV	0	9.47	0.004	PASS
Band7	10	21100	50	#0	16QAM	NV	10	-5.99	-0.002	PASS
Band7	10	21100	50	#0	16QAM	NV	20	-30.17	-0.012	PASS
Band7	10	21100	50	#0	16QAM	NV	30	-21.41	-0.008	PASS
Band7	10	21100	50	#0	16QAM	NV	40	-20.28	-0.008	PASS
Band7	10	21100	50	#0	16QAM	NV	50	-46.02	-0.018	PASS
Band7	10	21400	50	#0	QPSK	NV	-30	4.08	0.002	PASS
Band7	10	21400	50	#0	QPSK	NV	-20	26.39	0.010	PASS
Band7	10	21400	50	#0	QPSK	NV	0	17.85	0.007	PASS
Band7	10	21400	50	#0	QPSK	NV	10	39.01	0.015	PASS
Band7	10	21400	50	#0	QPSK	NV	20	37.75	0.015	PASS
Band7	10	21400	50	#0	QPSK	NV	30	36.42	0.014	PASS
Band7	10	21400	50	#0	QPSK	NV	40	40.31	0.016	PASS
Band7	10	21400	50	#0	QPSK	NV	50	29.93	0.012	PASS
Band7	10	21400	50	#0	16QAM	NV	-30	35.95	0.014	PASS

Band7	10	21400	50	#0	16QAM	NV	-20	38.09	0.015	PASS
Band7	10	21400	50	#0	16QAM	NV	0	33.26	0.013	PASS
Band7	10	21400	50	#0	16QAM	NV	10	28.04	0.011	PASS
Band7	10	21400	50	#0	16QAM	NV	20	0.34	0.000	PASS
Band7	10	21400	50	#0	16QAM	NV	30	3.48	0.001	PASS
Band7	10	21400	50	#0	16QAM	NV	40	16.81	0.007	PASS
Band7	10	21400	50	#0	16QAM	NV	50	44.62	0.017	PASS
Band7	15	20825	75	#0	QPSK	NV	-30	-59.19	-0.024	PASS
Band7	15	20825	75	#0	QPSK	NV	-20	-39.63	-0.016	PASS
Band7	15	20825	75	#0	QPSK	NV	0	2.39	0.001	PASS
Band7	15	20825	75	#0	QPSK	NV	10	37.68	0.015	PASS
Band7	15	20825	75	#0	QPSK	NV	20	30.44	0.012	PASS
Band7	15	20825	75	#0	QPSK	NV	30	34.40	0.014	PASS
Band7	15	20825	75	#0	QPSK	NV	40	28.92	0.012	PASS
Band7	15	20825	75	#0	QPSK	NV	50	28.70	0.011	PASS
Band7	15	20825	75	#0	16QAM	NV	-30	21.93	0.009	PASS
Band7	15	20825	75	#0	16QAM	NV	-20	28.87	0.012	PASS
Band7	15	20825	75	#0	16QAM	NV	0	36.56	0.015	PASS
Band7	15	20825	75	#0	16QAM	NV	10	32.00	0.013	PASS
Band7	15	20825	75	#0	16QAM	NV	20	16.06	0.006	PASS
Band7	15	20825	75	#0	16QAM	NV	30	-9.38	-0.004	PASS
Band7	15	20825	75	#0	16QAM	NV	40	-40.91	-0.016	PASS
Band7	15	20825	75	#0	16QAM	NV	50	-26.36	-0.011	PASS
Band7	15	21100	75	#0	QPSK	NV	-30	-16.05	-0.006	PASS
Band7	15	21100	75	#0	QPSK	NV	-20	-21.82	-0.009	PASS
Band7	15	21100	75	#0	QPSK	NV	0	32.34	0.013	PASS
Band7	15	21100	75	#0	QPSK	NV	10	25.21	0.010	PASS
Band7	15	21100	75	#0	QPSK	NV	20	33.09	0.013	PASS
Band7	15	21100	75	#0	QPSK	NV	30	31.00	0.012	PASS
Band7	15	21100	75	#0	QPSK	NV	40	18.17	0.007	PASS
Band7	15	21100	75	#0	QPSK	NV	50	28.45	0.011	PASS
Band7	15	21100	75	#0	16QAM	NV	-30	33.62	0.013	PASS
Band7	15	21100	75	#0	16QAM	NV	-20	11.00	0.004	PASS
Band7	15	21100	75	#0	16QAM	NV	0	-14.23	-0.006	PASS
Band7	15	21100	75	#0	16QAM	NV	10	-22.66	-0.009	PASS
Band7	15	21100	75	#0	16QAM	NV	20	-26.12	-0.010	PASS
Band7	15	21100	75	#0	16QAM	NV	30	-25.15	-0.010	PASS
Band7	15	21100	75	#0	16QAM	NV	40	-15.69	-0.006	PASS
Band7	15	21100	75	#0	16QAM	NV	50	-33.32	-0.013	PASS
Band7	15	21375	75	#0	QPSK	NV	-30	-25.96	-0.010	PASS
Band7	15	21375	75	#0	QPSK	NV	-20	16.39	0.006	PASS
Band7	15	21375	75	#0	QPSK	NV	0	33.45	0.013	PASS

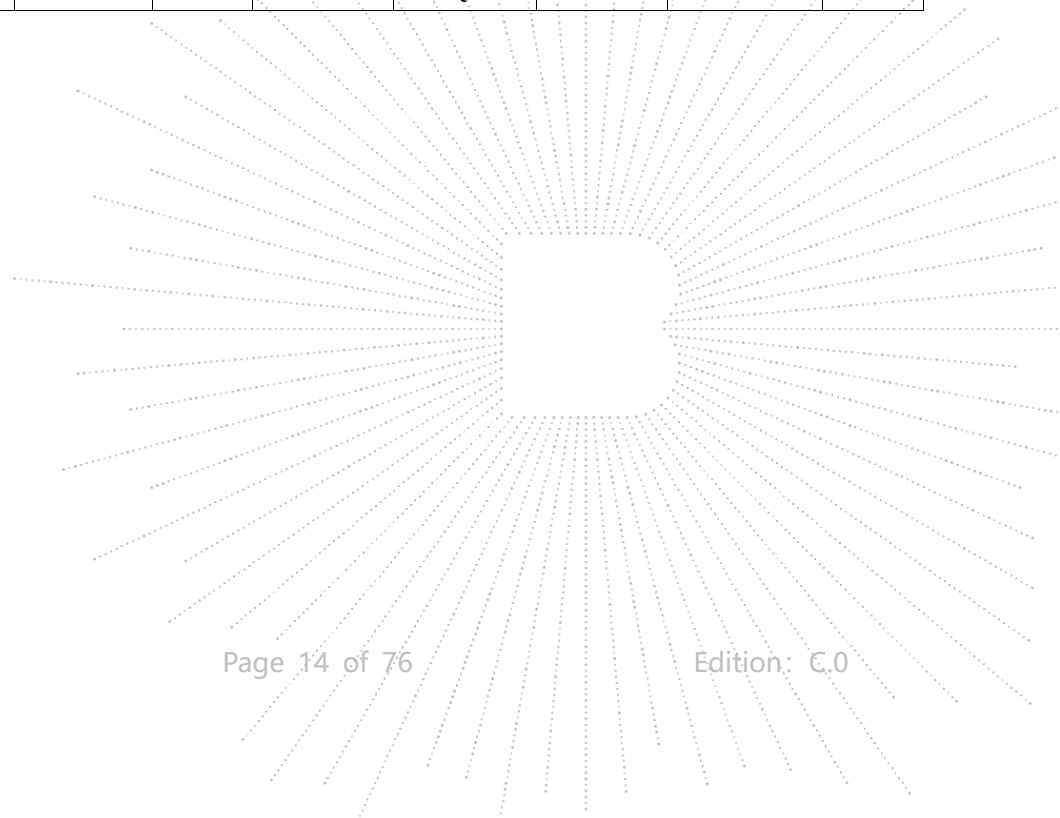
Band7	15	21375	75	#0	QPSK	NV	10	40.66	0.016	PASS
Band7	15	21375	75	#0	QPSK	NV	20	40.24	0.016	PASS
Band7	15	21375	75	#0	QPSK	NV	30	32.99	0.013	PASS
Band7	15	21375	75	#0	QPSK	NV	40	27.32	0.011	PASS
Band7	15	21375	75	#0	QPSK	NV	50	33.73	0.013	PASS
Band7	15	21375	75	#0	16QAM	NV	-30	20.91	0.008	PASS
Band7	15	21375	75	#0	16QAM	NV	-20	22.29	0.009	PASS
Band7	15	21375	75	#0	16QAM	NV	0	27.71	0.011	PASS
Band7	15	21375	75	#0	16QAM	NV	10	25.88	0.010	PASS
Band7	15	21375	75	#0	16QAM	NV	20	18.94	0.007	PASS
Band7	15	21375	75	#0	16QAM	NV	30	6.12	0.002	PASS
Band7	15	21375	75	#0	16QAM	NV	40	2.42	0.001	PASS
Band7	15	21375	75	#0	16QAM	NV	50	10.64	0.004	PASS
Band7	20	20850	100	#0	QPSK	NV	-30	-52.13	-0.021	PASS
Band7	20	20850	100	#0	QPSK	NV	-20	-21.14	-0.008	PASS
Band7	20	20850	100	#0	QPSK	NV	0	28.24	0.011	PASS
Band7	20	20850	100	#0	QPSK	NV	10	38.82	0.015	PASS
Band7	20	20850	100	#0	QPSK	NV	20	43.86	0.017	PASS
Band7	20	20850	100	#0	QPSK	NV	30	32.04	0.013	PASS
Band7	20	20850	100	#0	QPSK	NV	40	33.70	0.013	PASS
Band7	20	20850	100	#0	QPSK	NV	50	30.88	0.012	PASS
Band7	20	20850	100	#0	16QAM	NV	-30	26.91	0.011	PASS
Band7	20	20850	100	#0	16QAM	NV	-20	32.72	0.013	PASS
Band7	20	20850	100	#0	16QAM	NV	0	25.52	0.010	PASS
Band7	20	20850	100	#0	16QAM	NV	10	-9.91	-0.004	PASS
Band7	20	20850	100	#0	16QAM	NV	20	-27.67	-0.011	PASS
Band7	20	20850	100	#0	16QAM	NV	30	-33.33	-0.013	PASS
Band7	20	20850	100	#0	16QAM	NV	40	-35.28	-0.014	PASS
Band7	20	20850	100	#0	16QAM	NV	50	-25.85	-0.010	PASS
Band7	20	21100	100	#0	QPSK	NV	-30	-16.51	-0.007	PASS
Band7	20	21100	100	#0	QPSK	NV	-20	-24.53	-0.010	PASS
Band7	20	21100	100	#0	QPSK	NV	0	24.86	0.010	PASS
Band7	20	21100	100	#0	QPSK	NV	10	25.71	0.010	PASS
Band7	20	21100	100	#0	QPSK	NV	20	31.44	0.012	PASS
Band7	20	21100	100	#0	QPSK	NV	30	29.34	0.012	PASS
Band7	20	21100	100	#0	QPSK	NV	40	29.64	0.012	PASS
Band7	20	21100	100	#0	QPSK	NV	50	35.29	0.014	PASS
Band7	20	21100	100	#0	16QAM	NV	-30	33.79	0.013	PASS
Band7	20	21100	100	#0	16QAM	NV	-20	16.38	0.006	PASS
Band7	20	21100	100	#0	16QAM	NV	0	-20.60	-0.008	PASS
Band7	20	21100	100	#0	16QAM	NV	10	-19.50	-0.008	PASS
Band7	20	21100	100	#0	16QAM	NV	20	-23.33	-0.009	PASS

