

# Appendix for Band 5

**FCC ID: 2BPV3-SW100**

Report No.: BCTC2505938821-5E

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Applicant: BEDIGITAL S.A.S.

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Product Name: Smart Watch

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Test Model: SW100

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

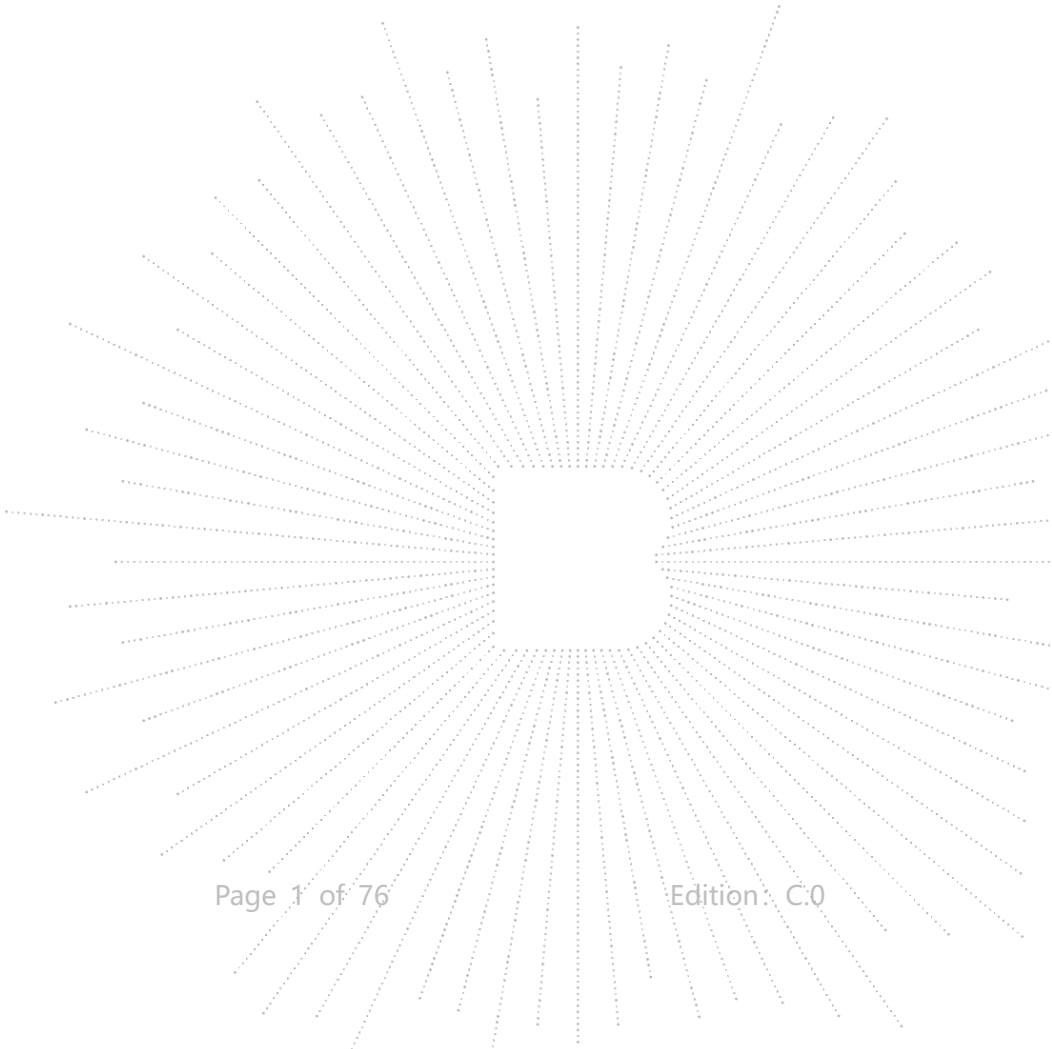
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**Shenzhen BCTC Testing Co., Ltd.**

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## Appendix 1. Conducted output power

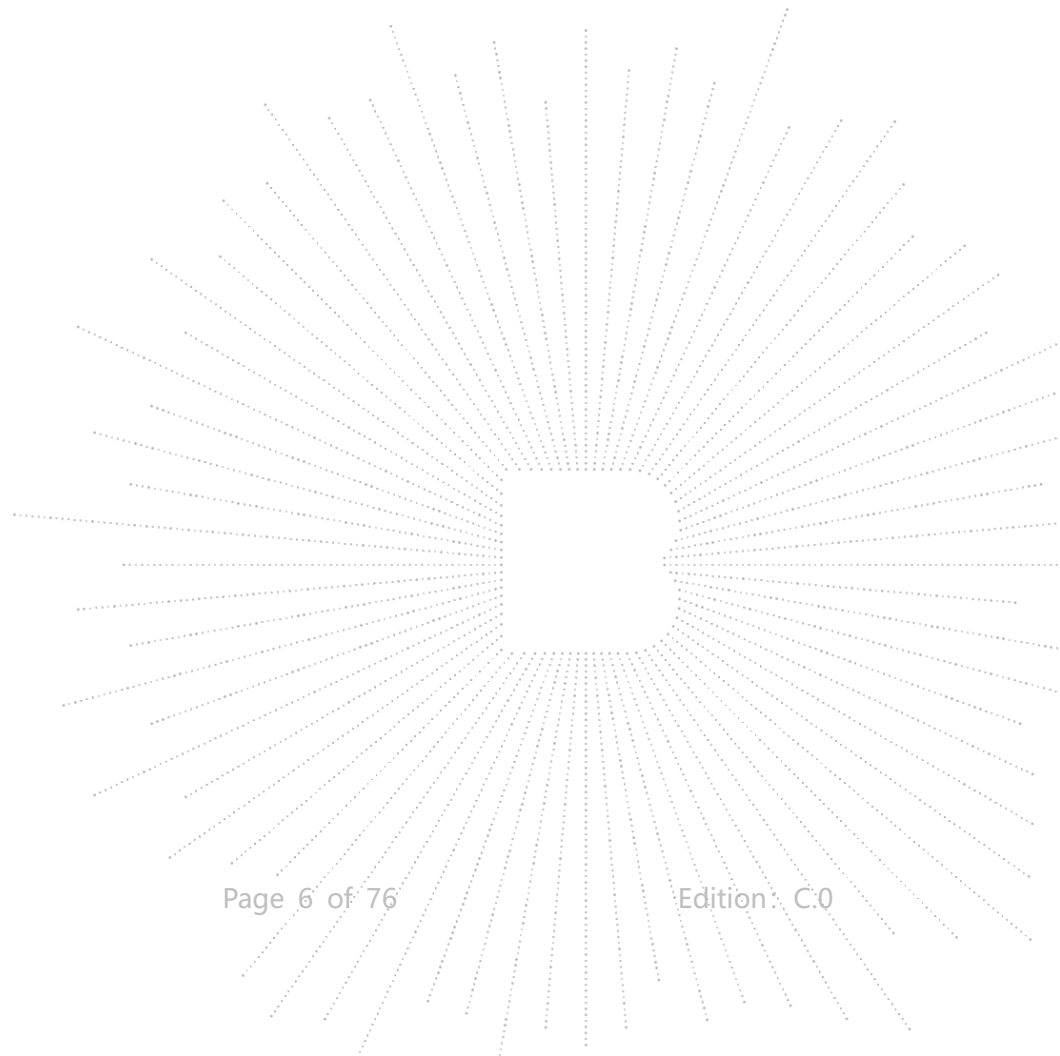
Condition	Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Gain (dBm)	ERP (dBm)	Verdict
NVNT	Band5	1.4	20407	1	#0	QPSK	23.23	-7.46	13.62	PASS
NVNT	Band5	1.4	20407	1	#Mid	QPSK	23.20	-7.46	13.59	PASS
NVNT	Band5	1.4	20407	1	#Max	QPSK	23.21	-7.46	13.60	PASS
NVNT	Band5	1.4	20407	3	#0	QPSK	22.92	-7.46	13.31	PASS
NVNT	Band5	1.4	20407	3	#Mid	QPSK	23.15	-7.46	13.54	PASS
NVNT	Band5	1.4	20407	3	#Max	QPSK	23.00	-7.46	13.39	PASS
NVNT	Band5	1.4	20407	6	#0	QPSK	21.83	-7.46	12.22	PASS
NVNT	Band5	1.4	20407	1	#0	16QAM	22.95	-7.46	13.34	PASS
NVNT	Band5	1.4	20407	1	#Mid	16QAM	22.97	-7.46	13.36	PASS
NVNT	Band5	1.4	20407	1	#Max	16QAM	22.99	-7.46	13.38	PASS
NVNT	Band5	1.4	20407	3	#0	16QAM	22.13	-7.46	12.52	PASS
NVNT	Band5	1.4	20407	3	#Mid	16QAM	22.18	-7.46	12.57	PASS
NVNT	Band5	1.4	20407	3	#Max	16QAM	22.13	-7.46	12.52	PASS
NVNT	Band5	1.4	20407	6	#0	16QAM	20.91	-7.46	11.30	PASS
NVNT	Band5	1.4	20525	1	#0	QPSK	23.10	-7.46	13.49	PASS
NVNT	Band5	1.4	20525	1	#Mid	QPSK	23.24	-7.46	13.63	PASS
NVNT	Band5	1.4	20525	1	#Max	QPSK	23.16	-7.46	13.55	PASS
NVNT	Band5	1.4	20525	3	#0	QPSK	23.39	-7.46	13.78	PASS
NVNT	Band5	1.4	20525	3	#Mid	QPSK	23.39	-7.46	13.78	PASS
NVNT	Band5	1.4	20525	3	#Max	QPSK	23.30	-7.46	13.69	PASS
NVNT	Band5	1.4	20525	6	#0	QPSK	22.32	-7.46	12.71	PASS
NVNT	Band5	1.4	20525	1	#0	16QAM	22.80	-7.46	13.19	PASS
NVNT	Band5	1.4	20525	1	#Mid	16QAM	22.94	-7.46	13.33	PASS
NVNT	Band5	1.4	20525	1	#Max	16QAM	22.94	-7.46	13.33	PASS
NVNT	Band5	1.4	20525	3	#0	16QAM	22.39	-7.46	12.78	PASS
NVNT	Band5	1.4	20525	3	#Mid	16QAM	22.35	-7.46	12.74	PASS
NVNT	Band5	1.4	20525	3	#Max	16QAM	22.46	-7.46	12.85	PASS
NVNT	Band5	1.4	20525	6	#0	16QAM	21.22	-7.46	11.61	PASS
NVNT	Band5	1.4	20643	1	#0	QPSK	23.63	-7.46	14.02	PASS
NVNT	Band5	1.4	20643	1	#Mid	QPSK	23.63	-7.46	14.02	PASS
NVNT	Band5	1.4	20643	1	#Max	QPSK	23.67	-7.46	14.06	PASS
NVNT	Band5	1.4	20643	3	#0	QPSK	23.50	-7.46	13.89	PASS
NVNT	Band5	1.4	20643	3	#Mid	QPSK	23.42	-7.46	13.81	PASS
NVNT	Band5	1.4	20643	3	#Max	QPSK	23.49	-7.46	13.88	PASS
NVNT	Band5	1.4	20643	6	#0	QPSK	22.39	-7.46	12.78	PASS
NVNT	Band5	1.4	20643	1	#0	16QAM	23.22	-7.46	13.61	PASS
NVNT	Band5	1.4	20643	1	#Mid	16QAM	23.26	-7.46	13.65	PASS

NVNT	Band5	1.4	20643	1	#Max	16QAM	23.18	-7.46	13.57	PASS
NVNT	Band5	1.4	20643	3	#0	16QAM	22.85	-7.46	13.24	PASS
NVNT	Band5	1.4	20643	3	#Mid	16QAM	22.87	-7.46	13.26	PASS
NVNT	Band5	1.4	20643	3	#Max	16QAM	22.81	-7.46	13.20	PASS
NVNT	Band5	1.4	20643	6	#0	16QAM	21.63	-7.46	12.02	PASS
NVNT	Band5	3	20415	1	#0	QPSK	23.03	-7.46	13.42	PASS
NVNT	Band5	3	20415	1	#Mid	QPSK	22.92	-7.46	13.31	PASS
NVNT	Band5	3	20415	1	#Max	QPSK	22.98	-7.46	13.37	PASS
NVNT	Band5	3	20415	8	#0	QPSK	21.97	-7.46	12.36	PASS
NVNT	Band5	3	20415	8	#Mid	QPSK	21.90	-7.46	12.29	PASS
NVNT	Band5	3	20415	8	#Max	QPSK	21.92	-7.46	12.31	PASS
NVNT	Band5	3	20415	15	#0	QPSK	21.94	-7.46	12.33	PASS
NVNT	Band5	3	20415	1	#0	16QAM	22.94	-7.46	13.33	PASS
NVNT	Band5	3	20415	1	#Mid	16QAM	22.84	-7.46	13.23	PASS
NVNT	Band5	3	20415	1	#Max	16QAM	22.88	-7.46	13.27	PASS
NVNT	Band5	3	20415	8	#0	16QAM	20.66	-7.46	11.05	PASS
NVNT	Band5	3	20415	8	#Mid	16QAM	20.61	-7.46	11.00	PASS
NVNT	Band5	3	20415	8	#Max	16QAM	20.74	-7.46	11.13	PASS
NVNT	Band5	3	20415	15	#0	16QAM	20.83	-7.46	11.22	PASS
NVNT	Band5	3	20525	1	#0	QPSK	23.05	-7.46	13.44	PASS
NVNT	Band5	3	20525	1	#Mid	QPSK	23.21	-7.46	13.60	PASS
NVNT	Band5	3	20525	1	#Max	QPSK	23.16	-7.46	13.55	PASS
NVNT	Band5	3	20525	8	#0	QPSK	22.13	-7.46	12.52	PASS
NVNT	Band5	3	20525	8	#Mid	QPSK	22.35	-7.46	12.74	PASS
NVNT	Band5	3	20525	8	#Max	QPSK	22.22	-7.46	12.61	PASS
NVNT	Band5	3	20525	15	#0	QPSK	22.31	-7.46	12.70	PASS
NVNT	Band5	3	20525	1	#0	16QAM	22.73	-7.46	13.12	PASS
NVNT	Band5	3	20525	1	#Mid	16QAM	22.82	-7.46	13.21	PASS
NVNT	Band5	3	20525	1	#Max	16QAM	22.87	-7.46	13.26	PASS
NVNT	Band5	3	20525	8	#0	16QAM	21.43	-7.46	11.82	PASS
NVNT	Band5	3	20525	8	#Mid	16QAM	21.42	-7.46	11.81	PASS
NVNT	Band5	3	20525	8	#Max	16QAM	21.45	-7.46	11.84	PASS
NVNT	Band5	3	20525	15	#0	16QAM	21.28	-7.46	11.67	PASS
NVNT	Band5	3	20635	1	#0	QPSK	23.71	-7.46	14.10	PASS
NVNT	Band5	3	20635	1	#Mid	QPSK	23.66	-7.46	14.05	PASS
NVNT	Band5	3	20635	1	#Max	QPSK	23.57	-7.46	13.96	PASS
NVNT	Band5	3	20635	8	#0	QPSK	22.43	-7.46	12.82	PASS
NVNT	Band5	3	20635	8	#Mid	QPSK	22.41	-7.46	12.80	PASS
NVNT	Band5	3	20635	8	#Max	QPSK	22.45	-7.46	12.84	PASS
NVNT	Band5	3	20635	15	#0	QPSK	22.37	-7.46	12.76	PASS
NVNT	Band5	3	20635	1	#0	16QAM	23.25	-7.46	13.64	PASS
NVNT	Band5	3	20635	1	#Mid	16QAM	23.27	-7.46	13.66	PASS

NVNT	Band5	3	20635	1	#Max	16QAM	23.16	-7.46	13.55	PASS
NVNT	Band5	3	20635	8	#0	16QAM	21.45	-7.46	11.84	PASS
NVNT	Band5	3	20635	8	#Mid	16QAM	21.45	-7.46	11.84	PASS
NVNT	Band5	3	20635	8	#Max	16QAM	21.39	-7.46	11.78	PASS
NVNT	Band5	3	20635	15	#0	16QAM	21.57	-7.46	11.96	PASS
NVNT	Band5	5	20425	1	#0	QPSK	22.82	-7.46	13.21	PASS
NVNT	Band5	5	20425	1	#Mid	QPSK	22.75	-7.46	13.14	PASS
NVNT	Band5	5	20425	1	#Max	QPSK	22.76	-7.46	13.15	PASS
NVNT	Band5	5	20425	12	#0	QPSK	21.95	-7.46	12.34	PASS
NVNT	Band5	5	20425	12	#Mid	QPSK	21.83	-7.46	12.22	PASS
NVNT	Band5	5	20425	12	#Max	QPSK	21.93	-7.46	12.32	PASS
NVNT	Band5	5	20425	25	#0	QPSK	21.95	-7.46	12.34	PASS
NVNT	Band5	5	20425	1	#0	16QAM	22.09	-7.46	12.48	PASS
NVNT	Band5	5	20425	1	#Mid	16QAM	22.12	-7.46	12.51	PASS
NVNT	Band5	5	20425	1	#Max	16QAM	22.07	-7.46	12.46	PASS
NVNT	Band5	5	20425	12	#0	16QAM	20.80	-7.46	11.19	PASS
NVNT	Band5	5	20425	12	#Mid	16QAM	20.77	-7.46	11.16	PASS
NVNT	Band5	5	20425	12	#Max	16QAM	20.83	-7.46	11.22	PASS
NVNT	Band5	5	20425	25	#0	16QAM	20.85	-7.46	11.24	PASS
NVNT	Band5	5	20525	1	#0	QPSK	23.17	-7.46	13.56	PASS
NVNT	Band5	5	20525	1	#Mid	QPSK	23.29	-7.46	13.68	PASS
NVNT	Band5	5	20525	1	#Max	QPSK	23.41	-7.46	13.80	PASS
NVNT	Band5	5	20525	12	#0	QPSK	22.06	-7.46	12.45	PASS
NVNT	Band5	5	20525	12	#Mid	QPSK	22.20	-7.46	12.59	PASS
NVNT	Band5	5	20525	12	#Max	QPSK	22.26	-7.46	12.65	PASS
NVNT	Band5	5	20525	25	#0	QPSK	22.22	-7.46	12.61	PASS
NVNT	Band5	5	20525	1	#0	16QAM	21.83	-7.46	12.22	PASS
NVNT	Band5	5	20525	1	#Mid	16QAM	21.96	-7.46	12.35	PASS
NVNT	Band5	5	20525	1	#Max	16QAM	22.04	-7.46	12.43	PASS
NVNT	Band5	5	20525	12	#0	16QAM	21.05	-7.46	11.44	PASS
NVNT	Band5	5	20525	12	#Mid	16QAM	21.10	-7.46	11.49	PASS
NVNT	Band5	5	20525	12	#Max	16QAM	21.12	-7.46	11.51	PASS
NVNT	Band5	5	20525	25	#0	16QAM	21.29	-7.46	11.68	PASS
NVNT	Band5	5	20625	1	#0	QPSK	23.48	-7.46	13.87	PASS
NVNT	Band5	5	20625	1	#Mid	QPSK	23.43	-7.46	13.82	PASS
NVNT	Band5	5	20625	1	#Max	QPSK	23.31	-7.46	13.70	PASS
NVNT	Band5	5	20625	12	#0	QPSK	22.46	-7.46	12.85	PASS
NVNT	Band5	5	20625	12	#Mid	QPSK	22.48	-7.46	12.87	PASS
NVNT	Band5	5	20625	12	#Max	QPSK	22.47	-7.46	12.86	PASS
NVNT	Band5	5	20625	25	#0	QPSK	22.52	-7.46	12.91	PASS
NVNT	Band5	5	20625	1	#0	16QAM	22.51	-7.46	12.90	PASS
NVNT	Band5	5	20625	1	#Mid	16QAM	22.46	-7.46	12.85	PASS

