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

Condition	Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Gain (dBm)	EIRP (dBm)	Verdict
NVNT	Band4	1.4	19957	1	#0	QPSK	23.70	0.48	24.18	PASS
NVNT	Band4	1.4	19957	1	#Mid	QPSK	23.76	0.48	24.24	PASS
NVNT	Band4	1.4	19957	1	#Max	QPSK	23.70	0.48	24.18	PASS
NVNT	Band4	1.4	19957	3	#0	QPSK	23.63	0.48	24.11	PASS
NVNT	Band4	1.4	19957	3	#Mid	QPSK	23.59	0.48	24.07	PASS
NVNT	Band4	1.4	19957	3	#Max	QPSK	23.64	0.48	24.12	PASS
NVNT	Band4	1.4	19957	6	#0	QPSK	22.57	0.48	23.05	PASS
NVNT	Band4	1.4	19957	1	#0	16QAM	22.45	0.48	22.93	PASS
NVNT	Band4	1.4	19957	1	#Mid	16QAM	22.43	0.48	22.91	PASS
NVNT	Band4	1.4	19957	1	#Max	16QAM	22.42	0.48	22.90	PASS
NVNT	Band4	1.4	19957	3	#0	16QAM	22.76	0.48	23.24	PASS
NVNT	Band4	1.4	19957	3	#Mid	16QAM	22.87	0.48	23.35	PASS
NVNT	Band4	1.4	19957	3	#Max	16QAM	22.83	0.48	23.31	PASS
NVNT	Band4	1.4	19957	6	#0	16QAM	21.78	0.48	22.26	PASS
NVNT	Band4	1.4	20175	1	#0	QPSK	23.32	0.48	23.80	PASS
NVNT	Band4	1.4	20175	1	#Mid	QPSK	23.32	0.48	23.80	PASS
NVNT	Band4	1.4	20175	1	#Max	QPSK	23.33	0.48	23.81	PASS
NVNT	Band4	1.4	20175	3	#0	QPSK	23.39	0.48	23.87	PASS
NVNT	Band4	1.4	20175	3	#Mid	QPSK	23.43	0.48	23.91	PASS
NVNT	Band4	1.4	20175	3	#Max	QPSK	23.37	0.48	23.85	PASS
NVNT	Band4	1.4	20175	6	#0	QPSK	22.41	0.48	22.89	PASS
NVNT	Band4	1.4	20175	1	#0	16QAM	21.37	0.48	21.85	PASS
NVNT	Band4	1.4	20175	1	#Mid	16QAM	21.44	0.48	21.92	PASS
NVNT	Band4	1.4	20175	1	#Max	16QAM	21.45	0.48	21.93	PASS
NVNT	Band4	1.4	20175	3	#0	16QAM	22.38	0.48	22.86	PASS
NVNT	Band4	1.4	20175	3	#Mid	16QAM	22.42	0.48	22.90	PASS
NVNT	Band4	1.4	20175	3	#Max	16QAM	22.48	0.48	22.96	PASS
NVNT	Band4	1.4	20175	6	#0	16QAM	21.52	0.48	22.00	PASS
NVNT	Band4	1.4	20393	1	#0	QPSK	23.88	0.48	24.36	PASS
NVNT	Band4	1.4	20393	1	#Mid	QPSK	23.91	0.48	24.39	PASS
NVNT	Band4	1.4	20393	1	#Max	QPSK	23.84	0.48	24.32	PASS
NVNT	Band4	1.4	20393	3	#0	QPSK	23.52	0.48	24.00	PASS
NVNT	Band4	1.4	20393	3	#Mid	QPSK	23.58	0.48	24.06	PASS
NVNT	Band4	1.4	20393	3	#Max	QPSK	23.64	0.48	24.12	PASS
NVNT	Band4	1.4	20393	6	#0	QPSK	22.54	0.48	23.02	PASS
NVNT	Band4	1.4	20393	1	#0	16QAM	22.03	0.48	22.51	PASS
NVNT	Band4	1.4	20393	1	#Mid	16QAM	22.02	0.48	22.50	PASS

NVNT	Band4	1.4	20393	1	#Max	16QAM	22.05	0.48	22.53	PASS
NVNT	Band4	1.4	20393	3	#0	16QAM	22.96	0.48	23.44	PASS
NVNT	Band4	1.4	20393	3	#Mid	16QAM	22.87	0.48	23.35	PASS
NVNT	Band4	1.4	20393	3	#Max	16QAM	22.87	0.48	23.35	PASS
NVNT	Band4	1.4	20393	6	#0	16QAM	21.67	0.48	22.15	PASS
NVNT	Band4	3	19965	1	#0	QPSK	23.64	0.48	24.12	PASS
NVNT	Band4	3	19965	1	#Mid	QPSK	23.59	0.48	24.07	PASS
NVNT	Band4	3	19965	1	#Max	QPSK	23.43	0.48	23.91	PASS
NVNT	Band4	3	19965	8	#0	QPSK	22.60	0.48	23.08	PASS
NVNT	Band4	3	19965	8	#Mid	QPSK	22.51	0.48	22.99	PASS
NVNT	Band4	3	19965	8	#Max	QPSK	22.37	0.48	22.85	PASS
NVNT	Band4	3	19965	15	#0	QPSK	22.59	0.48	23.07	PASS
NVNT	Band4	3	19965	1	#0	16QAM	22.60	0.48	23.08	PASS
NVNT	Band4	3	19965	1	#Mid	16QAM	22.59	0.48	23.07	PASS
NVNT	Band4	3	19965	1	#Max	16QAM	22.43	0.48	22.91	PASS
NVNT	Band4	3	19965	8	#0	16QAM	21.49	0.48	21.97	PASS
NVNT	Band4	3	19965	8	#Mid	16QAM	21.40	0.48	21.88	PASS
NVNT	Band4	3	19965	8	#Max	16QAM	21.58	0.48	22.06	PASS
NVNT	Band4	3	19965	15	#0	16QAM	21.67	0.48	22.15	PASS
NVNT	Band4	3	20175	1	#0	QPSK	23.31	0.48	23.79	PASS
NVNT	Band4	3	20175	1	#Mid	QPSK	23.28	0.48	23.76	PASS
NVNT	Band4	3	20175	1	#Max	QPSK	23.31	0.48	23.79	PASS
NVNT	Band4	3	20175	8	#0	QPSK	22.38	0.48	22.86	PASS
NVNT	Band4	3	20175	8	#Mid	QPSK	22.42	0.48	22.90	PASS
NVNT	Band4	3	20175	8	#Max	QPSK	22.40	0.48	22.88	PASS
NVNT	Band4	3	20175	15	#0	QPSK	22.42	0.48	22.90	PASS
NVNT	Band4	3	20175	1	#0	16QAM	21.89	0.48	22.37	PASS
NVNT	Band4	3	20175	1	#Mid	16QAM	21.99	0.48	22.47	PASS
NVNT	Band4	3	20175	1	#Max	16QAM	22.03	0.48	22.51	PASS
NVNT	Band4	3	20175	8	#0	16QAM	21.53	0.48	22.01	PASS
NVNT	Band4	3	20175	8	#Mid	16QAM	21.58	0.48	22.06	PASS
NVNT	Band4	3	20175	8	#Max	16QAM	21.58	0.48	22.06	PASS
NVNT	Band4	3	20175	15	#0	16QAM	21.41	0.48	21.89	PASS
NVNT	Band4	3	20385	1	#0	QPSK	23.91	0.48	24.39	PASS
NVNT	Band4	3	20385	1	#Mid	QPSK	23.86	0.48	24.34	PASS
NVNT	Band4	3	20385	1	#Max	QPSK	23.76	0.48	24.24	PASS
NVNT	Band4	3	20385	8	#0	QPSK	22.70	0.48	23.18	PASS
NVNT	Band4	3	20385	8	#Mid	QPSK	22.63	0.48	23.11	PASS
NVNT	Band4	3	20385	8	#Max	QPSK	22.57	0.48	23.05	PASS
NVNT	Band4	3	20385	15	#0	QPSK	22.60	0.48	23.08	PASS
NVNT	Band4	3	20385	1	#0	16QAM	22.08	0.48	22.56	PASS
NVNT	Band4	3	20385	1	#Mid	16QAM	21.97	0.48	22.45	PASS
NVNT	Band4	3	20385	1	#Max	16QAM	21.99	0.48	22.47	PASS
NVNT	Band4	3	20385	8	#0	16QAM	21.57	0.48	22.05	PASS

NVNT	Band4	3	20385	8	#Mid	16QAM	21.58	0.48	22.06	PASS
NVNT	Band4	3	20385	8	#Max	16QAM	21.57	0.48	22.05	PASS
NVNT	Band4	3	20385	15	#0	16QAM	21.54	0.48	22.02	PASS
NVNT	Band4	5	19975	1	#0	QPSK	23.63	0.48	24.11	PASS
NVNT	Band4	5	19975	1	#Mid	QPSK	23.39	0.48	23.87	PASS
NVNT	Band4	5	19975	1	#Max	QPSK	23.42	0.48	23.90	PASS
NVNT	Band4	5	19975	12	#0	QPSK	22.64	0.48	23.12	PASS
NVNT	Band4	5	19975	12	#Mid	QPSK	22.43	0.48	22.91	PASS
NVNT	Band4	5	19975	12	#Max	QPSK	22.38	0.48	22.86	PASS
NVNT	Band4	5	19975	25	#0	QPSK	22.42	0.48	22.90	PASS
NVNT	Band4	5	19975	1	#0	16QAM	21.66	0.48	22.14	PASS
NVNT	Band4	5	19975	1	#Mid	16QAM	21.55	0.48	22.03	PASS
NVNT	Band4	5	19975	1	#Max	16QAM	21.49	0.48	21.97	PASS
NVNT	Band4	5	19975	12	#0	16QAM	21.49	0.48	21.97	PASS
NVNT	Band4	5	19975	12	#Mid	16QAM	21.66	0.48	22.14	PASS
NVNT	Band4	5	19975	12	#Max	16QAM	21.65	0.48	22.13	PASS
NVNT	Band4	5	19975	25	#0	16QAM	21.85	0.48	22.33	PASS
NVNT	Band4	5	20175	1	#0	QPSK	23.41	0.48	23.89	PASS
NVNT	Band4	5	20175	1	#Mid	QPSK	23.43	0.48	23.91	PASS
NVNT	Band4	5	20175	1	#Max	QPSK	23.52	0.48	24.00	PASS
NVNT	Band4	5	20175	12	#0	QPSK	22.37	0.48	22.85	PASS
NVNT	Band4	5	20175	12	#Mid	QPSK	22.44	0.48	22.92	PASS
NVNT	Band4	5	20175	12	#Max	QPSK	22.43	0.48	22.91	PASS
NVNT	Band4	5	20175	25	#0	QPSK	22.44	0.48	22.92	PASS
NVNT	Band4	5	20175	1	#0	16QAM	20.98	0.48	21.46	PASS
NVNT	Band4	5	20175	1	#Mid	16QAM	21.07	0.48	21.55	PASS
NVNT	Band4	5	20175	1	#Max	16QAM	21.03	0.48	21.51	PASS
NVNT	Band4	5	20175	12	#0	16QAM	21.20	0.48	21.68	PASS
NVNT	Band4	5	20175	12	#Mid	16QAM	21.27	0.48	21.75	PASS
NVNT	Band4	5	20175	12	#Max	16QAM	21.27	0.48	21.75	PASS
NVNT	Band4	5	20175	25	#0	16QAM	21.46	0.48	21.94	PASS
NVNT	Band4	5	20375	1	#0	QPSK	23.48	0.48	23.96	PASS
NVNT	Band4	5	20375	1	#Mid	QPSK	23.39	0.48	23.87	PASS
NVNT	Band4	5	20375	1	#Max	QPSK	23.32	0.48	23.80	PASS
NVNT	Band4	5	20375	12	#0	QPSK	22.60	0.48	23.08	PASS
NVNT	Band4	5	20375	12	#Mid	QPSK	22.61	0.48	23.09	PASS
NVNT	Band4	5	20375	12	#Max	QPSK	22.49	0.48	22.97	PASS
NVNT	Band4	5	20375	25	#0	QPSK	22.52	0.48	23.00	PASS
NVNT	Band4	5	20375	1	#0	16QAM	21.68	0.48	22.16	PASS
NVNT	Band4	5	20375	1	#Mid	16QAM	21.62	0.48	22.10	PASS
NVNT	Band4	5	20375	1	#Max	16QAM	21.60	0.48	22.08	PASS
NVNT	Band4	5	20375	12	#0	16QAM	21.47	0.48	21.95	PASS
NVNT	Band4	5	20375	12	#Mid	16QAM	21.43	0.48	21.91	PASS
NVNT	Band4	5	20375	12	#Max	16QAM	21.39	0.48	21.87	PASS

NVNT	Band4	5	20375	25	#0	16QAM	21.46	0.48	21.94	PASS
NVNT	Band4	10	20000	1	#0	QPSK	23.56	0.48	24.04	PASS
NVNT	Band4	10	20000	1	#Mid	QPSK	23.38	0.48	23.86	PASS
NVNT	Band4	10	20000	1	#Max	QPSK	23.26	0.48	23.74	PASS
NVNT	Band4	10	20000	25	#0	QPSK	22.41	0.48	22.89	PASS
NVNT	Band4	10	20000	25	#Mid	QPSK	22.51	0.48	22.99	PASS
NVNT	Band4	10	20000	25	#Max	QPSK	22.41	0.48	22.89	PASS
NVNT	Band4	10	20000	50	#0	QPSK	22.52	0.48	23.00	PASS
NVNT	Band4	10	20000	1	#0	16QAM	22.43	0.48	22.91	PASS
NVNT	Band4	10	20000	1	#Mid	16QAM	22.30	0.48	22.78	PASS
NVNT	Band4	10	20000	1	#Max	16QAM	22.31	0.48	22.79	PASS
NVNT	Band4	10	20000	25	#0	16QAM	21.74	0.48	22.22	PASS
NVNT	Band4	10	20000	25	#Mid	16QAM	21.38	0.48	21.86	PASS
NVNT	Band4	10	20000	25	#Max	16QAM	21.42	0.48	21.90	PASS
NVNT	Band4	10	20000	50	#0	16QAM	21.40	0.48	21.88	PASS
NVNT	Band4	10	20175	1	#0	QPSK	23.35	0.48	23.83	PASS
NVNT	Band4	10	20175	1	#Mid	QPSK	23.39	0.48	23.87	PASS
NVNT	Band4	10	20175	1	#Max	QPSK	23.40	0.48	23.88	PASS
NVNT	Band4	10	20175	25	#0	QPSK	22.37	0.48	22.85	PASS
NVNT	Band4	10	20175	25	#Mid	QPSK	22.38	0.48	22.86	PASS
NVNT	Band4	10	20175	25	#Max	QPSK	22.40	0.48	22.88	PASS
NVNT	Band4	10	20175	50	#0	QPSK	22.43	0.48	22.91	PASS
NVNT	Band4	10	20175	1	#0	16QAM	21.33	0.48	21.81	PASS
NVNT	Band4	10	20175	1	#Mid	16QAM	21.39	0.48	21.87	PASS
NVNT	Band4	10	20175	1	#Max	16QAM	21.42	0.48	21.90	PASS
NVNT	Band4	10	20175	25	#0	16QAM	21.38	0.48	21.86	PASS
NVNT	Band4	10	20175	25	#Mid	16QAM	21.41	0.48	21.89	PASS
NVNT	Band4	10	20175	25	#Max	16QAM	21.41	0.48	21.89	PASS
NVNT	Band4	10	20175	50	#0	16QAM	21.45	0.48	21.93	PASS
NVNT	Band4	10	20350	1	#0	QPSK	23.65	0.48	24.13	PASS
NVNT	Band4	10	20350	1	#Mid	QPSK	23.70	0.48	24.18	PASS
NVNT	Band4	10	20350	1	#Max	QPSK	23.64	0.48	24.12	PASS
NVNT	Band4	10	20350	25	#0	QPSK	22.60	0.48	23.08	PASS
NVNT	Band4	10	20350	25	#Mid	QPSK	22.63	0.48	23.11	PASS
NVNT	Band4	10	20350	25	#Max	QPSK	22.55	0.48	23.03	PASS
NVNT	Band4	10	20350	50	#0	QPSK	22.55	0.48	23.03	PASS
NVNT	Band4	10	20350	1	#0	16QAM	21.70	0.48	22.18	PASS
NVNT	Band4	10	20350	1	#Mid	16QAM	21.65	0.48	22.13	PASS
NVNT	Band4	10	20350	1	#Max	16QAM	21.64	0.48	22.12	PASS
NVNT	Band4	10	20350	25	#0	16QAM	21.64	0.48	22.12	PASS
NVNT	Band4	10	20350	25	#Mid	16QAM	21.51	0.48	21.99	PASS
NVNT	Band4	10	20350	25	#Max	16QAM	21.47	0.48	21.95	PASS
NVNT	Band4	10	20350	50	#0	16QAM	21.53	0.48	22.01	PASS
NVNT	Band4	15	20025	1	#0	QPSK	23.50	0.48	23.98	PASS