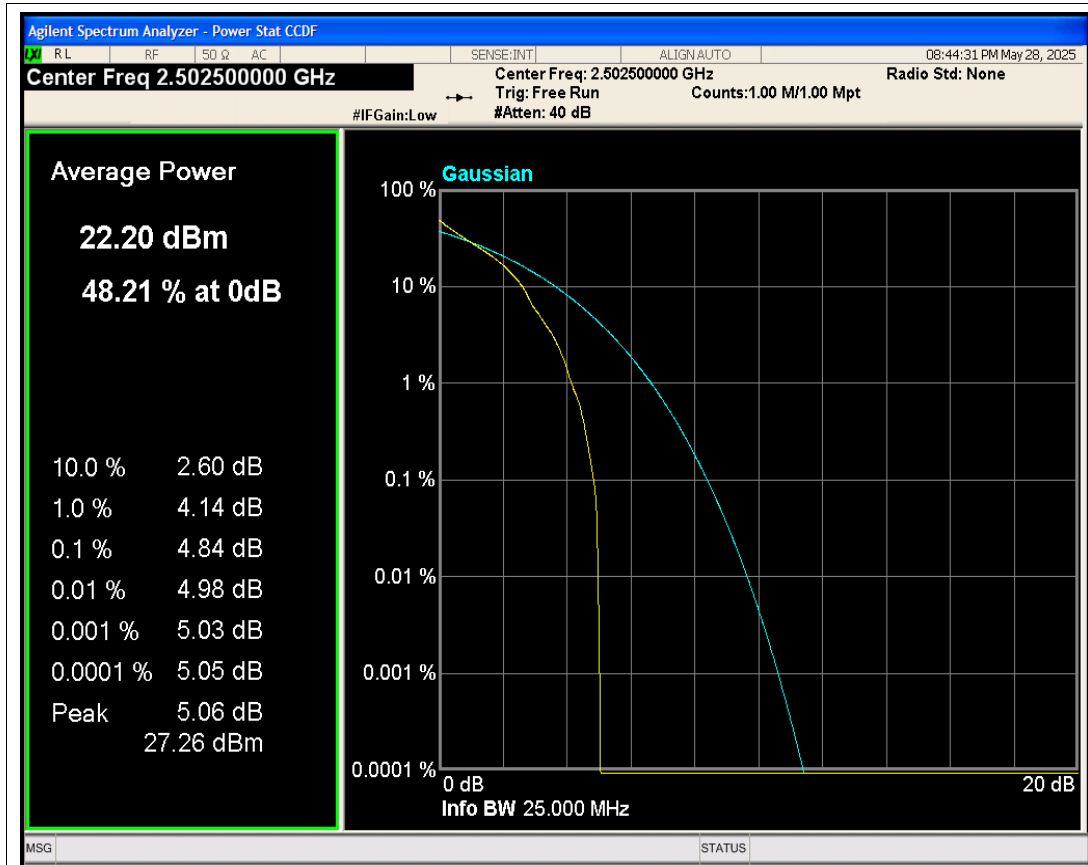
Band7	20	21100	100	#0	16QAM	NV	30	-35.38	-0.014	PASS
Band7	20	21100	100	#0	16QAM	NV	40	-23.65	-0.009	PASS
Band7	20	21100	100	#0	16QAM	NV	50	-31.87	-0.013	PASS
Band7	20	21350	100	#0	QPSK	NV	-30	-36.39	-0.014	PASS
Band7	20	21350	100	#0	QPSK	NV	-20	18.42	0.007	PASS
Band7	20	21350	100	#0	QPSK	NV	0	35.76	0.014	PASS
Band7	20	21350	100	#0	QPSK	NV	10	29.17	0.011	PASS
Band7	20	21350	100	#0	QPSK	NV	20	30.91	0.012	PASS
Band7	20	21350	100	#0	QPSK	NV	30	39.47	0.015	PASS
Band7	20	21350	100	#0	QPSK	NV	40	26.56	0.010	PASS
Band7	20	21350	100	#0	QPSK	NV	50	34.02	0.013	PASS
Band7	20	21350	100	#0	16QAM	NV	-30	28.85	0.011	PASS
Band7	20	21350	100	#0	16QAM	NV	-20	25.65	0.010	PASS
Band7	20	21350	100	#0	16QAM	NV	0	20.38	0.008	PASS
Band7	20	21350	100	#0	16QAM	NV	10	0.49	0.000	PASS
Band7	20	21350	100	#0	16QAM	NV	20	-32.64	-0.013	PASS
Band7	20	21350	100	#0	16QAM	NV	30	-26.22	-0.010	PASS
Band7	20	21350	100	#0	16QAM	NV	40	-39.80	-0.016	PASS
Band7	20	21350	100	#0	16QAM	NV	50	-18.97	-0.007	PASS



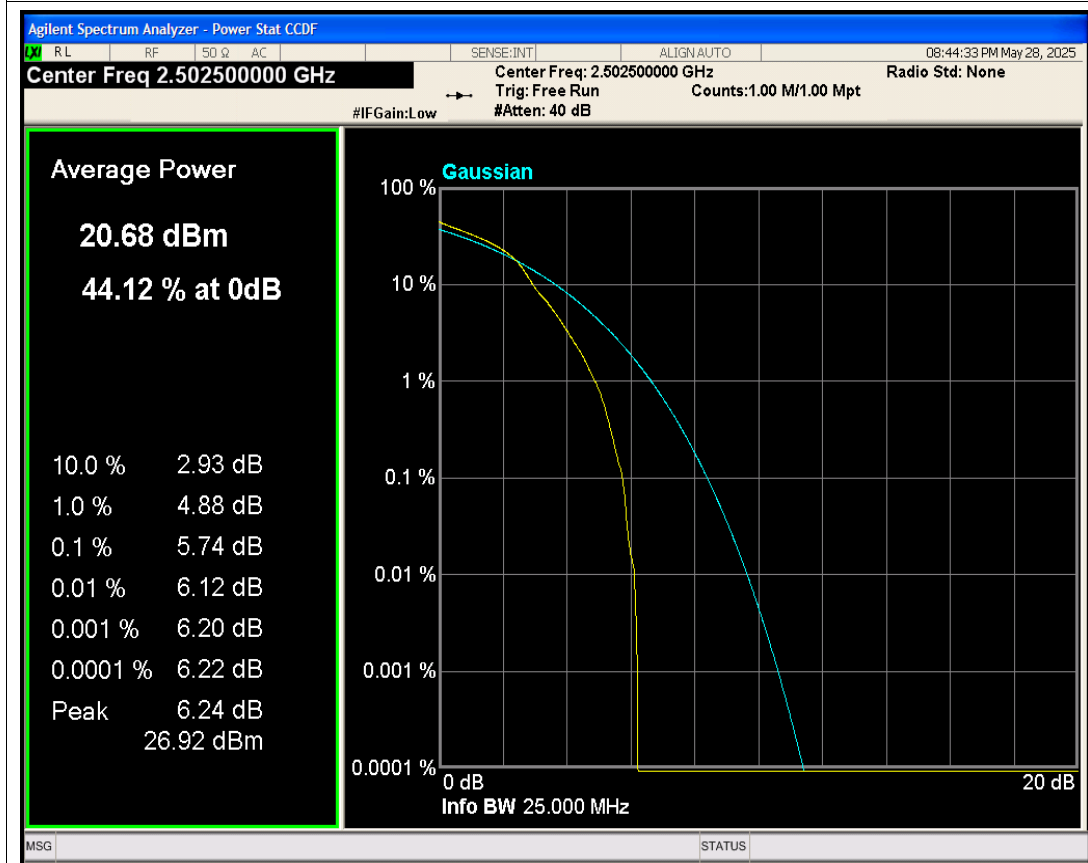
Appendix 3. Peak-to-Average Ratio

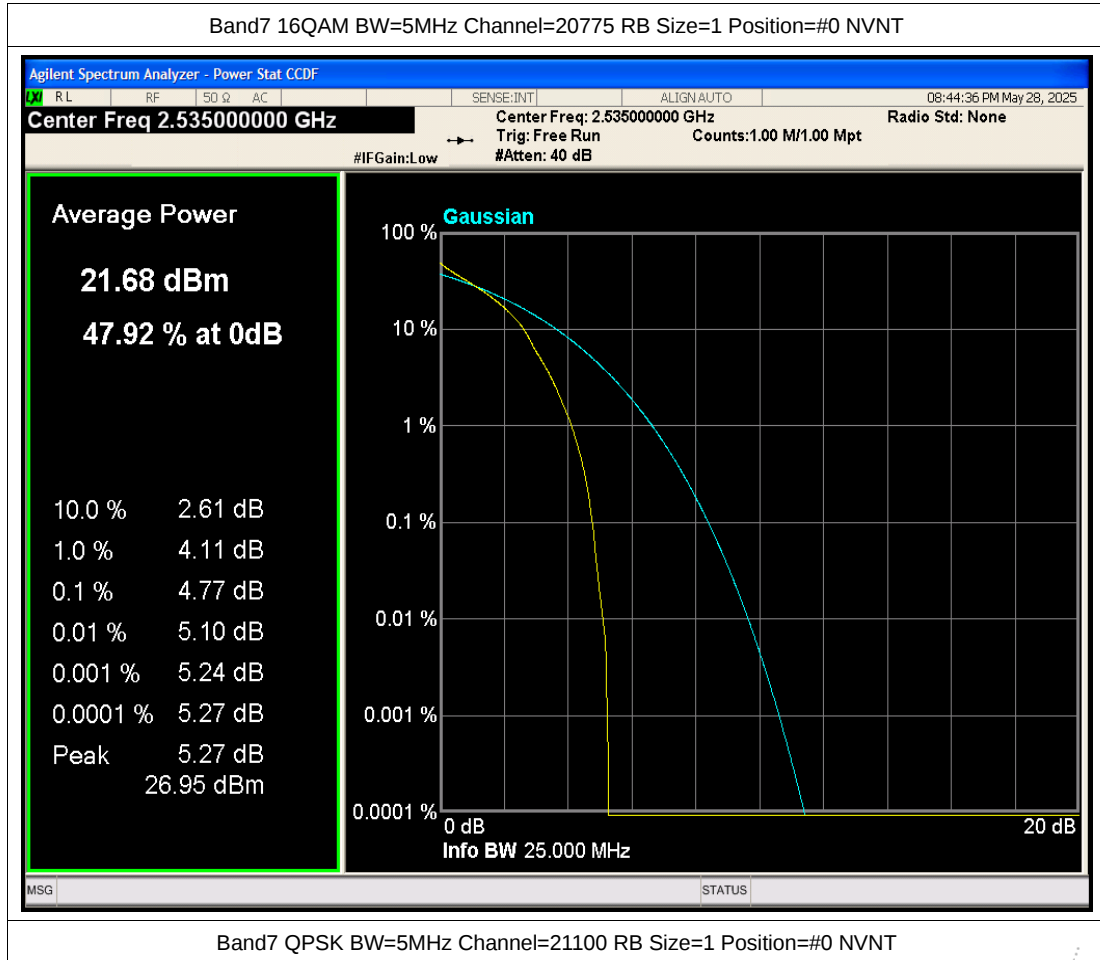
Condition	Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
NVNT	Band7	5	20775	1	#0	QPSK	4.84	13	PASS
NVNT	Band7	5	20775	1	#0	16QAM	5.74	13	PASS
NVNT	Band7	5	21100	1	#0	QPSK	4.77	13	PASS
NVNT	Band7	5	21100	1	#0	16QAM	5.52	13	PASS
NVNT	Band7	5	21425	1	#0	QPSK	4.20	13	PASS
NVNT	Band7	5	21425	1	#0	16QAM	5.09	13	PASS
NVNT	Band7	10	20800	1	#0	QPSK	4.71	13	PASS
NVNT	Band7	10	20800	1	#0	16QAM	5.57	13	PASS
NVNT	Band7	10	21100	1	#0	QPSK	4.90	13	PASS
NVNT	Band7	10	21100	1	#0	16QAM	5.70	13	PASS
NVNT	Band7	10	21400	1	#0	QPSK	4.20	13	PASS
NVNT	Band7	10	21400	1	#0	16QAM	5.27	13	PASS
NVNT	Band7	15	20825	1	#0	QPSK	4.77	13	PASS
NVNT	Band7	15	20825	1	#0	16QAM	5.71	13	PASS
NVNT	Band7	15	21100	1	#0	QPSK	4.71	13	PASS
NVNT	Band7	15	21100	1	#0	16QAM	5.49	13	PASS
NVNT	Band7	15	21375	1	#0	QPSK	4.31	13	PASS
NVNT	Band7	15	21375	1	#0	16QAM	5.10	13	PASS
NVNT	Band7	20	20850	1	#0	QPSK	4.58	13	PASS
NVNT	Band7	20	20850	1	#0	16QAM	5.54	13	PASS
NVNT	Band7	20	21100	1	#0	QPSK	4.50	13	PASS
NVNT	Band7	20	21100	1	#0	16QAM	5.58	13	PASS
NVNT	Band7	20	21350	1	#0	QPSK	4.29	13	PASS
NVNT	Band7	20	21350	1	#0	16QAM	5.24	13	PASS

