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

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Gain (dBm)	EIRP (dBm)	Verdict
Band4	1.4	19957	1	#0	QPSK	22.99	1.12	24.11	PASS
Band4	1.4	19957	1	#Mid	QPSK	22.98	1.12	24.10	PASS
Band4	1.4	19957	1	#Max	QPSK	22.98	1.12	24.10	PASS
Band4	1.4	19957	3	#0	QPSK	22.85	1.12	23.97	PASS
Band4	1.4	19957	3	#Mid	QPSK	22.78	1.12	23.90	PASS
Band4	1.4	19957	3	#Max	QPSK	22.76	1.12	23.88	PASS
Band4	1.4	19957	6	#0	QPSK	22.35	1.12	23.47	PASS
Band4	1.4	19957	1	#0	16QAM	23.53	1.12	24.65	PASS
Band4	1.4	19957	1	#Mid	16QAM	23.49	1.12	24.61	PASS
Band4	1.4	19957	1	#Max	16QAM	23.52	1.12	24.64	PASS
Band4	1.4	19957	3	#0	16QAM	22.18	1.12	23.30	PASS
Band4	1.4	19957	3	#Mid	16QAM	22.16	1.12	23.28	PASS
Band4	1.4	19957	3	#Max	16QAM	22.17	1.12	23.29	PASS
Band4	1.4	19957	6	#0	16QAM	21.11	1.12	22.23	PASS
Band4	1.4	20175	1	#0	QPSK	22.49	1.12	23.61	PASS
Band4	1.4	20175	1	#Mid	QPSK	22.64	1.12	23.76	PASS
Band4	1.4	20175	1	#Max	QPSK	22.64	1.12	23.76	PASS
Band4	1.4	20175	3	#0	QPSK	22.41	1.12	23.53	PASS
Band4	1.4	20175	3	#Mid	QPSK	22.48	1.12	23.60	PASS
Band4	1.4	20175	3	#Max	QPSK	22.45	1.12	23.57	PASS
Band4	1.4	20175	6	#0	QPSK	22.02	1.12	23.14	PASS
Band4	1.4	20175	1	#0	16QAM	22.05	1.12	23.17	PASS
Band4	1.4	20175	1	#Mid	16QAM	22.08	1.12	23.20	PASS
Band4	1.4	20175	1	#Max	16QAM	22.15	1.12	23.27	PASS
Band4	1.4	20175	3	#0	16QAM	21.46	1.12	22.58	PASS
Band4	1.4	20175	3	#Mid	16QAM	21.51	1.12	22.63	PASS
Band4	1.4	20175	3	#Max	16QAM	21.53	1.12	22.65	PASS
Band4	1.4	20175	6	#0	16QAM	20.75	1.12	21.87	PASS
Band4	1.4	20393	1	#0	QPSK	22.88	1.12	24.00	PASS
Band4	1.4	20393	1	#Mid	QPSK	22.75	1.12	23.87	PASS
Band4	1.4	20393	1	#Max	QPSK	22.73	1.12	23.85	PASS
Band4	1.4	20393	3	#0	QPSK	22.70	1.12	23.82	PASS
Band4	1.4	20393	3	#Mid	QPSK	22.59	1.12	23.71	PASS
Band4	1.4	20393	3	#Max	QPSK	22.49	1.12	23.61	PASS
Band4	1.4	20393	6	#0	QPSK	22.17	1.12	23.29	PASS
Band4	1.4	20393	1	#0	16QAM	21.82	1.12	22.94	PASS
Band4	1.4	20393	1	#Mid	16QAM	21.78	1.12	22.90	PASS

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Band4	1.4	20393	1	#Max	16QAM	21.76	1.12	22.88	PASS
Band4	1.4	20393	3	#0	16QAM	21.59	1.12	22.71	PASS
Band4	1.4	20393	3	#Mid	16QAM	21.64	1.12	22.76	PASS
Band4	1.4	20393	3	#Max	16QAM	21.56	1.12	22.68	PASS
Band4	1.4	20393	6	#0	16QAM	20.75	1.12	21.87	PASS
Band4	3	19965	1	#0	QPSK	22.74	1.12	23.86	PASS
Band4	3	19965	1	#Mid	QPSK	22.76	1.12	23.88	PASS
Band4	3	19965	1	#Max	QPSK	22.77	1.12	23.89	PASS
Band4	3	19965	8	#0	QPSK	22.41	1.12	23.53	PASS
Band4	3	19965	8	#Mid	QPSK	22.28	1.12	23.40	PASS
Band4	3	19965	8	#Max	QPSK	22.32	1.12	23.44	PASS
Band4	3	19965	15	#0	QPSK	22.38	1.12	23.50	PASS
Band4	3	19965	1	#0	16QAM	23.57	1.12	24.69	PASS
Band4	3	19965	1	#Mid	16QAM	23.57	1.12	24.69	PASS
Band4	3	19965	1	#Max	16QAM	23.55	1.12	24.67	PASS
Band4	3	19965	8	#0	16QAM	20.82	1.12	21.94	PASS
Band4	3	19965	8	#Mid	16QAM	20.79	1.12	21.91	PASS
Band4	3	19965	8	#Max	16QAM	20.83	1.12	21.95	PASS
Band4	3	19965	15	#0	16QAM	21.01	1.12	22.13	PASS
Band4	3	20175	1	#0	QPSK	22.48	1.12	23.60	PASS
Band4	3	20175	1	#Mid	QPSK	22.61	1.12	23.73	PASS
Band4	3	20175	1	#Max	QPSK	22.61	1.12	23.73	PASS
Band4	3	20175	8	#0	QPSK	21.84	1.12	22.96	PASS
Band4	3	20175	8	#Mid	QPSK	21.89	1.12	23.01	PASS