NVNT	Band5	5	20625	1	#Max	16QAM	22.45	-7.46	12.84	PASS
NVNT	Band5	5	20625	12	#0	16QAM	21.45	-7.46	11.84	PASS
NVNT	Band5	5	20625	12	#Mid	16QAM	21.47	-7.46	11.86	PASS
NVNT	Band5	5	20625	12	#Max	16QAM	21.33	-7.46	11.72	PASS
NVNT	Band5	5	20625	25	#0	16QAM	21.40	-7.46	11.79	PASS
NVNT	Band5	10	20450	1	#0	QPSK	22.90	-7.46	13.29	PASS
NVNT	Band5	10	20450	1	#Mid	QPSK	22.91	-7.46	13.30	PASS
NVNT	Band5	10	20450	1	#Max	QPSK	23.03	-7.46	13.42	PASS
NVNT	Band5	10	20450	25	#0	QPSK	21.88	-7.46	12.27	PASS
NVNT	Band5	10	20450	25	#Mid	QPSK	21.96	-7.46	12.35	PASS
NVNT	Band5	10	20450	25	#Max	QPSK	22.04	-7.46	12.43	PASS
NVNT	Band5	10	20450	50	#0	QPSK	22.02	-7.46	12.41	PASS
NVNT	Band5	10	20450	1	#0	16QAM	22.90	-7.46	13.29	PASS
NVNT	Band5	10	20450	1	#Mid	16QAM	22.96	-7.46	13.35	PASS
NVNT	Band5	10	20450	1	#Max	16QAM	23.24	-7.46	13.63	PASS
NVNT	Band5	10	20450	25	#0	16QAM	20.81	-7.46	11.20	PASS
NVNT	Band5	10	20450	25	#Mid	16QAM	20.57	-7.46	10.96	PASS
NVNT	Band5	10	20450	25	#Max	16QAM	20.88	-7.46	11.27	PASS
NVNT	Band5	10	20450	50	#0	16QAM	20.66	-7.46	11.05	PASS
NVNT	Band5	10	20525	1	#0	QPSK	23.06	-7.46	13.45	PASS
NVNT	Band5	10	20525	1	#Mid	QPSK	23.37	-7.46	13.76	PASS
NVNT	Band5	10	20525	1	#Max	QPSK	23.49	-7.46	13.88	PASS
NVNT	Band5	10	20525	25	#0	QPSK	22.05	-7.46	12.44	PASS
NVNT	Band5	10	20525	25	#Mid	QPSK	22.23	-7.46	12.62	PASS
NVNT	Band5	10	20525	25	#Max	QPSK	22.47	-7.46	12.86	PASS
NVNT	Band5	10	20525	50	#0	QPSK	22.19	-7.46	12.58	PASS
NVNT	Band5	10	20525	1	#0	16QAM	22.07	-7.46	12.46	PASS
NVNT	Band5	10	20525	1	#Mid	16QAM	22.35	-7.46	12.74	PASS
NVNT	Band5	10	20525	1	#Max	16QAM	22.49	-7.46	12.88	PASS
NVNT	Band5	10	20525	25	#0	16QAM	21.21	-7.46	11.60	PASS
NVNT	Band5	10	20525	25	#Mid	16QAM	21.17	-7.46	11.56	PASS
NVNT	Band5	10	20525	25	#Max	16QAM	21.16	-7.46	11.55	PASS
NVNT	Band5	10	20525	50	#0	16QAM	21.30	-7.46	11.69	PASS
NVNT	Band5	10	20600	1	#0	QPSK	23.38	-7.46	13.77	PASS
NVNT	Band5	10	20600	1	#Mid	QPSK	23.54	-7.46	13.93	PASS
NVNT	Band5	10	20600	1	#Max	QPSK	23.40	-7.46	13.79	PASS
NVNT	Band5	10	20600	25	#0	QPSK	22.35	-7.46	12.74	PASS
NVNT	Band5	10	20600	25	#Mid	QPSK	22.40	-7.46	12.79	PASS
NVNT	Band5	10	20600	25	#Max	QPSK	22.49	-7.46	12.88	PASS
NVNT	Band5	10	20600	50	#0	QPSK	22.42	-7.46	12.81	PASS
NVNT	Band5	10	20600	1	#0	16QAM	22.35	-7.46	12.74	PASS
NVNT	Band5	10	20600	1	#Mid	16QAM	22.52	-7.46	12.91	PASS

NVNT	Band5	10	20600	1	#Max	16QAM	22.46	-7.46	12.85	PASS
NVNT	Band5	10	20600	25	#0	16QAM	21.43	-7.46	11.82	PASS
NVNT	Band5	10	20600	25	#Mid	16QAM	21.29	-7.46	11.68	PASS
NVNT	Band5	10	20600	25	#Max	16QAM	21.44	-7.46	11.83	PASS
NVNT	Band5	10	20600	50	#0	16QAM	21.22	-7.46	11.61	PASS



## Appendix 2.Frequency stability

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Voltage (Vdc)	Temperatue (C)	Result (Hz)	Result (ppm)	Verdict
Band5	1.4	20407	6	#0	QPSK	LV	NT	-3.13	-0.004	PASS
Band5	1.4	20407	6	#0	QPSK	NV	NT	-15.23	-0.018	PASS
Band5	1.4	20407	6	#0	QPSK	HV	NT	-24.69	-0.030	PASS
Band5	1.4	20407	6	#0	16QAM	LV	NT	-28.32	-0.034	PASS
Band5	1.4	20407	6	#0	16QAM	NV	NT	-33.55	-0.041	PASS
Band5	1.4	20407	6	#0	16QAM	HV	NT	-35.49	-0.043	PASS
Band5	1.4	20525	6	#0	QPSK	LV	NT	4.62	0.006	PASS
Band5	1.4	20525	6	#0	QPSK	NV	NT	2.27	0.003	PASS
Band5	1.4	20525	6	#0	QPSK	HV	NT	2.10	0.003	PASS
Band5	1.4	20525	6	#0	16QAM	LV	NT	-0.26	0.000	PASS
Band5	1.4	20525	6	#0	16QAM	NV	NT	0.76	0.001	PASS
Band5	1.4	20525	6	#0	16QAM	HV	NT	2.85	0.003	PASS
Band5	1.4	20643	6	#0	QPSK	LV	NT	3.48	0.004	PASS
Band5	1.4	20643	6	#0	QPSK	NV	NT	1.73	0.002	PASS
Band5	1.4	20643	6	#0	QPSK	HV	NT	-0.54	-0.001	PASS
Band5	1.4	20643	6	#0	16QAM	LV	NT	-2.39	-0.003	PASS
Band5	1.4	20643	6	#0	16QAM	NV	NT	-2.98	-0.004	PASS
Band5	1.4	20643	6	#0	16QAM	HV	NT	-0.87	-0.001	PASS
Band5	3	20415	15	#0	QPSK	LV	NT	26.28	0.032	PASS
Band5	3	20415	15	#0	QPSK	NV	NT	18.05	0.022	PASS
Band5	3	20415	15	#0	QPSK	HV	NT	18.51	0.022	PASS
Band5	3	20415	15	#0	16QAM	LV	NT	12.55	0.015	PASS
Band5	3	20415	15	#0	16QAM	NV	NT	8.93	0.011	PASS
Band5	3	20415	15	#0	16QAM	HV	NT	9.16	0.011	PASS
Band5	3	20525	15	#0	QPSK	LV	NT	6.32	0.008	PASS
Band5	3	20525	15	#0	QPSK	NV	NT	3.13	0.004	PASS
Band5	3	20525	15	#0	QPSK	HV	NT	2.59	0.003	PASS
Band5	3	20525	15	#0	16QAM	LV	NT	0.20	0.000	PASS
Band5	3	20525	15	#0	16QAM	NV	NT	-1.09	-0.001	PASS
Band5	3	20525	15	#0	16QAM	HV	NT	0.93	0.001	PASS
Band5	3	20635	15	#0	QPSK	LV	NT	7.02	0.008	PASS
Band5	3	20635	15	#0	QPSK	NV	NT	5.41	0.006	PASS
Band5	3	20635	15	#0	QPSK	HV	NT	4.36	0.005	PASS
Band5	3	20635	15	#0	16QAM	LV	NT	2.90	0.003	PASS
Band5	3	20635	15	#0	16QAM	NV	NT	3.15	0.004	PASS
Band5	3	20635	15	#0	16QAM	HV	NT	4.69	0.006	PASS
Band5	5	20425	25	#0	QPSK	LV	NT	25.02	0.030	PASS
Band5	5	20425	25	#0	QPSK	NV	NT	12.86	0.016	PASS



Band5	5	20425	25	#0	QPSK	HV	NT	5.55	0.007	PASS
Band5	5	20425	25	#0	16QAM	LV	NT	4.84	0.006	PASS
Band5	5	20425	25	#0	16QAM	NV	NT	2.17	0.003	PASS
Band5	5	20425	25	#0	16QAM	HV	NT	1.20	0.001	PASS
Band5	5	20525	25	#0	QPSK	LV	NT	4.82	0.006	PASS
Band5	5	20525	25	#0	QPSK	NV	NT	1.95	0.002	PASS
Band5	5	20525	25	#0	QPSK	HV	NT	-0.50	-0.001	PASS
Band5	5	20525	25	#0	16QAM	LV	NT	-1.90	-0.002	PASS
Band5	5	20525	25	#0	16QAM	NV	NT	-1.02	-0.001	PASS
Band5	5	20525	25	#0	16QAM	HV	NT	-0.79	-0.001	PASS
Band5	5	20625	25	#0	QPSK	LV	NT	6.68	0.008	PASS
Band5	5	20625	25	#0	QPSK	NV	NT	5.48	0.006	PASS
Band5	5	20625	25	#0	QPSK	HV	NT	5.95	0.007	PASS
Band5	5	20625	25	#0	16QAM	LV	NT	1.95	0.002	PASS
Band5	5	20625	25	#0	16QAM	NV	NT	3.39	0.004	PASS
Band5	5	20625	25	#0	16QAM	HV	NT	4.33	0.005	PASS
Band5	10	20450	50	#0	QPSK	LV	NT	17.41	0.021	PASS
Band5	10	20450	50	#0	QPSK	NV	NT	9.41	0.011	PASS
Band5	10	20450	50	#0	QPSK	HV	NT	6.25	0.008	PASS
Band5	10	20450	50	#0	16QAM	LV	NT	1.07	0.001	PASS
Band5	10	20450	50	#0	16QAM	NV	NT	3.73	0.004	PASS
Band5	10	20450	50	#0	16QAM	HV	NT	4.05	0.005	PASS
Band5	10	20525	50	#0	QPSK	LV	NT	13.69	0.016	PASS
Band5	10	20525	50	#0	QPSK	NV	NT	12.33	0.015	PASS
Band5	10	20525	50	#0	QPSK	HV	NT	10.41	0.012	PASS
Band5	10	20525	50	#0	16QAM	LV	NT	10.49	0.013	PASS
Band5	10	20525	50	#0	16QAM	NV	NT	10.41	0.012	PASS
Band5	10	20525	50	#0	16QAM	HV	NT	11.64	0.014	PASS
Band5	10	20600	50	#0	QPSK	LV	NT	1.93	0.002	PASS
Band5	10	20600	50	#0	QPSK	NV	NT	-3.50	-0.004	PASS
Band5	10	20600	50	#0	QPSK	HV	NT	-5.62	-0.007	PASS
Band5	10	20600	50	#0	16QAM	LV	NT	-3.86	-0.005	PASS
Band5	10	20600	50	#0	16QAM	NV	NT	1.52	0.002	PASS
Band5	10	20600	50	#0	16QAM	HV	NT	3.29	0.004	PASS

<b>Band</b>	<b>Bandwidth (MHz)</b>	<b>UL Channel</b>	<b>RB Size</b>	<b>RB Position</b>	<b>Modulation</b>	<b>Voltage (Vdc)</b>	<b>Temperature (C)</b>	<b>Result (Hz)</b>	<b>Result (ppm)</b>	<b>Verdict</b>
Band5	1.4	20407	6	#0	QPSK	NV	-30	-40.21	-0.049	PASS
Band5	1.4	20407	6	#0	QPSK	NV	-20	-36.29	-0.044	PASS
Band5	1.4	20407	6	#0	QPSK	NV	0	-14.85	-0.018	PASS
Band5	1.4	20407	6	#0	QPSK	NV	10	-38.62	-0.047	PASS
Band5	1.4	20407	6	#0	QPSK	NV	20	-30.57	-0.037	PASS

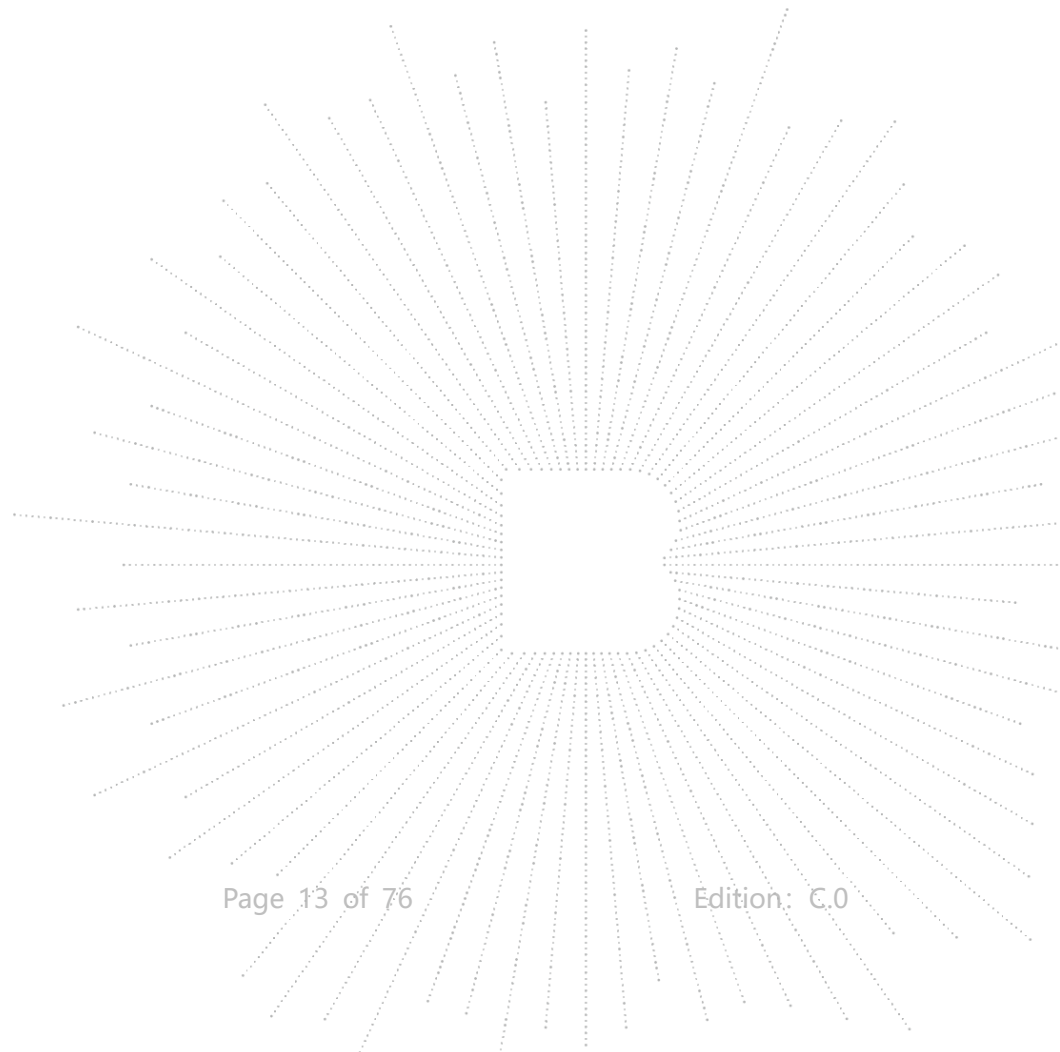
Band5	1.4	20407	6	#0	QPSK	NV	30	-2.55	-0.003	PASS
Band5	1.4	20407	6	#0	QPSK	NV	40	-15.54	-0.019	PASS
Band5	1.4	20407	6	#0	QPSK	NV	50	-24.79	-0.030	PASS
Band5	1.4	20407	6	#0	16QAM	NV	-30	-29.55	-0.036	PASS
Band5	1.4	20407	6	#0	16QAM	NV	-20	-36.09	-0.044	PASS
Band5	1.4	20407	6	#0	16QAM	NV	0	-44.55	-0.054	PASS
Band5	1.4	20407	6	#0	16QAM	NV	10	-17.35	-0.021	PASS
Band5	1.4	20407	6	#0	16QAM	NV	20	-35.18	-0.043	PASS
Band5	1.4	20407	6	#0	16QAM	NV	30	-11.73	-0.014	PASS
Band5	1.4	20407	6	#0	16QAM	NV	40	-33.23	-0.040	PASS
Band5	1.4	20407	6	#0	16QAM	NV	50	-12.49	-0.015	PASS
Band5	1.4	20525	6	#0	QPSK	NV	-30	-37.16	-0.044	PASS
Band5	1.4	20525	6	#0	QPSK	NV	-20	-16.84	-0.020	PASS
Band5	1.4	20525	6	#0	QPSK	NV	0	-33.86	-0.040	PASS
Band5	1.4	20525	6	#0	QPSK	NV	10	-43.77	-0.052	PASS
Band5	1.4	20525	6	#0	QPSK	NV	20	-3.36	-0.004	PASS
Band5	1.4	20525	6	#0	QPSK	NV	30	1.40	0.002	PASS
Band5	1.4	20525	6	#0	QPSK	NV	40	10.76	0.013	PASS
Band5	1.4	20525	6	#0	QPSK	NV	50	24.35	0.029	PASS
Band5	1.4	20525	6	#0	16QAM	NV	-30	40.08	0.048	PASS
Band5	1.4	20525	6	#0	16QAM	NV	-20	10.27	0.012	PASS
Band5	1.4	20525	6	#0	16QAM	NV	0	16.75	0.020	PASS
Band5	1.4	20525	6	#0	16QAM	NV	10	17.27	0.021	PASS
Band5	1.4	20525	6	#0	16QAM	NV	20	14.28	0.017	PASS
Band5	1.4	20525	6	#0	16QAM	NV	30	3.43	0.004	PASS
Band5	1.4	20525	6	#0	16QAM	NV	40	-14.99	-0.018	PASS
Band5	1.4	20525	6	#0	16QAM	NV	50	-30.87	-0.037	PASS
Band5	1.4	20643	6	#0	QPSK	NV	-30	-32.89	-0.039	PASS
Band5	1.4	20643	6	#0	QPSK	NV	-20	0.89	0.001	PASS
Band5	1.4	20643	6	#0	QPSK	NV	0	-3.98	-0.005	PASS
Band5	1.4	20643	6	#0	QPSK	NV	10	5.35	0.006	PASS
Band5	1.4	20643	6	#0	QPSK	NV	20	22.63	0.027	PASS
Band5	1.4	20643	6	#0	QPSK	NV	30	46.19	0.054	PASS
Band5	1.4	20643	6	#0	QPSK	NV	40	13.48	0.016	PASS
Band5	1.4	20643	6	#0	QPSK	NV	50	30.83	0.036	PASS
Band5	1.4	20643	6	#0	16QAM	NV	-30	8.04	0.009	PASS
Band5	1.4	20643	6	#0	16QAM	NV	-20	31.11	0.037	PASS
Band5	1.4	20643	6	#0	16QAM	NV	0	47.99	0.057	PASS
Band5	1.4	20643	6	#0	16QAM	NV	10	18.30	0.022	PASS
Band5	1.4	20643	6	#0	16QAM	NV	20	33.04	0.039	PASS
Band5	1.4	20643	6	#0	16QAM	NV	30	41.37	0.049	PASS
Band5	1.4	20643	6	#0	16QAM	NV	40	42.61	0.050	PASS