NVNT	Band4	15	20025	1	#Mid	QPSK	23.30	0.48	23.78	PASS
NVNT	Band4	15	20025	1	#Max	QPSK	23.20	0.48	23.68	PASS
NVNT	Band4	15	20025	36	#0	QPSK	22.49	0.48	22.97	PASS
NVNT	Band4	15	20025	36	#Mid	QPSK	22.40	0.48	22.88	PASS
NVNT	Band4	15	20025	36	#Max	QPSK	22.36	0.48	22.84	PASS
NVNT	Band4	15	20025	75	#0	QPSK	22.42	0.48	22.90	PASS
NVNT	Band4	15	20025	1	#0	16QAM	22.41	0.48	22.89	PASS
NVNT	Band4	15	20025	1	#Mid	16QAM	22.35	0.48	22.83	PASS
NVNT	Band4	15	20025	1	#Max	16QAM	22.21	0.48	22.69	PASS
NVNT	Band4	15	20025	36	#0	16QAM	21.48	0.48	21.96	PASS
NVNT	Band4	15	20025	36	#Mid	16QAM	21.47	0.48	21.95	PASS
NVNT	Band4	15	20025	36	#Max	16QAM	21.66	0.48	22.14	PASS
NVNT	Band4	15	20025	75	#0	16QAM	21.40	0.48	21.88	PASS
NVNT	Band4	15	20175	1	#0	QPSK	23.32	0.48	23.80	PASS
NVNT	Band4	15	20175	1	#Mid	QPSK	23.45	0.48	23.93	PASS
NVNT	Band4	15	20175	1	#Max	QPSK	23.54	0.48	24.02	PASS
NVNT	Band4	15	20175	36	#0	QPSK	22.42	0.48	22.90	PASS
NVNT	Band4	15	20175	36	#Mid	QPSK	22.42	0.48	22.90	PASS
NVNT	Band4	15	20175	36	#Max	QPSK	22.39	0.48	22.87	PASS
NVNT	Band4	15	20175	75	#0	QPSK	22.40	0.48	22.88	PASS
NVNT	Band4	15	20175	1	#0	16QAM	21.28	0.48	21.76	PASS
NVNT	Band4	15	20175	1	#Mid	16QAM	21.37	0.48	21.85	PASS
NVNT	Band4	15	20175	1	#Max	16QAM	21.49	0.48	21.97	PASS
NVNT	Band4	15	20175	36	#0	16QAM	21.42	0.48	21.90	PASS
NVNT	Band4	15	20175	36	#Mid	16QAM	21.48	0.48	21.96	PASS
NVNT	Band4	15	20175	36	#Max	16QAM	21.55	0.48	22.03	PASS
NVNT	Band4	15	20175	75	#0	16QAM	21.38	0.48	21.86	PASS
NVNT	Band4	15	20325	1	#0	QPSK	23.70	0.48	24.18	PASS
NVNT	Band4	15	20325	1	#Mid	QPSK	23.74	0.48	24.22	PASS
NVNT	Band4	15	20325	1	#Max	QPSK	23.67	0.48	24.15	PASS
NVNT	Band4	15	20325	36	#0	QPSK	22.68	0.48	23.16	PASS
NVNT	Band4	15	20325	36	#Mid	QPSK	22.52	0.48	23.00	PASS
NVNT	Band4	15	20325	36	#Max	QPSK	22.58	0.48	23.06	PASS
NVNT	Band4	15	20325	75	#0	QPSK	22.46	0.48	22.94	PASS
NVNT	Band4	15	20325	1	#0	16QAM	22.14	0.48	22.62	PASS
NVNT	Band4	15	20325	1	#Mid	16QAM	22.08	0.48	22.56	PASS
NVNT	Band4	15	20325	1	#Max	16QAM	22.05	0.48	22.53	PASS
NVNT	Band4	15	20325	36	#0	16QAM	21.53	0.48	22.01	PASS
NVNT	Band4	15	20325	36	#Mid	16QAM	21.51	0.48	21.99	PASS
NVNT	Band4	15	20325	36	#Max	16QAM	21.45	0.48	21.93	PASS
NVNT	Band4	15	20325	75	#0	16QAM	21.61	0.48	22.09	PASS
NVNT	Band4	20	20050	1	#0	QPSK	23.71	0.48	24.19	PASS
NVNT	Band4	20	20050	1	#Mid	QPSK	23.45	0.48	23.93	PASS
NVNT	Band4	20	20050	1	#Max	QPSK	23.49	0.48	23.97	PASS

NVNT	Band4	20	20050	50	#0	QPSK	22.40	0.48	22.88	PASS
NVNT	Band4	20	20050	50	#Mid	QPSK	22.39	0.48	22.87	PASS
NVNT	Band4	20	20050	50	#Max	QPSK	22.30	0.48	22.78	PASS
NVNT	Band4	20	20050	100	#0	QPSK	22.40	0.48	22.88	PASS
NVNT	Band4	20	20050	1	#0	16QAM	21.57	0.48	22.05	PASS
NVNT	Band4	20	20050	1	#Mid	16QAM	21.42	0.48	21.90	PASS
NVNT	Band4	20	20050	1	#Max	16QAM	21.39	0.48	21.87	PASS
NVNT	Band4	20	20050	50	#0	16QAM	21.48	0.48	21.96	PASS
NVNT	Band4	20	20050	50	#Mid	16QAM	21.50	0.48	21.98	PASS
NVNT	Band4	20	20050	50	#Max	16QAM	21.41	0.48	21.89	PASS
NVNT	Band4	20	20050	100	#0	16QAM	21.32	0.48	21.80	PASS
NVNT	Band4	20	20175	1	#0	QPSK	23.33	0.48	23.81	PASS
NVNT	Band4	20	20175	1	#Mid	QPSK	23.41	0.48	23.89	PASS
NVNT	Band4	20	20175	1	#Max	QPSK	23.59	0.48	24.07	PASS
NVNT	Band4	20	20175	50	#0	QPSK	22.36	0.48	22.84	PASS
NVNT	Band4	20	20175	50	#Mid	QPSK	22.49	0.48	22.97	PASS
NVNT	Band4	20	20175	50	#Max	QPSK	22.50	0.48	22.98	PASS
NVNT	Band4	20	20175	100	#0	QPSK	22.40	0.48	22.88	PASS
NVNT	Band4	20	20175	1	#0	16QAM	21.31	0.48	21.79	PASS
NVNT	Band4	20	20175	1	#Mid	16QAM	21.50	0.48	21.98	PASS
NVNT	Band4	20	20175	1	#Max	16QAM	21.63	0.48	22.11	PASS
NVNT	Band4	20	20175	50	#0	16QAM	21.37	0.48	21.85	PASS
NVNT	Band4	20	20175	50	#Mid	16QAM	21.40	0.48	21.88	PASS
NVNT	Band4	20	20175	50	#Max	16QAM	21.49	0.48	21.97	PASS
NVNT	Band4	20	20175	100	#0	16QAM	21.35	0.48	21.83	PASS
NVNT	Band4	20	20300	1	#0	QPSK	23.52	0.48	24.00	PASS
NVNT	Band4	20	20300	1	#Mid	QPSK	23.77	0.48	24.25	PASS
NVNT	Band4	20	20300	1	#Max	QPSK	23.67	0.48	24.15	PASS
NVNT	Band4	20	20300	50	#0	QPSK	22.52	0.48	23.00	PASS
NVNT	Band4	20	20300	50	#Mid	QPSK	22.71	0.48	23.19	PASS
NVNT	Band4	20	20300	50	#Max	QPSK	22.61	0.48	23.09	PASS
NVNT	Band4	20	20300	100	#0	QPSK	22.59	0.48	23.07	PASS
NVNT	Band4	20	20300	1	#0	16QAM	21.63	0.48	22.11	PASS
NVNT	Band4	20	20300	1	#Mid	16QAM	21.84	0.48	22.32	PASS
NVNT	Band4	20	20300	1	#Max	16QAM	21.82	0.48	22.30	PASS
NVNT	Band4	20	20300	50	#0	16QAM	21.74	0.48	22.22	PASS
NVNT	Band4	20	20300	50	#Mid	16QAM	21.63	0.48	22.11	PASS
NVNT	Band4	20	20300	50	#Max	16QAM	21.55	0.48	22.03	PASS
NVNT	Band4	20	20300	100	#0	16QAM	21.63	0.48	22.11	PASS

Appendix 2.Frequency stability

Condition	Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Voltage (Vdc)	Temperature (C)	Result (Hz)	Result (ppm)	Verdict
NVNT	Band 4	1.4	19957	6	#0	QPSK	LV	NT	9.53	0.006	PASS
NVNT	Band 4	1.4	19957	6	#0	QPSK	NV	NT	-12.76	-0.007	PASS
NVNT	Band 4	1.4	19957	6	#0	QPSK	HV	NT	-36.92	-0.022	PASS
NVNT	Band 4	1.4	19957	6	#0	16QAM	LV	NT	-19.74	-0.012	PASS
NVNT	Band 4	1.4	19957	6	#0	16QAM	NV	NT	-34.89	-0.020	PASS
NVNT	Band 4	1.4	19957	6	#0	16QAM	HV	NT	-9.26	-0.005	PASS
NVNT	Band 4	1.4	20175	6	#0	QPSK	LV	NT	-2.27	-0.001	PASS
NVNT	Band 4	1.4	20175	6	#0	QPSK	NV	NT	-1.92	-0.001	PASS
NVNT	Band 4	1.4	20175	6	#0	QPSK	HV	NT	-4.58	-0.003	PASS
NVNT	Band 4	1.4	20175	6	#0	16QAM	LV	NT	-7.81	-0.005	PASS
NVNT	Band 4	1.4	20175	6	#0	16QAM	NV	NT	-10.00	-0.006	PASS
NVNT	Band 4	1.4	20175	6	#0	16QAM	HV	NT	-7.40	-0.004	PASS
NVNT	Band 4	1.4	20393	6	#0	QPSK	LV	NT	7.50	0.004	PASS
NVNT	Band 4	1.4	20393	6	#0	QPSK	NV	NT	-4.23	-0.002	PASS
NVNT	Band 4	1.4	20393	6	#0	QPSK	HV	NT	-13.36	-0.008	PASS
NVNT	Band 4	1.4	20393	6	#0	16QAM	LV	NT	-24.52	-0.014	PASS
NVNT	Band 4	1.4	20393	6	#0	16QAM	NV	NT	-30.36	-0.017	PASS
NVNT	Band 4	1.4	20393	6	#0	16QAM	HV	NT	-31.87	-0.018	PASS
NVNT	Band 4	3	19965	15	#0	QPSK	LV	NT	28.95	0.017	PASS
NVNT	Band	3	19965	15	#0	QPSK	NV	NT	-0.31	0.000	PASS

	4										
NVNT	Band 4	3	19965	15	#0	QPSK	HV	NT	-31.34	-0.018	PASS
NVNT	Band 4	3	19965	15	#0	16QAM	LV	NT	-37.97	-0.022	PASS
NVNT	Band 4	3	19965	15	#0	16QAM	NV	NT	-20.74	-0.012	PASS
NVNT	Band 4	3	19965	15	#0	16QAM	HV	NT	-27.52	-0.016	PASS
NVNT	Band 4	3	20175	15	#0	QPSK	LV	NT	-2.53	-0.001	PASS
NVNT	Band 4	3	20175	15	#0	QPSK	NV	NT	-4.86	-0.003	PASS
NVNT	Band 4	3	20175	15	#0	QPSK	HV	NT	-11.97	-0.007	PASS
NVNT	Band 4	3	20175	15	#0	16QAM	LV	NT	-15.21	-0.009	PASS
NVNT	Band 4	3	20175	15	#0	16QAM	NV	NT	-19.61	-0.011	PASS
NVNT	Band 4	3	20175	15	#0	16QAM	HV	NT	-19.38	-0.011	PASS
NVNT	Band 4	3	20385	15	#0	QPSK	LV	NT	10.43	0.006	PASS
NVNT	Band 4	3	20385	15	#0	QPSK	NV	NT	-1.10	-0.001	PASS
NVNT	Band 4	3	20385	15	#0	QPSK	HV	NT	-16.04	-0.009	PASS
NVNT	Band 4	3	20385	15	#0	16QAM	LV	NT	-26.94	-0.015	PASS
NVNT	Band 4	3	20385	15	#0	16QAM	NV	NT	-32.56	-0.019	PASS
NVNT	Band 4	3	20385	15	#0	16QAM	HV	NT	-0.47	0.000	PASS
NVNT	Band 4	5	19975	25	#0	QPSK	LV	NT	26.74	0.016	PASS
NVNT	Band 4	5	19975	25	#0	QPSK	NV	NT	-12.60	-0.007	PASS
NVNT	Band 4	5	19975	25	#0	QPSK	HV	NT	-20.66	-0.012	PASS
NVNT	Band 4	5	19975	25	#0	16QAM	LV	NT	1.17	0.001	PASS
NVNT	Band 4	5	19975	25	#0	16QAM	NV	NT	-18.11	-0.011	PASS
NVNT	Band	5	19975	25	#0	16QAM	HV	NT	-20.64	-0.012	PASS

	4										
NVNT	Band 4	5	20175	25	#0	QPSK	LV	NT	3.45	0.002	PASS
NVNT	Band 4	5	20175	25	#0	QPSK	NV	NT	3.13	0.002	PASS
NVNT	Band 4	5	20175	25	#0	QPSK	HV	NT	-0.69	0.000	PASS
NVNT	Band 4	5	20175	25	#0	16QAM	LV	NT	-5.06	-0.003	PASS
NVNT	Band 4	5	20175	25	#0	16QAM	NV	NT	-8.21	-0.005	PASS
NVNT	Band 4	5	20175	25	#0	16QAM	HV	NT	-6.62	-0.004	PASS
NVNT	Band 4	5	20375	25	#0	QPSK	LV	NT	19.44	0.011	PASS
NVNT	Band 4	5	20375	25	#0	QPSK	NV	NT	6.54	0.004	PASS
NVNT	Band 4	5	20375	25	#0	QPSK	HV	NT	-6.64	-0.004	PASS
NVNT	Band 4	5	20375	25	#0	16QAM	LV	NT	-18.01	-0.010	PASS
NVNT	Band 4	5	20375	25	#0	16QAM	NV	NT	-21.99	-0.013	PASS
NVNT	Band 4	5	20375	25	#0	16QAM	HV	NT	-23.46	-0.013	PASS
NVNT	Band 4	10	20000	50	#0	QPSK	LV	NT	10.84	0.006	PASS
NVNT	Band 4	10	20000	50	#0	QPSK	NV	NT	-25.85	-0.015	PASS
NVNT	Band 4	10	20000	50	#0	QPSK	HV	NT	-29.90	-0.017	PASS
NVNT	Band 4	10	20000	50	#0	16QAM	LV	NT	-26.89	-0.016	PASS
NVNT	Band 4	10	20000	50	#0	16QAM	NV	NT	-45.85	-0.027	PASS
NVNT	Band 4	10	20000	50	#0	16QAM	HV	NT	-7.42	-0.004	PASS
NVNT	Band 4	10	20175	50	#0	QPSK	LV	NT	0.40	0.000	PASS
NVNT	Band 4	10	20175	50	#0	QPSK	NV	NT	-2.03	-0.001	PASS
NVNT	Band 4	10	20175	50	#0	QPSK	HV	NT	-11.32	-0.007	PASS
NVNT	Band	10	20175	50	#0	16QAM	LV	NT	-18.94	-0.011	PASS

	4										
NVNT	Band 4	10	20175	50	#0	16QAM	NV	NT	-24.96	-0.014	PASS
NVNT	Band 4	10	20175	50	#0	16QAM	HV	NT	-29.98	-0.017	PASS
NVNT	Band 4	10	20350	50	#0	QPSK	LV	NT	2.30	0.001	PASS
NVNT	Band 4	10	20350	50	#0	QPSK	NV	NT	-12.03	-0.007	PASS
NVNT	Band 4	10	20350	50	#0	QPSK	HV	NT	-29.61	-0.017	PASS
NVNT	Band 4	10	20350	50	#0	16QAM	LV	NT	-41.63	-0.024	PASS
NVNT	Band 4	10	20350	50	#0	16QAM	NV	NT	-8.53	-0.005	PASS
NVNT	Band 4	10	20350	50	#0	16QAM	HV	NT	-7.17	-0.004	PASS
NVNT	Band 4	15	20025	75	#0	QPSK	LV	NT	23.19	0.014	PASS
NVNT	Band 4	15	20025	75	#0	QPSK	NV	NT	-31.41	-0.018	PASS
NVNT	Band 4	15	20025	75	#0	QPSK	HV	NT	-7.08	-0.004	PASS
NVNT	Band 4	15	20025	75	#0	16QAM	LV	NT	-17.05	-0.010	PASS
NVNT	Band 4	15	20025	75	#0	16QAM	NV	NT	-25.89	-0.015	PASS
NVNT	Band 4	15	20025	75	#0	16QAM	HV	NT	-35.95	-0.021	PASS
NVNT	Band 4	15	20175	75	#0	QPSK	LV	NT	13.49	0.008	PASS
NVNT	Band 4	15	20175	75	#0	QPSK	NV	NT	4.09	0.002	PASS
NVNT	Band 4	15	20175	75	#0	QPSK	HV	NT	-0.64	0.000	PASS
NVNT	Band 4	15	20175	75	#0	16QAM	LV	NT	-8.65	-0.005	PASS
NVNT	Band 4	15	20175	75	#0	16QAM	NV	NT	-4.76	-0.003	PASS
NVNT	Band 4	15	20175	75	#0	16QAM	HV	NT	-4.49	-0.003	PASS
NVNT	Band 4	15	20325	75	#0	QPSK	LV	NT	9.77	0.006	PASS
NVNT	Band	15	20325	75	#0	QPSK	NV	NT	-8.57	-0.005	PASS