Band4	3	20175	8	#Max	QPSK	21.90	1.12	23.02	PASS
Band4	3	20175	15	#0	QPSK	22.04	1.12	23.16	PASS
Band4	3	20175	1	#0	16QAM	22.01	1.12	23.13	PASS
Band4	3	20175	1	#Mid	16QAM	22.12	1.12	23.24	PASS
Band4	3	20175	1	#Max	16QAM	22.14	1.12	23.26	PASS
Band4	3	20175	8	#0	16QAM	20.56	1.12	21.68	PASS
Band4	3	20175	8	#Mid	16QAM	20.60	1.12	21.72	PASS
Band4	3	20175	8	#Max	16QAM	20.65	1.12	21.77	PASS
Band4	3	20175	15	#0	16QAM	20.52	1.12	21.64	PASS
Band4	3	20385	1	#0	QPSK	22.90	1.12	24.02	PASS
Band4	3	20385	1	#Mid	QPSK	22.88	1.12	24.00	PASS
Band4	3	20385	1	#Max	QPSK	22.67	1.12	23.79	PASS
Band4	3	20385	8	#0	QPSK	22.21	1.12	23.33	PASS
Band4	3	20385	8	#Mid	QPSK	22.23	1.12	23.35	PASS
Band4	3	20385	8	#Max	QPSK	22.14	1.12	23.26	PASS
Band4	3	20385	15	#0	QPSK	22.18	1.12	23.30	PASS
Band4	3	20385	1	#0	16QAM	21.86	1.12	22.98	PASS
Band4	3	20385	1	#Mid	16QAM	21.79	1.12	22.91	PASS
Band4	3	20385	1	#Max	16QAM	21.74	1.12	22.86	PASS
Band4	3	20385	8	#0	16QAM	20.88	1.12	22.00	PASS

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Band4	3	20385	8	#Mid	16QAM	20.90	1.12	22.02	PASS
Band4	3	20385	8	#Max	16QAM	20.84	1.12	21.96	PASS
Band4	3	20385	15	#0	16QAM	20.76	1.12	21.88	PASS
Band4	5	19975	1	#0	QPSK	22.81	1.12	23.93	PASS
Band4	5	19975	1	#Mid	QPSK	22.75	1.12	23.87	PASS
Band4	5	19975	1	#Max	QPSK	22.70	1.12	23.82	PASS
Band4	5	19975	12	#0	QPSK	22.35	1.12	23.47	PASS
Band4	5	19975	12	#Mid	QPSK	22.39	1.12	23.51	PASS
Band4	5	19975	12	#Max	QPSK	22.36	1.12	23.48	PASS
Band4	5	19975	25	#0	QPSK	22.38	1.12	23.50	PASS
Band4	5	19975	1	#0	16QAM	22.44	1.12	23.56	PASS
Band4	5	19975	1	#Mid	16QAM	22.47	1.12	23.59	PASS
Band4	5	19975	1	#Max	16QAM	22.37	1.12	23.49	PASS
Band4	5	19975	12	#0	16QAM	20.82	1.12	21.94	PASS
Band4	5	19975	12	#Mid	16QAM	20.87	1.12	21.99	PASS
Band4	5	19975	12	#Max	16QAM	20.79	1.12	21.91	PASS
Band4	5	19975	25	#0	16QAM	21.01	1.12	22.13	PASS
Band4	5	20175	1	#0	QPSK	22.48	1.12	23.60	PASS
Band4	5	20175	1	#Mid	QPSK	22.53	1.12	23.65	PASS
Band4	5	20175	1	#Max	QPSK	22.55	1.12	23.67	PASS
Band4	5	20175	12	#0	QPSK	21.90	1.12	23.02	PASS
Band4	5	20175	12	#Mid	QPSK	22.06	1.12	23.18	PASS
Band4	5	20175	12	#Max	QPSK	21.98	1.12	23.10	PASS
Band4	5	20175	25	#0	QPSK	21.97	1.12	23.09	PASS
Band4	5	20175	1	#0	16QAM	22.06	1.12	23.18	PASS
Band4	5	20175	1	#Mid	16QAM	22.12	1.12	23.24	PASS
Band4	5	20175	1	#Max	16QAM	22.14	1.12	23.26	PASS
Band4	5	20175	12	#0	16QAM	20.29	1.12	21.41	PASS
Band4	5	20175	12	#Mid	16QAM	20.34	1.12	21.46	PASS
Band4	5	20175	12	#Max	16QAM	20.44	1.12	21.56	PASS
Band4	5	20175	25	#0	16QAM	20.60	1.12	21.72	PASS
Band4	5	20375	1	#0	QPSK	22.59	1.12	23.71	PASS
Band4	5	20375	1	#Mid	QPSK	22.49	1.12	23.61	PASS
Band4	5	20375	1	#Max	QPSK	22.25	1.12	23.37	PASS
Band4	5	20375	12	#0	QPSK	22.26	1.12	23.38	PASS
Band4	5	20375	12	#Mid	QPSK	22.12	1.12	23.24	PASS
Band4	5	20375	12	#Max	QPSK	22.17	1.12	23.29	PASS
Band4	5	20375	25	#0	QPSK	22.23	1.12	23.35	PASS
Band4	5	20375	1	#0	16QAM	22.89	1.12	24.01	PASS
Band4	5	20375	1	#Mid	16QAM	22.83	1.12	23.95	PASS
Band4	5	20375	1	#Max	16QAM	22.72	1.12	23.84	PASS
Band4	5	20375	12	#0	16QAM	20.85	1.12	21.97	PASS
Band4	5	20375	12	#Mid	16QAM	20.75	1.12	21.87	PASS
Band4	5	20375	12	#Max	16QAM	20.69	1.12	21.81	PASS

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Band4	5	20375	25	#0	16QAM	20.88	1.12	22.00	PASS