Band5	1.4	20643	6	#0	16QAM	NV	50	40.64	0.048	PASS
Band5	3	20415	15	#0	QPSK	NV	-30	-26.36	-0.032	PASS
Band5	3	20415	15	#0	QPSK	NV	-20	-31.10	-0.038	PASS
Band5	3	20415	15	#0	QPSK	NV	0	-8.85	-0.011	PASS
Band5	3	20415	15	#0	QPSK	NV	10	-18.20	-0.022	PASS
Band5	3	20415	15	#0	QPSK	NV	20	-21.04	-0.025	PASS
Band5	3	20415	15	#0	QPSK	NV	30	-25.59	-0.031	PASS
Band5	3	20415	15	#0	QPSK	NV	40	-38.72	-0.047	PASS
Band5	3	20415	15	#0	QPSK	NV	50	-41.69	-0.051	PASS
Band5	3	20415	15	#0	16QAM	NV	-30	-39.75	-0.048	PASS
Band5	3	20415	15	#0	16QAM	NV	-20	-36.52	-0.044	PASS
Band5	3	20415	15	#0	16QAM	NV	0	-34.38	-0.042	PASS
Band5	3	20415	15	#0	16QAM	NV	10	-35.36	-0.043	PASS
Band5	3	20415	15	#0	16QAM	NV	20	-37.55	-0.045	PASS
Band5	3	20415	15	#0	16QAM	NV	30	-38.11	-0.046	PASS
Band5	3	20415	15	#0	16QAM	NV	40	-39.77	-0.048	PASS
Band5	3	20415	15	#0	16QAM	NV	50	-43.04	-0.052	PASS
Band5	3	20525	15	#0	QPSK	NV	-30	-5.61	-0.007	PASS
Band5	3	20525	15	#0	QPSK	NV	-20	-15.89	-0.019	PASS
Band5	3	20525	15	#0	QPSK	NV	0	-21.89	-0.026	PASS
Band5	3	20525	15	#0	QPSK	NV	10	-14.42	-0.017	PASS
Band5	3	20525	15	#0	QPSK	NV	20	-4.19	-0.005	PASS
Band5	3	20525	15	#0	QPSK	NV	30	5.41	0.006	PASS
Band5	3	20525	15	#0	QPSK	NV	40	16.05	0.019	PASS
Band5	3	20525	15	#0	QPSK	NV	50	28.91	0.035	PASS
Band5	3	20525	15	#0	16QAM	NV	-30	41.64	0.050	PASS
Band5	3	20525	15	#0	16QAM	NV	-20	3.45	0.004	PASS
Band5	3	20525	15	#0	16QAM	NV	0	10.50	0.013	PASS
Band5	3	20525	15	#0	16QAM	NV	10	11.84	0.014	PASS
Band5	3	20525	15	#0	16QAM	NV	20	10.20	0.012	PASS
Band5	3	20525	15	#0	16QAM	NV	30	4.06	0.005	PASS
Band5	3	20525	15	#0	16QAM	NV	40	-2.06	-0.002	PASS
Band5	3	20525	15	#0	16QAM	NV	50	-3.05	-0.004	PASS
Band5	3	20635	15	#0	QPSK	NV	-30	-11.42	-0.013	PASS
Band5	3	20635	15	#0	QPSK	NV	-20	-23.15	-0.027	PASS
Band5	3	20635	15	#0	QPSK	NV	0	-24.46	-0.029	PASS
Band5	3	20635	15	#0	QPSK	NV	10	-7.91	-0.009	PASS
Band5	3	20635	15	#0	QPSK	NV	20	18.14	0.021	PASS
Band5	3	20635	15	#0	QPSK	NV	30	46.16	0.054	PASS
Band5	3	20635	15	#0	QPSK	NV	40	26.87	0.032	PASS
Band5	3	20635	15	#0	QPSK	NV	50	33.25	0.039	PASS
Band5	3	20635	15	#0	16QAM	NV	-30	36.79	0.043	PASS

Band5	3	20635	15	#0	16QAM	NV	-20	17.55	0.021	PASS
Band5	3	20635	15	#0	16QAM	NV	0	46.35	0.055	PASS
Band5	3	20635	15	#0	16QAM	NV	10	23.27	0.027	PASS
Band5	3	20635	15	#0	16QAM	NV	20	33.59	0.040	PASS
Band5	3	20635	15	#0	16QAM	NV	30	36.65	0.043	PASS
Band5	3	20635	15	#0	16QAM	NV	40	36.41	0.043	PASS
Band5	3	20635	15	#0	16QAM	NV	50	36.29	0.043	PASS
Band5	5	20425	25	#0	QPSK	NV	-30	-32.94	-0.040	PASS
Band5	5	20425	25	#0	QPSK	NV	-20	-32.23	-0.039	PASS
Band5	5	20425	25	#0	QPSK	NV	0	-34.38	-0.042	PASS
Band5	5	20425	25	#0	QPSK	NV	10	-18.45	-0.022	PASS
Band5	5	20425	25	#0	QPSK	NV	20	-22.07	-0.027	PASS
Band5	5	20425	25	#0	QPSK	NV	30	-11.79	-0.014	PASS
Band5	5	20425	25	#0	QPSK	NV	40	10.96	0.013	PASS
Band5	5	20425	25	#0	QPSK	NV	50	33.26	0.040	PASS
Band5	5	20425	25	#0	16QAM	NV	-30	8.57	0.010	PASS
Band5	5	20425	25	#0	16QAM	NV	-20	32.01	0.039	PASS
Band5	5	20425	25	#0	16QAM	NV	0	38.68	0.047	PASS
Band5	5	20425	25	#0	16QAM	NV	10	6.05	0.007	PASS
Band5	5	20425	25	#0	16QAM	NV	20	9.10	0.011	PASS
Band5	5	20425	25	#0	16QAM	NV	30	10.70	0.013	PASS
Band5	5	20425	25	#0	16QAM	NV	40	13.03	0.016	PASS
Band5	5	20425	25	#0	16QAM	NV	50	14.79	0.018	PASS
Band5	5	20525	25	#0	QPSK	NV	-30	-13.43	-0.016	PASS
Band5	5	20525	25	#0	QPSK	NV	-20	-19.53	-0.023	PASS
Band5	5	20525	25	#0	QPSK	NV	0	-19.41	-0.023	PASS
Band5	5	20525	25	#0	QPSK	NV	10	-13.30	-0.016	PASS
Band5	5	20525	25	#0	QPSK	NV	20	-4.63	-0.006	PASS
Band5	5	20525	25	#0	QPSK	NV	30	8.07	0.010	PASS
Band5	5	20525	25	#0	QPSK	NV	40	28.51	0.034	PASS
Band5	5	20525	25	#0	QPSK	NV	50	9.77	0.012	PASS
Band5	5	20525	25	#0	16QAM	NV	-30	18.34	0.022	PASS
Band5	5	20525	25	#0	16QAM	NV	-20	32.86	0.039	PASS
Band5	5	20525	25	#0	16QAM	NV	0	44.47	0.053	PASS
Band5	5	20525	25	#0	16QAM	NV	10	7.74	0.009	PASS
Band5	5	20525	25	#0	16QAM	NV	20	8.31	0.010	PASS
Band5	5	20525	25	#0	16QAM	NV	30	1.22	0.001	PASS
Band5	5	20525	25	#0	16QAM	NV	40	-5.12	-0.006	PASS
Band5	5	20525	25	#0	16QAM	NV	50	-14.05	-0.017	PASS
Band5	5	20625	25	#0	QPSK	NV	-30	-17.94	-0.021	PASS
Band5	5	20625	25	#0	QPSK	NV	-20	-27.41	-0.032	PASS
Band5	5	20625	25	#0	QPSK	NV	0	-24.20	-0.029	PASS

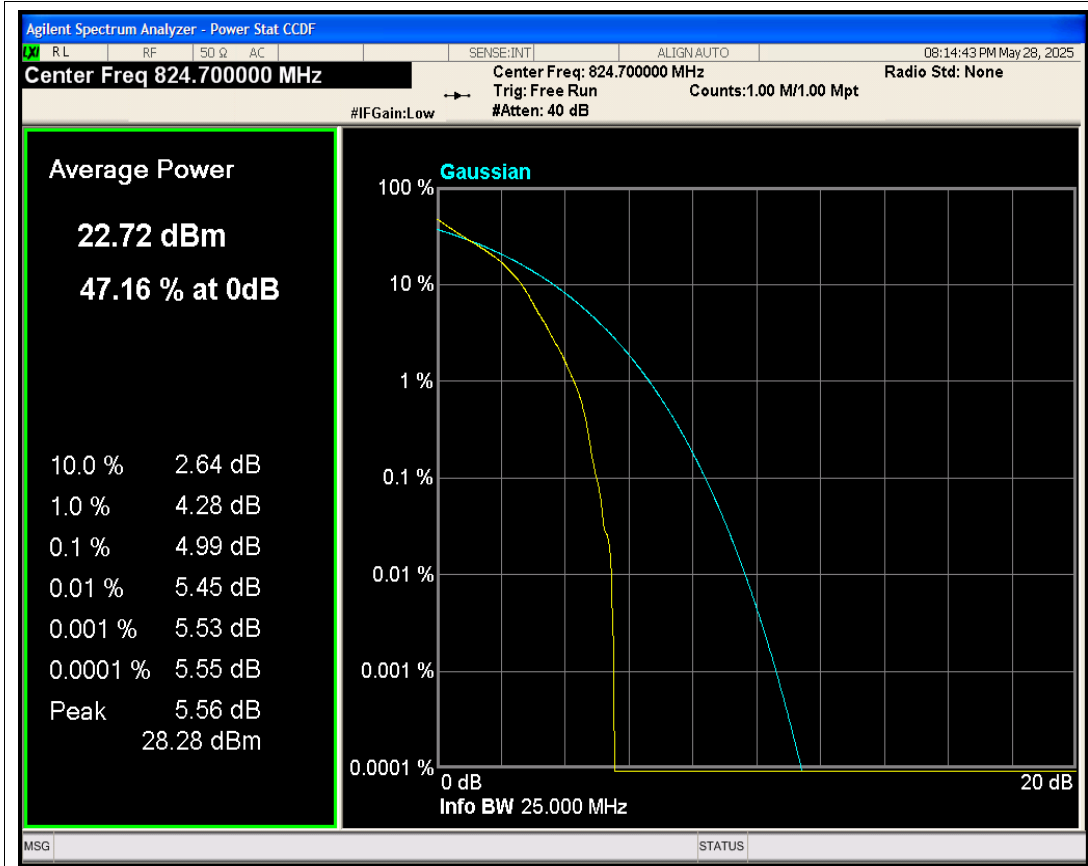
Band5	5	20625	25	#0	QPSK	NV	10	-8.24	-0.010	PASS
Band5	5	20625	25	#0	QPSK	NV	20	11.83	0.014	PASS
Band5	5	20625	25	#0	QPSK	NV	30	36.55	0.043	PASS
Band5	5	20625	25	#0	QPSK	NV	40	26.61	0.031	PASS
Band5	5	20625	25	#0	QPSK	NV	50	14.32	0.017	PASS
Band5	5	20625	25	#0	16QAM	NV	-30	13.32	0.016	PASS
Band5	5	20625	25	#0	16QAM	NV	-20	34.70	0.041	PASS
Band5	5	20625	25	#0	16QAM	NV	0	25.72	0.030	PASS
Band5	5	20625	25	#0	16QAM	NV	10	46.83	0.055	PASS
Band5	5	20625	25	#0	16QAM	NV	20	12.57	0.015	PASS
Band5	5	20625	25	#0	16QAM	NV	30	20.86	0.025	PASS
Band5	5	20625	25	#0	16QAM	NV	40	22.92	0.027	PASS
Band5	5	20625	25	#0	16QAM	NV	50	17.94	0.021	PASS
Band5	10	20450	50	#0	QPSK	NV	-30	-33.23	-0.040	PASS
Band5	10	20450	50	#0	QPSK	NV	-20	-26.87	-0.032	PASS
Band5	10	20450	50	#0	QPSK	NV	0	-10.63	-0.013	PASS
Band5	10	20450	50	#0	QPSK	NV	10	-0.34	0.000	PASS
Band5	10	20450	50	#0	QPSK	NV	20	28.24	0.034	PASS
Band5	10	20450	50	#0	QPSK	NV	30	15.66	0.019	PASS
Band5	10	20450	50	#0	QPSK	NV	40	31.70	0.038	PASS
Band5	10	20450	50	#0	QPSK	NV	50	20.54	0.025	PASS
Band5	10	20450	50	#0	16QAM	NV	-30	31.53	0.038	PASS
Band5	10	20450	50	#0	16QAM	NV	-20	24.29	0.029	PASS
Band5	10	20450	50	#0	16QAM	NV	0	35.56	0.043	PASS
Band5	10	20450	50	#0	16QAM	NV	10	37.12	0.045	PASS
Band5	10	20450	50	#0	16QAM	NV	20	34.25	0.041	PASS
Band5	10	20450	50	#0	16QAM	NV	30	31.17	0.038	PASS
Band5	10	20450	50	#0	16QAM	NV	40	28.72	0.035	PASS
Band5	10	20450	50	#0	16QAM	NV	50	20.54	0.025	PASS
Band5	10	20525	50	#0	QPSK	NV	-30	-8.13	-0.010	PASS
Band5	10	20525	50	#0	QPSK	NV	-20	-29.04	-0.035	PASS
Band5	10	20525	50	#0	QPSK	NV	0	-29.04	-0.035	PASS
Band5	10	20525	50	#0	QPSK	NV	10	-12.75	-0.015	PASS
Band5	10	20525	50	#0	QPSK	NV	20	4.58	0.005	PASS
Band5	10	20525	50	#0	QPSK	NV	30	26.46	0.032	PASS
Band5	10	20525	50	#0	QPSK	NV	40	31.11	0.037	PASS
Band5	10	20525	50	#0	QPSK	NV	50	22.76	0.027	PASS
Band5	10	20525	50	#0	16QAM	NV	-30	39.44	0.047	PASS
Band5	10	20525	50	#0	16QAM	NV	-20	5.18	0.006	PASS
Band5	10	20525	50	#0	16QAM	NV	0	9.16	0.011	PASS
Band5	10	20525	50	#0	16QAM	NV	10	1.13	0.001	PASS
Band5	10	20525	50	#0	16QAM	NV	20	-7.94	-0.009	PASS

Band5	10	20525	50	#0	16QAM	NV	30	-13.05	-0.016	PASS
Band5	10	20525	50	#0	16QAM	NV	40	-19.80	-0.024	PASS
Band5	10	20525	50	#0	16QAM	NV	50	-16.29	-0.019	PASS
Band5	10	20600	50	#0	QPSK	NV	-30	-1.59	-0.002	PASS
Band5	10	20600	50	#0	QPSK	NV	-20	-11.84	-0.014	PASS
Band5	10	20600	50	#0	QPSK	NV	0	7.44	0.009	PASS
Band5	10	20600	50	#0	QPSK	NV	10	33.80	0.040	PASS
Band5	10	20600	50	#0	QPSK	NV	20	17.37	0.021	PASS
Band5	10	20600	50	#0	QPSK	NV	30	13.46	0.016	PASS
Band5	10	20600	50	#0	QPSK	NV	40	28.08	0.033	PASS
Band5	10	20600	50	#0	QPSK	NV	50	34.20	0.041	PASS
Band5	10	20600	50	#0	16QAM	NV	-30	26.97	0.032	PASS
Band5	10	20600	50	#0	16QAM	NV	-20	1.70	0.002	PASS
Band5	10	20600	50	#0	16QAM	NV	0	9.90	0.012	PASS
Band5	10	20600	50	#0	16QAM	NV	10	8.05	0.010	PASS
Band5	10	20600	50	#0	16QAM	NV	20	3.15	0.004	PASS
Band5	10	20600	50	#0	16QAM	NV	30	5.56	0.007	PASS
Band5	10	20600	50	#0	16QAM	NV	40	9.76	0.012	PASS
Band5	10	20600	50	#0	16QAM	NV	50	7.45	0.009	PASS