	4										
NVNT	Band 4	15	20325	75	#0	QPSK	HV	NT	-26.02	-0.015	PASS
NVNT	Band 4	15	20325	75	#0	16QAM	LV	NT	-36.75	-0.021	PASS
NVNT	Band 4	15	20325	75	#0	16QAM	NV	NT	-36.01	-0.021	PASS
NVNT	Band 4	15	20325	75	#0	16QAM	HV	NT	-33.90	-0.019	PASS
NVNT	Band 4	20	20050	100	#0	QPSK	LV	NT	6.51	0.004	PASS
NVNT	Band 4	20	20050	100	#0	QPSK	NV	NT	-8.43	-0.005	PASS
NVNT	Band 4	20	20050	100	#0	QPSK	HV	NT	-17.02	-0.010	PASS
NVNT	Band 4	20	20050	100	#0	16QAM	LV	NT	-31.53	-0.018	PASS
NVNT	Band 4	20	20050	100	#0	16QAM	NV	NT	-8.87	-0.005	PASS
NVNT	Band 4	20	20050	100	#0	16QAM	HV	NT	-17.50	-0.010	PASS
NVNT	Band 4	20	20175	100	#0	QPSK	LV	NT	1.82	0.001	PASS
NVNT	Band 4	20	20175	100	#0	QPSK	NV	NT	-4.55	-0.003	PASS
NVNT	Band 4	20	20175	100	#0	QPSK	HV	NT	-16.28	-0.009	PASS
NVNT	Band 4	20	20175	100	#0	16QAM	LV	NT	-22.60	-0.013	PASS
NVNT	Band 4	20	20175	100	#0	16QAM	NV	NT	-24.55	-0.014	PASS
NVNT	Band 4	20	20175	100	#0	16QAM	HV	NT	-21.63	-0.012	PASS
NVNT	Band 4	20	20300	100	#0	QPSK	LV	NT	4.99	0.003	PASS
NVNT	Band 4	20	20300	100	#0	QPSK	NV	NT	-13.45	-0.008	PASS
NVNT	Band 4	20	20300	100	#0	QPSK	HV	NT	-30.74	-0.018	PASS
NVNT	Band 4	20	20300	100	#0	16QAM	LV	NT	-3.19	-0.002	PASS
NVNT	Band 4	20	20300	100	#0	16QAM	NV	NT	-2.59	-0.001	PASS
NVNT	Band	20	20300	100	#0	16QAM	HV	NT	-1.80	-0.001	PASS

	4										
NVNT	Band 4	1.4	19957	6	#0	QPSK	NV	-30	-0.06	0.000	PASS
NVNT	Band 4	1.4	19957	6	#0	QPSK	NV	-20	-21.30	-0.012	PASS
NVNT	Band 4	1.4	19957	6	#0	QPSK	NV	0	-10.41	-0.006	PASS
NVNT	Band 4	1.4	19957	6	#0	QPSK	NV	10	-25.65	-0.015	PASS
NVNT	Band 4	1.4	19957	6	#0	QPSK	NV	20	-41.97	-0.025	PASS
NVNT	Band 4	1.4	19957	6	#0	QPSK	NV	30	-20.26	-0.012	PASS
NVNT	Band 4	1.4	19957	6	#0	QPSK	NV	40	-32.49	-0.019	PASS
NVNT	Band 4	1.4	19957	6	#0	QPSK	NV	50	-40.63	-0.024	PASS
NVNT	Band 4	1.4	19957	6	#0	16QAM	NV	-30	-0.14	0.000	PASS
NVNT	Band 4	1.4	19957	6	#0	16QAM	NV	-20	-4.76	-0.003	PASS
NVNT	Band 4	1.4	19957	6	#0	16QAM	NV	0	-8.50	-0.005	PASS
NVNT	Band 4	1.4	19957	6	#0	16QAM	NV	10	-8.40	-0.005	PASS
NVNT	Band 4	1.4	19957	6	#0	16QAM	NV	20	-9.14	-0.005	PASS
NVNT	Band 4	1.4	19957	6	#0	16QAM	NV	30	-8.97	-0.005	PASS
NVNT	Band 4	1.4	19957	6	#0	16QAM	NV	40	-12.16	-0.007	PASS
NVNT	Band 4	1.4	19957	6	#0	16QAM	NV	50	-14.10	-0.008	PASS
NVNT	Band 4	1.4	20175	6	#0	QPSK	NV	-30	19.00	0.011	PASS
NVNT	Band 4	1.4	20175	6	#0	QPSK	NV	-20	24.92	0.014	PASS
NVNT	Band 4	1.4	20175	6	#0	QPSK	NV	0	28.65	0.017	PASS
NVNT	Band 4	1.4	20175	6	#0	QPSK	NV	10	31.40	0.018	PASS
NVNT	Band 4	1.4	20175	6	#0	QPSK	NV	20	32.84	0.019	PASS
NVNT	Band	1.4	20175	6	#0	QPSK	NV	30	31.31	0.018	PASS

	4										
NVNT	Band 4	1.4	20175	6	#0	QPSK	NV	40	31.40	0.018	PASS
NVNT	Band 4	1.4	20175	6	#0	QPSK	NV	50	30.64	0.018	PASS
NVNT	Band 4	1.4	20175	6	#0	16QAM	NV	-30	31.96	0.018	PASS
NVNT	Band 4	1.4	20175	6	#0	16QAM	NV	-20	33.10	0.019	PASS
NVNT	Band 4	1.4	20175	6	#0	16QAM	NV	0	37.81	0.022	PASS
NVNT	Band 4	1.4	20175	6	#0	16QAM	NV	10	3.19	0.002	PASS
NVNT	Band 4	1.4	20175	6	#0	16QAM	NV	20	7.51	0.004	PASS
NVNT	Band 4	1.4	20175	6	#0	16QAM	NV	30	12.19	0.007	PASS
NVNT	Band 4	1.4	20175	6	#0	16QAM	NV	40	15.02	0.009	PASS
NVNT	Band 4	1.4	20175	6	#0	16QAM	NV	50	18.98	0.011	PASS
NVNT	Band 4	1.4	20393	6	#0	QPSK	NV	-30	14.05	0.008	PASS
NVNT	Band 4	1.4	20393	6	#0	QPSK	NV	-20	6.19	0.004	PASS
NVNT	Band 4	1.4	20393	6	#0	QPSK	NV	0	-2.12	-0.001	PASS
NVNT	Band 4	1.4	20393	6	#0	QPSK	NV	10	-10.91	-0.006	PASS
NVNT	Band 4	1.4	20393	6	#0	QPSK	NV	20	-15.49	-0.009	PASS
NVNT	Band 4	1.4	20393	6	#0	QPSK	NV	30	-20.51	-0.012	PASS
NVNT	Band 4	1.4	20393	6	#0	QPSK	NV	40	-26.11	-0.015	PASS
NVNT	Band 4	1.4	20393	6	#0	QPSK	NV	50	-28.25	-0.016	PASS
NVNT	Band 4	1.4	20393	6	#0	16QAM	NV	-30	-30.07	-0.017	PASS
NVNT	Band 4	1.4	20393	6	#0	16QAM	NV	-20	-32.43	-0.018	PASS
NVNT	Band 4	1.4	20393	6	#0	16QAM	NV	0	-29.28	-0.017	PASS
NVNT	Band	1.4	20393	6	#0	16QAM	NV	10	-29.87	-0.017	PASS

	4										
NVNT	Band 4	1.4	20393	6	#0	16QAM	NV	20	-27.87	-0.016	PASS
NVNT	Band 4	1.4	20393	6	#0	16QAM	NV	30	-27.62	-0.016	PASS
NVNT	Band 4	1.4	20393	6	#0	16QAM	NV	40	-25.91	-0.015	PASS
NVNT	Band 4	1.4	20393	6	#0	16QAM	NV	50	-25.51	-0.015	PASS
NVNT	Band 4	3	19965	15	#0	QPSK	NV	-30	4.52	0.003	PASS
NVNT	Band 4	3	19965	15	#0	QPSK	NV	-20	-24.68	-0.014	PASS
NVNT	Band 4	3	19965	15	#0	QPSK	NV	0	-18.53	-0.011	PASS
NVNT	Band 4	3	19965	15	#0	QPSK	NV	10	-12.20	-0.007	PASS
NVNT	Band 4	3	19965	15	#0	QPSK	NV	20	-35.91	-0.021	PASS
NVNT	Band 4	3	19965	15	#0	QPSK	NV	30	-9.41	-0.005	PASS
NVNT	Band 4	3	19965	15	#0	QPSK	NV	40	-29.93	-0.017	PASS
NVNT	Band 4	3	19965	15	#0	QPSK	NV	50	-31.81	-0.019	PASS
NVNT	Band 4	3	19965	15	#0	16QAM	NV	-30	-26.28	-0.015	PASS
NVNT	Band 4	3	19965	15	#0	16QAM	NV	-20	-36.56	-0.021	PASS
NVNT	Band 4	3	19965	15	#0	16QAM	NV	0	-7.20	-0.004	PASS
NVNT	Band 4	3	19965	15	#0	16QAM	NV	10	-15.22	-0.009	PASS
NVNT	Band 4	3	19965	15	#0	16QAM	NV	20	-22.13	-0.013	PASS
NVNT	Band 4	3	19965	15	#0	16QAM	NV	30	-27.85	-0.016	PASS
NVNT	Band 4	3	19965	15	#0	16QAM	NV	40	-35.89	-0.021	PASS
NVNT	Band 4	3	19965	15	#0	16QAM	NV	50	-40.90	-0.024	PASS
NVNT	Band 4	3	20175	15	#0	QPSK	NV	-30	18.00	0.010	PASS
NVNT	Band	3	20175	15	#0	QPSK	NV	-20	18.60	0.011	PASS

	4										
NVNT	Band 4	3	20175	15	#0	QPSK	NV	0	16.32	0.009	PASS
NVNT	Band 4	3	20175	15	#0	QPSK	NV	10	14.95	0.009	PASS
NVNT	Band 4	3	20175	15	#0	QPSK	NV	20	12.06	0.007	PASS
NVNT	Band 4	3	20175	15	#0	QPSK	NV	30	9.51	0.005	PASS
NVNT	Band 4	3	20175	15	#0	QPSK	NV	40	5.16	0.003	PASS
NVNT	Band 4	3	20175	15	#0	QPSK	NV	50	3.75	0.002	PASS
NVNT	Band 4	3	20175	15	#0	16QAM	NV	-30	0.41	0.000	PASS
NVNT	Band 4	3	20175	15	#0	16QAM	NV	-20	3.02	0.002	PASS
NVNT	Band 4	3	20175	15	#0	16QAM	NV	0	3.43	0.002	PASS
NVNT	Band 4	3	20175	15	#0	16QAM	NV	10	4.32	0.002	PASS
NVNT	Band 4	3	20175	15	#0	16QAM	NV	20	5.26	0.003	PASS
NVNT	Band 4	3	20175	15	#0	16QAM	NV	30	5.42	0.003	PASS
NVNT	Band 4	3	20175	15	#0	16QAM	NV	40	6.90	0.004	PASS
NVNT	Band 4	3	20175	15	#0	16QAM	NV	50	8.10	0.005	PASS
NVNT	Band 4	3	20385	15	#0	QPSK	NV	-30	-7.97	-0.005	PASS
NVNT	Band 4	3	20385	15	#0	QPSK	NV	-20	-21.06	-0.012	PASS
NVNT	Band 4	3	20385	15	#0	QPSK	NV	0	-33.63	-0.019	PASS
NVNT	Band 4	3	20385	15	#0	QPSK	NV	10	-38.32	-0.022	PASS
NVNT	Band 4	3	20385	15	#0	QPSK	NV	20	-44.47	-0.025	PASS
NVNT	Band 4	3	20385	15	#0	QPSK	NV	30	-11.19	-0.006	PASS
NVNT	Band 4	3	20385	15	#0	QPSK	NV	40	1.36	0.001	PASS
NVNT	Band	3	20385	15	#0	QPSK	NV	50	-2.68	-0.002	PASS

	4										
NVNT	Band 4	3	20385	15	#0	16QAM	NV	-30	-4.72	-0.003	PASS
NVNT	Band 4	3	20385	15	#0	16QAM	NV	-20	-3.13	-0.002	PASS
NVNT	Band 4	3	20385	15	#0	16QAM	NV	0	0.83	0.000	PASS
NVNT	Band 4	3	20385	15	#0	16QAM	NV	10	1.80	0.001	PASS
NVNT	Band 4	3	20385	15	#0	16QAM	NV	20	6.42	0.004	PASS
NVNT	Band 4	3	20385	15	#0	16QAM	NV	30	11.29	0.006	PASS
NVNT	Band 4	3	20385	15	#0	16QAM	NV	40	13.22	0.008	PASS
NVNT	Band 4	3	20385	15	#0	16QAM	NV	50	17.09	0.010	PASS
NVNT	Band 4	5	19975	25	#0	QPSK	NV	-30	0.79	0.000	PASS
NVNT	Band 4	5	19975	25	#0	QPSK	NV	-20	-34.38	-0.020	PASS
NVNT	Band 4	5	19975	25	#0	QPSK	NV	0	-13.22	-0.008	PASS
NVNT	Band 4	5	19975	25	#0	QPSK	NV	10	-29.47	-0.017	PASS
NVNT	Band 4	5	19975	25	#0	QPSK	NV	20	-19.15	-0.011	PASS
NVNT	Band 4	5	19975	25	#0	QPSK	NV	30	-33.92	-0.020	PASS
NVNT	Band 4	5	19975	25	#0	QPSK	NV	40	-9.70	-0.006	PASS
NVNT	Band 4	5	19975	25	#0	QPSK	NV	50	-25.91	-0.015	PASS
NVNT	Band 4	5	19975	25	#0	16QAM	NV	-30	-39.35	-0.023	PASS
NVNT	Band 4	5	19975	25	#0	16QAM	NV	-20	-10.39	-0.006	PASS
NVNT	Band 4	5	19975	25	#0	16QAM	NV	0	-13.13	-0.008	PASS
NVNT	Band 4	5	19975	25	#0	16QAM	NV	10	-12.50	-0.007	PASS
NVNT	Band 4	5	19975	25	#0	16QAM	NV	20	-15.54	-0.009	PASS
NVNT	Band	5	19975	25	#0	16QAM	NV	30	-19.58	-0.011	PASS

	4										
NVNT	Band 4	5	19975	25	#0	16QAM	NV	40	-20.36	-0.012	PASS
NVNT	Band 4	5	19975	25	#0	16QAM	NV	50	-24.10	-0.014	PASS
NVNT	Band 4	5	20175	25	#0	QPSK	NV	-30	17.98	0.010	PASS
NVNT	Band 4	5	20175	25	#0	QPSK	NV	-20	25.21	0.015	PASS
NVNT	Band 4	5	20175	25	#0	QPSK	NV	0	25.92	0.015	PASS
NVNT	Band 4	5	20175	25	#0	QPSK	NV	10	27.24	0.016	PASS
NVNT	Band 4	5	20175	25	#0	QPSK	NV	20	28.71	0.017	PASS
NVNT	Band 4	5	20175	25	#0	QPSK	NV	30	28.40	0.016	PASS
NVNT	Band 4	5	20175	25	#0	QPSK	NV	40	29.38	0.017	PASS
NVNT	Band 4	5	20175	25	#0	QPSK	NV	50	30.08	0.017	PASS
NVNT	Band 4	5	20175	25	#0	16QAM	NV	-30	27.95	0.016	PASS
NVNT	Band 4	5	20175	25	#0	16QAM	NV	-20	34.23	0.020	PASS
NVNT	Band 4	5	20175	25	#0	16QAM	NV	0	16.41	0.009	PASS
NVNT	Band 4	5	20175	25	#0	16QAM	NV	10	3.42	0.002	PASS
NVNT	Band 4	5	20175	25	#0	16QAM	NV	20	8.77	0.005	PASS
NVNT	Band 4	5	20175	25	#0	16QAM	NV	30	12.17	0.007	PASS
NVNT	Band 4	5	20175	25	#0	16QAM	NV	40	12.72	0.007	PASS
NVNT	Band 4	5	20175	25	#0	16QAM	NV	50	13.70	0.008	PASS
NVNT	Band 4	5	20375	25	#0	QPSK	NV	-30	6.72	0.004	PASS
NVNT	Band 4	5	20375	25	#0	QPSK	NV	-20	-5.08	-0.003	PASS
NVNT	Band 4	5	20375	25	#0	QPSK	NV	0	-15.59	-0.009	PASS
NVNT	Band	5	20375	25	#0	QPSK	NV	10	-24.83	-0.014	PASS