Band4	10	20000	1	#0	QPSK	22.75	1.12	23.87	PASS
Band4	10	20000	1	#Mid	QPSK	22.63	1.12	23.75	PASS
Band4	10	20000	1	#Max	QPSK	22.53	1.12	23.65	PASS
Band4	10	20000	25	#0	QPSK	22.27	1.12	23.39	PASS
Band4	10	20000	25	#Mid	QPSK	22.27	1.12	23.39	PASS
Band4	10	20000	25	#Max	QPSK	22.23	1.12	23.35	PASS
Band4	10	20000	50	#0	QPSK	22.24	1.12	23.36	PASS
Band4	10	20000	1	#0	16QAM	23.59	1.12	24.71	PASS
Band4	10	20000	1	#Mid	16QAM	23.53	1.12	24.65	PASS
Band4	10	20000	1	#Max	16QAM	23.35	1.12	24.47	PASS
Band4	10	20000	25	#0	16QAM	20.89	1.12	22.01	PASS
Band4	10	20000	25	#Mid	16QAM	20.86	1.12	21.98	PASS
Band4	10	20000	25	#Max	16QAM	20.77	1.12	21.89	PASS
Band4	10	20000	50	#0	16QAM	20.88	1.12	22.00	PASS
Band4	10	20175	1	#0	QPSK	22.29	1.12	23.41	PASS
Band4	10	20175	1	#Mid	QPSK	22.38	1.12	23.50	PASS
Band4	10	20175	1	#Max	QPSK	22.48	1.12	23.60	PASS
Band4	10	20175	25	#0	QPSK	21.91	1.12	23.03	PASS
Band4	10	20175	25	#Mid	QPSK	22.00	1.12	23.12	PASS
Band4	10	20175	25	#Max	QPSK	21.93	1.12	23.05	PASS
Band4	10	20175	50	#0	QPSK	22.05	1.12	23.17	PASS
Band4	10	20175	1	#0	16QAM	22.71	1.12	23.83	PASS
Band4	10	20175	1	#Mid	16QAM	22.77	1.12	23.89	PASS
Band4	10	20175	1	#Max	16QAM	22.82	1.12	23.94	PASS
Band4	10	20175	25	#0	16QAM	20.48	1.12	21.60	PASS
Band4	10	20175	25	#Mid	16QAM	20.58	1.12	21.70	PASS
Band4	10	20175	25	#Max	16QAM	20.53	1.12	21.65	PASS
Band4	10	20175	50	#0	16QAM	20.64	1.12	21.76	PASS
Band4	10	20350	1	#0	QPSK	22.78	1.12	23.90	PASS
Band4	10	20350	1	#Mid	QPSK	23.01	1.12	24.13	PASS
Band4	10	20350	1	#Max	QPSK	22.57	1.12	23.69	PASS
Band4	10	20350	25	#0	QPSK	22.37	1.12	23.49	PASS
Band4	10	20350	25	#Mid	QPSK	22.39	1.12	23.51	PASS
Band4	10	20350	25	#Max	QPSK	22.32	1.12	23.44	PASS
Band4	10	20350	50	#0	QPSK	22.41	1.12	23.53	PASS
Band4	10	20350	1	#0	16QAM	23.22	1.12	24.34	PASS
Band4	10	20350	1	#Mid	16QAM	23.40	1.12	24.52	PASS
Band4	10	20350	1	#Max	16QAM	23.11	1.12	24.23	PASS
Band4	10	20350	25	#0	16QAM	21.05	1.12	22.17	PASS
Band4	10	20350	25	#Mid	16QAM	21.06	1.12	22.18	PASS
Band4	10	20350	25	#Max	16QAM	20.90	1.12	22.02	PASS
Band4	10	20350	50	#0	16QAM	20.96	1.12	22.08	PASS
Band4	15	20025	1	#0	QPSK	22.73	1.12	23.85	PASS

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Band4	15	20025	1	#Mid	QPSK	22.57	1.12	23.69	PASS
Band4	15	20025	1	#Max	QPSK	22.38	1.12	23.50	PASS
Band4	15	20025	36	#0	QPSK	22.25	1.12	23.37	PASS
Band4	15	20025	36	#Mid	QPSK	22.25	1.12	23.37	PASS
Band4	15	20025	36	#Max	QPSK	21.95	1.12	23.07	PASS
Band4	15	20025	75	#0	QPSK	22.10	1.12	23.22	PASS
Band4	15	20025	1	#0	16QAM	23.56	1.12	24.68	PASS
Band4	15	20025	1	#Mid	16QAM	23.40	1.12	24.52	PASS
Band4	15	20025	1	#Max	16QAM	23.24	1.12	24.36	PASS
Band4	15	20025	36	#0	16QAM	20.95	1.12	22.07	PASS
Band4	15	20025	36	#Mid	16QAM	20.80	1.12	21.92	PASS
Band4	15	20025	36	#Max	16QAM	20.67	1.12	21.79	PASS
Band4	15	20025	75	#0	16QAM	20.77	1.12	21.89	PASS
Band4	15	20175	1	#0	QPSK	22.34	1.12	23.46	PASS
Band4	15	20175	1	#Mid	QPSK	22.37	1.12	23.49	PASS
Band4	15	20175	1	#Max	QPSK	22.48	1.12	23.60	PASS
Band4	15	20175	36	#0	QPSK	21.90	1.12	23.02	PASS
Band4	15	20175	36	#Mid	QPSK	21.94	1.12	23.06	PASS
Band4	15	20175	36	#Max	QPSK	21.95	1.12	23.07	PASS
Band4	15	20175	75	#0	QPSK	21.96	1.12	23.08	PASS