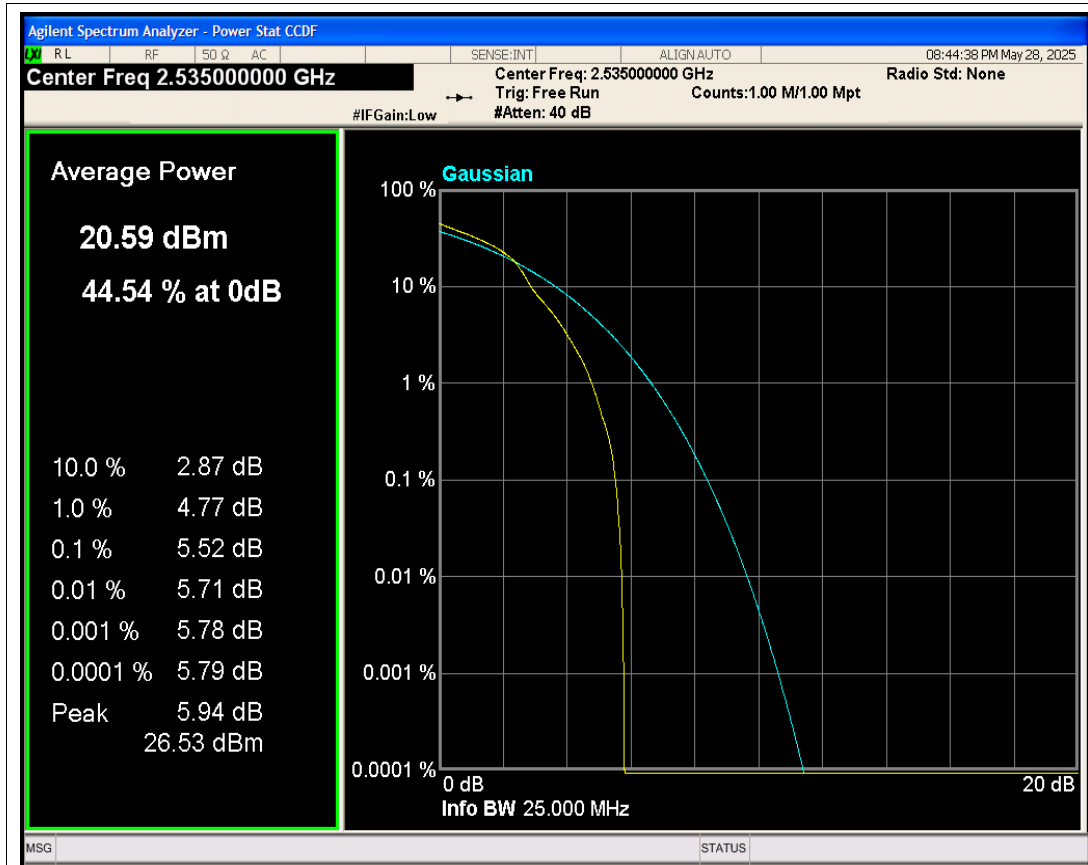




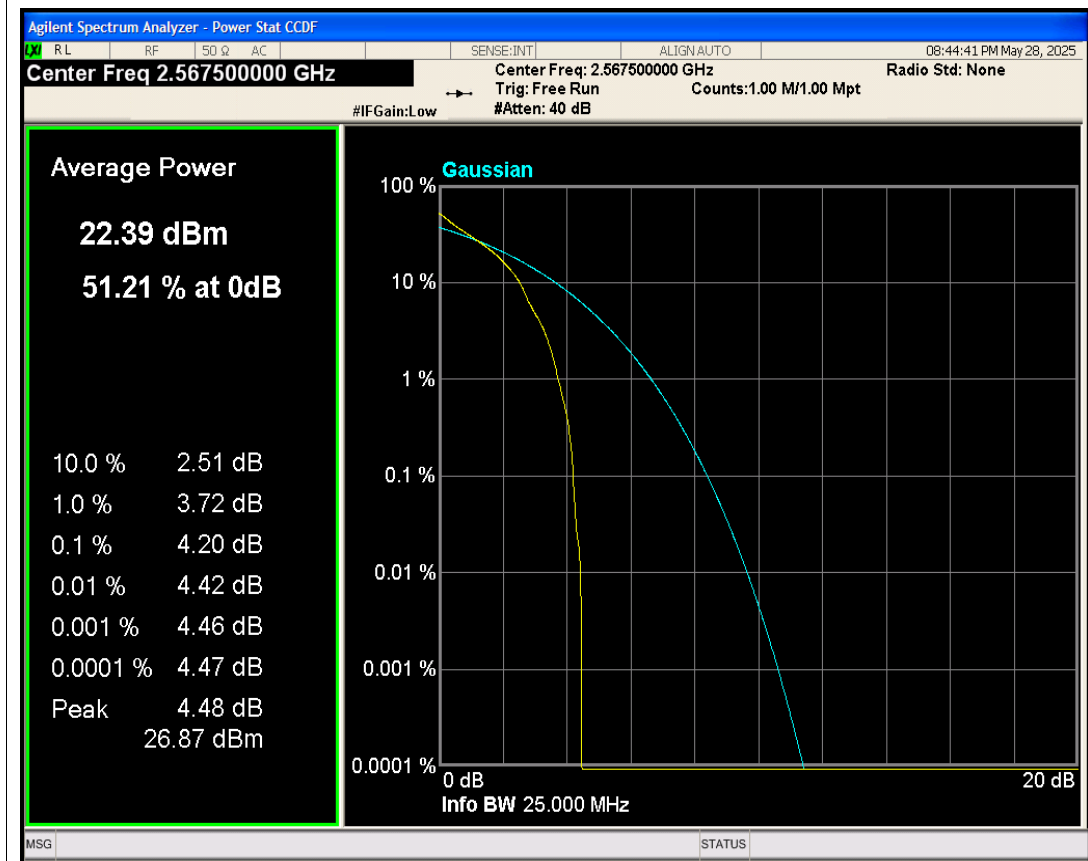
Band7 QPSK BW=5MHz Channel=20775 RB Size=1 Position=#0 NVNT