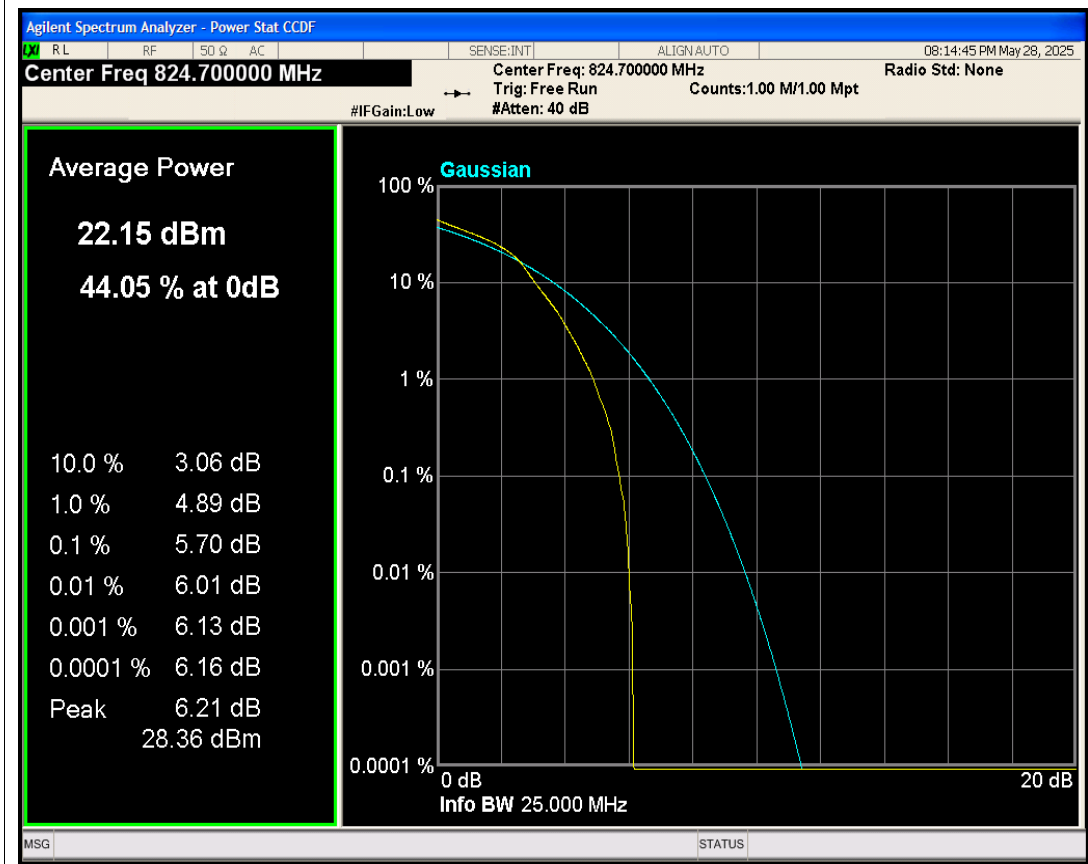


### Appendix 3. Peak-to-Average Ratio

Condition	Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
NVNT	Band5	1.4	20407	1	#0	QPSK	4.99	13	PASS
NVNT	Band5	1.4	20407	1	#0	16QAM	5.70	13	PASS
NVNT	Band5	1.4	20525	1	#0	QPSK	5.01	13	PASS
NVNT	Band5	1.4	20525	1	#0	16QAM	5.95	13	PASS
NVNT	Band5	1.4	20643	1	#0	QPSK	5.13	13	PASS
NVNT	Band5	1.4	20643	1	#0	16QAM	6.03	13	PASS
NVNT	Band5	3	20415	1	#0	QPSK	4.98	13	PASS
NVNT	Band5	3	20415	1	#0	16QAM	6.17	13	PASS
NVNT	Band5	3	20525	1	#0	QPSK	5.13	13	PASS
NVNT	Band5	3	20525	1	#0	16QAM	5.66	13	PASS
NVNT	Band5	3	20635	1	#0	QPSK	5.27	13	PASS
NVNT	Band5	3	20635	1	#0	16QAM	6.06	13	PASS
NVNT	Band5	5	20425	1	#0	QPSK	5.26	13	PASS
NVNT	Band5	5	20425	1	#0	16QAM	6.04	13	PASS
NVNT	Band5	5	20525	1	#0	QPSK	4.93	13	PASS
NVNT	Band5	5	20525	1	#0	16QAM	5.64	13	PASS
NVNT	Band5	5	20625	1	#0	QPSK	5.19	13	PASS
NVNT	Band5	5	20625	1	#0	16QAM	5.98	13	PASS
NVNT	Band5	10	20450	1	#0	QPSK	4.94	13	PASS
NVNT	Band5	10	20450	1	#0	16QAM	5.92	13	PASS
NVNT	Band5	10	20525	1	#0	QPSK	4.57	13	PASS
NVNT	Band5	10	20525	1	#0	16QAM	5.52	13	PASS
NVNT	Band5	10	20600	1	#0	QPSK	4.22	13	PASS
NVNT	Band5	10	20600	1	#0	16QAM	5.22	13	PASS



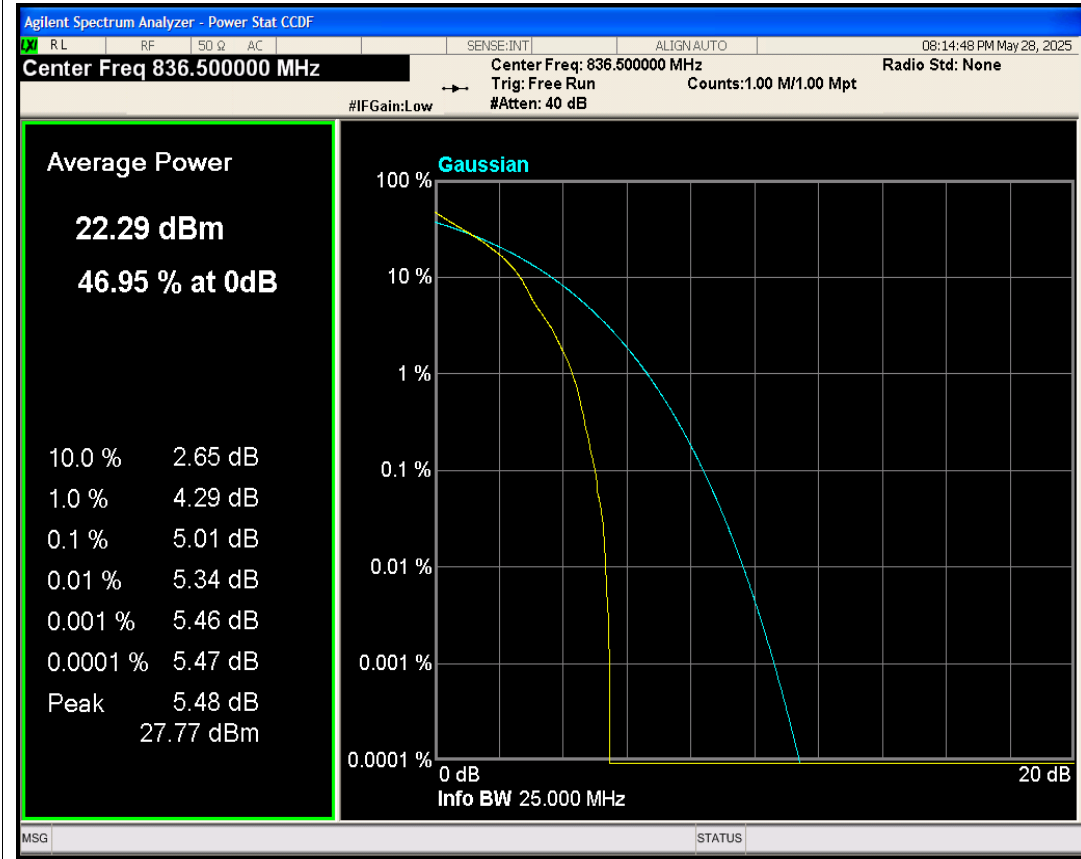
Band5 QPSK BW=1.4MHz Channel=20407 RB Size=1 Position=#0 NVNT