	4										
NVNT	Band 4	5	20375	25	#0	QPSK	NV	20	-30.07	-0.017	PASS
NVNT	Band 4	5	20375	25	#0	QPSK	NV	30	-35.89	-0.020	PASS
NVNT	Band 4	5	20375	25	#0	QPSK	NV	40	-39.37	-0.022	PASS
NVNT	Band 4	5	20375	25	#0	QPSK	NV	50	-41.24	-0.024	PASS
NVNT	Band 4	5	20375	25	#0	16QAM	NV	-30	3.12	0.002	PASS
NVNT	Band 4	5	20375	25	#0	16QAM	NV	-20	2.49	0.001	PASS
NVNT	Band 4	5	20375	25	#0	16QAM	NV	0	7.88	0.004	PASS
NVNT	Band 4	5	20375	25	#0	16QAM	NV	10	12.35	0.007	PASS
NVNT	Band 4	5	20375	25	#0	16QAM	NV	20	14.59	0.008	PASS
NVNT	Band 4	5	20375	25	#0	16QAM	NV	30	13.10	0.007	PASS
NVNT	Band 4	5	20375	25	#0	16QAM	NV	40	13.38	0.008	PASS
NVNT	Band 4	5	20375	25	#0	16QAM	NV	50	15.23	0.009	PASS
NVNT	Band 4	10	20000	50	#0	QPSK	NV	-30	-13.32	-0.008	PASS
NVNT	Band 4	10	20000	50	#0	QPSK	NV	-20	-20.74	-0.012	PASS
NVNT	Band 4	10	20000	50	#0	QPSK	NV	0	-13.99	-0.008	PASS
NVNT	Band 4	10	20000	50	#0	QPSK	NV	10	-21.24	-0.012	PASS
NVNT	Band 4	10	20000	50	#0	QPSK	NV	20	-12.85	-0.007	PASS
NVNT	Band 4	10	20000	50	#0	QPSK	NV	30	-24.89	-0.015	PASS
NVNT	Band 4	10	20000	50	#0	QPSK	NV	40	-3.18	-0.002	PASS
NVNT	Band 4	10	20000	50	#0	QPSK	NV	50	-21.07	-0.012	PASS
NVNT	Band 4	10	20000	50	#0	16QAM	NV	-30	-24.89	-0.015	PASS
NVNT	Band	10	20000	50	#0	16QAM	NV	-20	-5.72	-0.003	PASS

	4										
NVNT	Band 4	10	20000	50	#0	16QAM	NV	0	-12.09	-0.007	PASS
NVNT	Band 4	10	20000	50	#0	16QAM	NV	10	-18.50	-0.011	PASS
NVNT	Band 4	10	20000	50	#0	16QAM	NV	20	-24.02	-0.014	PASS
NVNT	Band 4	10	20000	50	#0	16QAM	NV	30	-32.37	-0.019	PASS
NVNT	Band 4	10	20000	50	#0	16QAM	NV	40	-4.06	-0.002	PASS
NVNT	Band 4	10	20000	50	#0	16QAM	NV	50	5.38	0.003	PASS
NVNT	Band 4	10	20175	50	#0	QPSK	NV	-30	17.14	0.010	PASS
NVNT	Band 4	10	20175	50	#0	QPSK	NV	-20	15.99	0.009	PASS
NVNT	Band 4	10	20175	50	#0	QPSK	NV	0	10.90	0.006	PASS
NVNT	Band 4	10	20175	50	#0	QPSK	NV	10	5.71	0.003	PASS
NVNT	Band 4	10	20175	50	#0	QPSK	NV	20	3.23	0.002	PASS
NVNT	Band 4	10	20175	50	#0	QPSK	NV	30	-0.33	0.000	PASS
NVNT	Band 4	10	20175	50	#0	QPSK	NV	40	-4.65	-0.003	PASS
NVNT	Band 4	10	20175	50	#0	QPSK	NV	50	-6.47	-0.004	PASS
NVNT	Band 4	10	20175	50	#0	16QAM	NV	-30	-10.50	-0.006	PASS
NVNT	Band 4	10	20175	50	#0	16QAM	NV	-20	-9.46	-0.005	PASS
NVNT	Band 4	10	20175	50	#0	16QAM	NV	0	-5.56	-0.003	PASS
NVNT	Band 4	10	20175	50	#0	16QAM	NV	10	-5.79	-0.003	PASS
NVNT	Band 4	10	20175	50	#0	16QAM	NV	20	-3.10	-0.002	PASS
NVNT	Band 4	10	20175	50	#0	16QAM	NV	30	-4.16	-0.002	PASS
NVNT	Band 4	10	20175	50	#0	16QAM	NV	40	-3.38	-0.002	PASS
NVNT	Band	10	20175	50	#0	16QAM	NV	50	-0.74	0.000	PASS

	4										
NVNT	Band 4	10	20350	50	#0	QPSK	NV	-30	3.02	0.002	PASS
NVNT	Band 4	10	20350	50	#0	QPSK	NV	-20	-14.08	-0.008	PASS
NVNT	Band 4	10	20350	50	#0	QPSK	NV	0	-28.78	-0.016	PASS
NVNT	Band 4	10	20350	50	#0	QPSK	NV	10	-36.13	-0.021	PASS
NVNT	Band 4	10	20350	50	#0	QPSK	NV	20	-40.38	-0.023	PASS
NVNT	Band 4	10	20350	50	#0	QPSK	NV	30	6.58	0.004	PASS
NVNT	Band 4	10	20350	50	#0	QPSK	NV	40	3.48	0.002	PASS
NVNT	Band 4	10	20350	50	#0	QPSK	NV	50	0.90	0.001	PASS
NVNT	Band 4	10	20350	50	#0	16QAM	NV	-30	1.04	0.001	PASS
NVNT	Band 4	10	20350	50	#0	16QAM	NV	-20	5.74	0.003	PASS
NVNT	Band 4	10	20350	50	#0	16QAM	NV	0	12.97	0.007	PASS
NVNT	Band 4	10	20350	50	#0	16QAM	NV	10	18.32	0.010	PASS
NVNT	Band 4	10	20350	50	#0	16QAM	NV	20	19.81	0.011	PASS
NVNT	Band 4	10	20350	50	#0	16QAM	NV	30	23.66	0.014	PASS
NVNT	Band 4	10	20350	50	#0	16QAM	NV	40	25.66	0.015	PASS
NVNT	Band 4	10	20350	50	#0	16QAM	NV	50	27.27	0.016	PASS
NVNT	Band 4	15	20025	75	#0	QPSK	NV	-30	-18.28	-0.011	PASS
NVNT	Band 4	15	20025	75	#0	QPSK	NV	-20	-20.43	-0.012	PASS
NVNT	Band 4	15	20025	75	#0	QPSK	NV	0	-18.04	-0.011	PASS
NVNT	Band 4	15	20025	75	#0	QPSK	NV	10	-43.59	-0.025	PASS
NVNT	Band 4	15	20025	75	#0	QPSK	NV	20	-12.35	-0.007	PASS
NVNT	Band	15	20025	75	#0	QPSK	NV	30	-17.24	-0.010	PASS

	4										
NVNT	Band 4	15	20025	75	#0	QPSK	NV	40	-3.02	-0.002	PASS
NVNT	Band 4	15	20025	75	#0	QPSK	NV	50	-16.14	-0.009	PASS
NVNT	Band 4	15	20025	75	#0	16QAM	NV	-30	-25.01	-0.015	PASS
NVNT	Band 4	15	20025	75	#0	16QAM	NV	-20	-23.96	-0.014	PASS
NVNT	Band 4	15	20025	75	#0	16QAM	NV	0	-23.73	-0.014	PASS
NVNT	Band 4	15	20025	75	#0	16QAM	NV	10	-20.67	-0.012	PASS
NVNT	Band 4	15	20025	75	#0	16QAM	NV	20	-20.71	-0.012	PASS
NVNT	Band 4	15	20025	75	#0	16QAM	NV	30	-22.16	-0.013	PASS
NVNT	Band 4	15	20025	75	#0	16QAM	NV	40	-24.13	-0.014	PASS
NVNT	Band 4	15	20025	75	#0	16QAM	NV	50	-25.58	-0.015	PASS
NVNT	Band 4	15	20175	75	#0	QPSK	NV	-30	24.76	0.014	PASS
NVNT	Band 4	15	20175	75	#0	QPSK	NV	-20	25.59	0.015	PASS
NVNT	Band 4	15	20175	75	#0	QPSK	NV	0	22.75	0.013	PASS
NVNT	Band 4	15	20175	75	#0	QPSK	NV	10	23.27	0.013	PASS
NVNT	Band 4	15	20175	75	#0	QPSK	NV	20	21.96	0.013	PASS
NVNT	Band 4	15	20175	75	#0	QPSK	NV	30	21.60	0.012	PASS
NVNT	Band 4	15	20175	75	#0	QPSK	NV	40	20.44	0.012	PASS
NVNT	Band 4	15	20175	75	#0	QPSK	NV	50	17.09	0.010	PASS
NVNT	Band 4	15	20175	75	#0	16QAM	NV	-30	18.88	0.011	PASS
NVNT	Band 4	15	20175	75	#0	16QAM	NV	-20	25.69	0.015	PASS
NVNT	Band 4	15	20175	75	#0	16QAM	NV	0	32.40	0.019	PASS
NVNT	Band	15	20175	75	#0	16QAM	NV	10	34.73	0.020	PASS

	4										
NVNT	Band 4	15	20175	75	#0	16QAM	NV	20	39.31	0.023	PASS
NVNT	Band 4	15	20175	75	#0	16QAM	NV	30	22.03	0.013	PASS
NVNT	Band 4	15	20175	75	#0	16QAM	NV	40	12.89	0.007	PASS
NVNT	Band 4	15	20175	75	#0	16QAM	NV	50	17.25	0.010	PASS
NVNT	Band 4	15	20325	75	#0	QPSK	NV	-30	20.81	0.012	PASS
NVNT	Band 4	15	20325	75	#0	QPSK	NV	-20	1.87	0.001	PASS
NVNT	Band 4	15	20325	75	#0	QPSK	NV	0	-11.70	-0.007	PASS
NVNT	Band 4	15	20325	75	#0	QPSK	NV	10	-20.89	-0.012	PASS
NVNT	Band 4	15	20325	75	#0	QPSK	NV	20	-26.21	-0.015	PASS
NVNT	Band 4	15	20325	75	#0	QPSK	NV	30	-28.44	-0.016	PASS
NVNT	Band 4	15	20325	75	#0	QPSK	NV	40	-34.79	-0.020	PASS
NVNT	Band 4	15	20325	75	#0	QPSK	NV	50	-36.05	-0.021	PASS
NVNT	Band 4	15	20325	75	#0	16QAM	NV	-30	-39.64	-0.023	PASS
NVNT	Band 4	15	20325	75	#0	16QAM	NV	-20	-32.32	-0.018	PASS
NVNT	Band 4	15	20325	75	#0	16QAM	NV	0	-24.92	-0.014	PASS
NVNT	Band 4	15	20325	75	#0	16QAM	NV	10	-24.78	-0.014	PASS
NVNT	Band 4	15	20325	75	#0	16QAM	NV	20	-19.00	-0.011	PASS
NVNT	Band 4	15	20325	75	#0	16QAM	NV	30	-16.94	-0.010	PASS
NVNT	Band 4	15	20325	75	#0	16QAM	NV	40	-17.34	-0.010	PASS
NVNT	Band 4	15	20325	75	#0	16QAM	NV	50	-13.55	-0.008	PASS
NVNT	Band 4	20	20050	100	#0	QPSK	NV	-30	-10.87	-0.006	PASS
NVNT	Band	20	20050	100	#0	QPSK	NV	-20	-13.59	-0.008	PASS

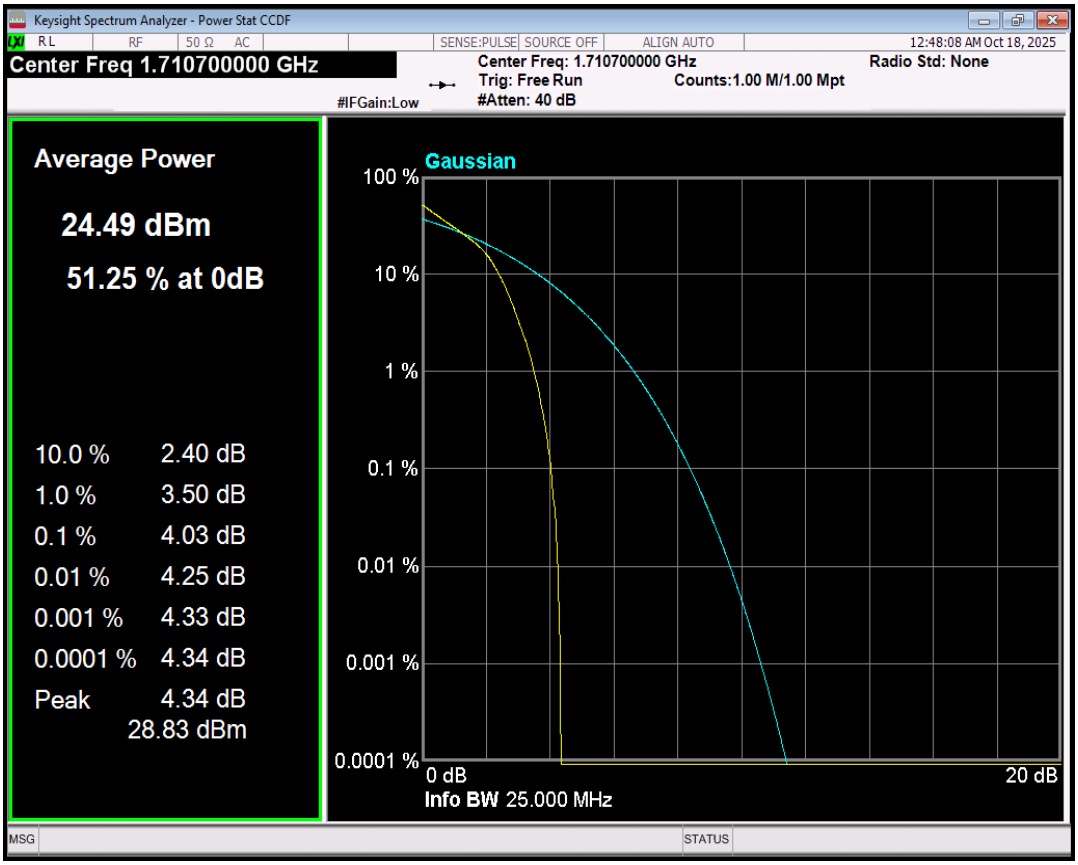
	4										
NVNT	Band 4	20	20050	100	#0	QPSK	NV	0	-32.67	-0.019	PASS
NVNT	Band 4	20	20050	100	#0	QPSK	NV	10	-32.79	-0.019	PASS
NVNT	Band 4	20	20050	100	#0	QPSK	NV	20	-22.27	-0.013	PASS
NVNT	Band 4	20	20050	100	#0	QPSK	NV	30	-27.02	-0.016	PASS
NVNT	Band 4	20	20050	100	#0	QPSK	NV	40	-29.63	-0.017	PASS
NVNT	Band 4	20	20050	100	#0	QPSK	NV	50	-17.21	-0.010	PASS
NVNT	Band 4	20	20050	100	#0	16QAM	NV	-30	-21.99	-0.013	PASS
NVNT	Band 4	20	20050	100	#0	16QAM	NV	-20	-21.27	-0.012	PASS
NVNT	Band 4	20	20050	100	#0	16QAM	NV	0	-18.37	-0.011	PASS
NVNT	Band 4	20	20050	100	#0	16QAM	NV	10	-15.08	-0.009	PASS
NVNT	Band 4	20	20050	100	#0	16QAM	NV	20	-14.61	-0.008	PASS
NVNT	Band 4	20	20050	100	#0	16QAM	NV	30	-14.18	-0.008	PASS
NVNT	Band 4	20	20050	100	#0	16QAM	NV	40	-14.46	-0.008	PASS
NVNT	Band 4	20	20050	100	#0	16QAM	NV	50	-13.92	-0.008	PASS
NVNT	Band 4	20	20175	100	#0	QPSK	NV	-30	17.17	0.010	PASS
NVNT	Band 4	20	20175	100	#0	QPSK	NV	-20	15.49	0.009	PASS
NVNT	Band 4	20	20175	100	#0	QPSK	NV	0	10.14	0.006	PASS
NVNT	Band 4	20	20175	100	#0	QPSK	NV	10	4.69	0.003	PASS
NVNT	Band 4	20	20175	100	#0	QPSK	NV	20	0.51	0.000	PASS
NVNT	Band 4	20	20175	100	#0	QPSK	NV	30	-0.80	0.000	PASS
NVNT	Band 4	20	20175	100	#0	QPSK	NV	40	-4.63	-0.003	PASS
NVNT	Band	20	20175	100	#0	QPSK	NV	50	-7.65	-0.004	PASS