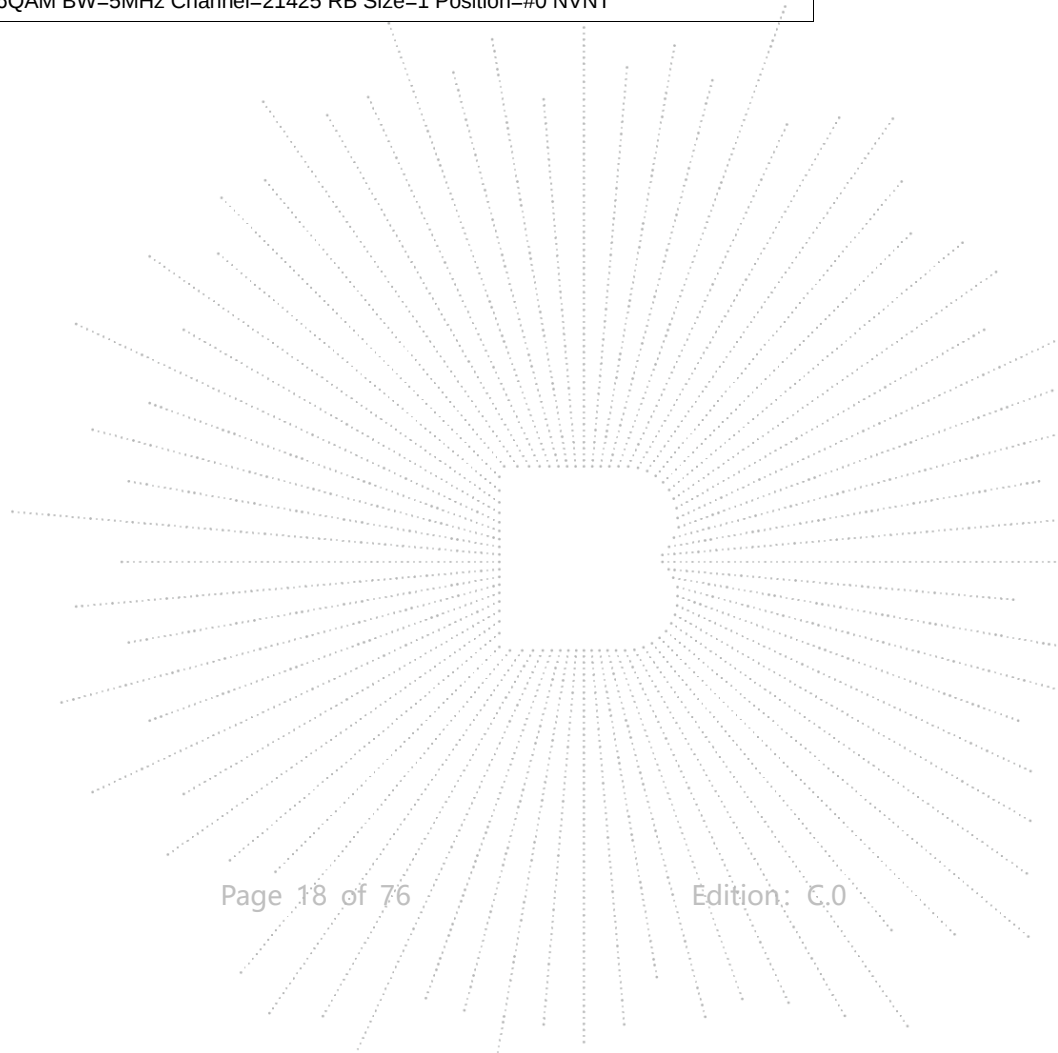
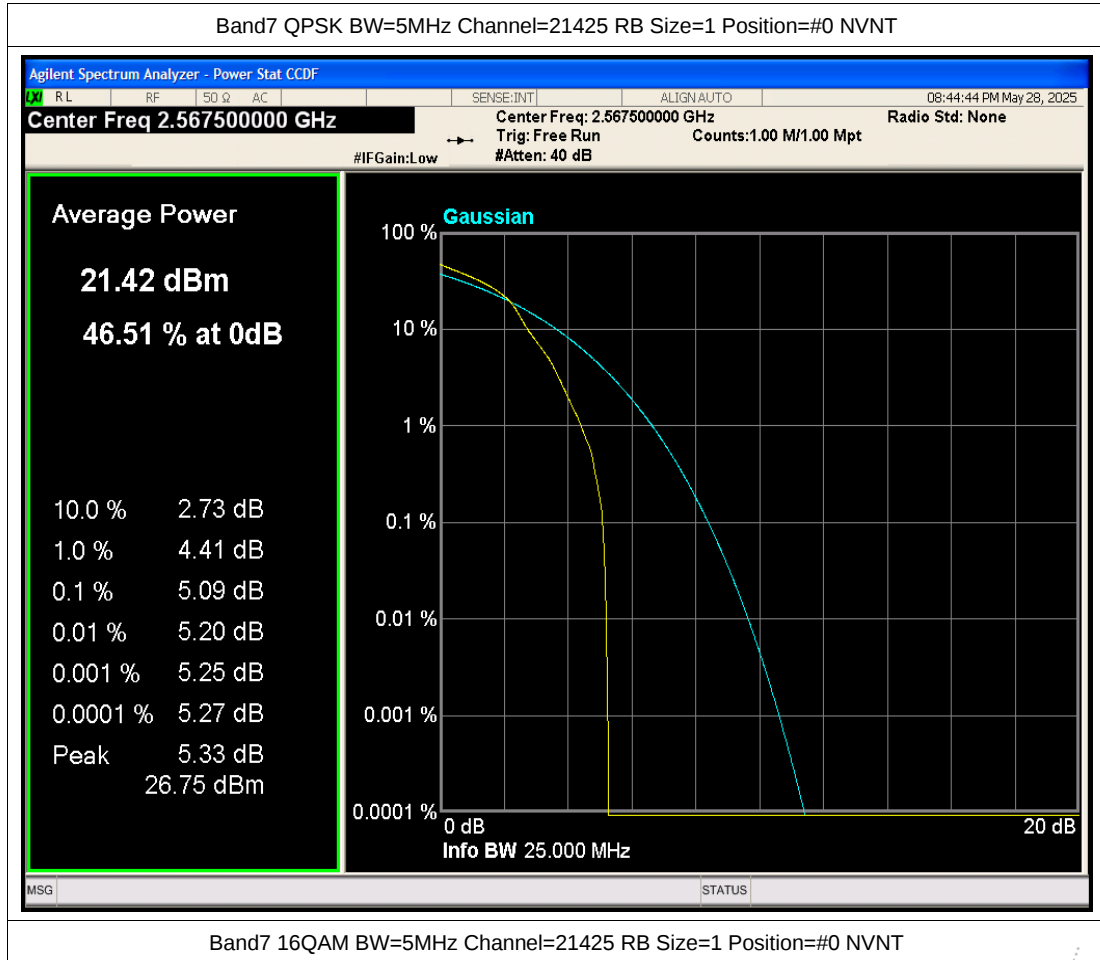


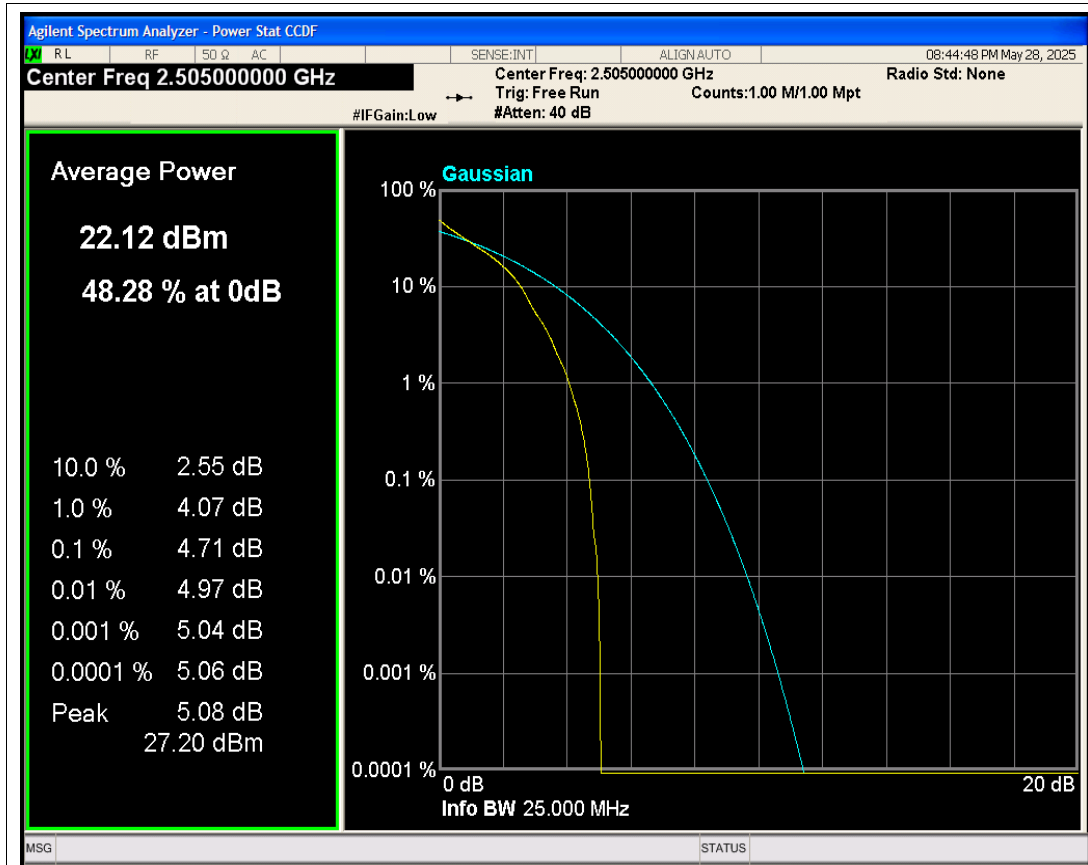




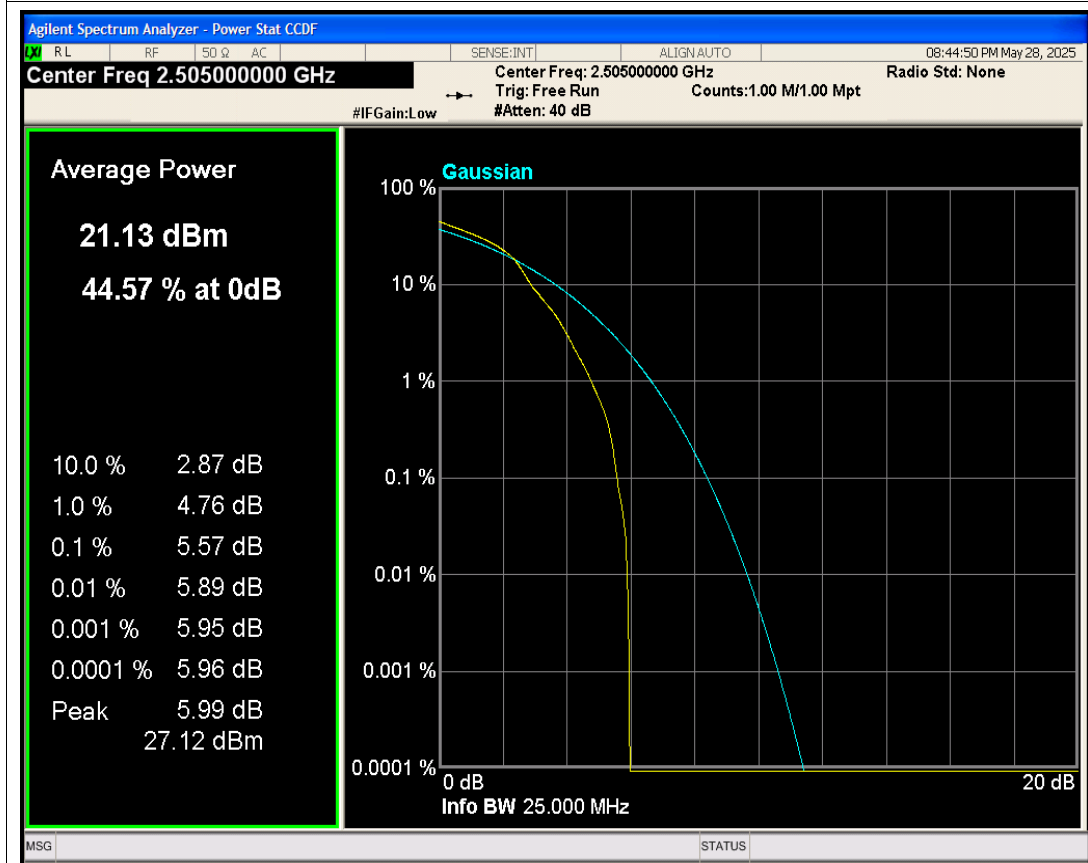
Band7 16QAM BW=5MHz Channel=21100 RB Size=1 Position=#0 NVNT