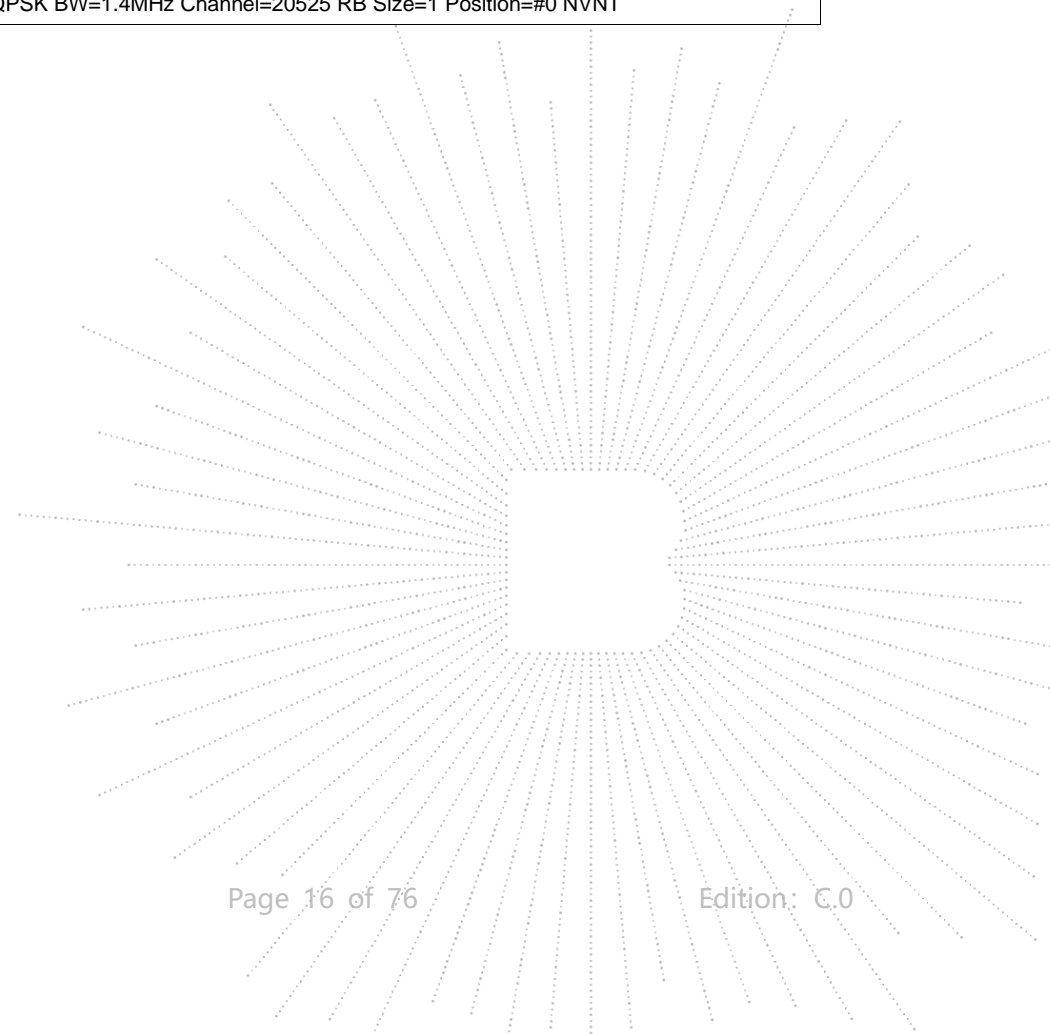


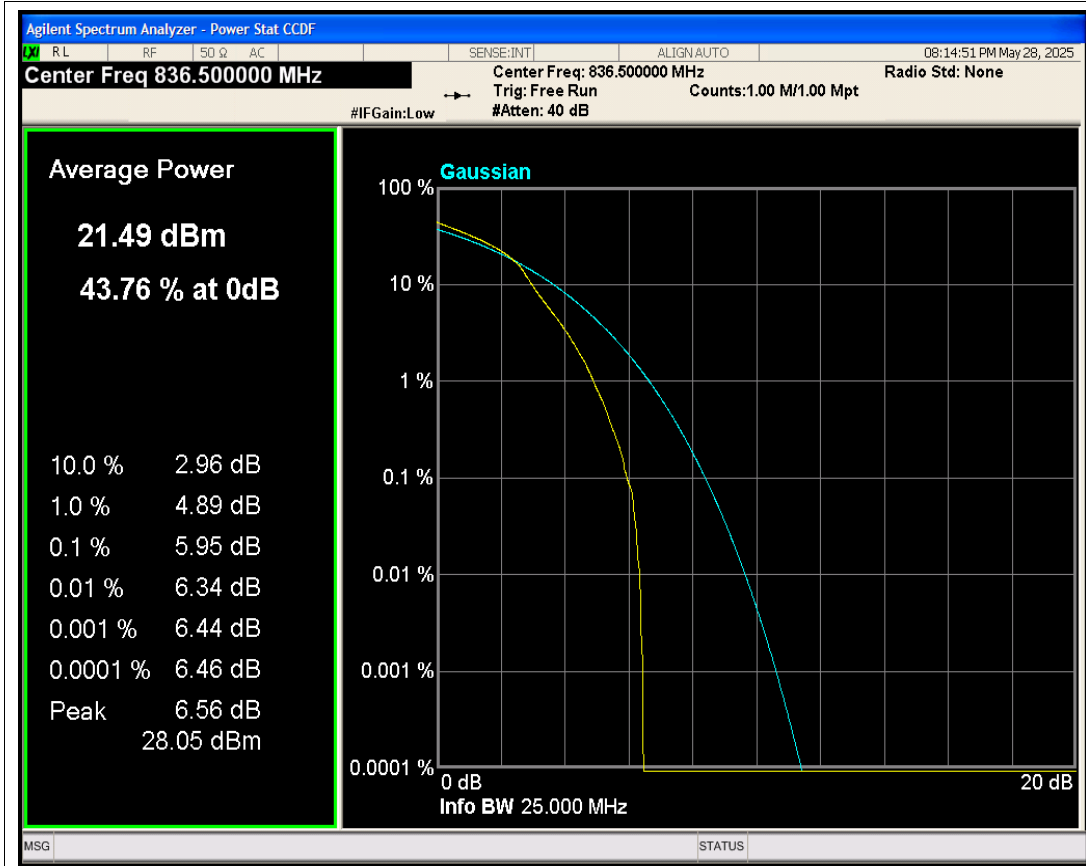


Band5 16QAM BW=1.4MHz Channel=20407 RB Size=1 Position=#0 NVNT

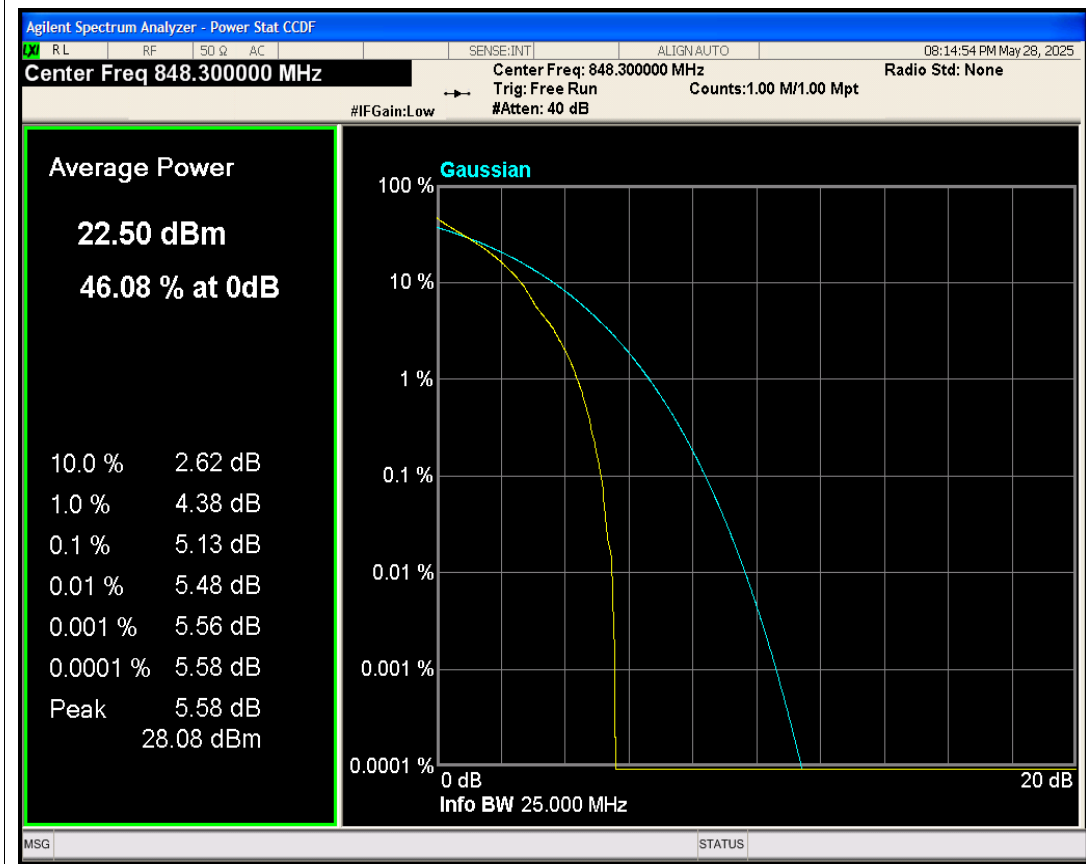


Band5 QPSK BW=1.4MHz Channel=20525 RB Size=1 Position=#0 NVNT



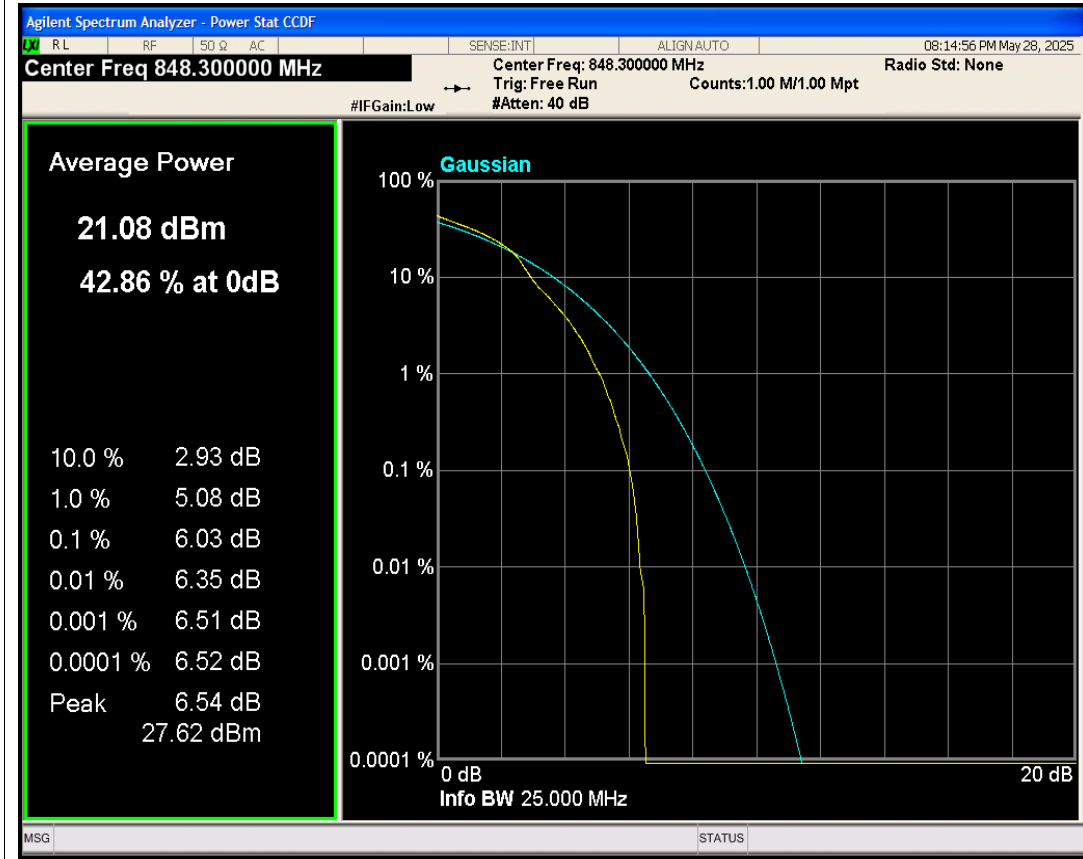


Band5 16QAM BW=1.4MHz Channel=20525 RB Size=1 Position=#0 NVNT

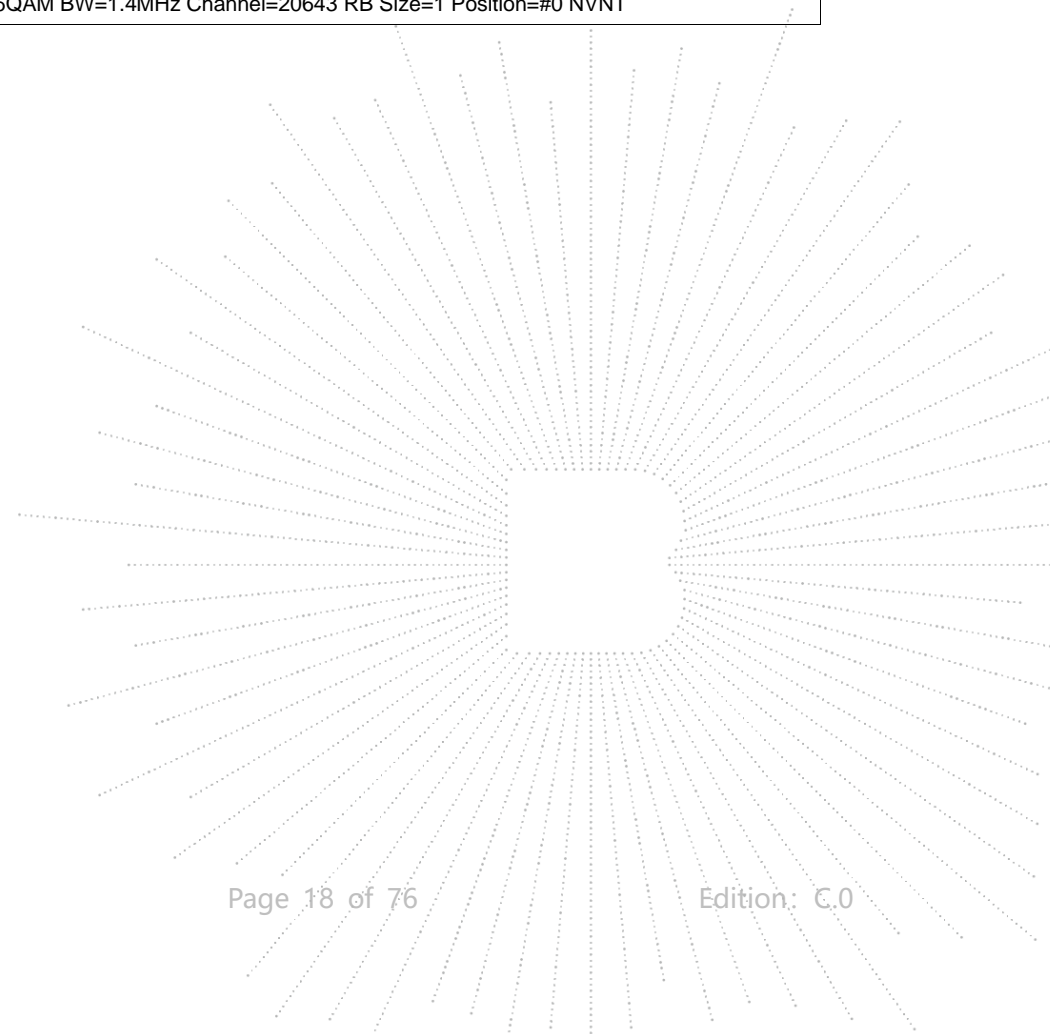


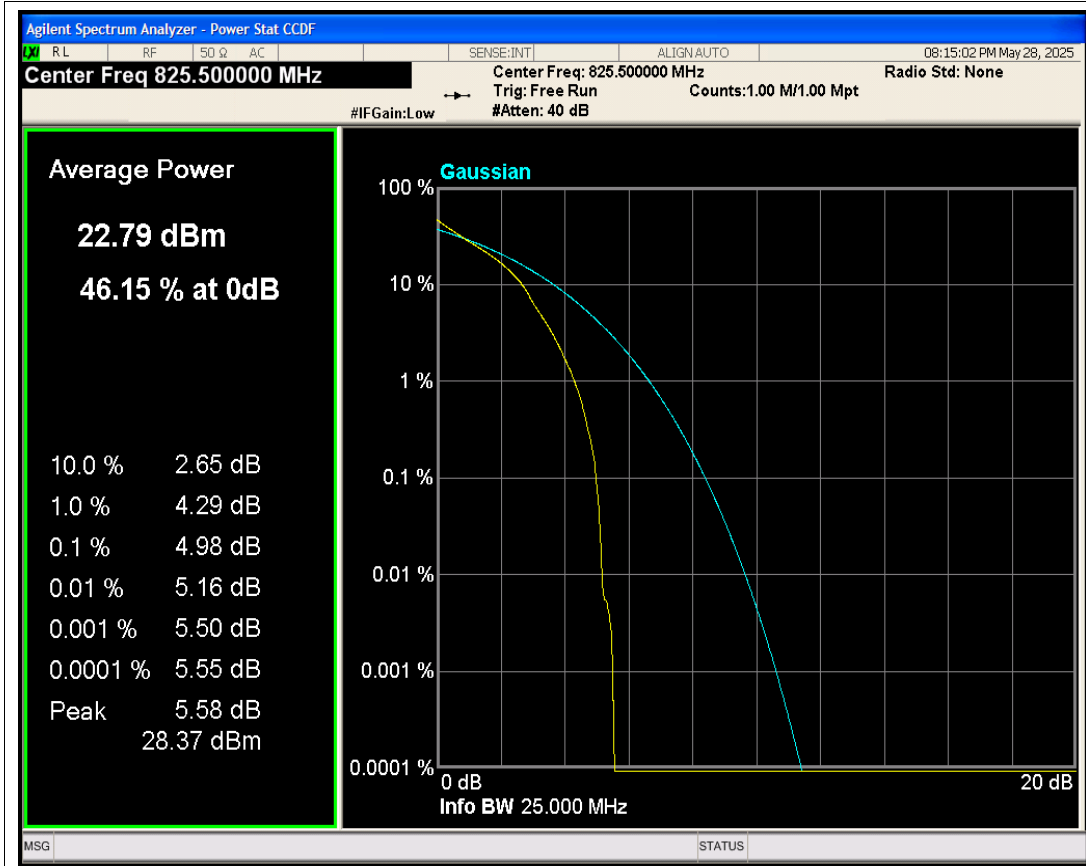


Band5 QPSK BW=1.4MHz Channel=20643 RB Size=1 Position=#0 NVNT

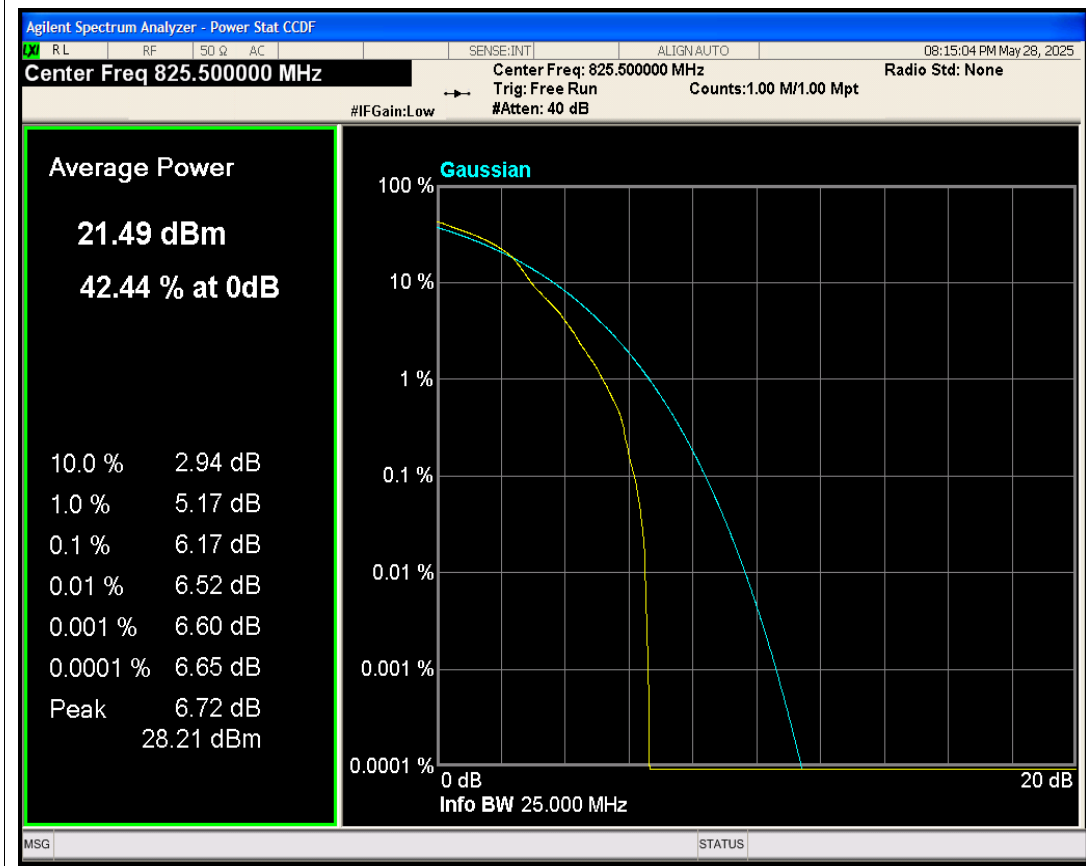


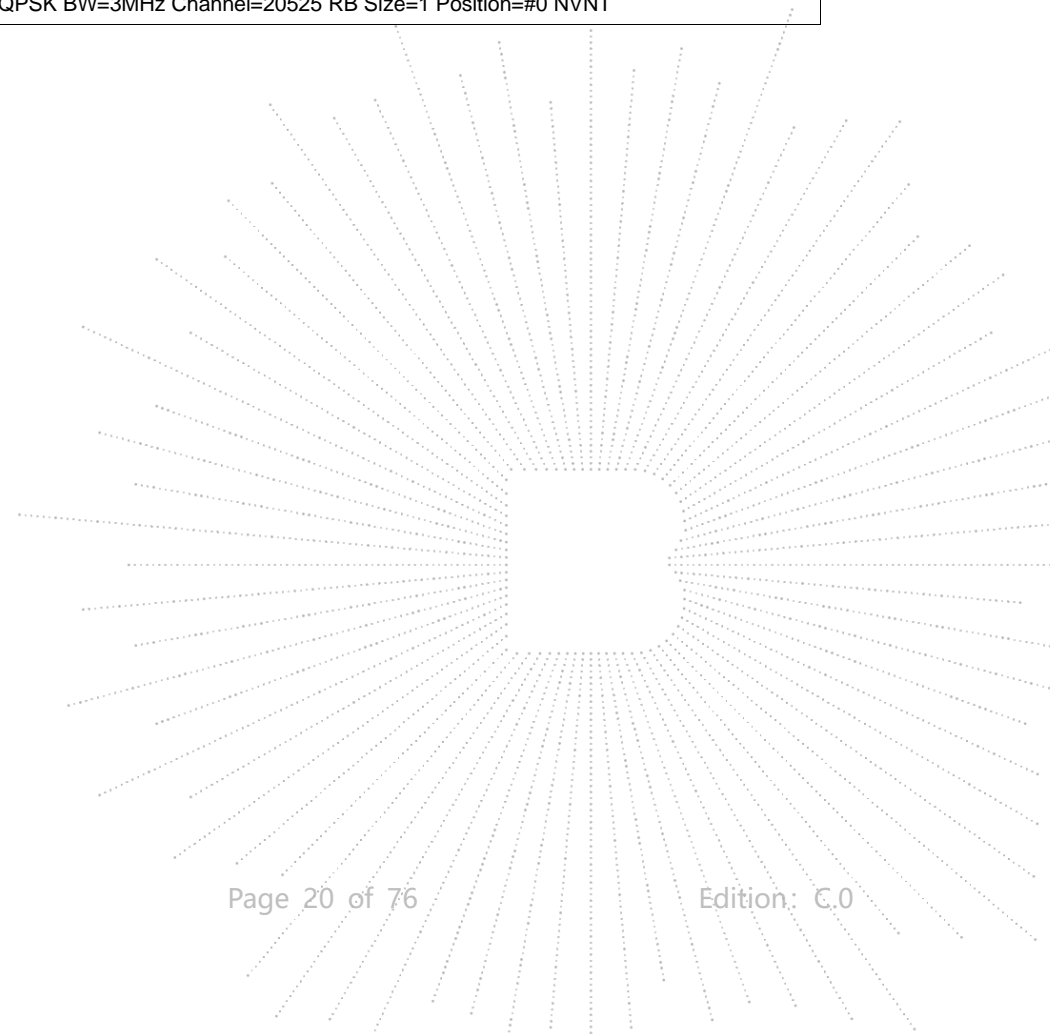
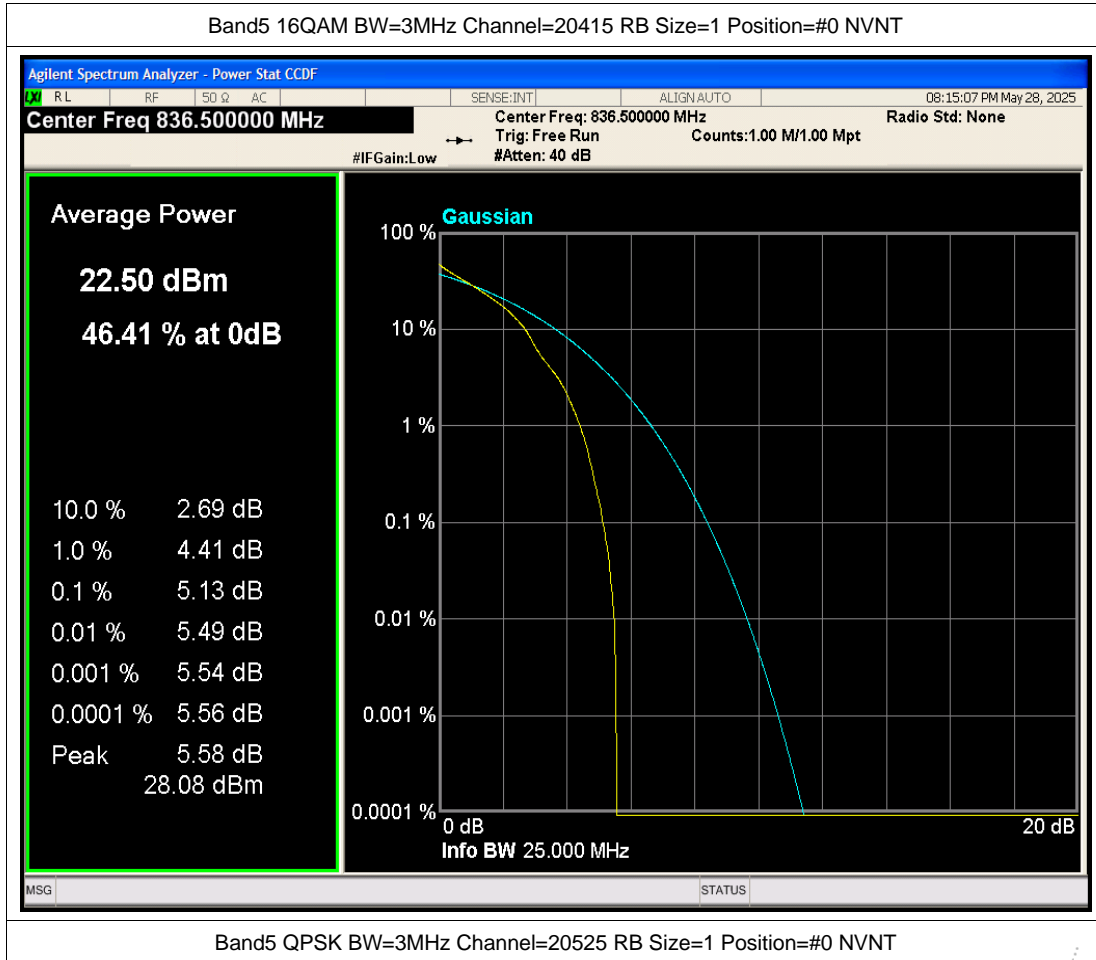
Band5 16QAM BW=1.4MHz Channel=20643 RB Size=1 Position=#0 NVNT