	4										
NVNT	Band 4	20	20175	100	#0	16QAM	NV	-30	-8.25	-0.005	PASS
NVNT	Band 4	20	20175	100	#0	16QAM	NV	-20	-7.58	-0.004	PASS
NVNT	Band 4	20	20175	100	#0	16QAM	NV	0	3.58	0.002	PASS
NVNT	Band 4	20	20175	100	#0	16QAM	NV	10	8.53	0.005	PASS
NVNT	Band 4	20	20175	100	#0	16QAM	NV	20	14.59	0.008	PASS
NVNT	Band 4	20	20175	100	#0	16QAM	NV	30	2.68	0.002	PASS
NVNT	Band 4	20	20175	100	#0	16QAM	NV	40	-19.07	-0.011	PASS
NVNT	Band 4	20	20175	100	#0	16QAM	NV	50	-11.57	-0.007	PASS
NVNT	Band 4	20	20300	100	#0	QPSK	NV	-30	3.76	0.002	PASS
NVNT	Band 4	20	20300	100	#0	QPSK	NV	-20	-6.42	-0.004	PASS
NVNT	Band 4	20	20300	100	#0	QPSK	NV	0	-18.81	-0.011	PASS
NVNT	Band 4	20	20300	100	#0	QPSK	NV	10	-29.54	-0.017	PASS
NVNT	Band 4	20	20300	100	#0	QPSK	NV	20	-23.89	-0.014	PASS
NVNT	Band 4	20	20300	100	#0	QPSK	NV	30	-2.69	-0.002	PASS
NVNT	Band 4	20	20300	100	#0	QPSK	NV	40	-9.14	-0.005	PASS
NVNT	Band 4	20	20300	100	#0	QPSK	NV	50	-11.60	-0.007	PASS
NVNT	Band 4	20	20300	100	#0	16QAM	NV	-30	-11.64	-0.007	PASS
NVNT	Band 4	20	20300	100	#0	16QAM	NV	-20	-7.75	-0.004	PASS
NVNT	Band 4	20	20300	100	#0	16QAM	NV	0	-1.22	-0.001	PASS
NVNT	Band 4	20	20300	100	#0	16QAM	NV	10	5.35	0.003	PASS
NVNT	Band 4	20	20300	100	#0	16QAM	NV	20	9.11	0.005	PASS
NVNT	Band	20	20300	100	#0	16QAM	NV	30	9.73	0.006	PASS

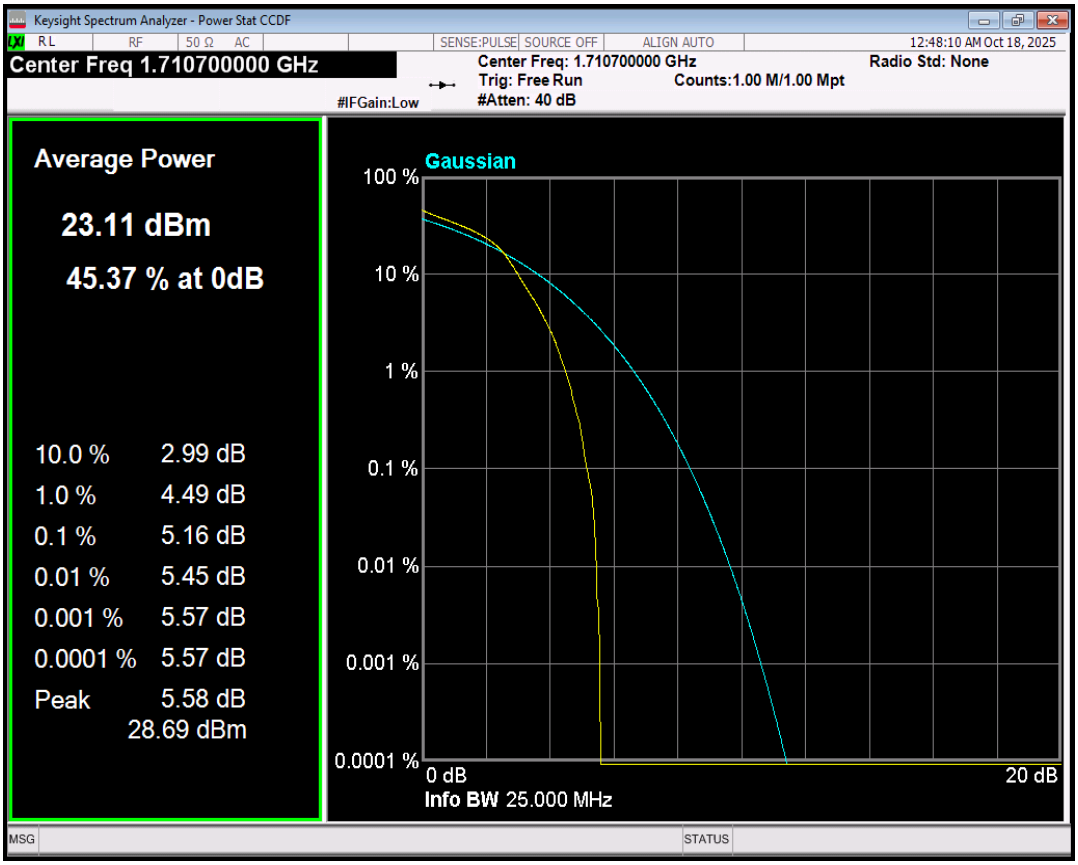
	4										
NVNT	Band 4	20	20300	100	#0	16QAM	NV	40	13.29	0.008	PASS
NVNT	Band 4	20	20300	100	#0	16QAM	NV	50	15.99	0.009	PASS

Appendix 3.Peak-to-Average Ratio

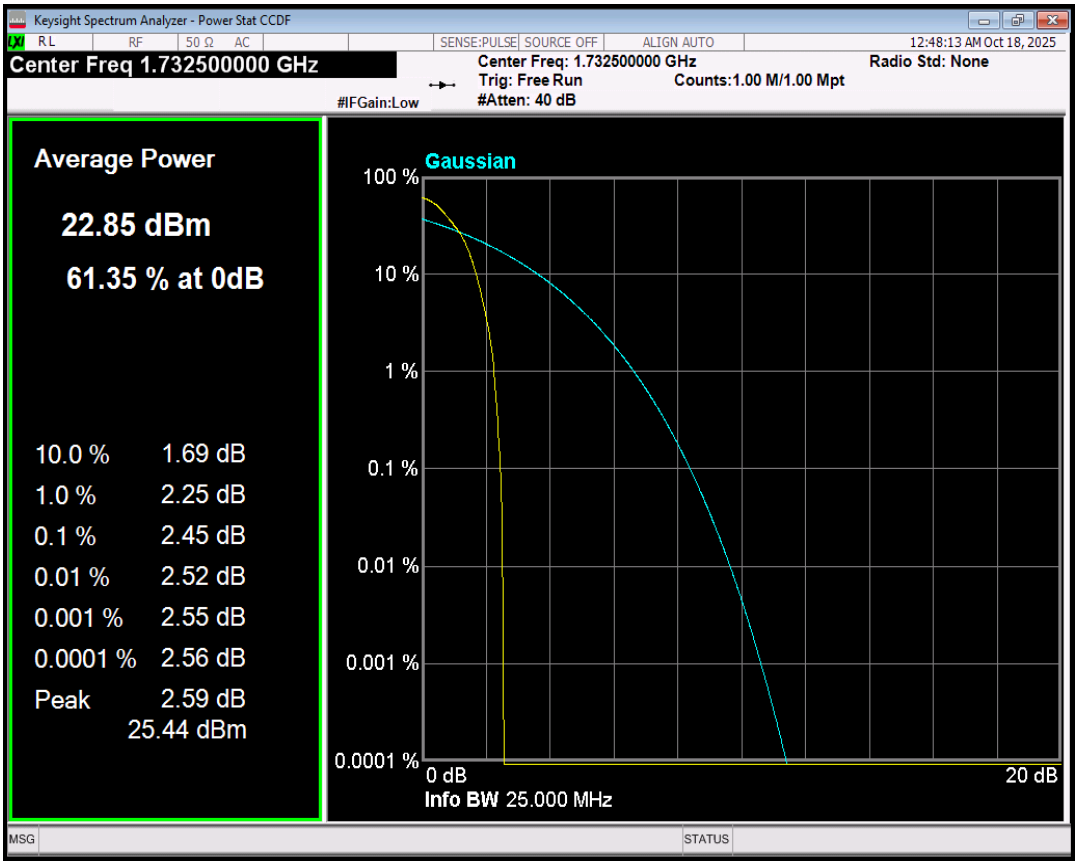
Condition	Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
NVNT	Band4	1.4	19957	1	#0	QPSK	4.03	13	PASS
NVNT	Band4	1.4	19957	1	#0	16QAM	5.16	13	PASS
NVNT	Band4	1.4	20175	1	#0	QPSK	2.45	13	PASS
NVNT	Band4	1.4	20175	1	#0	16QAM	3.57	13	PASS
NVNT	Band4	1.4	20393	1	#0	QPSK	4.83	13	PASS
NVNT	Band4	1.4	20393	1	#0	16QAM	5.93	13	PASS
NVNT	Band4	3	19965	1	#0	QPSK	3.97	13	PASS
NVNT	Band4	3	19965	1	#0	16QAM	5.61	13	PASS
NVNT	Band4	3	20175	1	#0	QPSK	2.47	13	PASS
NVNT	Band4	3	20175	1	#0	16QAM	3.57	13	PASS
NVNT	Band4	3	20385	1	#0	QPSK	4.63	13	PASS
NVNT	Band4	3	20385	1	#0	16QAM	5.79	13	PASS
NVNT	Band4	5	19975	1	#0	QPSK	4.16	13	PASS
NVNT	Band4	5	19975	1	#0	16QAM	5.81	13	PASS
NVNT	Band4	5	20175	1	#0	QPSK	2.41	13	PASS
NVNT	Band4	5	20175	1	#0	16QAM	3.90	13	PASS
NVNT	Band4	5	20375	1	#0	QPSK	4.74	13	PASS
NVNT	Band4	5	20375	1	#0	16QAM	5.91	13	PASS
NVNT	Band4	10	20000	1	#0	QPSK	4.04	13	PASS
NVNT	Band4	10	20000	1	#0	16QAM	5.74	13	PASS
NVNT	Band4	10	20175	1	#0	QPSK	2.68	13	PASS
NVNT	Band4	10	20175	1	#0	16QAM	4.18	13	PASS
NVNT	Band4	10	20350	1	#0	QPSK	3.95	13	PASS
NVNT	Band4	10	20350	1	#0	16QAM	5.43	13	PASS
NVNT	Band4	15	20025	1	#0	QPSK	3.98	13	PASS
NVNT	Band4	15	20025	1	#0	16QAM	5.84	13	PASS
NVNT	Band4	15	20175	1	#0	QPSK	3.20	13	PASS
NVNT	Band4	15	20175	1	#0	16QAM	4.70	13	PASS
NVNT	Band4	15	20325	1	#0	QPSK	3.65	13	PASS
NVNT	Band4	15	20325	1	#0	16QAM	5.06	13	PASS
NVNT	Band4	20	20050	1	#0	QPSK	3.87	13	PASS
NVNT	Band4	20	20050	1	#0	16QAM	5.35	13	PASS
NVNT	Band4	20	20175	1	#0	QPSK	4.02	13	PASS
NVNT	Band4	20	20175	1	#0	16QAM	5.36	13	PASS
NVNT	Band4	20	20300	1	#0	QPSK	2.71	13	PASS
NVNT	Band4	20	20300	1	#0	16QAM	4.48	13	PASS



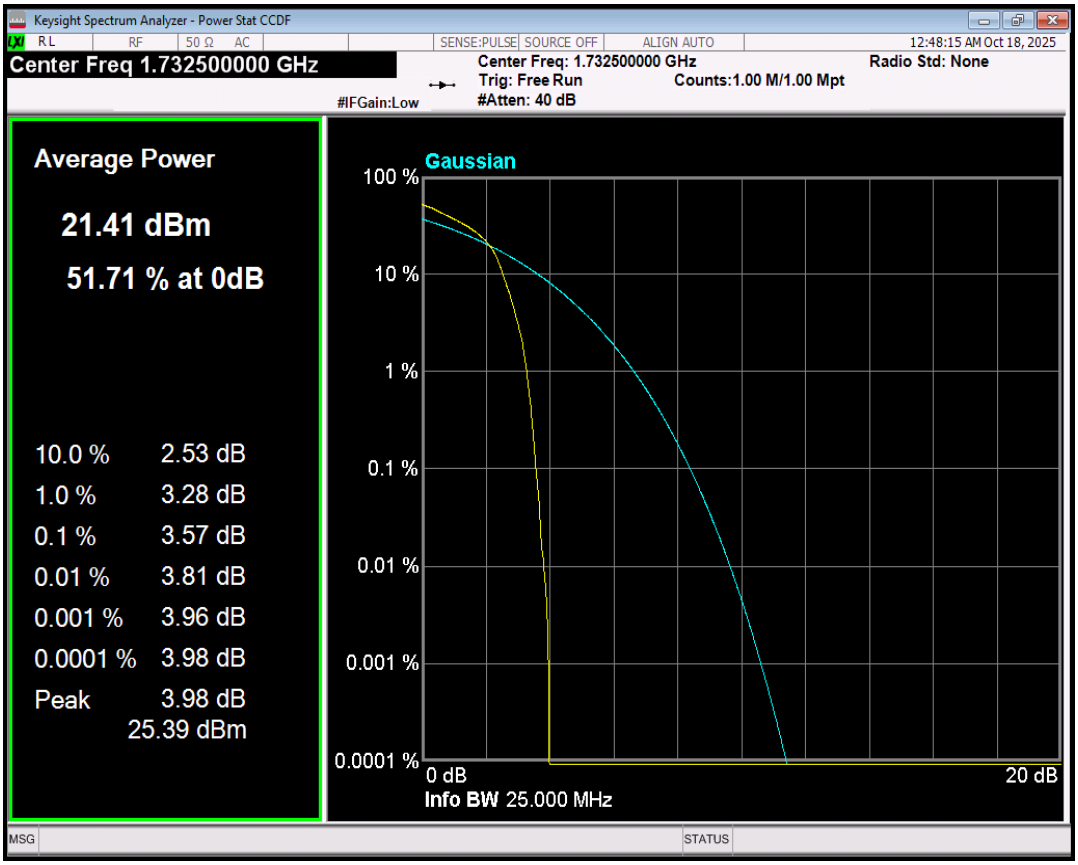
Band4 QPSK BW=1.4MHz Channel=19957 RB Size=1 Position=#0 NVNT



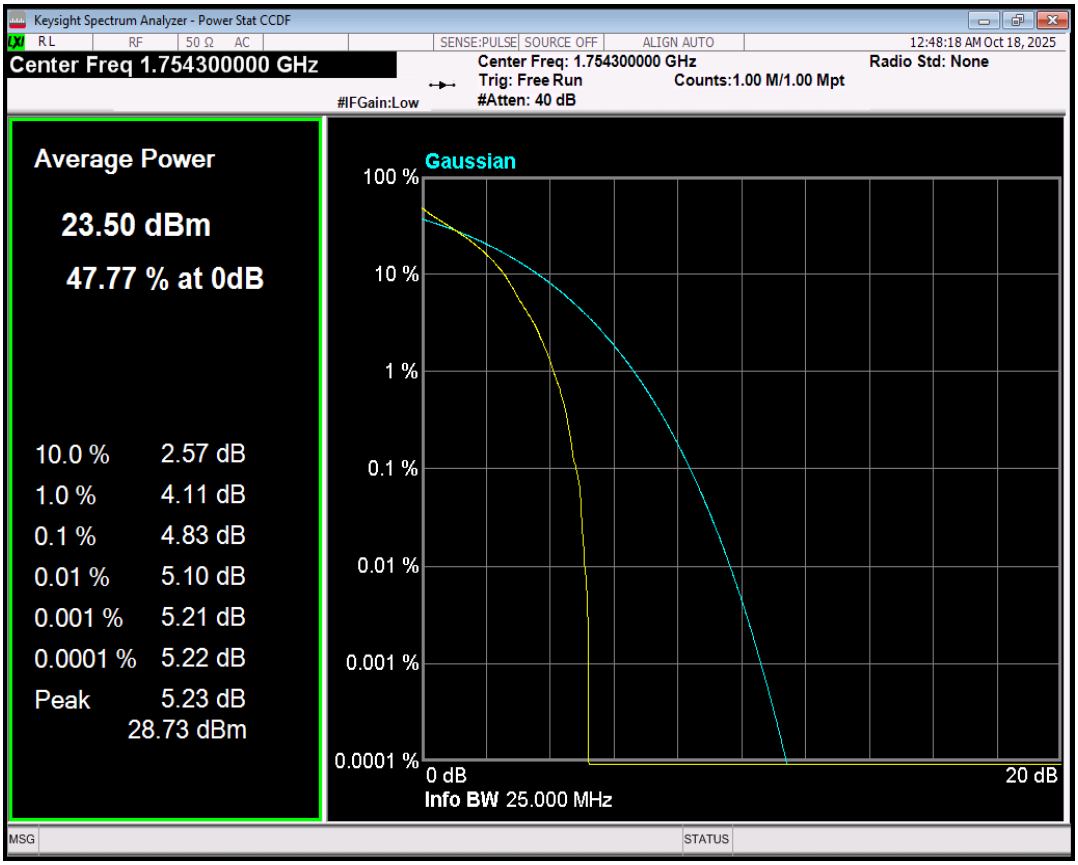
Band4 16QAM BW=1.4MHz Channel=19957 RB Size=1 Position=#0 NVNT