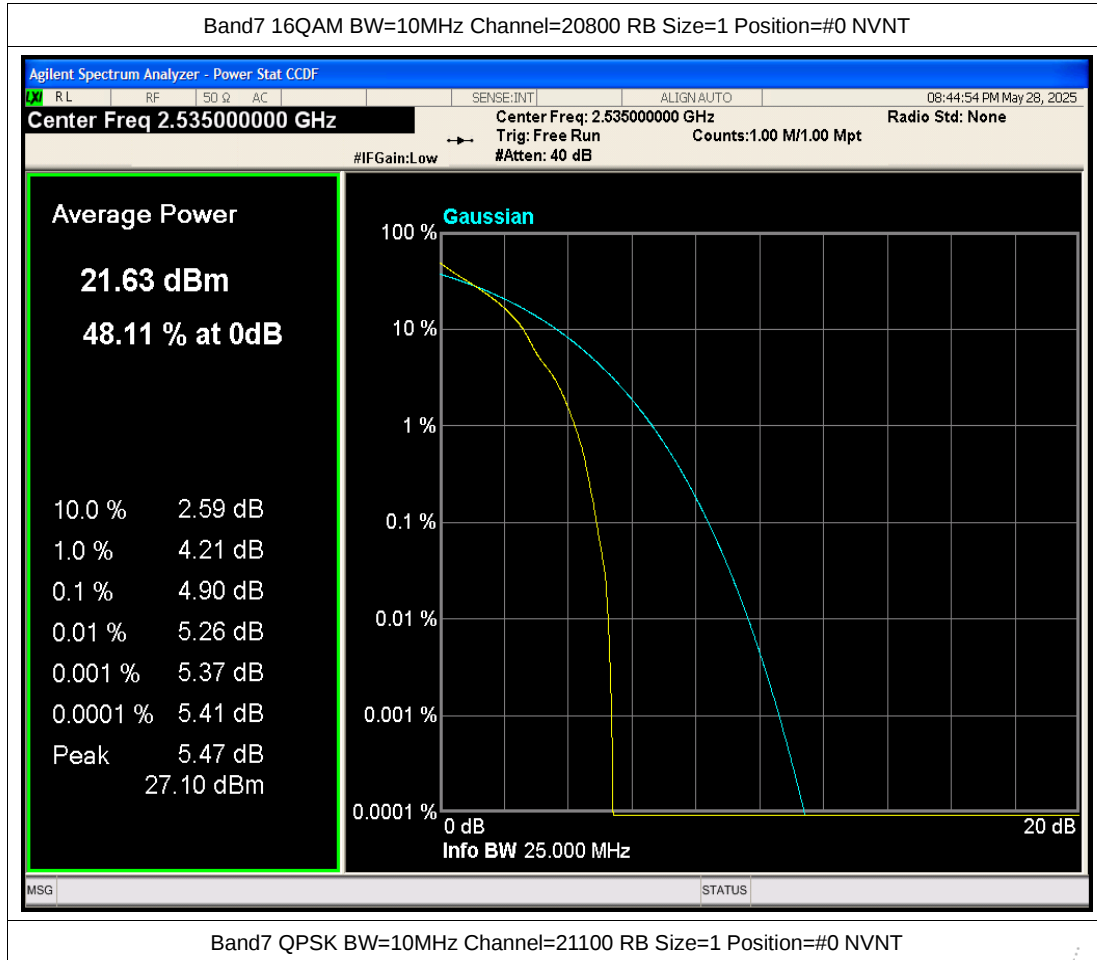


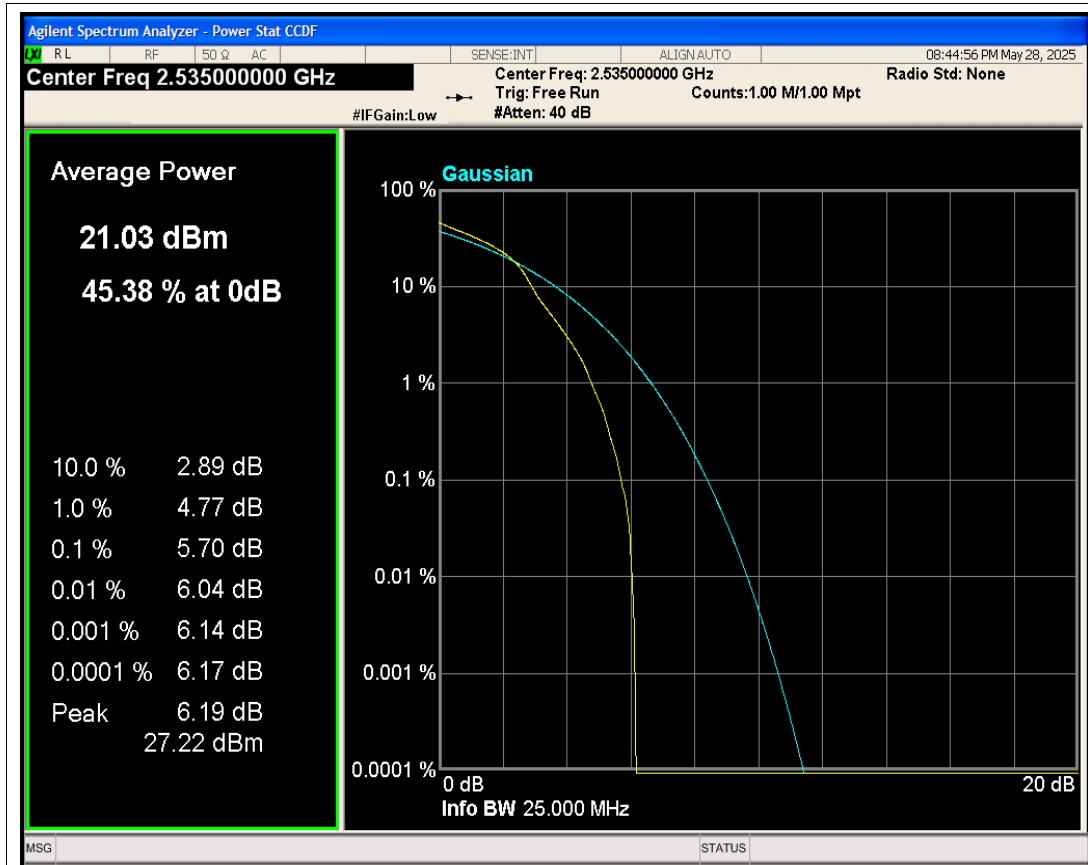




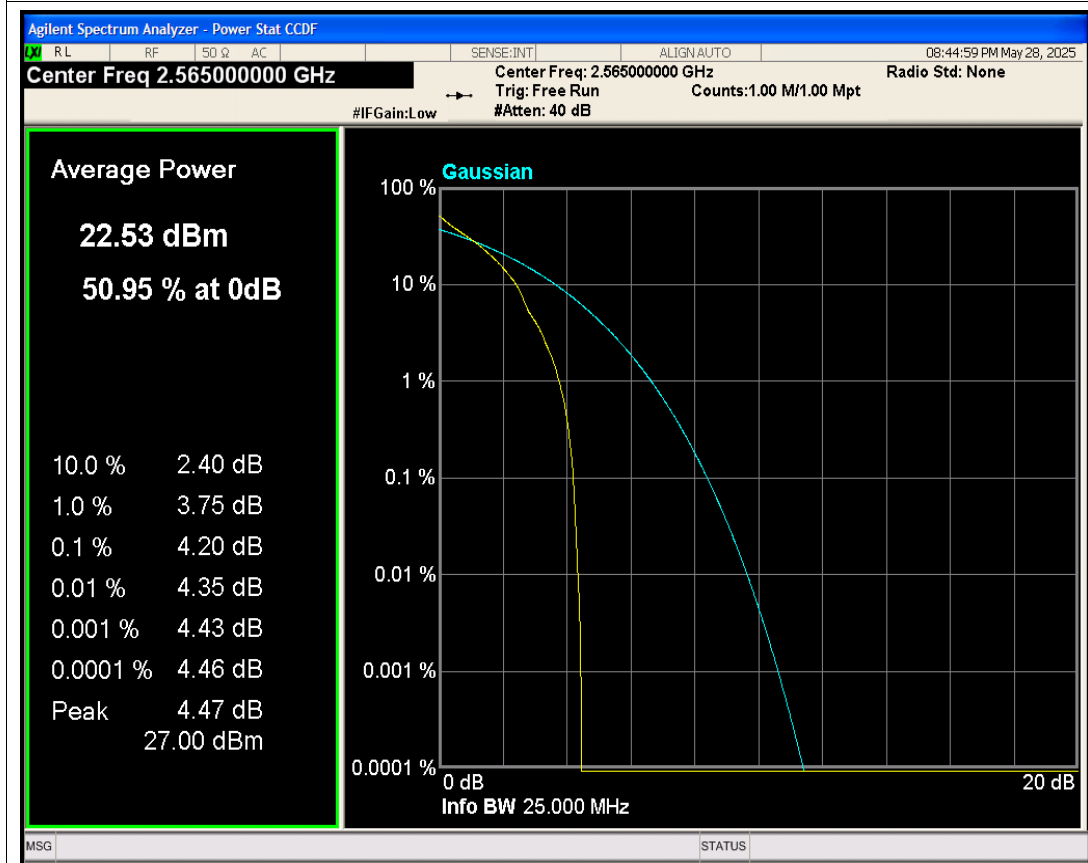
Band7 QPSK BW=10MHz Channel=20800 RB Size=1 Position=#0 NVNT