Band4	15	20175	1	#0	16QAM	22.72	1.12	23.84	PASS
Band4	15	20175	1	#Mid	16QAM	22.73	1.12	23.85	PASS
Band4	15	20175	1	#Max	16QAM	22.85	1.12	23.97	PASS
Band4	15	20175	36	#0	16QAM	20.54	1.12	21.66	PASS
Band4	15	20175	36	#Mid	16QAM	20.71	1.12	21.83	PASS
Band4	15	20175	36	#Max	16QAM	20.63	1.12	21.75	PASS
Band4	15	20175	75	#0	16QAM	20.52	1.12	21.64	PASS
Band4	15	20325	1	#0	QPSK	22.50	1.12	23.62	PASS
Band4	15	20325	1	#Mid	QPSK	22.95	1.12	24.07	PASS
Band4	15	20325	1	#Max	QPSK	22.49	1.12	23.61	PASS
Band4	15	20325	36	#0	QPSK	22.11	1.12	23.23	PASS
Band4	15	20325	36	#Mid	QPSK	22.54	1.12	23.66	PASS
Band4	15	20325	36	#Max	QPSK	22.24	1.12	23.36	PASS
Band4	15	20325	75	#0	QPSK	22.48	1.12	23.60	PASS
Band4	15	20325	1	#0	16QAM	23.20	1.12	24.32	PASS
Band4	15	20325	1	#Mid	16QAM	23.54	1.12	24.66	PASS
Band4	15	20325	1	#Max	16QAM	23.19	1.12	24.31	PASS
Band4	15	20325	36	#0	16QAM	20.73	1.12	21.85	PASS
Band4	15	20325	36	#Mid	16QAM	20.95	1.12	22.07	PASS
Band4	15	20325	36	#Max	16QAM	20.78	1.12	21.90	PASS
Band4	15	20325	75	#0	16QAM	21.07	1.12	22.19	PASS
Band4	20	20050	1	#0	QPSK	22.90	1.12	24.02	PASS
Band4	20	20050	1	#Mid	QPSK	22.63	1.12	23.75	PASS
Band4	20	20050	1	#Max	QPSK	22.48	1.12	23.60	PASS

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Band4	20	20050	50	#0	QPSK	22.15	1.12	23.27	PASS
Band4	20	20050	50	#Mid	QPSK	22.13	1.12	23.25	PASS
Band4	20	20050	50	#Max	QPSK	21.92	1.12	23.04	PASS
Band4	20	20050	100	#0	QPSK	22.06	1.12	23.18	PASS
Band4	20	20050	1	#0	16QAM	22.48	1.12	23.60	PASS
Band4	20	20050	1	#Mid	16QAM	22.23	1.12	23.35	PASS
Band4	20	20050	1	#Max	16QAM	22.06	1.12	23.18	PASS
Band4	20	20050	50	#0	16QAM	20.84	1.12	21.96	PASS
Band4	20	20050	50	#Mid	16QAM	20.69	1.12	21.81	PASS
Band4	20	20050	50	#Max	16QAM	20.55	1.12	21.67	PASS
Band4	20	20050	100	#0	16QAM	20.62	1.12	21.74	PASS
Band4	20	20175	1	#0	QPSK	22.66	1.12	23.78	PASS
Band4	20	20175	1	#Mid	QPSK	22.72	1.12	23.84	PASS
Band4	20	20175	1	#Max	QPSK	22.94	1.12	24.06	PASS
Band4	20	20175	50	#0	QPSK	21.80	1.12	22.92	PASS
Band4	20	20175	50	#Mid	QPSK	22.06	1.12	23.18	PASS
Band4	20	20175	50	#Max	QPSK	22.05	1.12	23.17	PASS
Band4	20	20175	100	#0	QPSK	22.10	1.12	23.22	PASS
Band4	20	20175	1	#0	16QAM	22.16	1.12	23.28	PASS
Band4	20	20175	1	#Mid	16QAM	22.22	1.12	23.34	PASS
Band4	20	20175	1	#Max	16QAM	22.38	1.12	23.50	PASS
Band4	20	20175	50	#0	16QAM	20.50	1.12	21.62	PASS
Band4	20	20175	50	#Mid	16QAM	20.61	1.12	21.73	PASS
Band4	20	20175	50	#Max	16QAM	20.64	1.12	21.76	PASS
Band4	20	20175	100	#0	16QAM	20.68	1.12	21.80	PASS
Band4	20	20300	1	#0	QPSK	22.45	1.12	23.57	PASS
Band4	20	20300	1	#Mid	QPSK	22.67	1.12	23.79	PASS
Band4	20	20300	1	#Max	QPSK	22.77	1.12	23.89	PASS
Band4	20	20300	50	#0	QPSK	22.12	1.12	23.24	PASS
Band4	20	20300	50	#Mid	QPSK	22.13	1.12	23.25	PASS
Band4	20	20300	50	#Max	QPSK	22.35	1.12	23.47	PASS
Band4	20	20300	100	#0	QPSK	22.05	1.12	23.17	PASS
Band4	20	20300	1	#0	16QAM	22.49	1.12	23.61	PASS
Band4	20	20300	1	#Mid	16QAM	22.60	1.12	23.72	PASS
Band4	20	20300	1	#Max	16QAM	22.41	1.12	23.53	PASS
Band4	20	20300	50	#0	16QAM	20.66	1.12	21.78	PASS
Band4	20	20300	50	#Mid	16QAM	20.76	1.12	21.88	PASS
Band4	20	20300	50	#Max	16QAM	20.92	1.12	22.04	PASS
Band4	20	20300	100	#0	16QAM	20.71	1.12	21.83	PASS

Appendix 2.Frequency stability