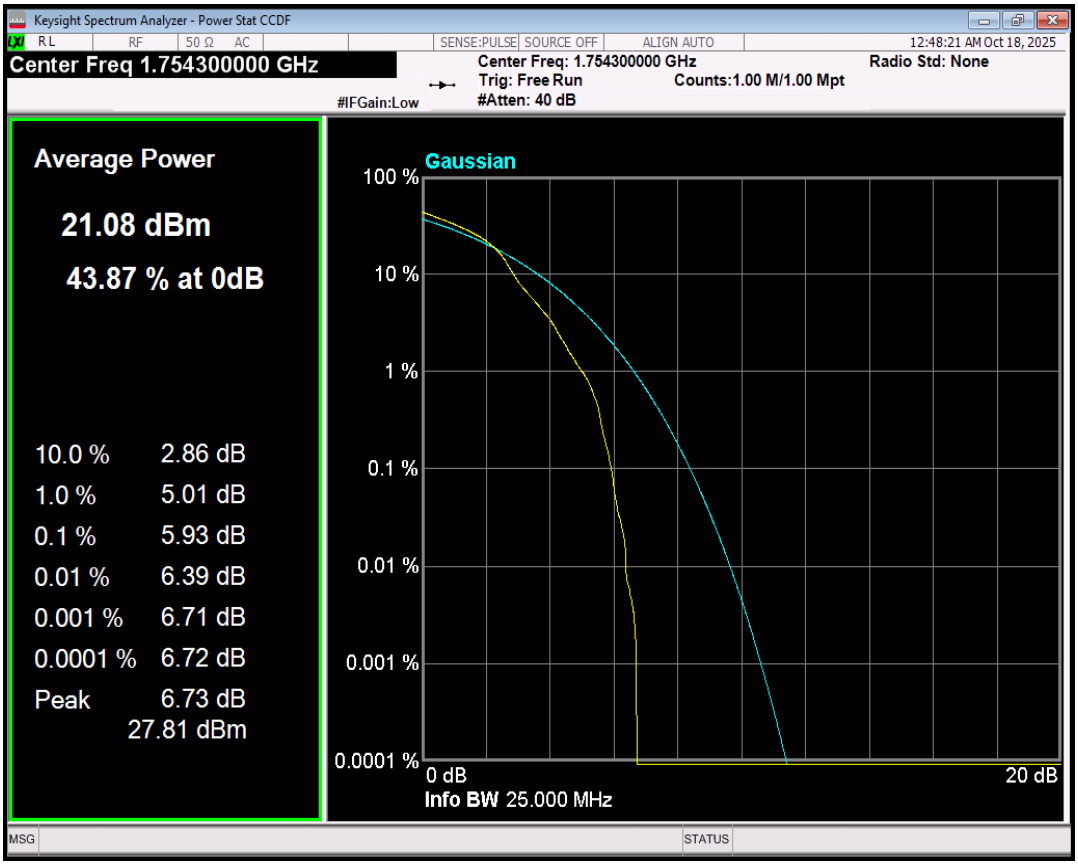
Band4 QPSK BW=1.4MHz Channel=20175 RB Size=1 Position=#0 NVNT



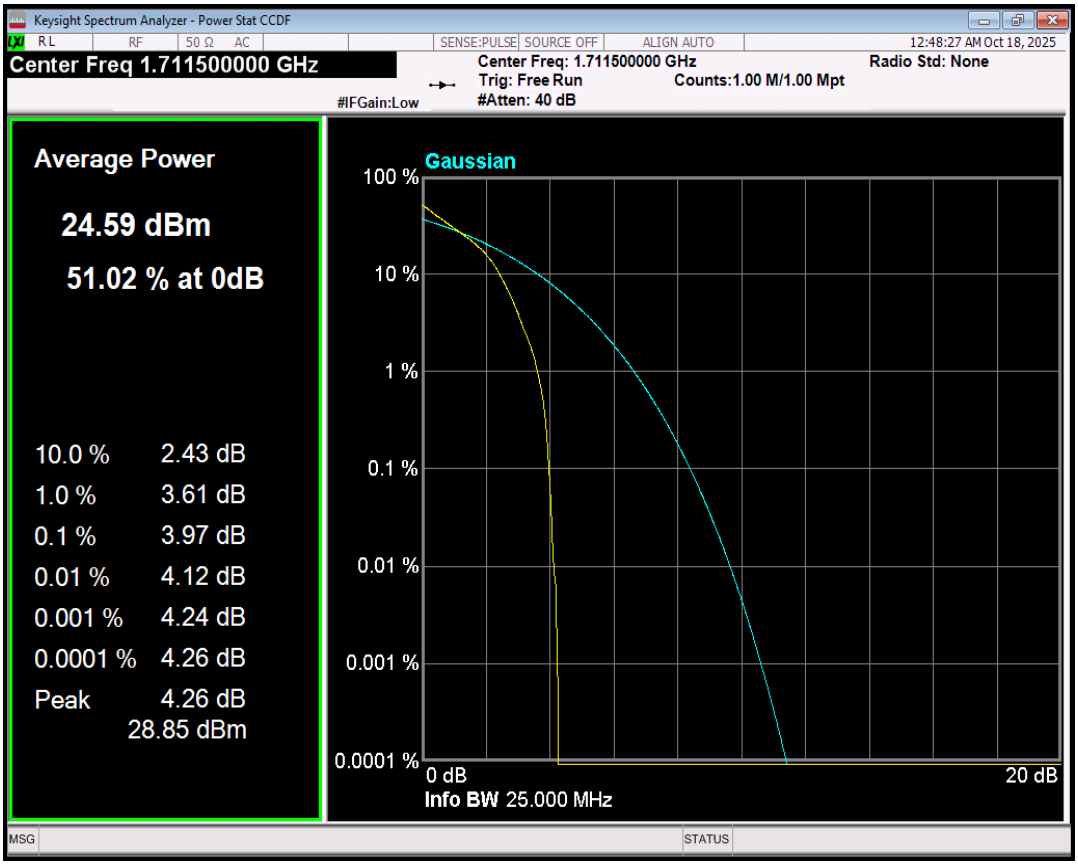
Band4 16QAM BW=1.4MHz Channel=20175 RB Size=1 Position=#0 NVNT



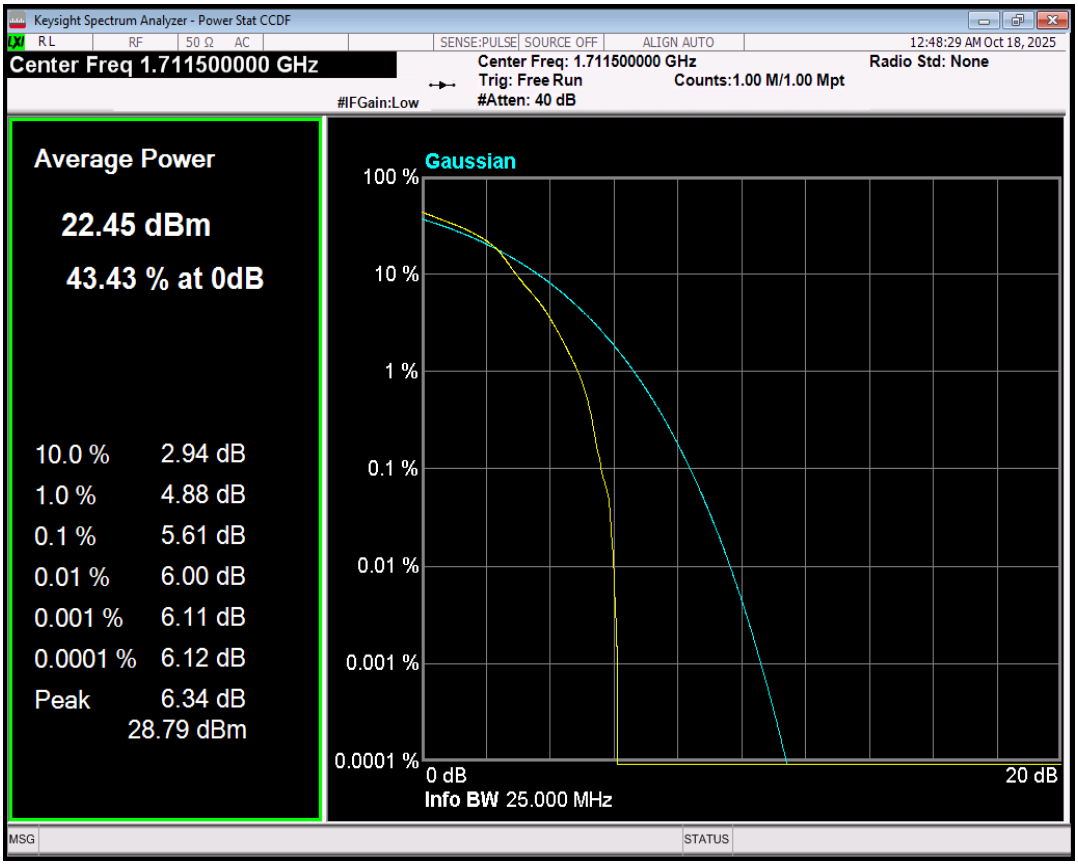
Band4 QPSK BW=1.4MHz Channel=20393 RB Size=1 Position=#0 NVNT



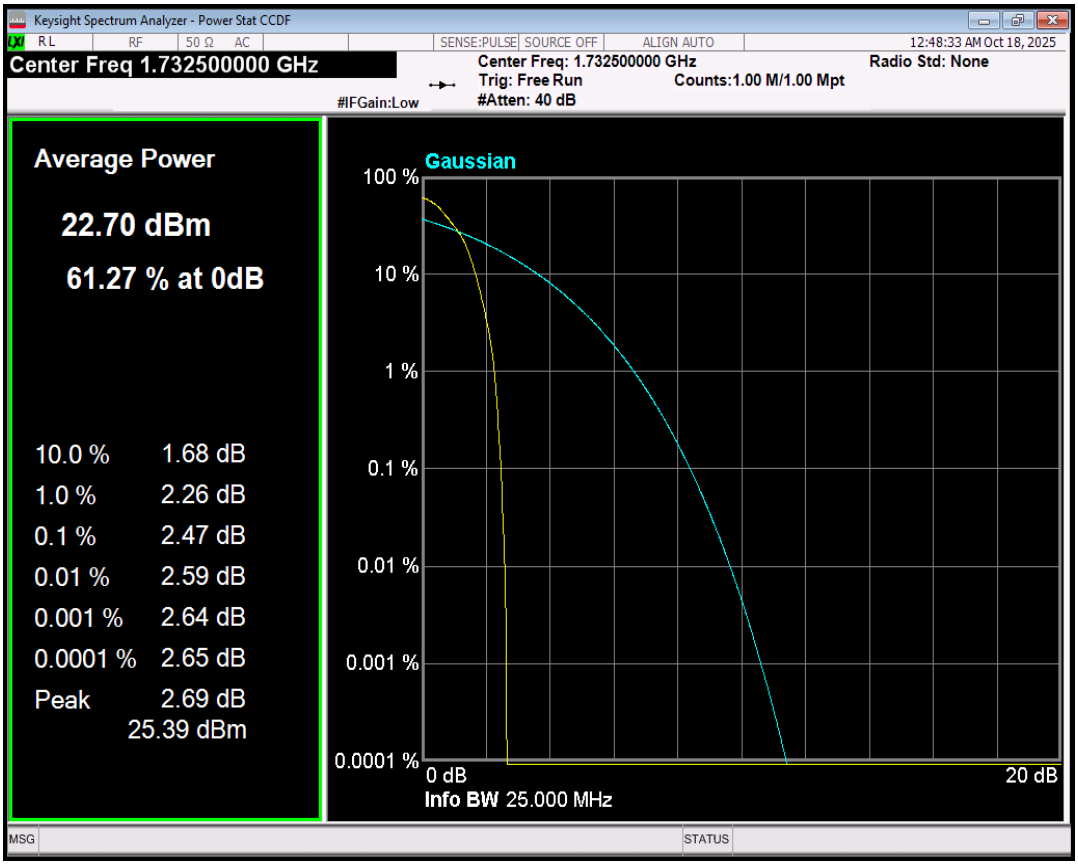
Band4 16QAM BW=1.4MHz Channel=20393 RB Size=1 Position=#0 NVNT



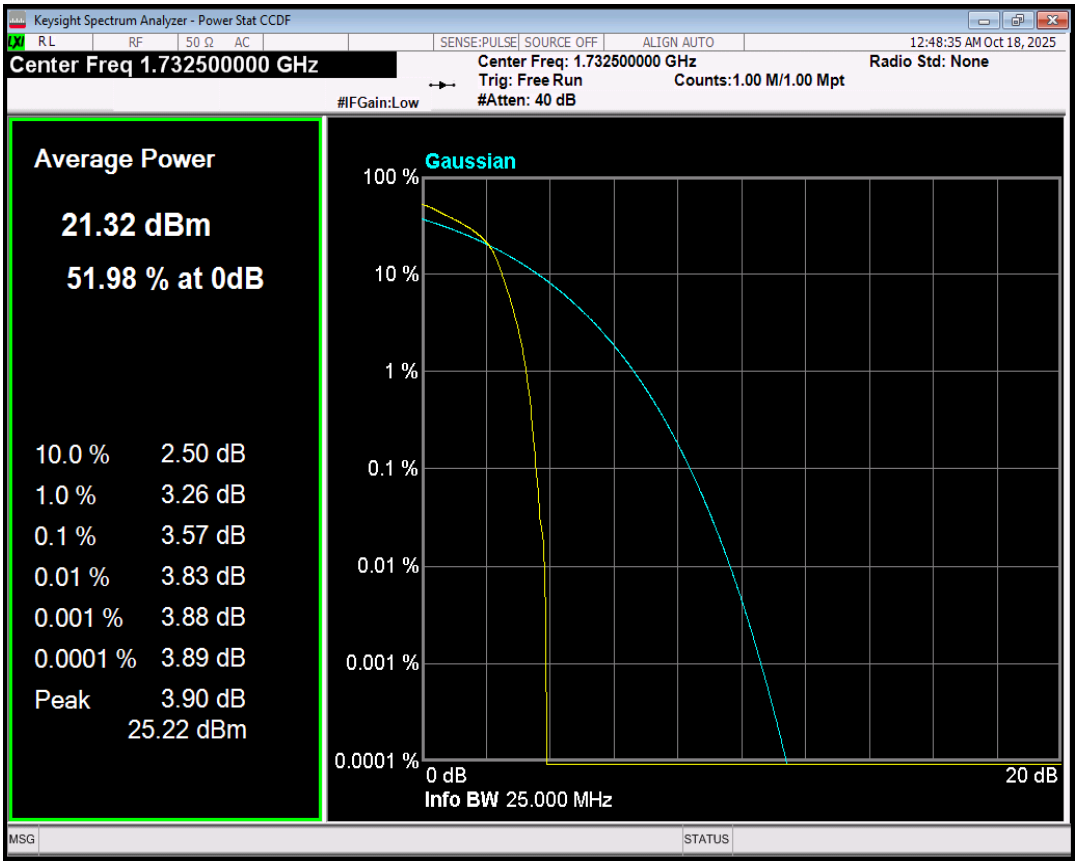
Band4 QPSK BW=3MHz Channel=19965 RB Size=1 Position=#0 NVNT



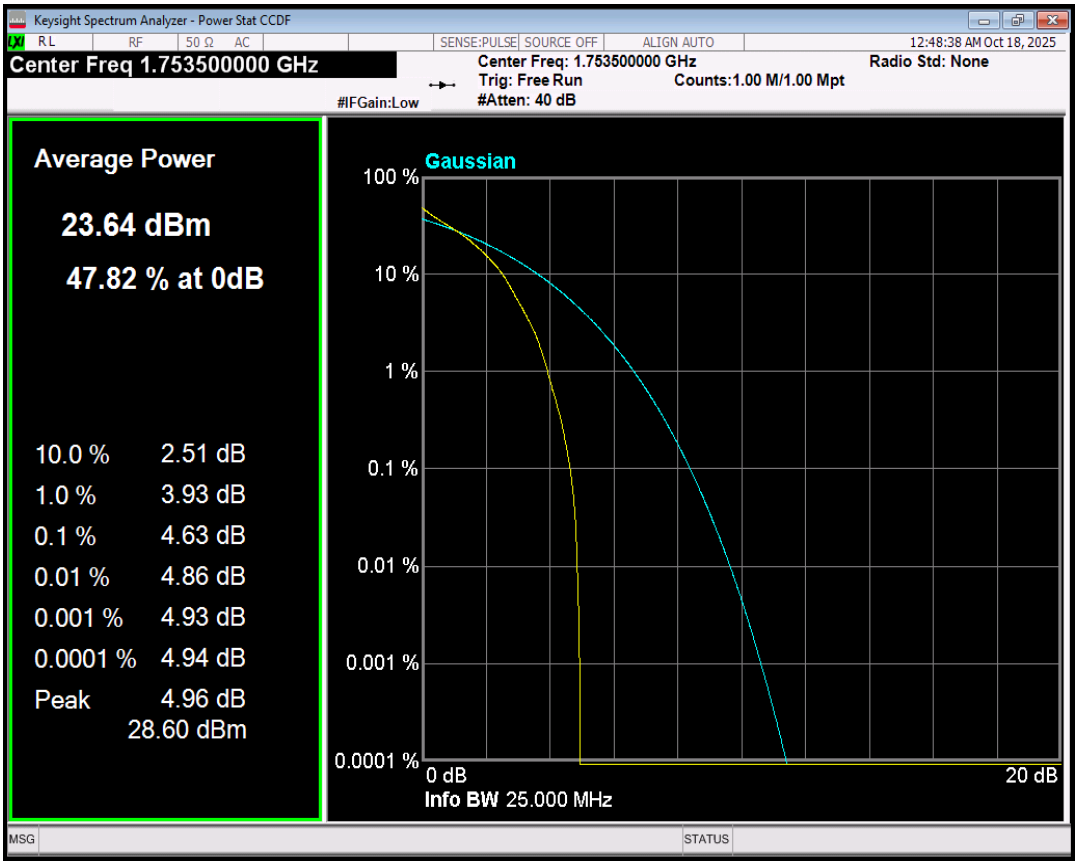
Band4 16QAM BW=3MHz Channel=19965 RB Size=1 Position=#0 NVNT