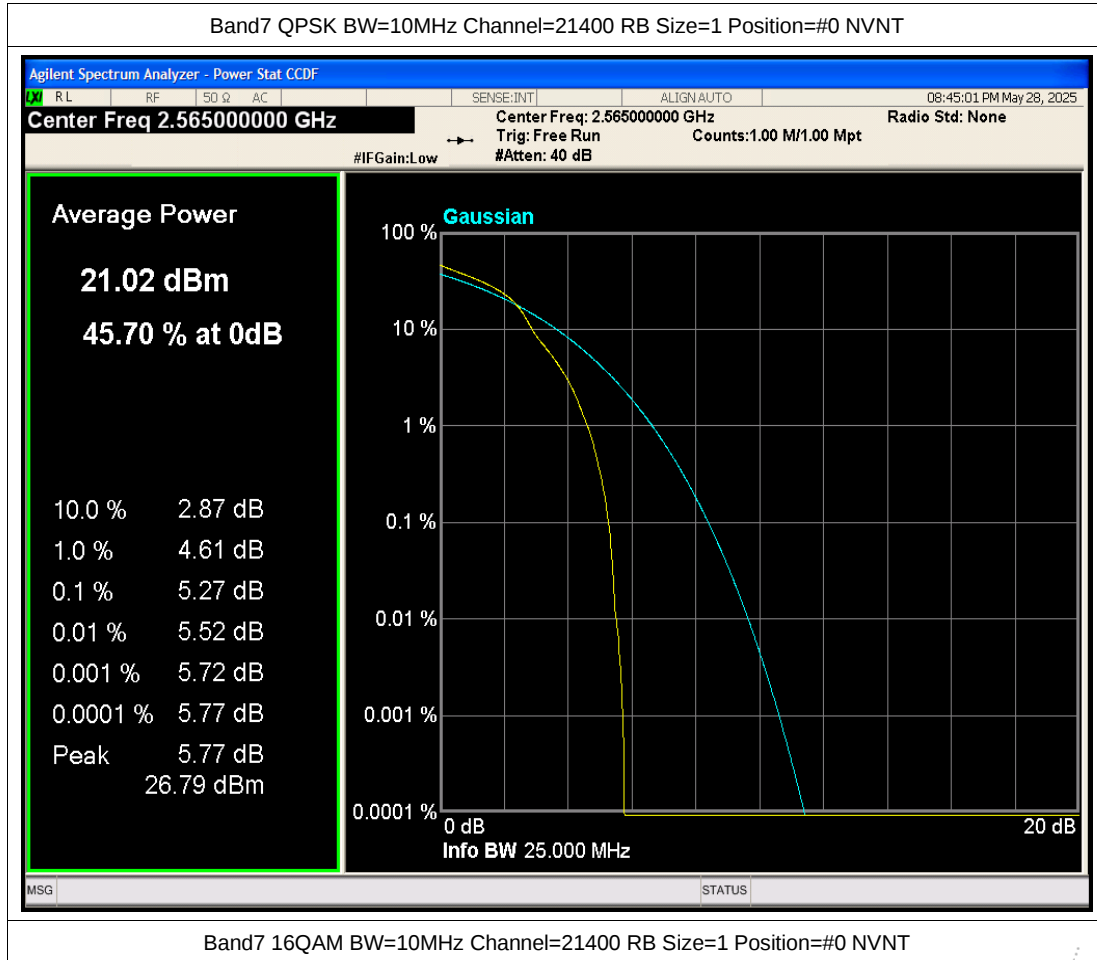






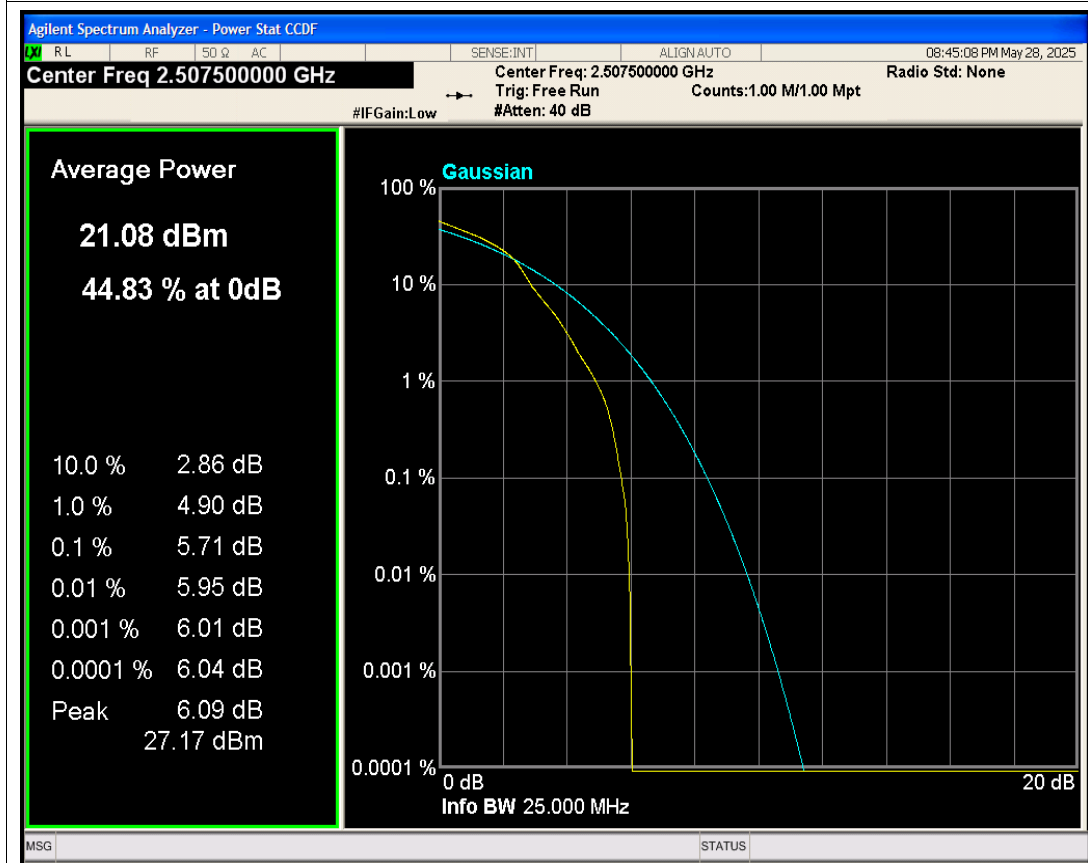
Band7 16QAM BW=10MHz Channel=21100 RB Size=1 Position=#0 NVNT

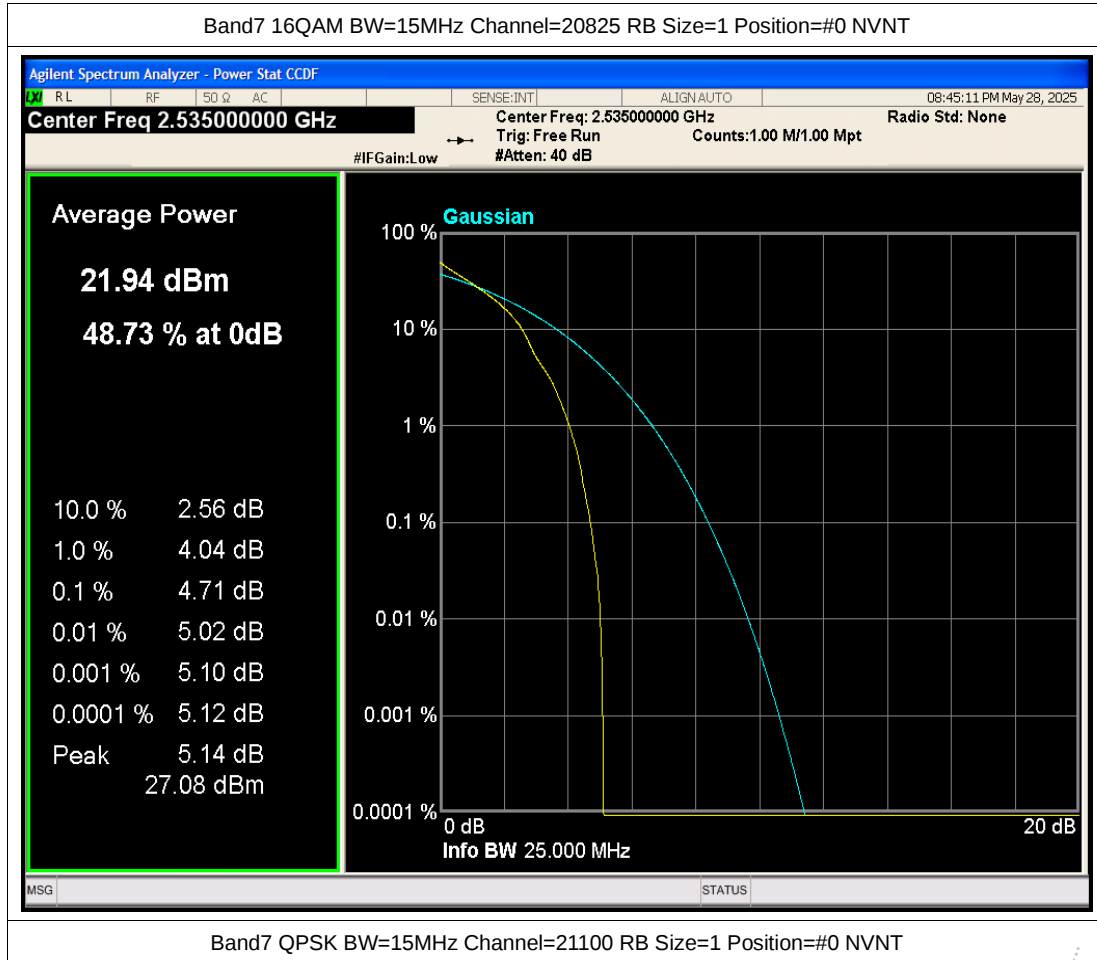


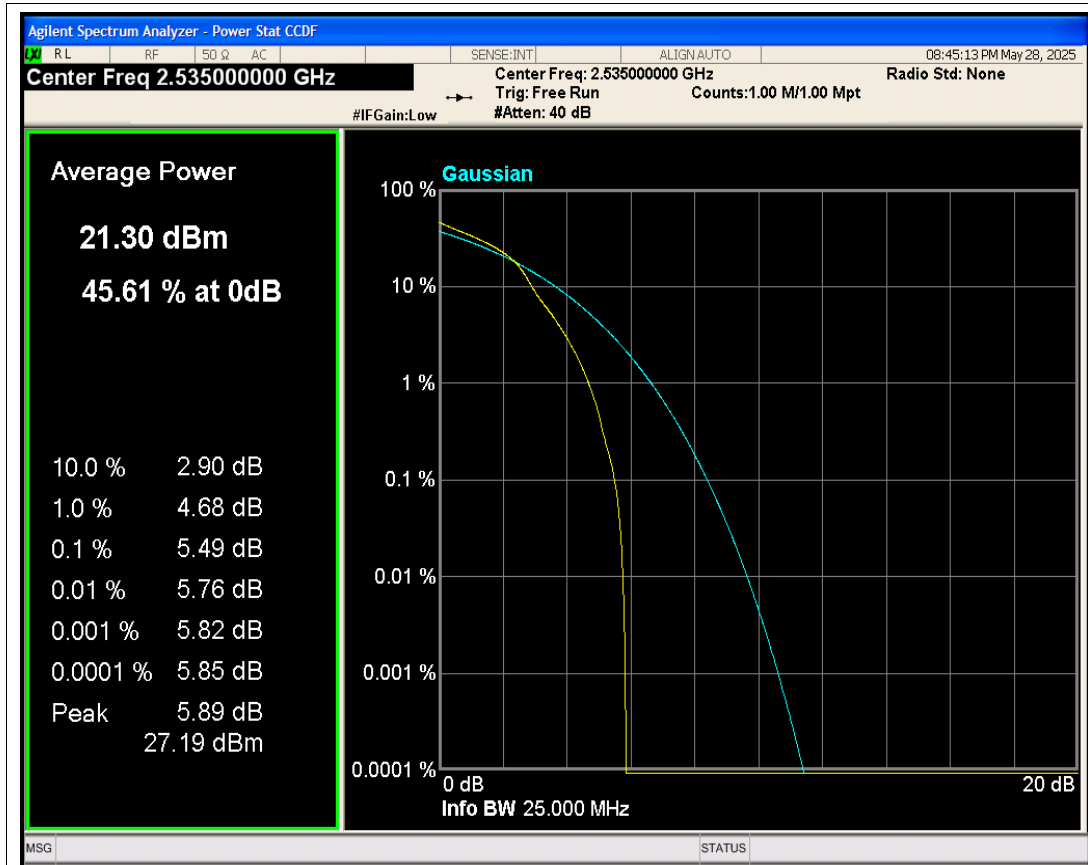




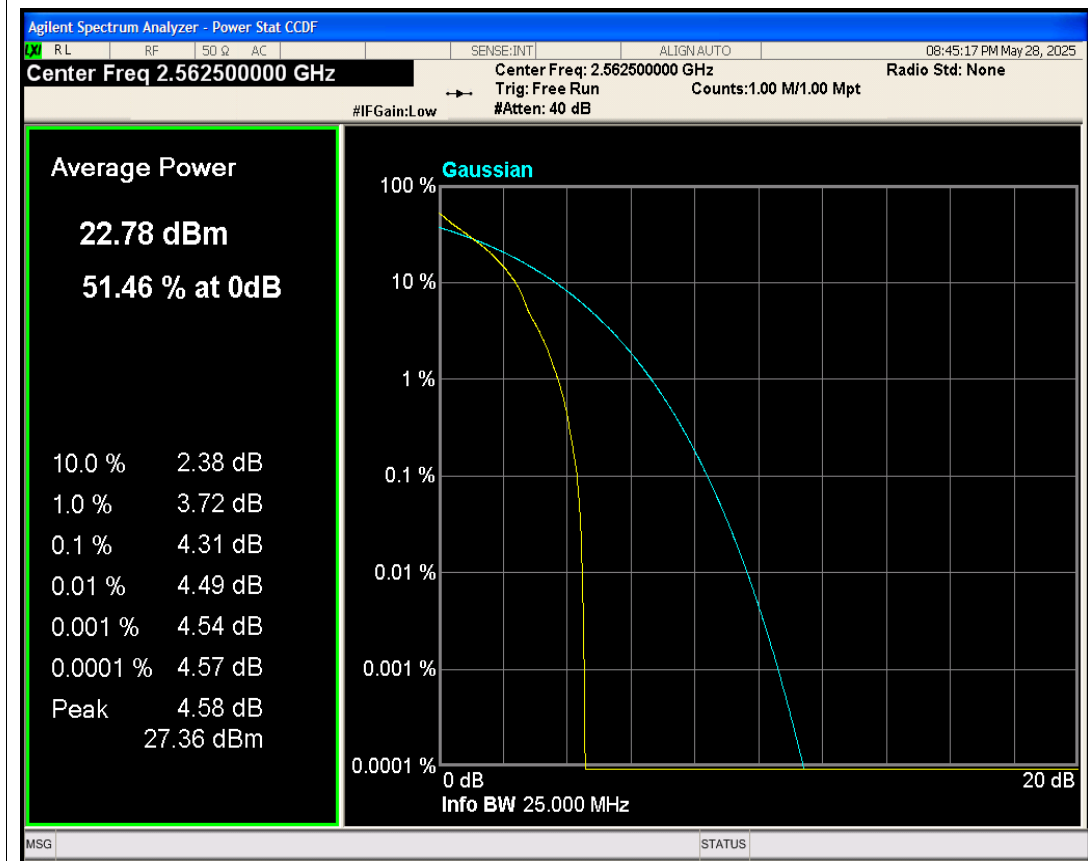
Band7 QPSK BW=15MHz Channel=20825 RB Size=1 Position=#0 NVNT