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Voltage (Vdc)	Temperatue (C)	Result (Hz)	Result (ppm)	Verdict
Band4	1.4	19957	6	#0	QPSK	LV	NT	-17.62	-0.010	PASS
Band4	1.4	19957	6	#0	QPSK	NV	NT	-26.72	-0.016	PASS
Band4	1.4	19957	6	#0	QPSK	HV	NT	-51.81	-0.030	PASS
Band4	1.4	19957	6	#0	16QAM	LV	NT	-17.01	-0.010	PASS
Band4	1.4	19957	6	#0	16QAM	NV	NT	-37.82	-0.022	PASS
Band4	1.4	19957	6	#0	16QAM	HV	NT	-4.01	-0.002	PASS
Band4	1.4	20175	6	#0	QPSK	LV	NT	-36.02	-0.021	PASS
Band4	1.4	20175	6	#0	QPSK	NV	NT	-33.10	-0.019	PASS
Band4	1.4	20175	6	#0	QPSK	HV	NT	-41.20	-0.024	PASS
Band4	1.4	20175	6	#0	16QAM	LV	NT	-15.02	-0.009	PASS
Band4	1.4	20175	6	#0	16QAM	NV	NT	-19.37	-0.011	PASS
Band4	1.4	20175	6	#0	16QAM	HV	NT	-13.93	-0.008	PASS
Band4	1.4	20393	6	#0	QPSK	LV	NT	-25.49	-0.015	PASS
Band4	1.4	20393	6	#0	QPSK	NV	NT	-23.45	-0.013	PASS
Band4	1.4	20393	6	#0	QPSK	HV	NT	-19.86	-0.011	PASS
Band4	1.4	20393	6	#0	16QAM	LV	NT	-31.94	-0.018	PASS
Band4	1.4	20393	6	#0	16QAM	NV	NT	-17.64	-0.010	PASS
Band4	1.4	20393	6	#0	16QAM	HV	NT	-16.37	-0.009	PASS
Band4	3	19965	15	#0	QPSK	LV	NT	-4.49	-0.003	PASS
Band4	3	19965	15	#0	QPSK	NV	NT	-23.22	-0.014	PASS
Band4	3	19965	15	#0	QPSK	HV	NT	-13.75	-0.008	PASS
Band4	3	19965	15	#0	16QAM	LV	NT	-14.88	-0.009	PASS
Band4	3	19965	15	#0	16QAM	NV	NT	-17.34	-0.010	PASS
Band4	3	19965	15	#0	16QAM	HV	NT	-38.90	-0.023	PASS
Band4	3	20175	15	#0	QPSK	LV	NT	-31.94	-0.018	PASS
Band4	3	20175	15	#0	QPSK	NV	NT	-13.75	-0.008	PASS
Band4	3	20175	15	#0	QPSK	HV	NT	-37.49	-0.022	PASS
Band4	3	20175	15	#0	16QAM	LV	NT	-30.13	-0.017	PASS
Band4	3	20175	15	#0	16QAM	NV	NT	-17.45	-0.010	PASS
Band4	3	20175	15	#0	16QAM	HV	NT	-15.29	-0.009	PASS
Band4	3	20385	15	#0	QPSK	LV	NT	-37.39	-0.021	PASS
Band4	3	20385	15	#0	QPSK	NV	NT	-7.25	-0.004	PASS
Band4	3	20385	15	#0	QPSK	HV	NT	-27.52	-0.016	PASS
Band4	3	20385	15	#0	16QAM	LV	NT	-21.30	-0.012	PASS
Band4	3	20385	15	#0	16QAM	NV	NT	-19.63	-0.011	PASS
Band4	3	20385	15	#0	16QAM	HV	NT	-5.91	-0.003	PASS
Band4	5	19975	25	#0	QPSK	LV	NT	30.13	0.018	PASS
Band4	5	19975	25	#0	QPSK	NV	NT	21.43	0.013	PASS
Band4	5	19975	25	#0	QPSK	HV	NT	5.34	0.003	PASS
Band4	5	19975	25	#0	16QAM	LV	NT	-20.89	-0.012	PASS

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Band4	5	19975	25	#0	16QAM	NV	NT	-29.75	-0.017	PASS
Band4	5	19975	25	#0	16QAM	HV	NT	-12.85	-0.008	PASS
Band4	5	20175	25	#0	QPSK	LV	NT	-31.54	-0.018	PASS
Band4	5	20175	25	#0	QPSK	NV	NT	-9.37	-0.005	PASS
Band4	5	20175	25	#0	QPSK	HV	NT	-30.93	-0.018	PASS
Band4	5	20175	25	#0	16QAM	LV	NT	-0.41	0.000	PASS
Band4	5	20175	25	#0	16QAM	NV	NT	-9.13	-0.005	PASS
Band4	5	20175	25	#0	16QAM	HV	NT	-22.20	-0.013	PASS
Band4	5	20375	25	#0	QPSK	LV	NT	-21.83	-0.012	PASS
Band4	5	20375	25	#0	QPSK	NV	NT	8.05	0.005	PASS
Band4	5	20375	25	#0	QPSK	HV	NT	-8.94	-0.005	PASS
Band4	5	20375	25	#0	16QAM	LV	NT	-27.05	-0.015	PASS
Band4	5	20375	25	#0	16QAM	NV	NT	-7.64	-0.004	PASS
Band4	5	20375	25	#0	16QAM	HV	NT	-24.02	-0.014	PASS
Band4	10	20000	50	#0	QPSK	LV	NT	21.76	0.013	PASS
Band4	10	20000	50	#0	QPSK	NV	NT	3.20	0.002	PASS
Band4	10	20000	50	#0	QPSK	HV	NT	-6.90	-0.004	PASS
Band4	10	20000	50	#0	16QAM	LV	NT	-9.54	-0.006	PASS
Band4	10	20000	50	#0	16QAM	NV	NT	-9.84	-0.006	PASS
Band4	10	20000	50	#0	16QAM	HV	NT	-23.15	-0.013	PASS