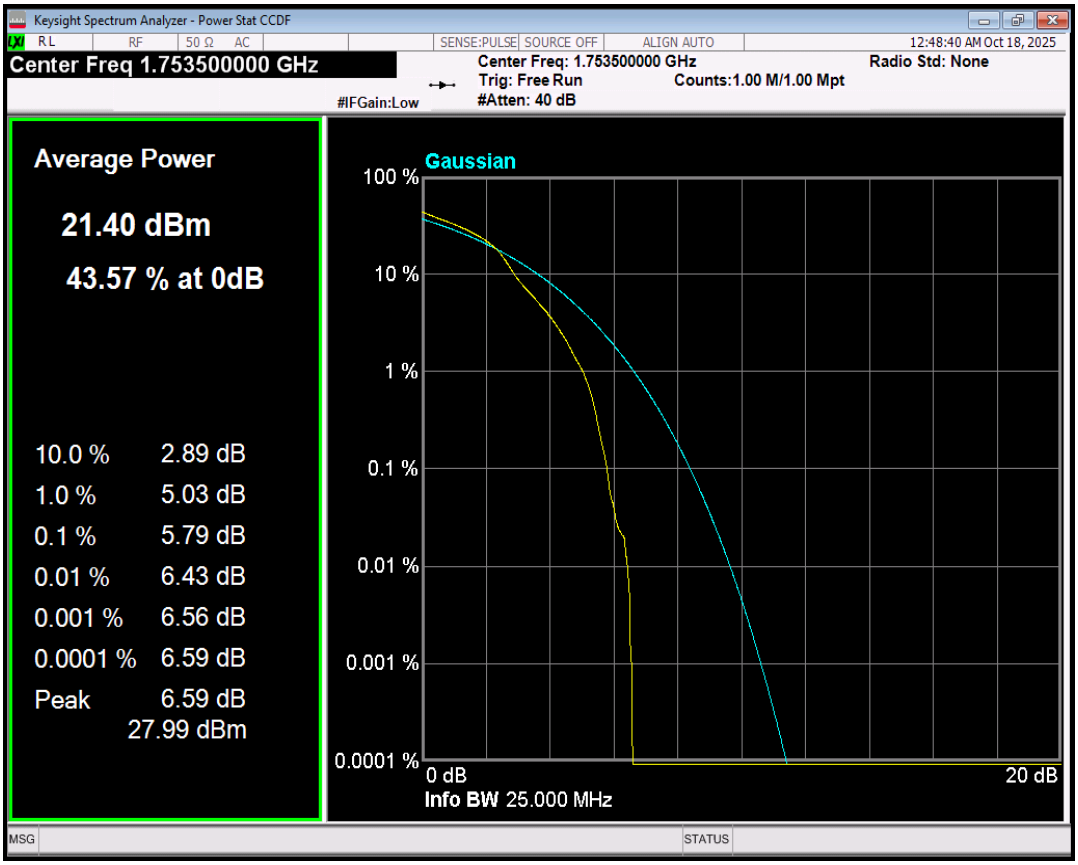
Band4 QPSK BW=3MHz Channel=20175 RB Size=1 Position=#0 NVNT



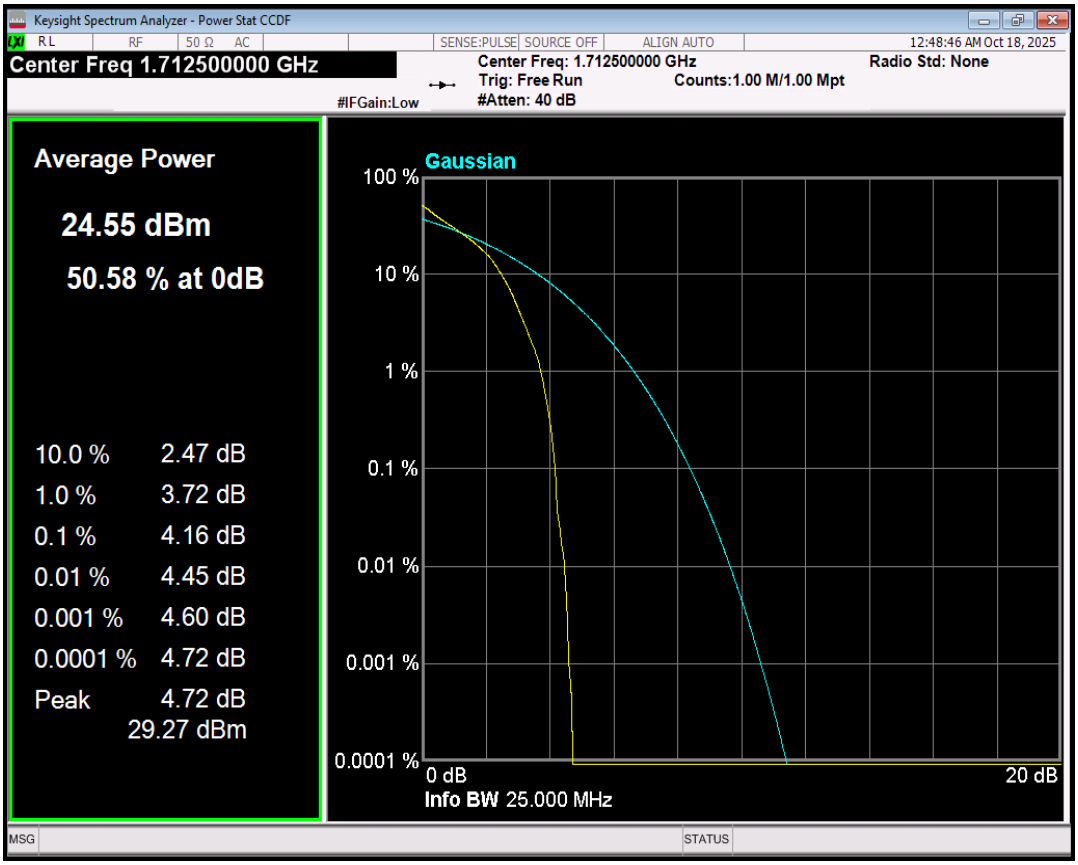
Band4 16QAM BW=3MHz Channel=20175 RB Size=1 Position=#0 NVNT



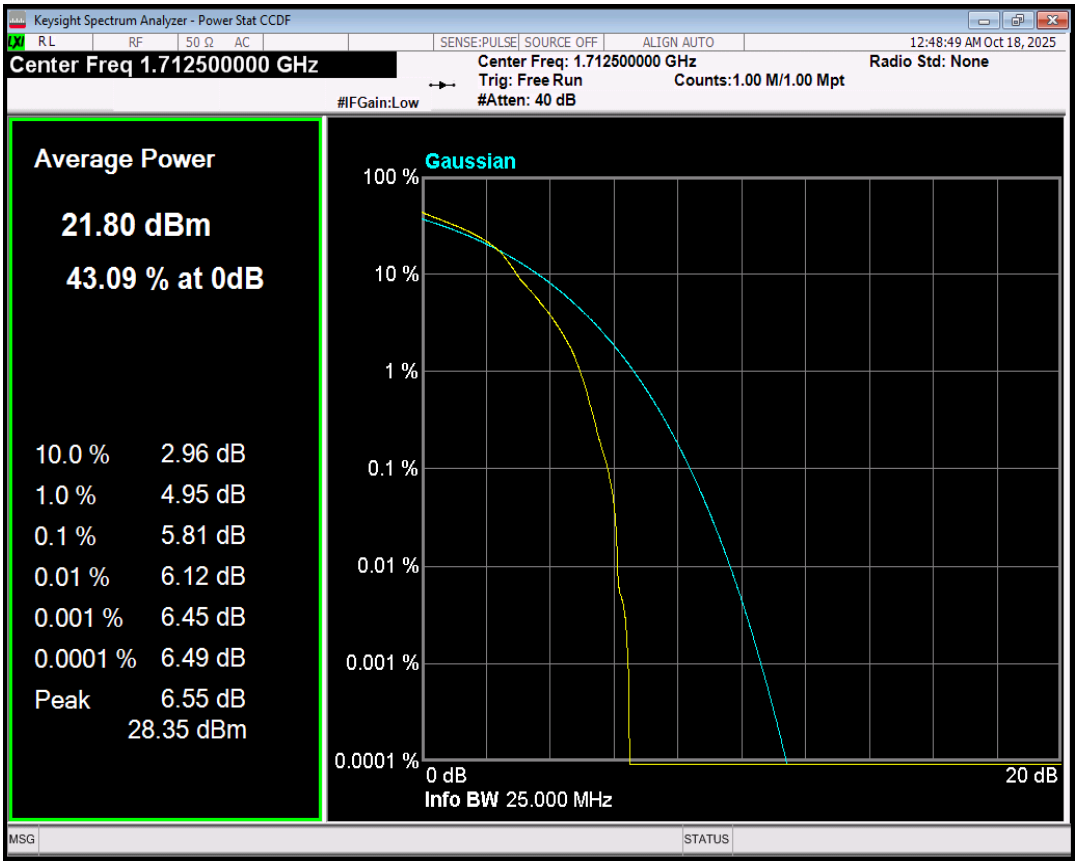
Band4 QPSK BW=3MHz Channel=20385 RB Size=1 Position=#0 NVNT



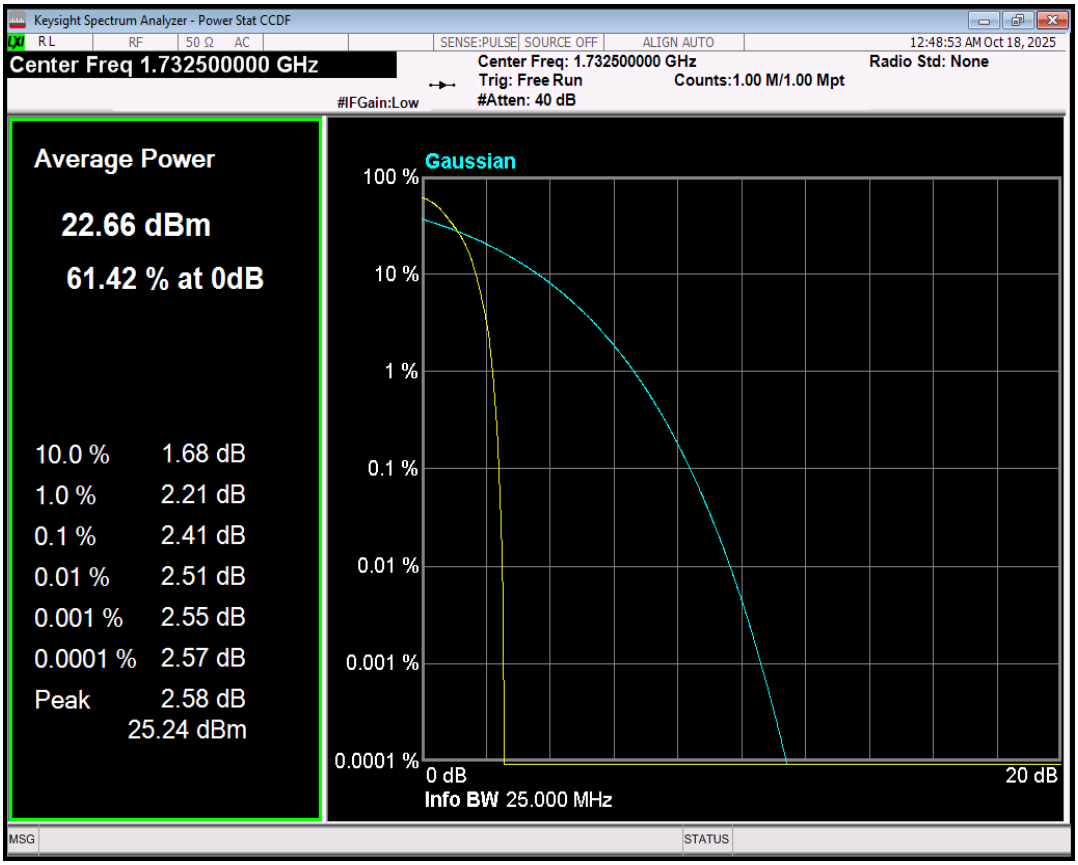
Band4 16QAM BW=3MHz Channel=20385 RB Size=1 Position=#0 NVNT



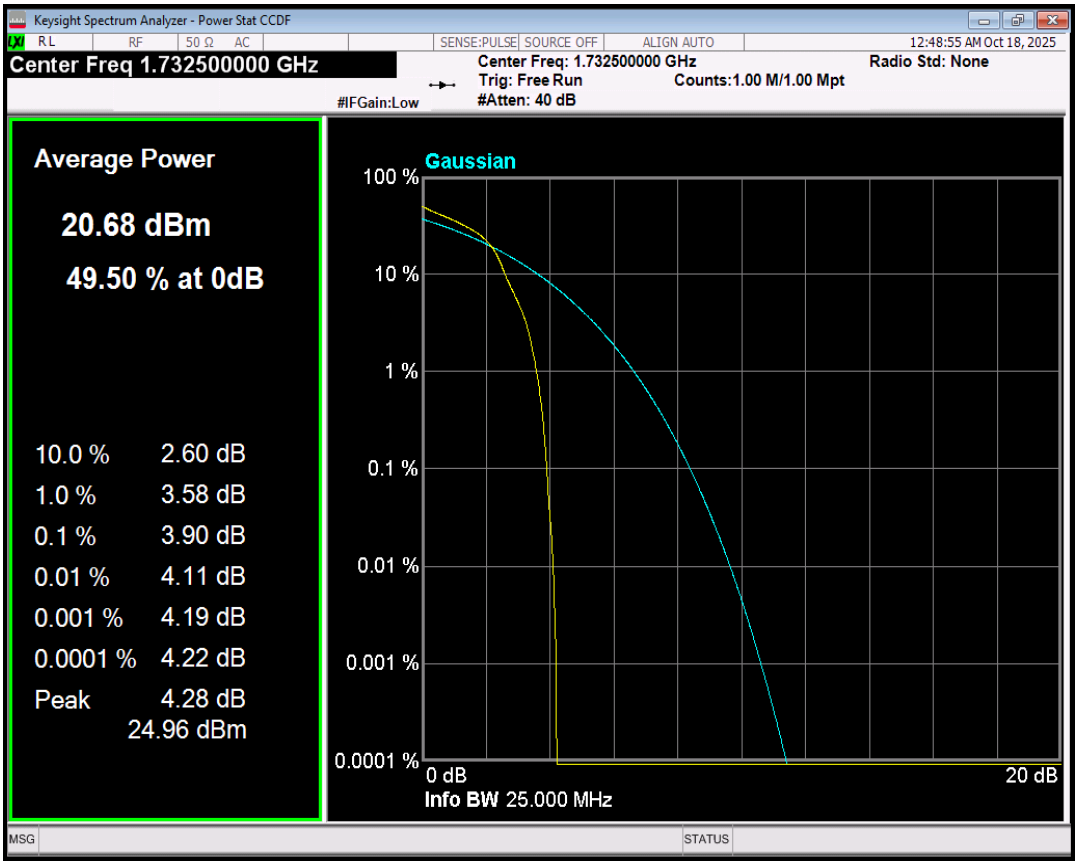
Band4 QPSK BW=5MHz Channel=19975 RB Size=1 Position=#0 NVNT