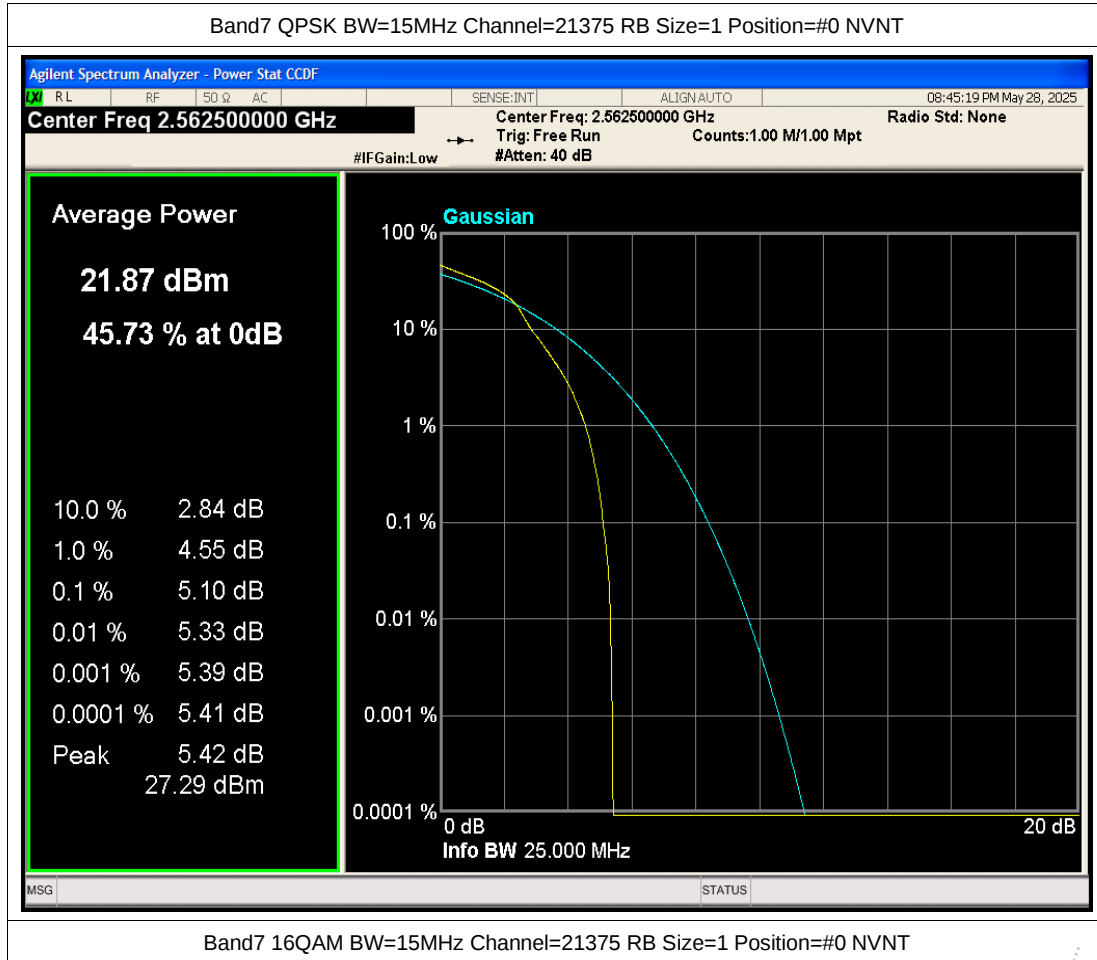


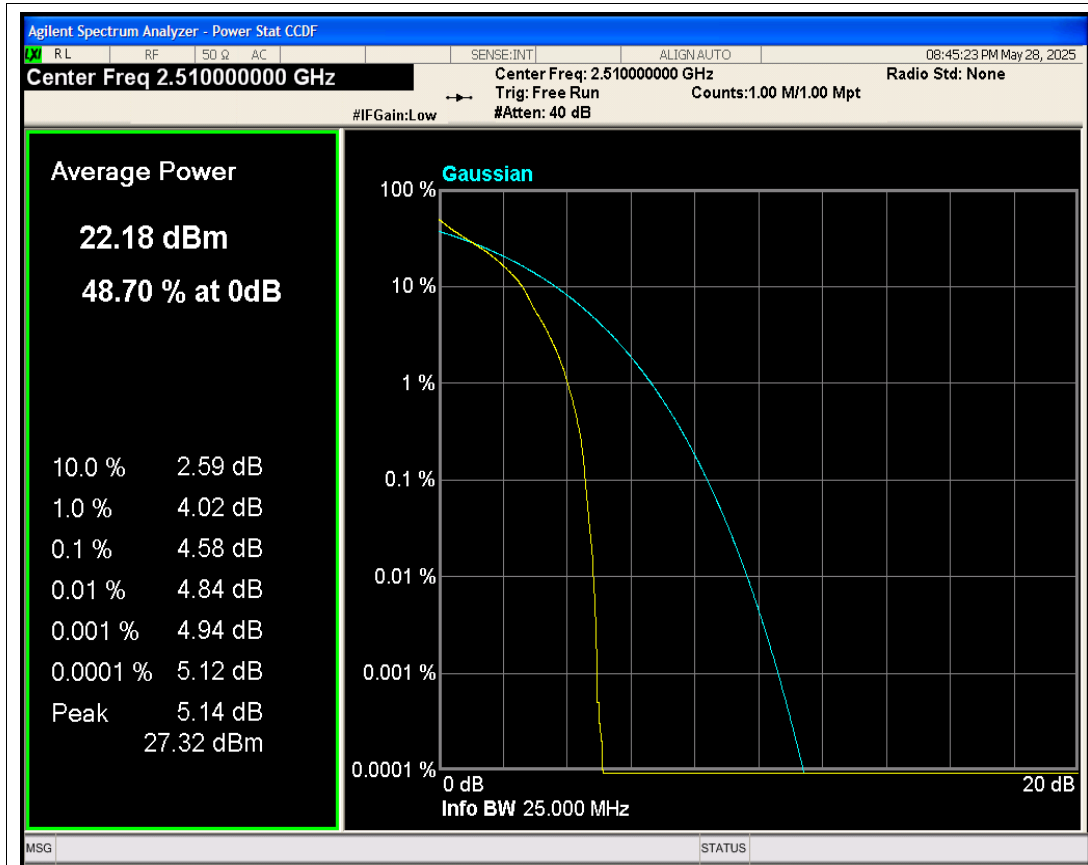




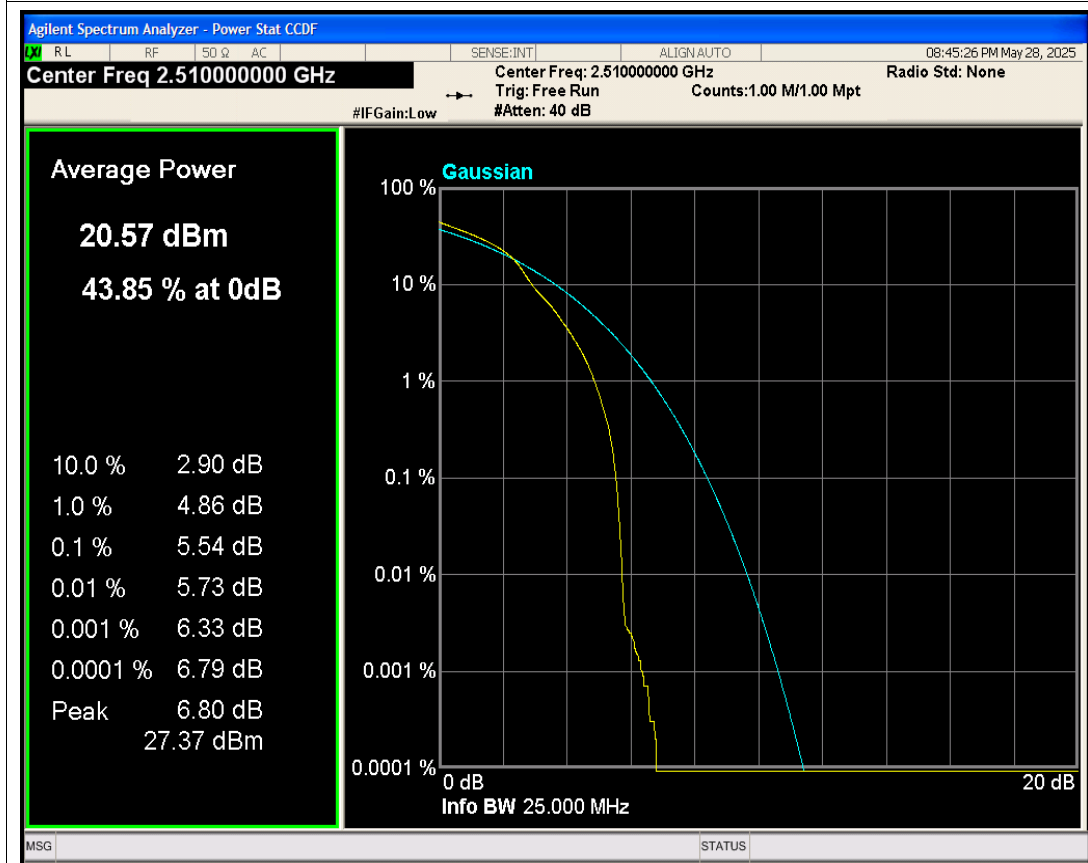
Band7 16QAM BW=15MHz Channel=21100 RB Size=1 Position=#0 NVNT