Band4	10	20175	50	#0	QPSK	LV	NT	-7.67	-0.004	PASS
Band4	10	20175	50	#0	QPSK	NV	NT	-20.26	-0.012	PASS
Band4	10	20175	50	#0	QPSK	HV	NT	-20.16	-0.012	PASS
Band4	10	20175	50	#0	16QAM	LV	NT	-22.24	-0.013	PASS
Band4	10	20175	50	#0	16QAM	NV	NT	-24.29	-0.014	PASS
Band4	10	20175	50	#0	16QAM	HV	NT	-18.48	-0.011	PASS
Band4	10	20350	50	#0	QPSK	LV	NT	0.97	0.001	PASS
Band4	10	20350	50	#0	QPSK	NV	NT	-10.59	-0.006	PASS
Band4	10	20350	50	#0	QPSK	HV	NT	-28.07	-0.016	PASS
Band4	10	20350	50	#0	16QAM	LV	NT	-33.17	-0.019	PASS
Band4	10	20350	50	#0	16QAM	NV	NT	-23.13	-0.013	PASS
Band4	10	20350	50	#0	16QAM	HV	NT	-39.91	-0.023	PASS
Band4	15	20025	75	#0	QPSK	LV	NT	-2.96	-0.002	PASS
Band4	15	20025	75	#0	QPSK	NV	NT	0.01	0.000	PASS
Band4	15	20025	75	#0	QPSK	HV	NT	-20.96	-0.012	PASS
Band4	15	20025	75	#0	16QAM	LV	NT	-1.82	-0.001	PASS
Band4	15	20025	75	#0	16QAM	NV	NT	-26.25	-0.015	PASS
Band4	15	20025	75	#0	16QAM	HV	NT	-28.92	-0.017	PASS
Band4	15	20175	75	#0	QPSK	LV	NT	-20.57	-0.012	PASS
Band4	15	20175	75	#0	QPSK	NV	NT	-12.03	-0.007	PASS
Band4	15	20175	75	#0	QPSK	HV	NT	-34.13	-0.020	PASS
Band4	15	20175	75	#0	16QAM	LV	NT	-8.43	-0.005	PASS
Band4	15	20175	75	#0	16QAM	NV	NT	-26.74	-0.015	PASS
Band4	15	20175	75	#0	16QAM	HV	NT	-38.07	-0.022	PASS

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Band4	15	20325	75	#0	QPSK	LV	NT	-9.74	-0.006	PASS
Band4	15	20325	75	#0	QPSK	NV	NT	-13.59	-0.008	PASS
Band4	15	20325	75	#0	QPSK	HV	NT	-31.70	-0.018	PASS
Band4	15	20325	75	#0	16QAM	LV	NT	-15.23	-0.009	PASS
Band4	15	20325	75	#0	16QAM	NV	NT	-7.82	-0.004	PASS
Band4	15	20325	75	#0	16QAM	HV	NT	-18.50	-0.011	PASS
Band4	20	20050	100	#0	QPSK	LV	NT	18.30	0.011	PASS
Band4	20	20050	100	#0	QPSK	NV	NT	0.76	0.000	PASS
Band4	20	20050	100	#0	QPSK	HV	NT	-7.71	-0.004	PASS
Band4	20	20050	100	#0	16QAM	LV	NT	-32.86	-0.019	PASS
Band4	20	20050	100	#0	16QAM	NV	NT	-16.54	-0.010	PASS
Band4	20	20050	100	#0	16QAM	HV	NT	2.55	0.001	PASS
Band4	20	20175	100	#0	QPSK	LV	NT	-8.65	-0.005	PASS
Band4	20	20175	100	#0	QPSK	NV	NT	-21.26	-0.012	PASS
Band4	20	20175	100	#0	QPSK	HV	NT	-7.72	-0.004	PASS
Band4	20	20175	100	#0	16QAM	LV	NT	-14.85	-0.009	PASS
Band4	20	20175	100	#0	16QAM	NV	NT	-29.91	-0.017	PASS
Band4	20	20175	100	#0	16QAM	HV	NT	-26.39	-0.015	PASS
Band4	20	20300	100	#0	QPSK	LV	NT	-24.43	-0.014	PASS
Band4	20	20300	100	#0	QPSK	NV	NT	-14.52	-0.008	PASS
Band4	20	20300	100	#0	QPSK	HV	NT	-0.54	0.000	PASS
Band4	20	20300	100	#0	16QAM	LV	NT	-19.37	-0.011	PASS
Band4	20	20300	100	#0	16QAM	NV	NT	-16.22	-0.009	PASS
Band4	20	20300	100	#0	16QAM	HV	NT	-7.44	-0.004	PASS
Band4	1.4	19957	6	#0	QPSK	NV	-30	5.01	0.003	PASS
Band4	1.4	19957	6	#0	QPSK	NV	-20	-29.67	-0.017	PASS
Band4	1.4	19957	6	#0	QPSK	NV	0	-16.37	-0.010	PASS
Band4	1.4	19957	6	#0	QPSK	NV	10	-20.03	-0.012	PASS
Band4	1.4	19957	6	#0	QPSK	NV	20	-21.73	-0.013	PASS
Band4	1.4	19957	6	#0	QPSK	NV	30	-22.06	-0.013	PASS
Band4	1.4	19957	6	#0	QPSK	NV	40	-22.32	-0.013	PASS
Band4	1.4	19957	6	#0	QPSK	NV	50	-30.17	-0.018	PASS
Band4	1.4	19957	6	#0	16QAM	NV	-30	-32.29	-0.019	PASS
Band4	1.4	19957	6	#0	16QAM	NV	-20	-38.87	-0.023	PASS
Band4	1.4	19957	6	#0	16QAM	NV	0	-39.24	-0.023	PASS
Band4	1.4	19957	6	#0	16QAM	NV	10	-21.36	-0.012	PASS
Band4	1.4	19957	6	#0	16QAM	NV	20	-16.52	-0.010	PASS