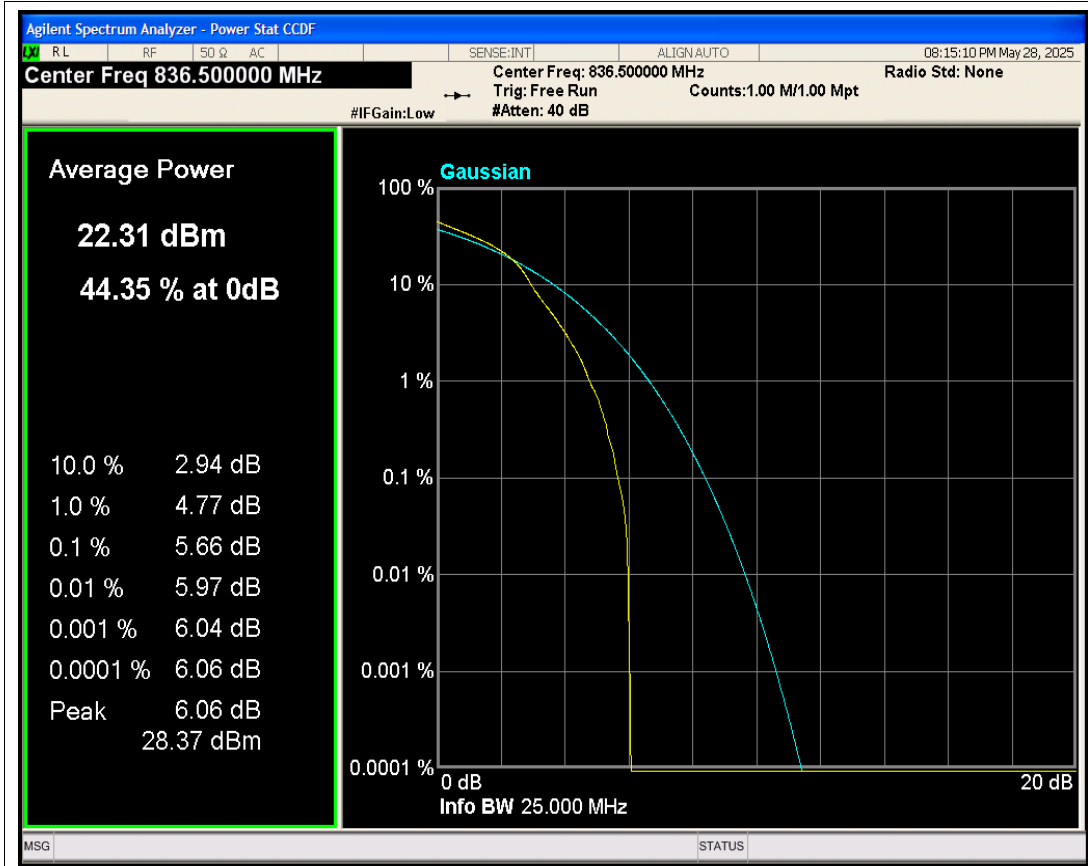




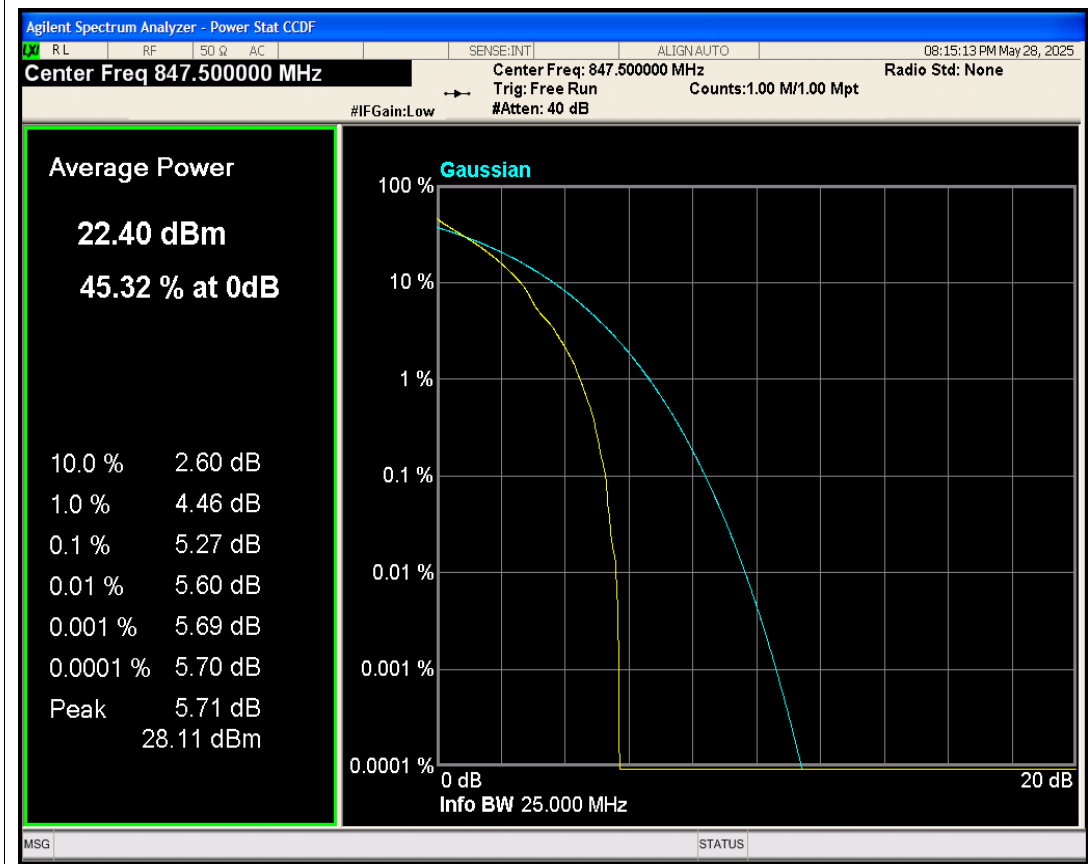
Band5 QPSK BW=3MHz Channel=20415 RB Size=1 Position=#0 NVNT

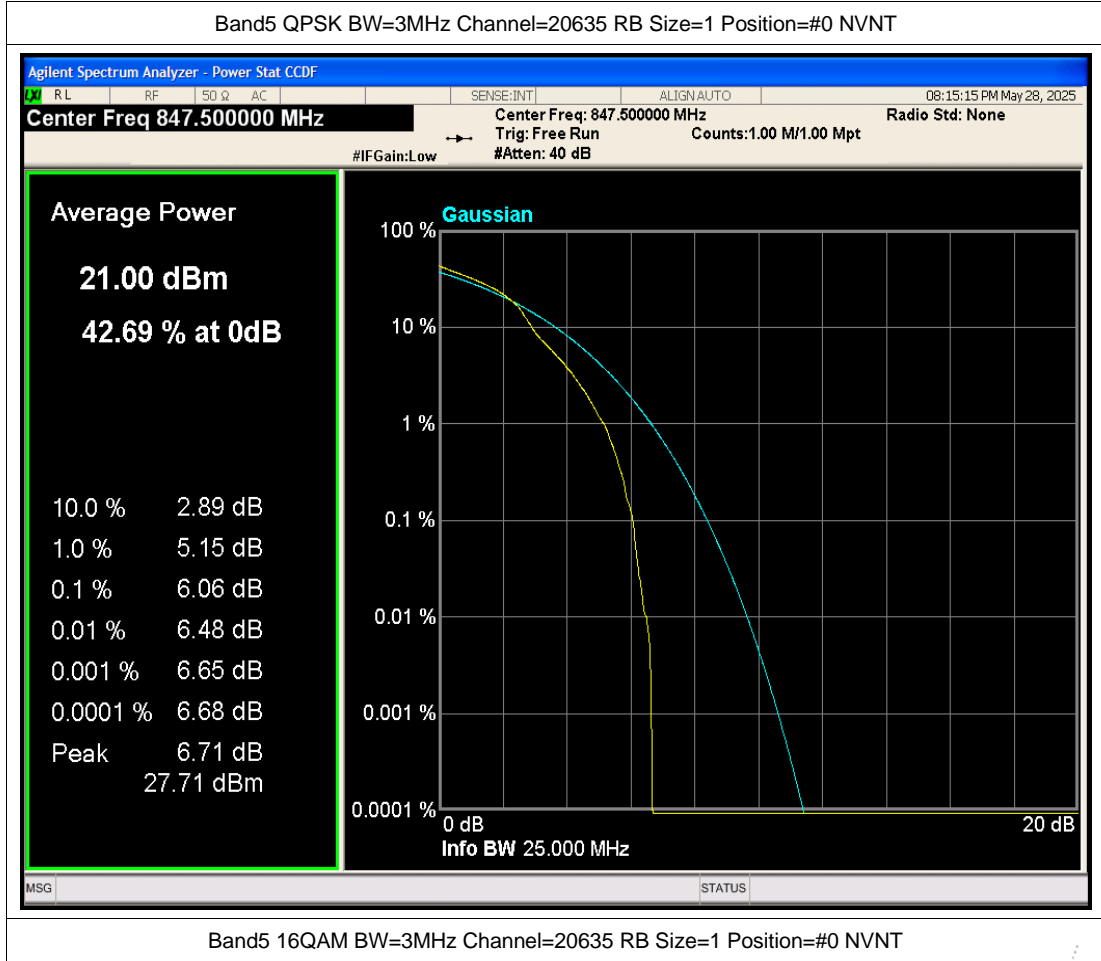


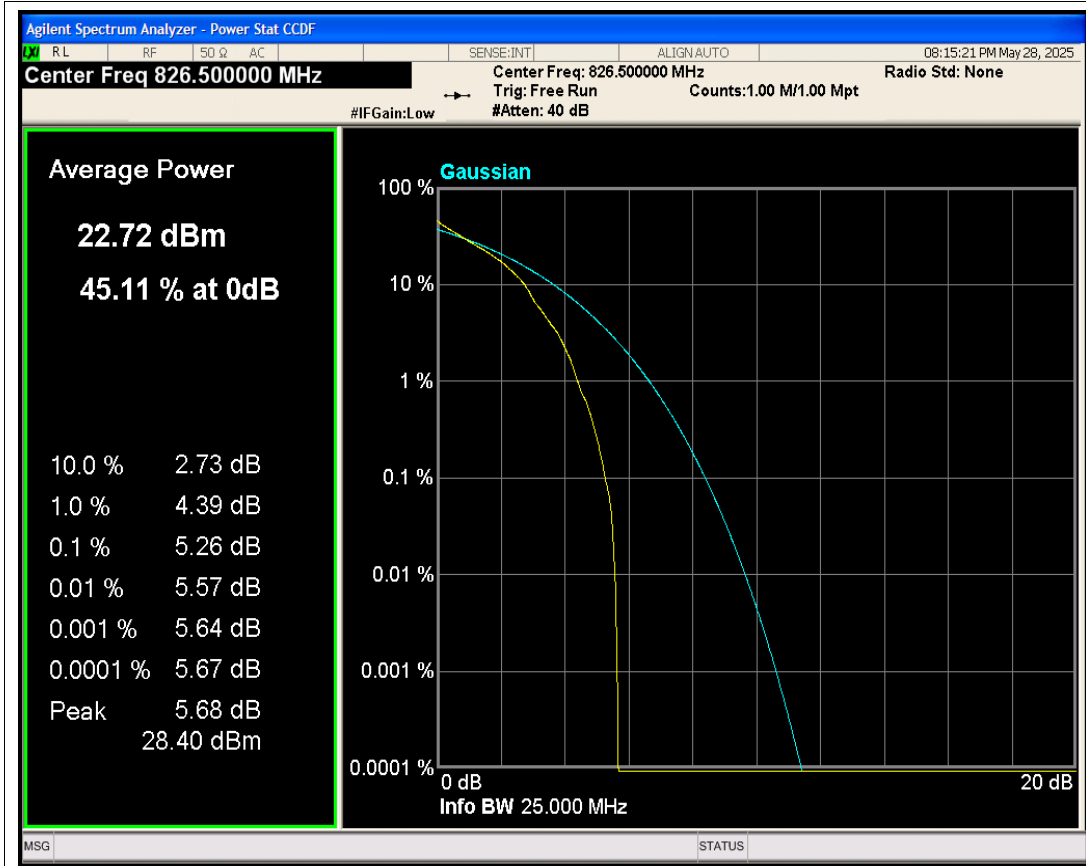




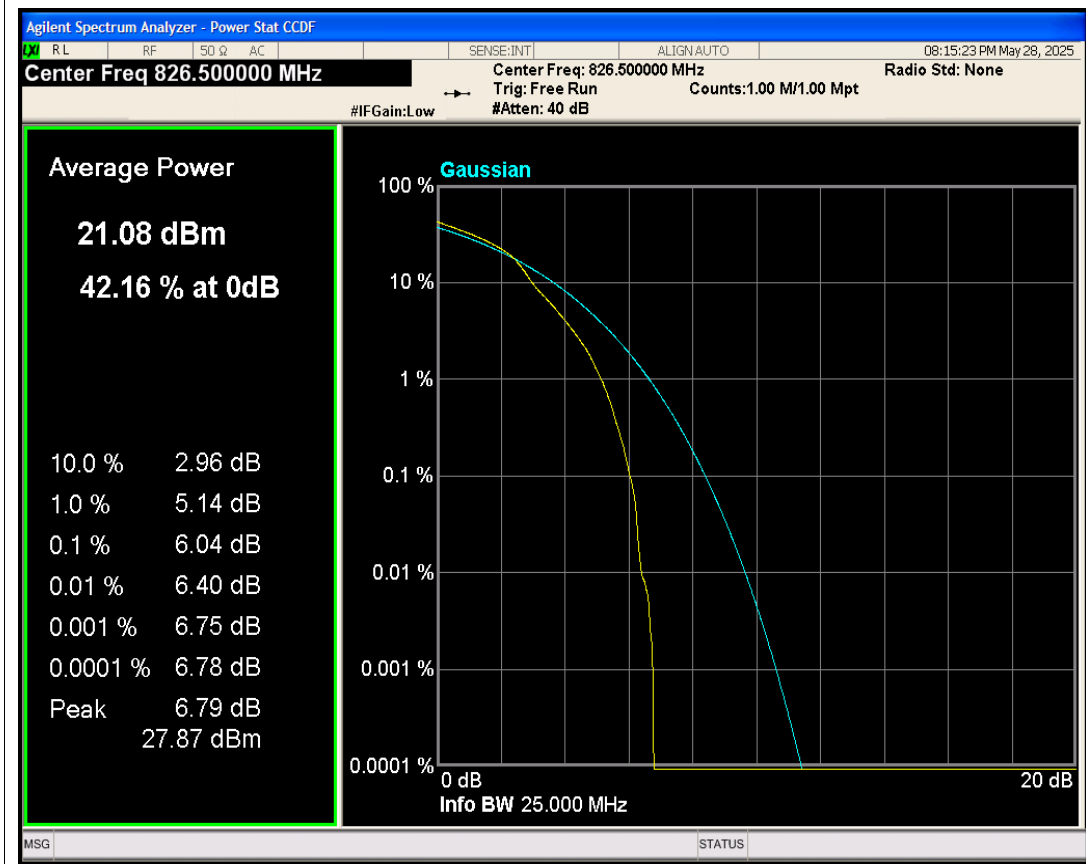
Band5 16QAM BW=3MHz Channel=20525 RB Size=1 Position=#0 NVNT







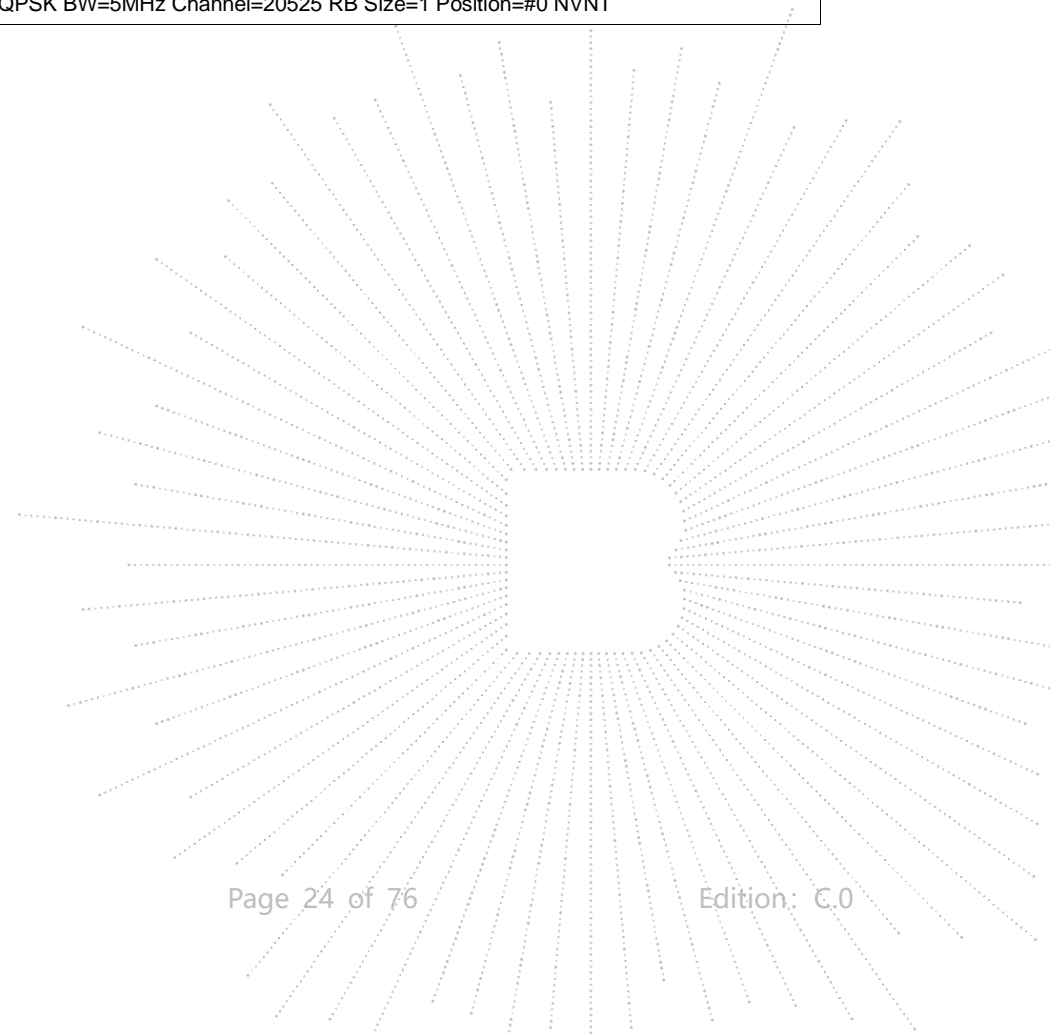
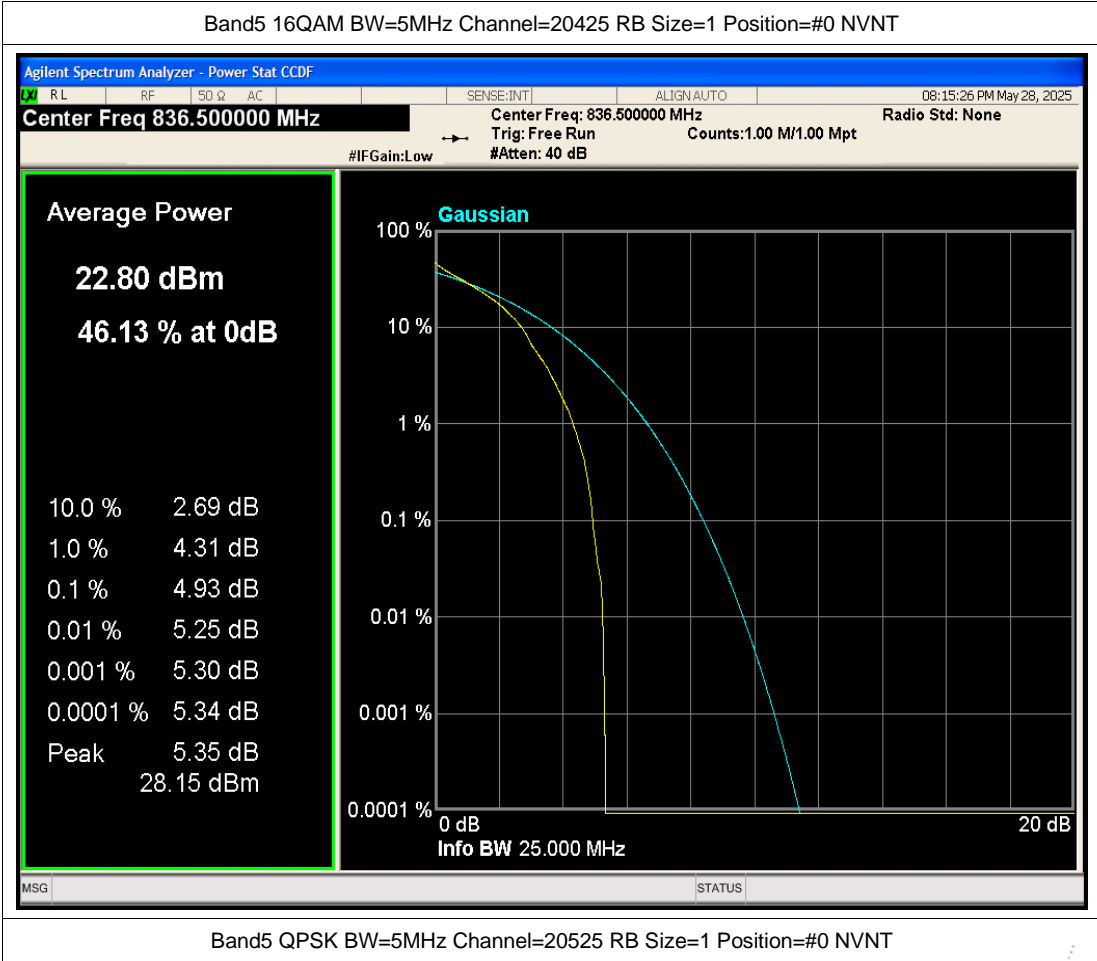
Band5 QPSK BW=5MHz Channel=20425 RB Size=1 Position=#0 NVNT