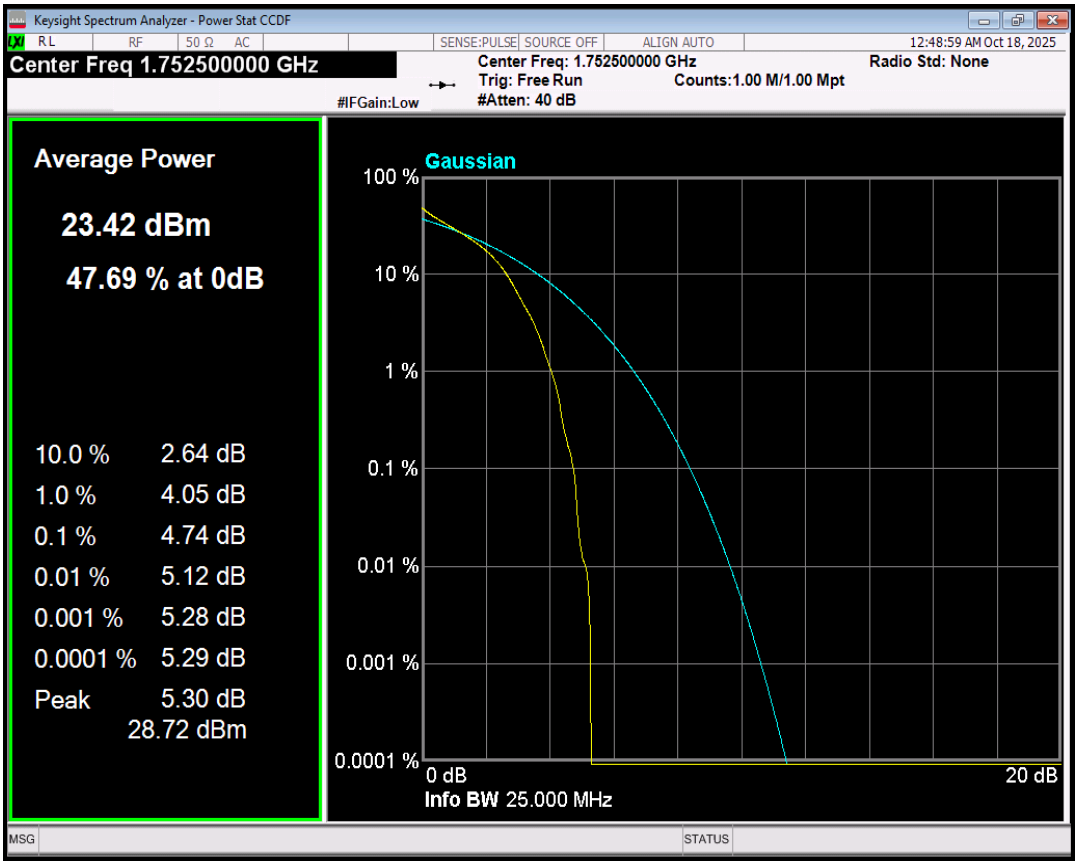
Band4 16QAM BW=5MHz Channel=19975 RB Size=1 Position=#0 NVNT



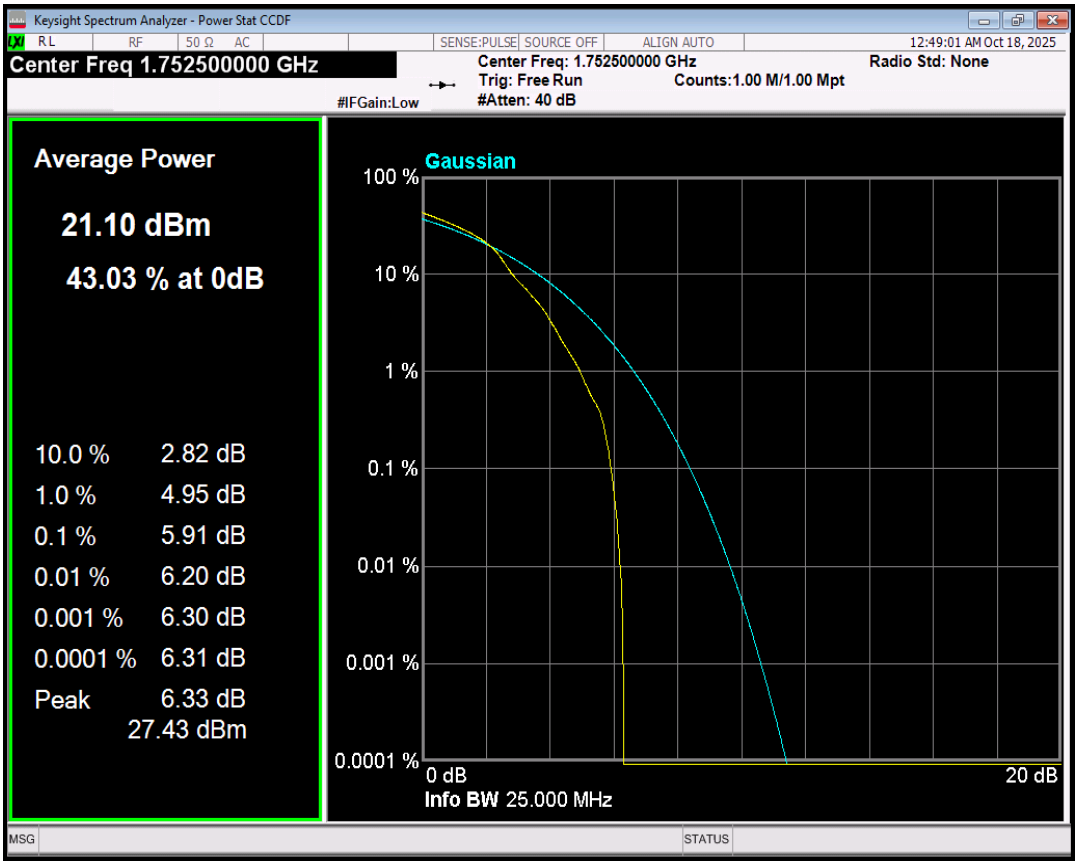
Band4 QPSK BW=5MHz Channel=20175 RB Size=1 Position=#0 NVNT



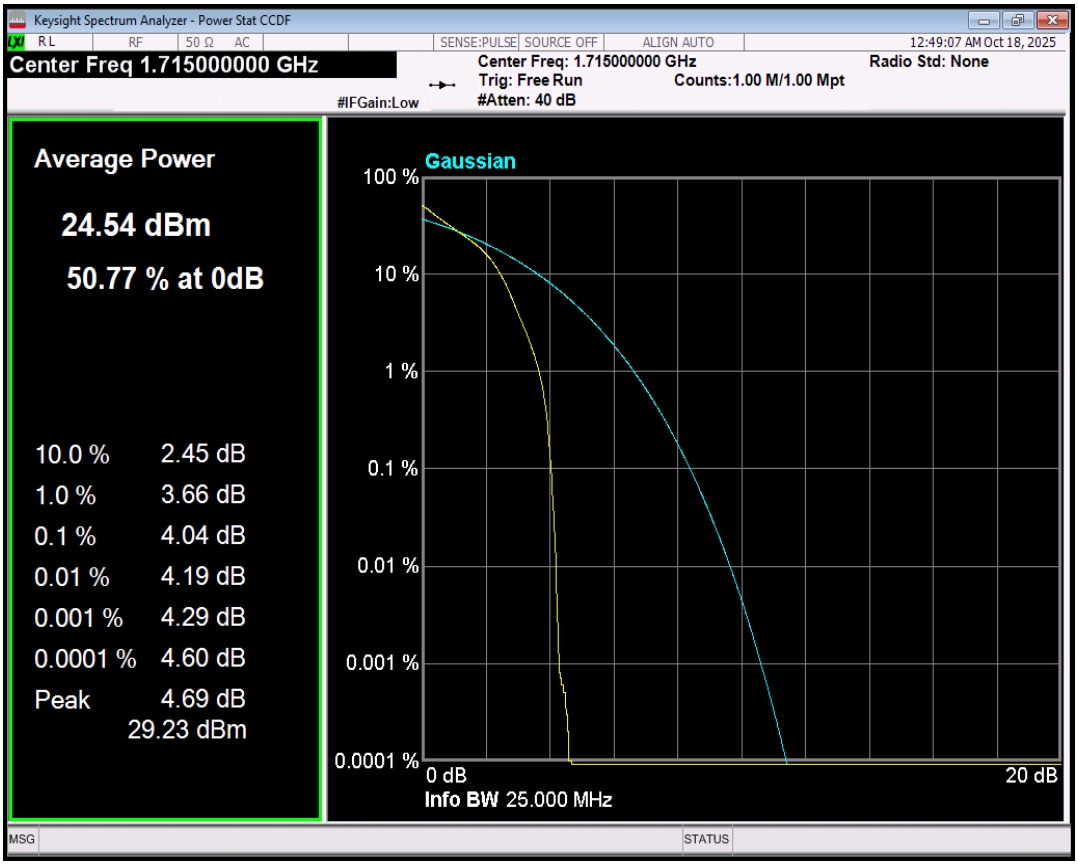
Band4 16QAM BW=5MHz Channel=20175 RB Size=1 Position=#0 NVNT



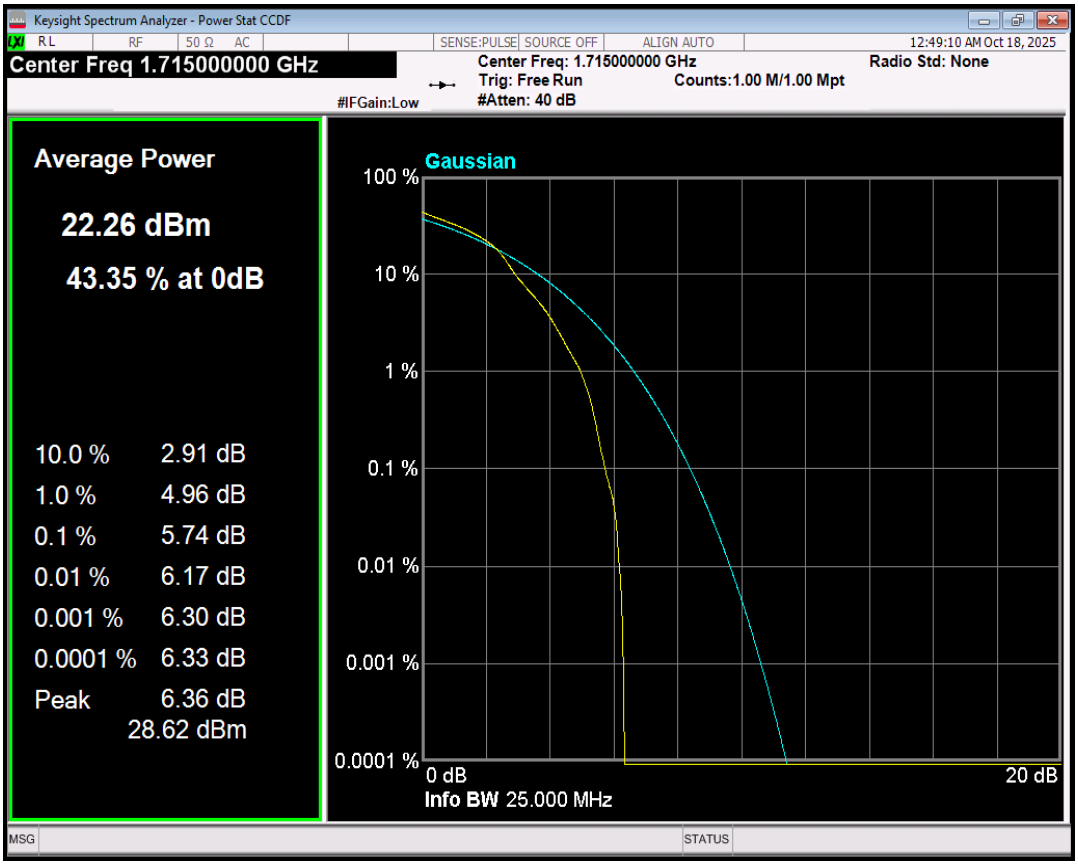
Band4 QPSK BW=5MHz Channel=20375 RB Size=1 Position=#0 NVNT



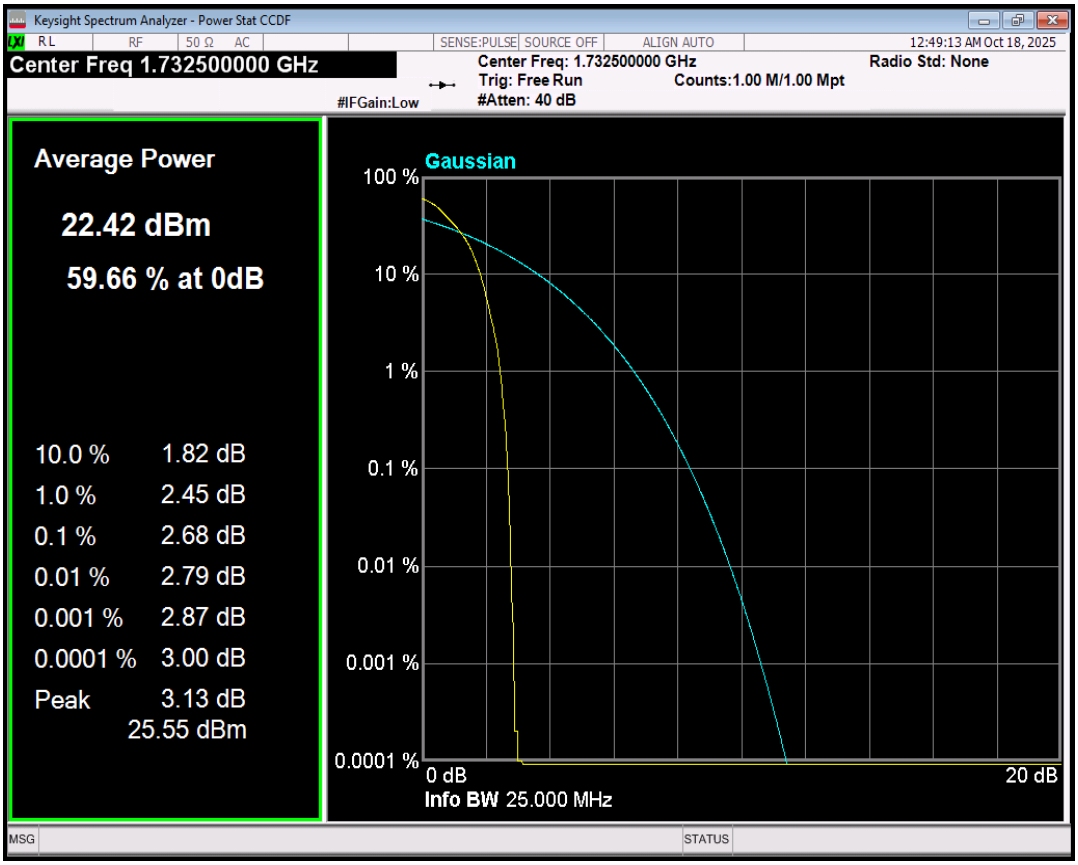
Band4 16QAM BW=5MHz Channel=20375 RB Size=1 Position=#0 NVNT



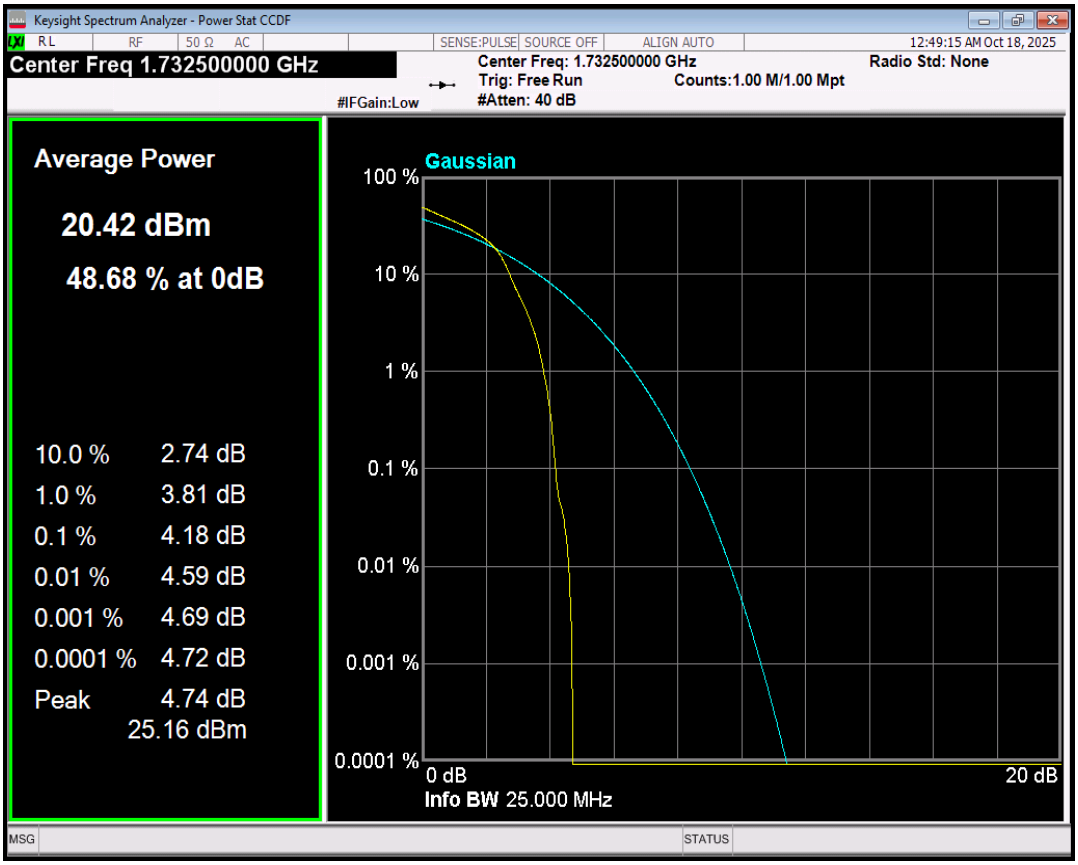
Band4 QPSK BW=10MHz Channel=20000 RB Size=1 Position=#0 NVNT



Band4 16QAM BW=10MHz Channel=20000 RB Size=1 Position=#0 NVNT



Band4 QPSK BW=10MHz Channel=20175 RB Size=1 Position=#0 NVNT



Band4 16QAM BW=10MHz Channel=20175 RB Size=1 Position=#0 NVNT