Band4	1.4	19957	6	#0	16QAM	NV	30	-9.64	-0.006	PASS
Band4	1.4	19957	6	#0	16QAM	NV	40	-25.79	-0.015	PASS
Band4	1.4	19957	6	#0	16QAM	NV	50	-32.50	-0.019	PASS
Band4	1.4	20175	6	#0	QPSK	NV	-30	-1.26	-0.001	PASS
Band4	1.4	20175	6	#0	QPSK	NV	-20	0.33	0.000	PASS
Band4	1.4	20175	6	#0	QPSK	NV	0	-1.54	-0.001	PASS
Band4	1.4	20175	6	#0	QPSK	NV	10	-3.12	-0.002	PASS

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Band4	1.4	20175	6	#0	QPSK	NV	20	-4.75	-0.003	PASS
Band4	1.4	20175	6	#0	QPSK	NV	30	-7.20	-0.004	PASS
Band4	1.4	20175	6	#0	QPSK	NV	40	-10.63	-0.006	PASS
Band4	1.4	20175	6	#0	QPSK	NV	50	-9.14	-0.005	PASS
Band4	1.4	20175	6	#0	16QAM	NV	-30	-9.38	-0.005	PASS
Band4	1.4	20175	6	#0	16QAM	NV	-20	-13.66	-0.008	PASS
Band4	1.4	20175	6	#0	16QAM	NV	0	-13.16	-0.008	PASS
Band4	1.4	20175	6	#0	16QAM	NV	10	-12.73	-0.007	PASS
Band4	1.4	20175	6	#0	16QAM	NV	20	2.45	0.001	PASS
Band4	1.4	20175	6	#0	16QAM	NV	30	8.27	0.005	PASS
Band4	1.4	20175	6	#0	16QAM	NV	40	13.85	0.008	PASS
Band4	1.4	20175	6	#0	16QAM	NV	50	16.79	0.010	PASS
Band4	1.4	20393	6	#0	QPSK	NV	-30	5.85	0.003	PASS
Band4	1.4	20393	6	#0	QPSK	NV	-20	8.34	0.005	PASS
Band4	1.4	20393	6	#0	QPSK	NV	0	11.74	0.007	PASS
Band4	1.4	20393	6	#0	QPSK	NV	10	-1.60	-0.001	PASS
Band4	1.4	20393	6	#0	QPSK	NV	20	-6.85	-0.004	PASS
Band4	1.4	20393	6	#0	QPSK	NV	30	-13.63	-0.008	PASS
Band4	1.4	20393	6	#0	QPSK	NV	40	-23.50	-0.013	PASS
Band4	1.4	20393	6	#0	QPSK	NV	50	-30.81	-0.018	PASS
Band4	1.4	20393	6	#0	16QAM	NV	-30	-31.39	-0.018	PASS
Band4	1.4	20393	6	#0	16QAM	NV	-20	-41.08	-0.023	PASS
Band4	1.4	20393	6	#0	16QAM	NV	0	3.40	0.002	PASS
Band4	1.4	20393	6	#0	16QAM	NV	10	10.57	0.006	PASS
Band4	1.4	20393	6	#0	16QAM	NV	20	3.10	0.002	PASS
Band4	1.4	20393	6	#0	16QAM	NV	30	-3.22	-0.002	PASS
Band4	1.4	20393	6	#0	16QAM	NV	40	2.10	0.001	PASS
Band4	1.4	20393	6	#0	16QAM	NV	50	-1.63	-0.001	PASS
Band4	3	19965	15	#0	QPSK	NV	-30	15.45	0.009	PASS
Band4	3	19965	15	#0	QPSK	NV	-20	19.66	0.011	PASS
Band4	3	19965	15	#0	QPSK	NV	0	22.26	0.013	PASS
Band4	3	19965	15	#0	QPSK	NV	10	-4.01	-0.002	PASS
Band4	3	19965	15	#0	QPSK	NV	20	-9.84	-0.006	PASS
Band4	3	19965	15	#0	QPSK	NV	30	-12.66	-0.007	PASS
Band4	3	19965	15	#0	QPSK	NV	40	-10.19	-0.006	PASS
Band4	3	19965	15	#0	QPSK	NV	50	-20.34	-0.012	PASS
Band4	3	19965	15	#0	16QAM	NV	-30	-29.25	-0.017	PASS
Band4	3	19965	15	#0	16QAM	NV	-20	-39.38	-0.023	PASS
Band4	3	19965	15	#0	16QAM	NV	0	-36.72	-0.021	PASS
Band4	3	19965	15	#0	16QAM	NV	10	-14.26	-0.008	PASS
Band4	3	19965	15	#0	16QAM	NV	20	-17.47	-0.010	PASS
Band4	3	19965	15	#0	16QAM	NV	30	-7.24	-0.004	PASS
Band4	3	19965	15	#0	16QAM	NV	40	-8.17	-0.005	PASS
Band4	3	19965	15	#0	16QAM	NV	50	-8.61	-0.005	PASS

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Band4	3	20175	15	#0	QPSK	NV	-30	3.19	0.002	PASS
Band4	3	20175	15	#0	QPSK	NV	-20	3.52	0.002	PASS
Band4	3	20175	15	#0	QPSK	NV	0	1.46	0.001	PASS
Band4	3	20175	15	#0	QPSK	NV	10	-0.86	0.000	PASS
Band4	3	20175	15	#0	QPSK	NV	20	-4.52	-0.003	PASS
Band4	3	20175	15	#0	QPSK	NV	30	-8.00	-0.005	PASS
Band4	3	20175	15	#0	QPSK	NV	40	1.26	0.001	PASS
Band4	3	20175	15	#0	QPSK	NV	50	2.43	0.001	PASS
Band4	3	20175	15	#0	16QAM	NV	-30	2.99	0.002	PASS
Band4	3	20175	15	#0	16QAM	NV	-20	4.48	0.003	PASS
Band4	3	20175	15	#0	16QAM	NV	0	-10.53	-0.006	PASS