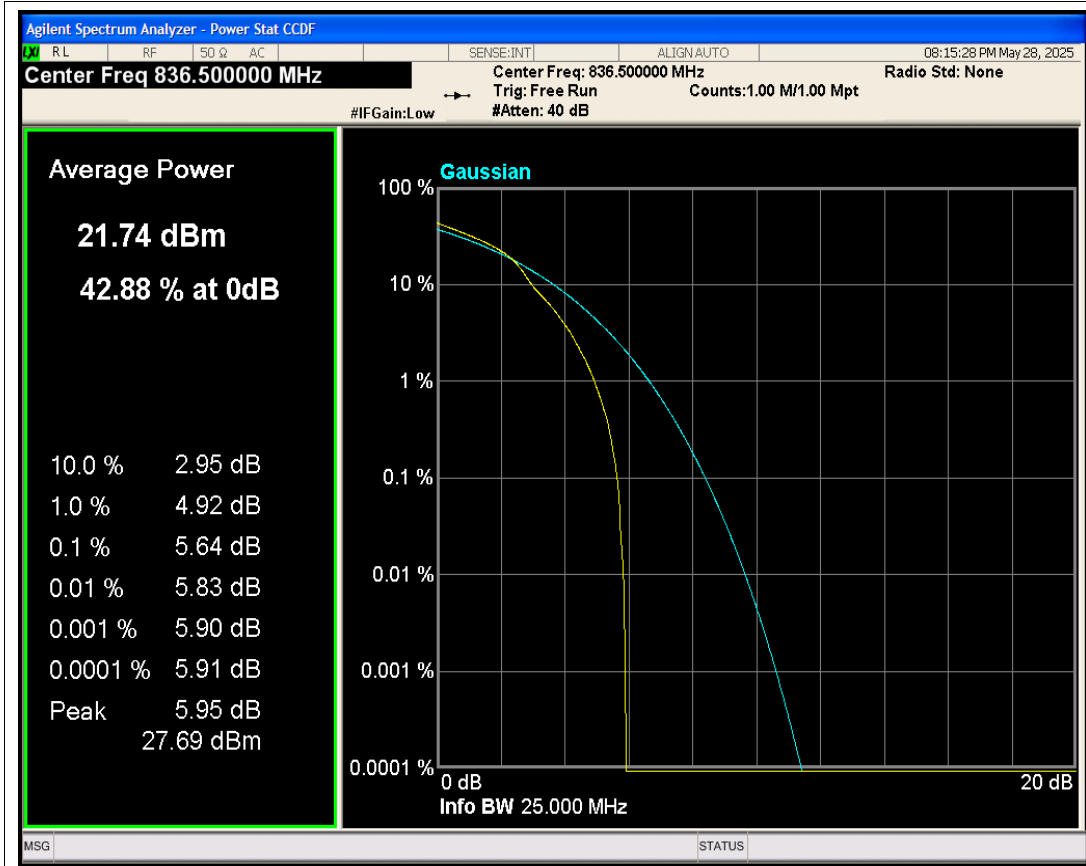




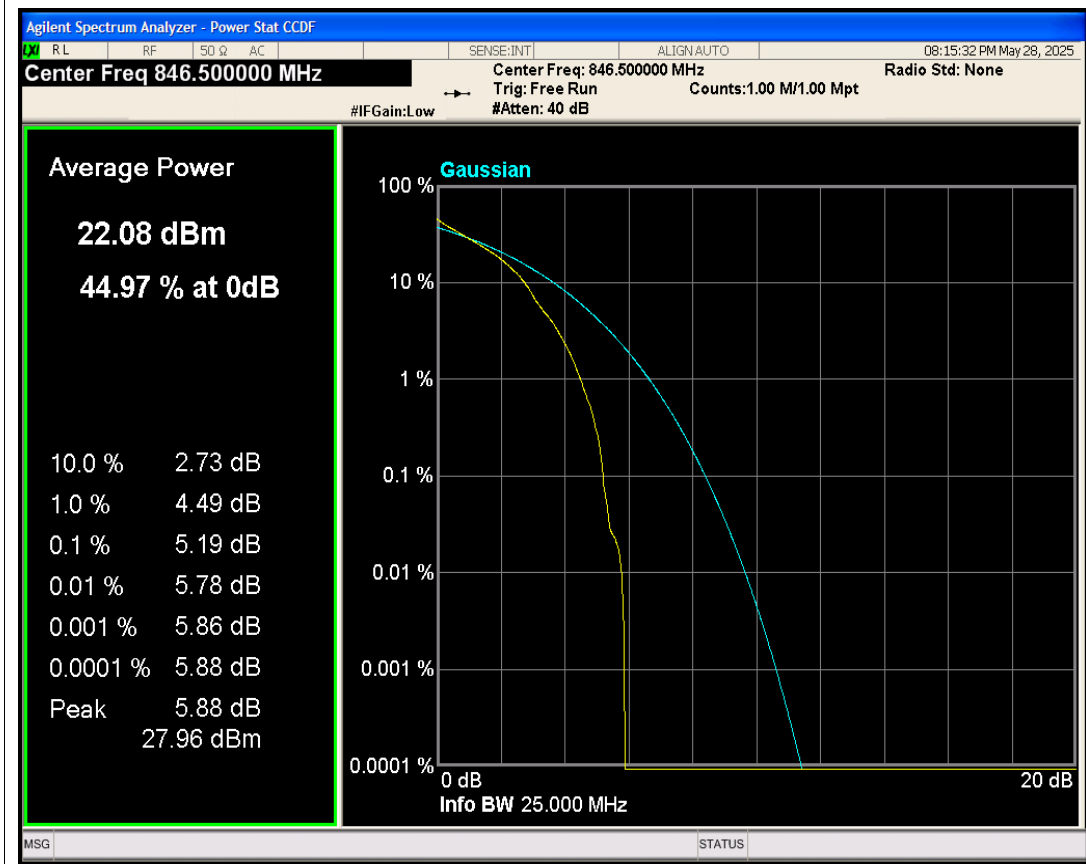


Band5 16QAM BW=5MHz Channel=20425 RB Size=1 Position=#0 NVNT



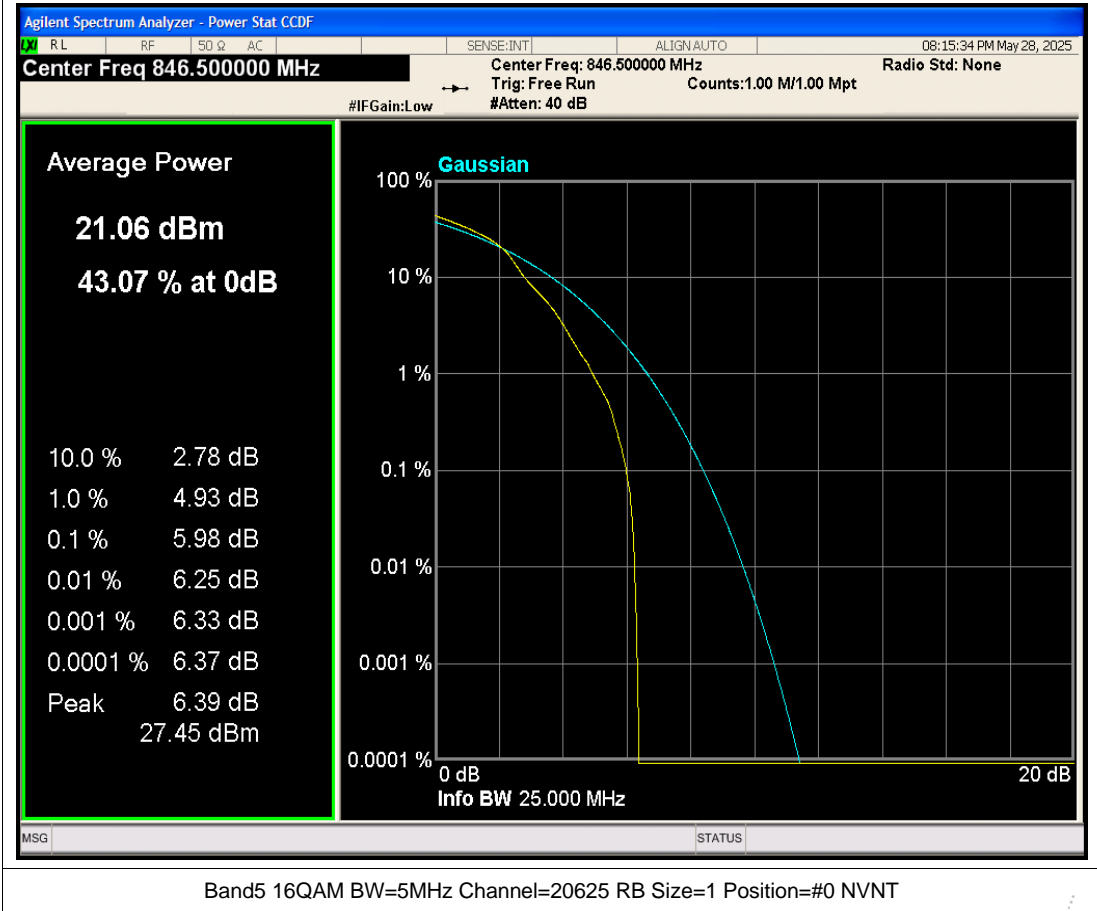


Band5 16QAM BW=5MHz Channel=20525 RB Size=1 Position=#0 NVNT

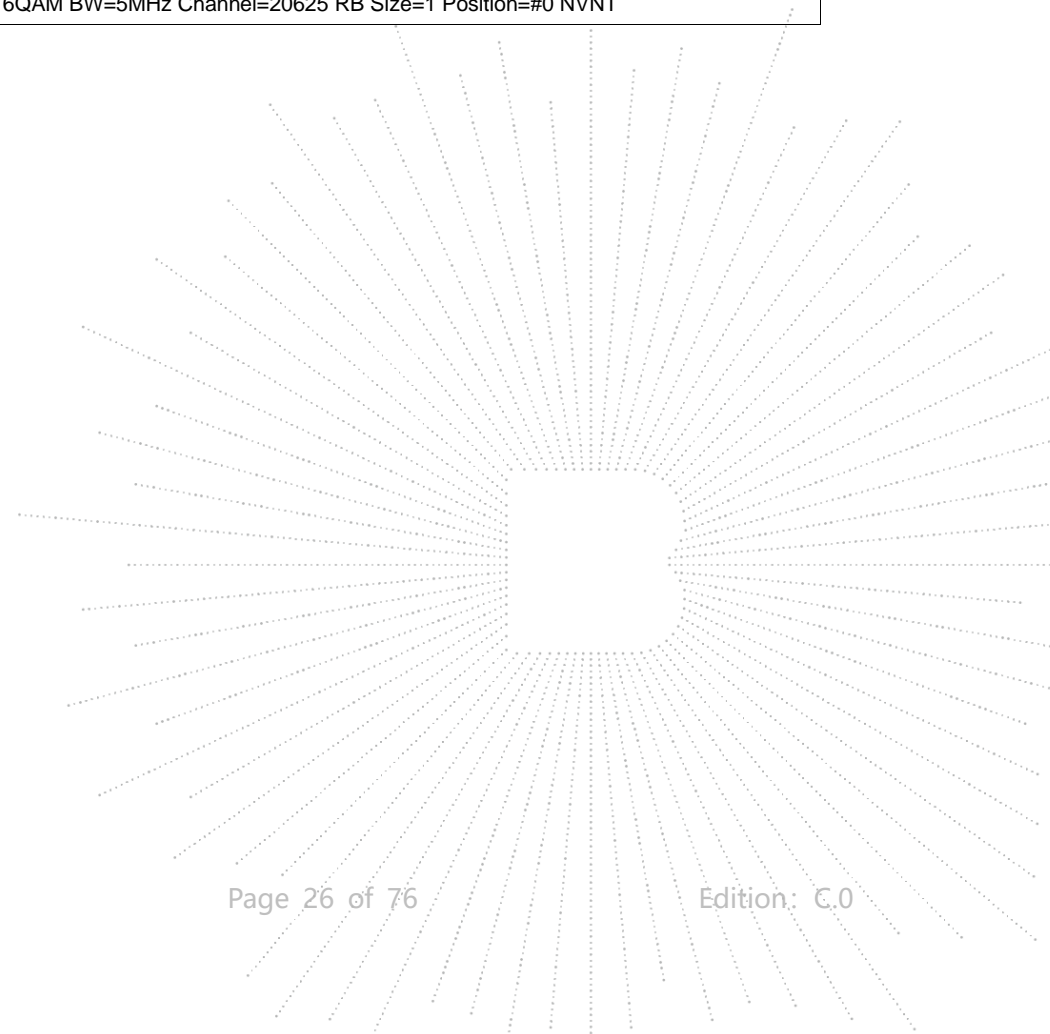


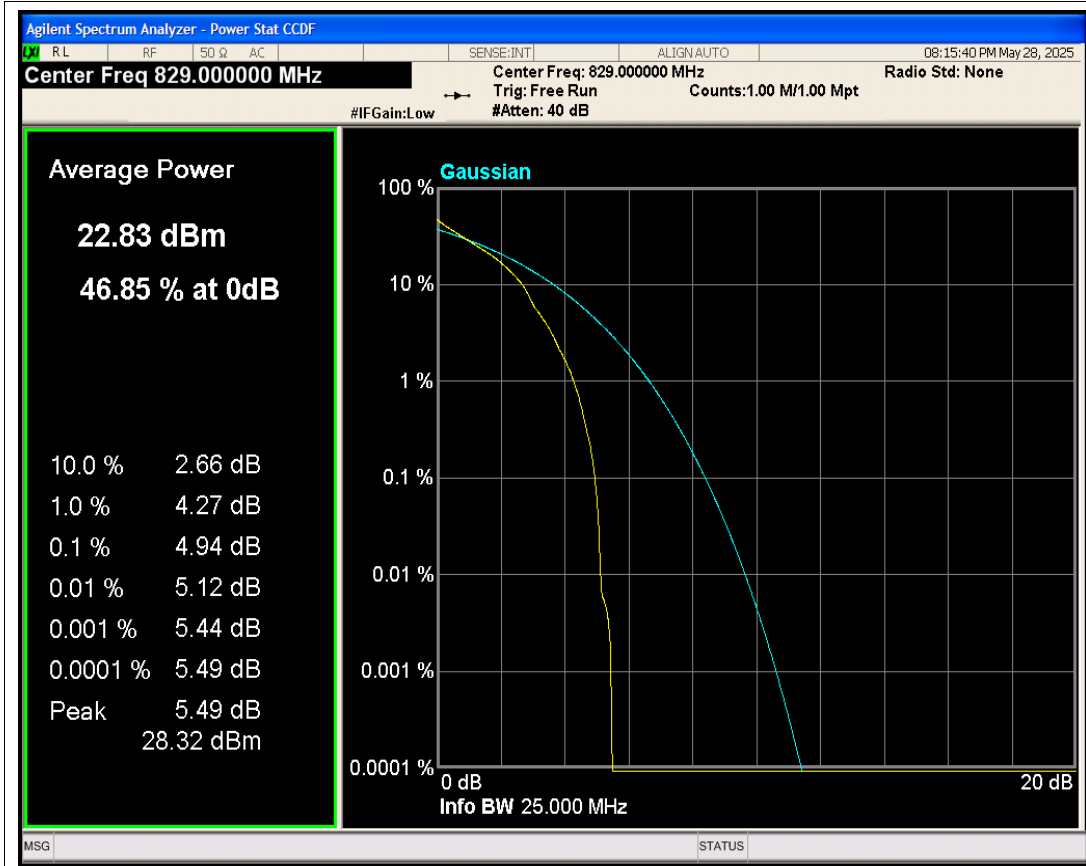


Band5 QPSK BW=5MHz Channel=20625 RB Size=1 Position=#0 NVNT

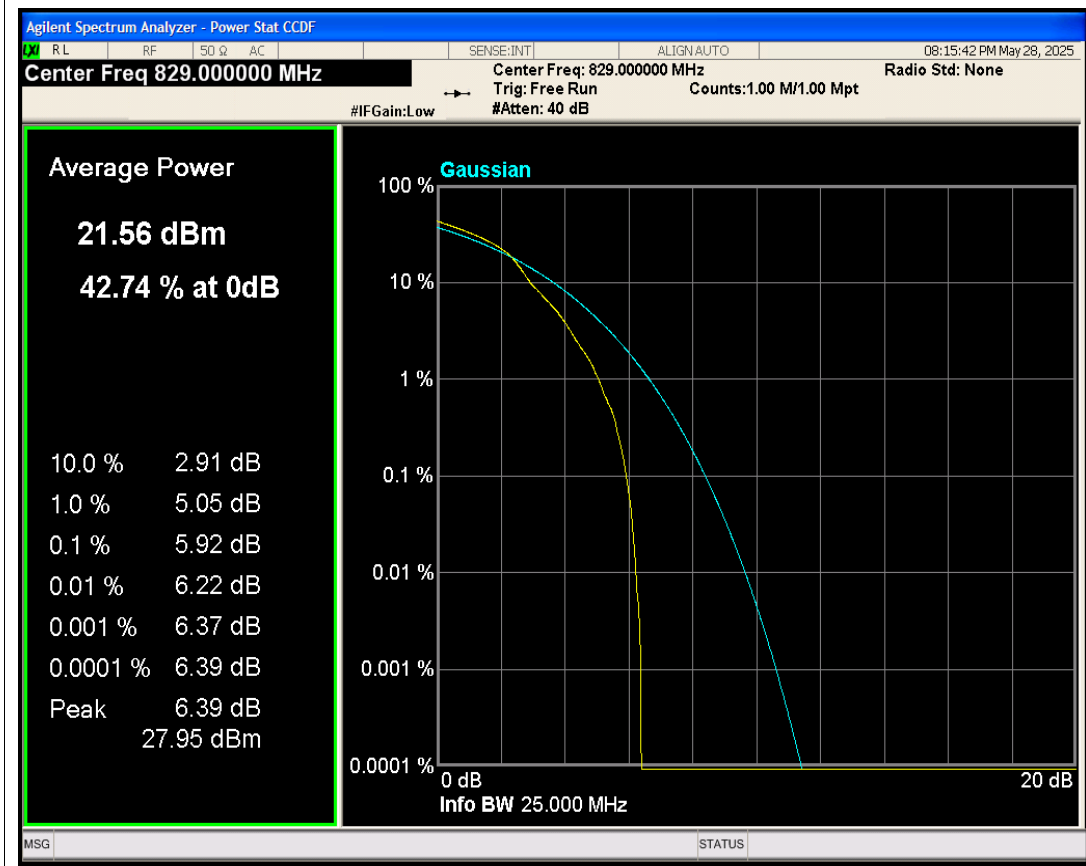


Band5 16QAM BW=5MHz Channel=20625 RB Size=1 Position=#0 NVNT



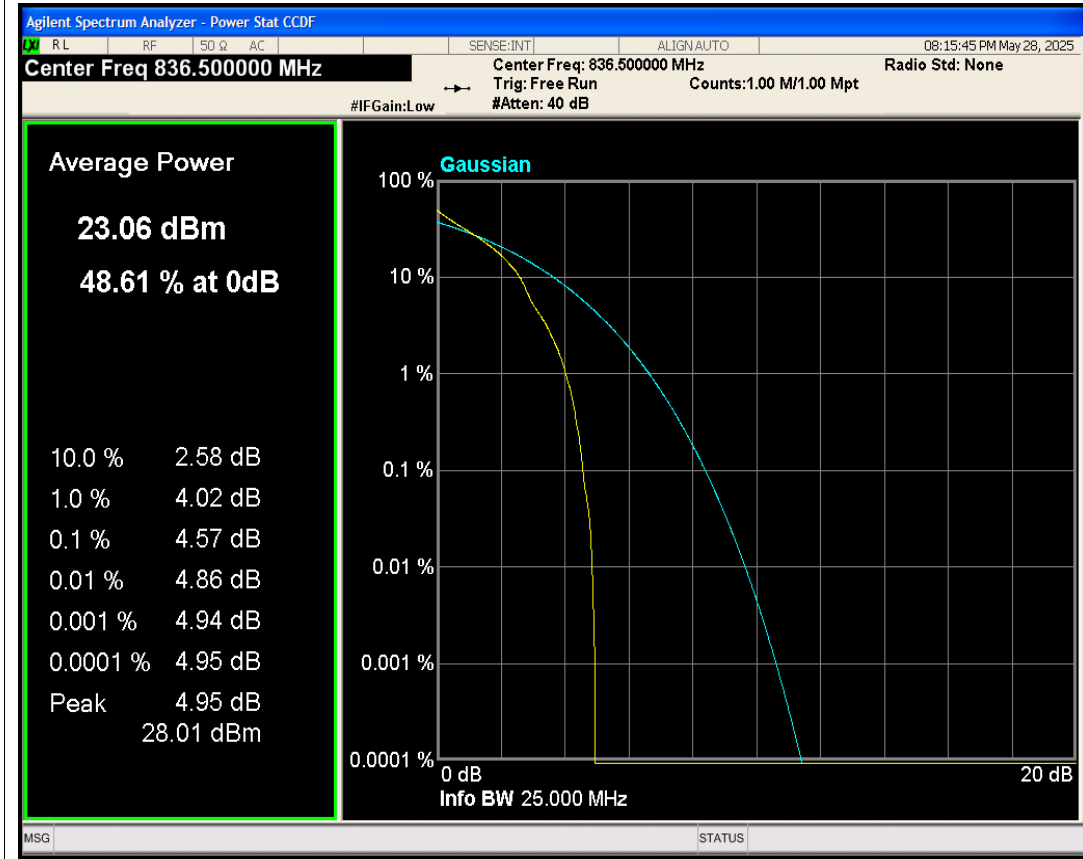


Band5 QPSK BW=10MHz Channel=20450 RB Size=1 Position=#0 NVNT

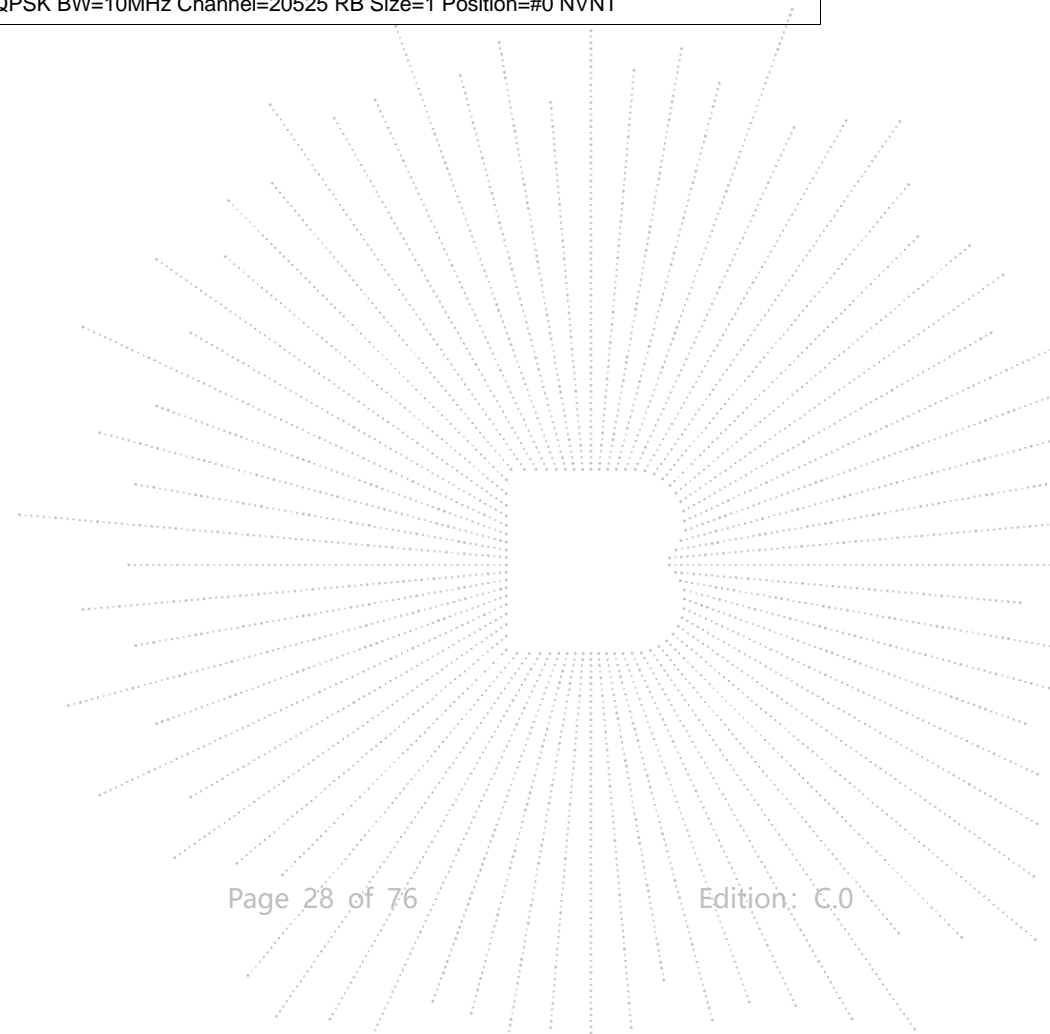


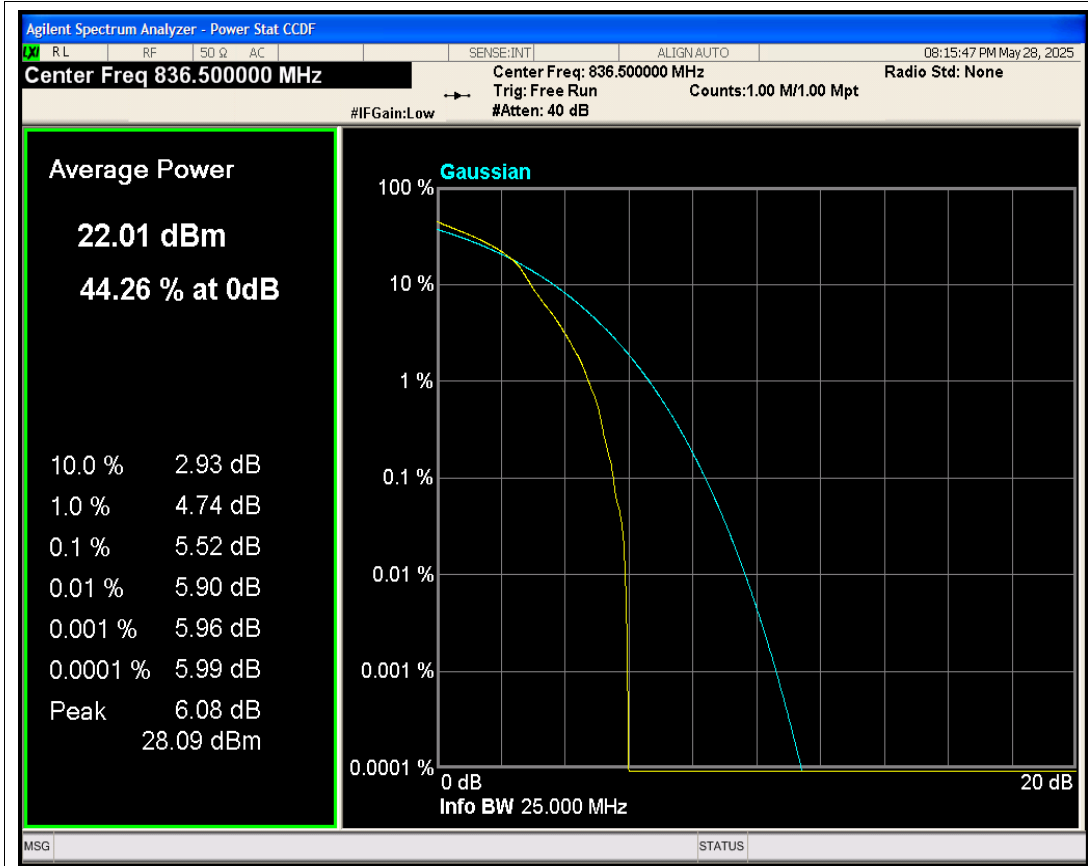


Band5 16QAM BW=10MHz Channel=20450 RB Size=1 Position=#0 NVNT

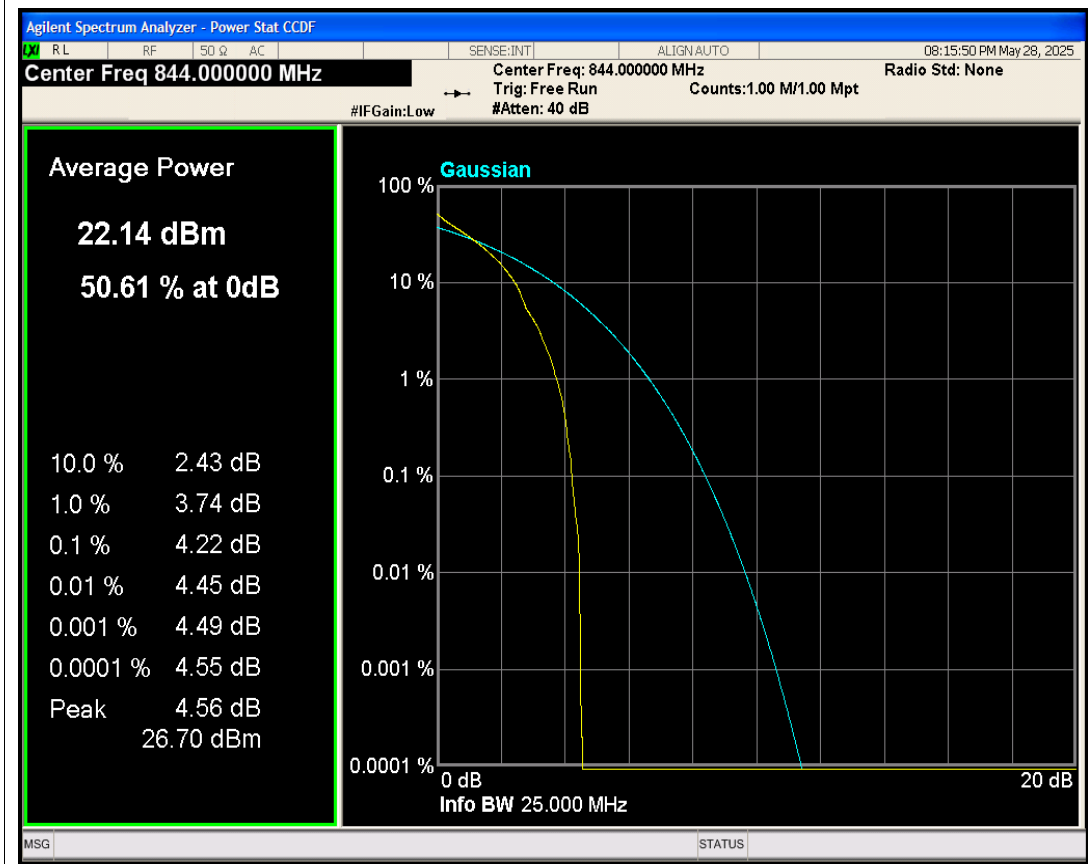


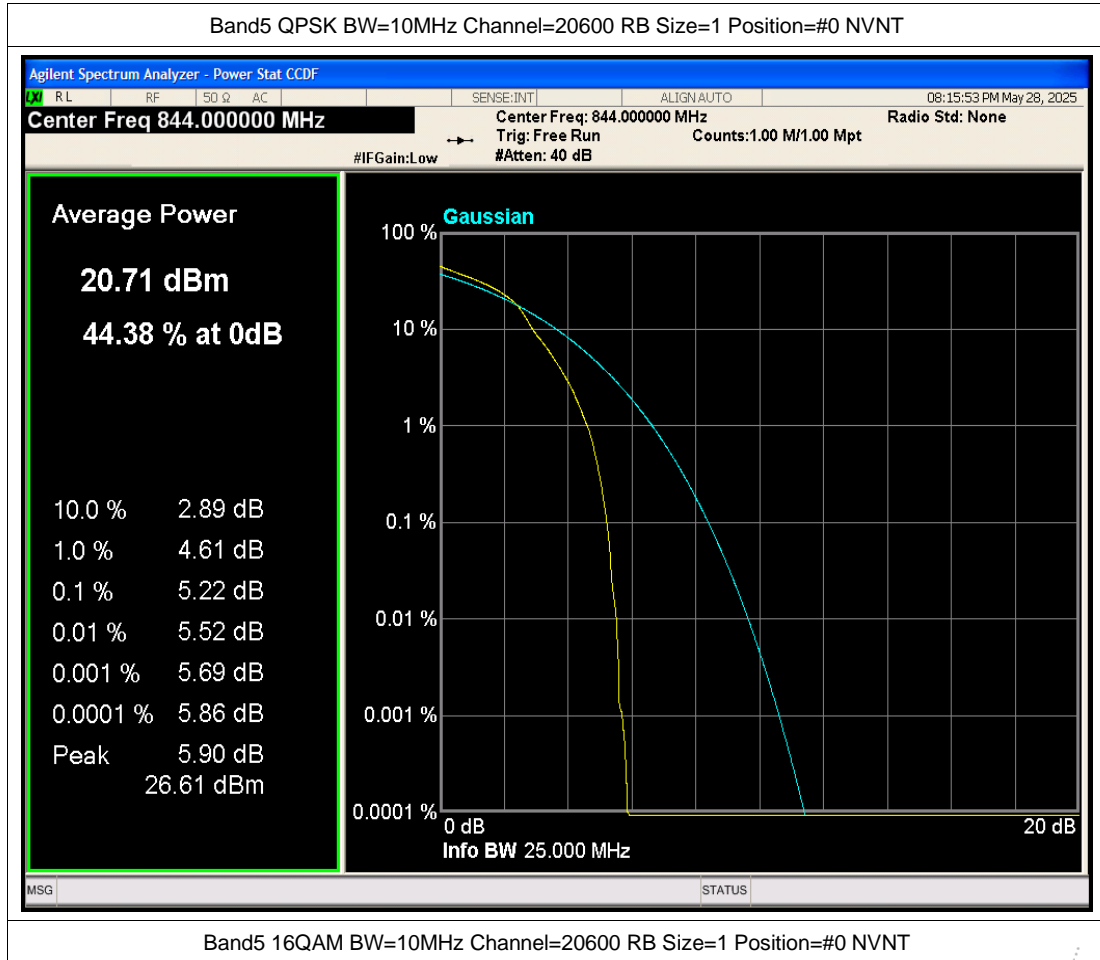