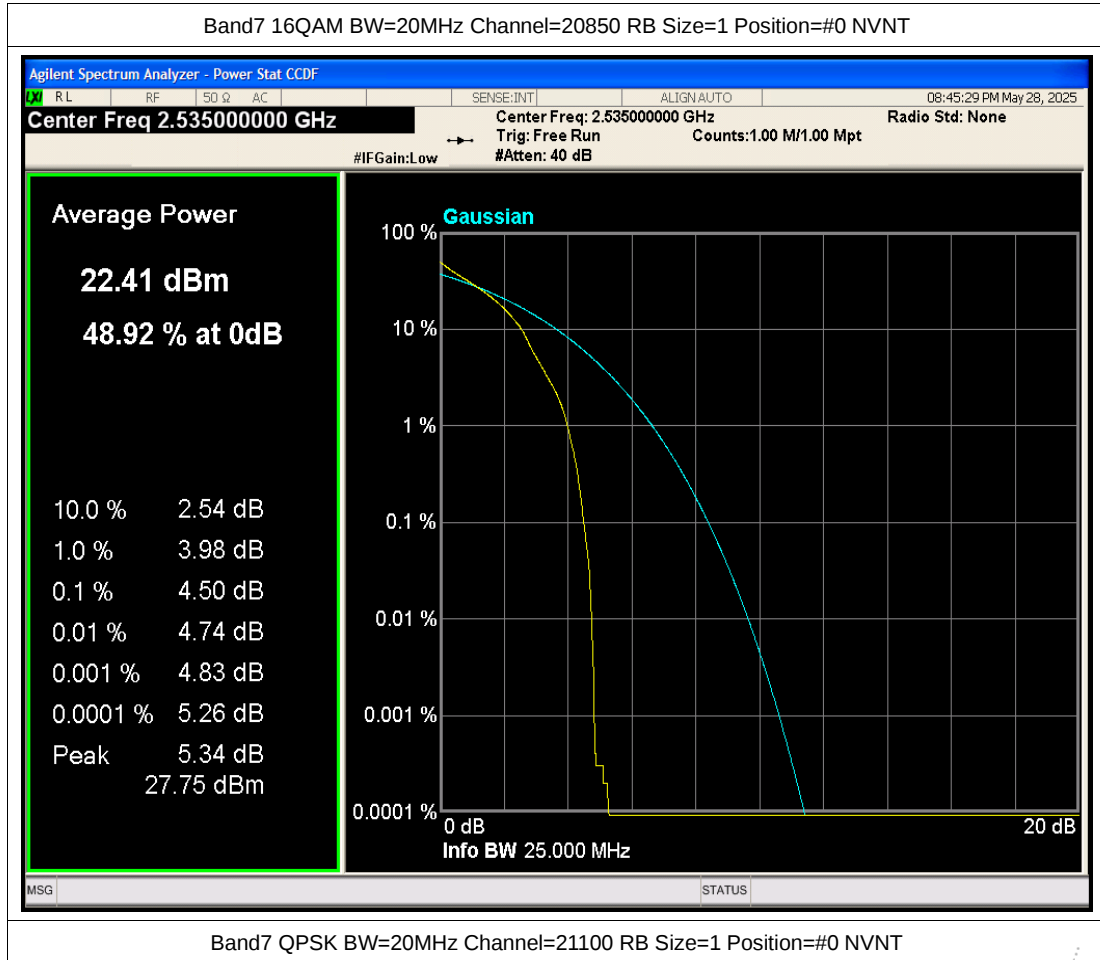






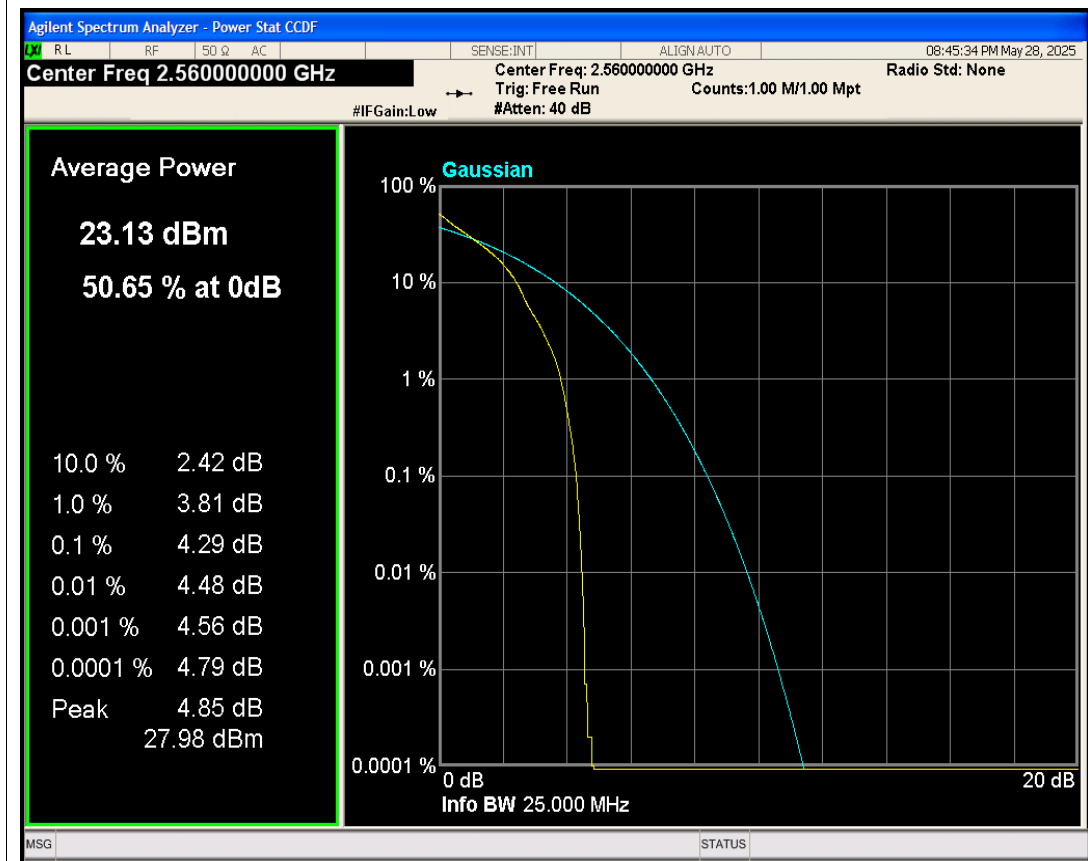
Band7 QPSK BW=20MHz Channel=20850 RB Size=1 Position=#0 NVNT

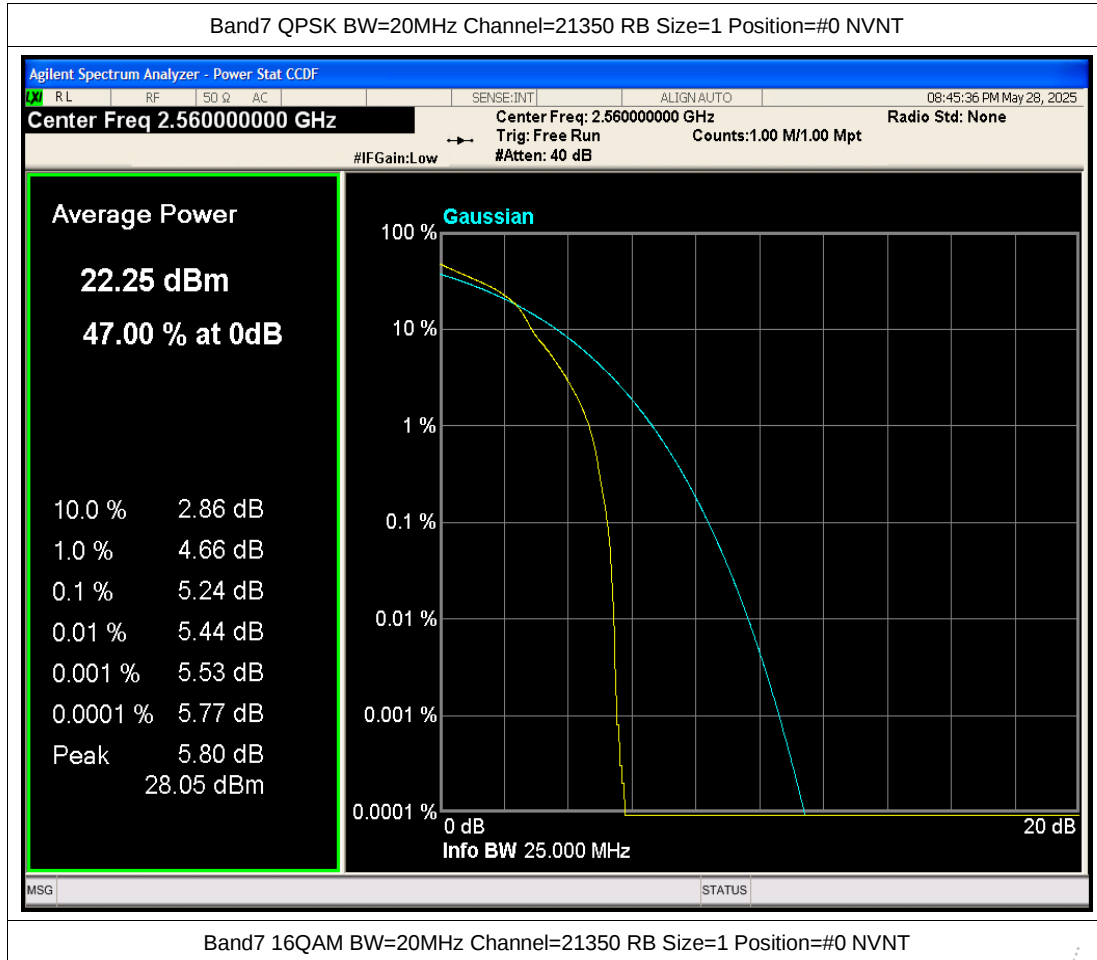






Band7 16QAM BW=20MHz Channel=21100 RB Size=1 Position=#0 NVNT





Appendix 4.Occupied bandwidth

Condition	Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
NVNT	Band7	5	20775	25	#0	QPSK	4.541	5.155	PASS
NVNT	Band7	5	20775	25	#0	16QAM	4.513	5.142	PASS
NVNT	Band7	5	21100	25	#0	QPSK	4.534	5.126	PASS
NVNT	Band7	5	21100	25	#0	16QAM	4.542	5.357	PASS
NVNT	Band7	5	21425	25	#0	QPSK	4.526	5.485	PASS
NVNT	Band7	5	21425	25	#0	16QAM	4.527	4.986	PASS
NVNT	Band7	10	20800	50	#0	QPSK	8.961	9.871	PASS
NVNT	Band7	10	20800	50	#0	16QAM	8.967	9.921	PASS
NVNT	Band7	10	21100	50	#0	QPSK	9.007	9.895	PASS
NVNT	Band7	10	21100	50	#0	16QAM	9.014	9.996	PASS
NVNT	Band7	10	21400	50	#0	QPSK	9.007	9.989	PASS
NVNT	Band7	10	21400	50	#0	16QAM	9.018	10.007	PASS
NVNT	Band7	15	20825	75	#0	QPSK	13.523	15.211	PASS
NVNT	Band7	15	20825	75	#0	16QAM	13.464	14.895	PASS
NVNT	Band7	15	21100	75	#0	QPSK	13.472	14.874	PASS