Band5 QPSK BW=10MHz Channel=20525 RB Size=1 Position=#0 NVNT





Band5 16QAM BW=10MHz Channel=20525 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	Band5	1.4	20407	6	#0	QPSK	1.099	1.266	PASS
NVNT	Band5	1.4	20407	6	#0	16QAM	1.101	1.258	PASS
NVNT	Band5	1.4	20525	6	#0	QPSK	1.102	1.300	PASS
NVNT	Band5	1.4	20525	6	#0	16QAM	1.094	1.285	PASS
NVNT	Band5	1.4	20643	6	#0	QPSK	1.103	1.252	PASS
NVNT	Band5	1.4	20643	6	#0	16QAM	1.102	1.251	PASS
NVNT	Band5	3	20415	15	#0	QPSK	2.717	3.170	PASS
NVNT	Band5	3	20415	15	#0	16QAM	2.705	3.015	PASS
NVNT	Band5	3	20525	15	#0	QPSK	2.704	3.014	PASS
NVNT	Band5	3	20525	15	#0	16QAM	2.708	3.172	PASS
NVNT	Band5	3	20635	15	#0	QPSK	2.720	3.029	PASS
NVNT	Band5	3	20635	15	#0	16QAM	2.708	3.092	PASS
NVNT	Band5	5	20425	25	#0	QPSK	4.524	5.123	PASS
NVNT	Band5	5	20425	25	#0	16QAM	4.516	5.315	PASS
NVNT	Band5	5	20525	25	#0	QPSK	4.520	5.065	PASS