Band4	3	20175	15	#0	16QAM	NV	10	-5.84	-0.003	PASS
Band4	3	20175	15	#0	16QAM	NV	20	2.82	0.002	PASS
Band4	3	20175	15	#0	16QAM	NV	30	5.38	0.003	PASS
Band4	3	20175	15	#0	16QAM	NV	40	14.92	0.009	PASS
Band4	3	20175	15	#0	16QAM	NV	50	7.55	0.004	PASS
Band4	3	20385	15	#0	QPSK	NV	-30	7.60	0.004	PASS
Band4	3	20385	15	#0	QPSK	NV	-20	11.39	0.006	PASS
Band4	3	20385	15	#0	QPSK	NV	0	10.93	0.006	PASS
Band4	3	20385	15	#0	QPSK	NV	10	11.03	0.006	PASS
Band4	3	20385	15	#0	QPSK	NV	20	-6.01	-0.003	PASS
Band4	3	20385	15	#0	QPSK	NV	30	-13.16	-0.008	PASS
Band4	3	20385	15	#0	QPSK	NV	40	-15.76	-0.009	PASS
Band4	3	20385	15	#0	QPSK	NV	50	-23.83	-0.014	PASS
Band4	3	20385	15	#0	16QAM	NV	-30	-28.95	-0.017	PASS
Band4	3	20385	15	#0	16QAM	NV	-20	-42.27	-0.024	PASS
Band4	3	20385	15	#0	16QAM	NV	0	-44.88	-0.026	PASS
Band4	3	20385	15	#0	16QAM	NV	10	-12.19	-0.007	PASS
Band4	3	20385	15	#0	16QAM	NV	20	-17.32	-0.010	PASS
Band4	3	20385	15	#0	16QAM	NV	30	-19.20	-0.011	PASS
Band4	3	20385	15	#0	16QAM	NV	40	-21.53	-0.012	PASS
Band4	3	20385	15	#0	16QAM	NV	50	-23.29	-0.013	PASS
Band4	5	19975	25	#0	QPSK	NV	-30	16.24	0.009	PASS
Band4	5	19975	25	#0	QPSK	NV	-20	24.03	0.014	PASS
Band4	5	19975	25	#0	QPSK	NV	0	28.94	0.017	PASS
Band4	5	19975	25	#0	QPSK	NV	10	25.65	0.015	PASS
Band4	5	19975	25	#0	QPSK	NV	20	23.30	0.014	PASS
Band4	5	19975	25	#0	QPSK	NV	30	-8.84	-0.005	PASS
Band4	5	19975	25	#0	QPSK	NV	40	-14.83	-0.009	PASS
Band4	5	19975	25	#0	QPSK	NV	50	-24.99	-0.015	PASS
Band4	5	19975	25	#0	16QAM	NV	-30	14.68	0.009	PASS
Band4	5	19975	25	#0	16QAM	NV	-20	4.91	0.003	PASS
Band4	5	19975	25	#0	16QAM	NV	0	-2.83	-0.002	PASS
Band4	5	19975	25	#0	16QAM	NV	10	-6.68	-0.004	PASS

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Band4	5	19975	25	#0	16QAM	NV	20	-12.97	-0.008	PASS
Band4	5	19975	25	#0	16QAM	NV	30	-12.86	-0.008	PASS
Band4	5	19975	25	#0	16QAM	NV	40	-17.17	-0.010	PASS
Band4	5	19975	25	#0	16QAM	NV	50	-15.31	-0.009	PASS
Band4	5	20175	25	#0	QPSK	NV	-30	1.30	0.001	PASS
Band4	5	20175	25	#0	QPSK	NV	-20	-8.33	-0.005	PASS
Band4	5	20175	25	#0	QPSK	NV	0	-10.30	-0.006	PASS
Band4	5	20175	25	#0	QPSK	NV	10	-6.92	-0.004	PASS
Band4	5	20175	25	#0	QPSK	NV	20	5.28	0.003	PASS
Band4	5	20175	25	#0	QPSK	NV	30	-4.84	-0.003	PASS
Band4	5	20175	25	#0	QPSK	NV	40	-5.68	-0.003	PASS
Band4	5	20175	25	#0	QPSK	NV	50	-9.54	-0.006	PASS
Band4	5	20175	25	#0	16QAM	NV	-30	-7.17	-0.004	PASS
Band4	5	20175	25	#0	16QAM	NV	-20	-6.01	-0.003	PASS
Band4	5	20175	25	#0	16QAM	NV	0	0.44	0.000	PASS
Band4	5	20175	25	#0	16QAM	NV	10	-2.22	-0.001	PASS
Band4	5	20175	25	#0	16QAM	NV	20	-1.75	-0.001	PASS
Band4	5	20175	25	#0	16QAM	NV	30	2.75	0.002	PASS
Band4	5	20175	25	#0	16QAM	NV	40	11.10	0.006	PASS
Band4	5	20175	25	#0	16QAM	NV	50	22.07	0.013	PASS
Band4	5	20375	25	#0	QPSK	NV	-30	31.03	0.018	PASS
Band4	5	20375	25	#0	QPSK	NV	-20	33.46	0.019	PASS
Band4	5	20375	25	#0	QPSK	NV	0	32.90	0.019	PASS
Band4	5	20375	25	#0	QPSK	NV	10	23.62	0.013	PASS
Band4	5	20375	25	#0	QPSK	NV	20	17.67	0.010	PASS
Band4	5	20375	25	#0	QPSK	NV	30	-4.51	-0.003	PASS
Band4	5	20375	25	#0	QPSK	NV	40	-16.85	-0.010	PASS
Band4	5	20375	25	#0	QPSK	NV	50	-28.37	-0.016	PASS
Band4	5	20375	25	#0	16QAM	NV	-30	-1.92	-0.001	PASS
Band4	5	20375	25	#0	16QAM	NV	-20	-10.43	-0.006	PASS
Band4	5	20375	25	#0	16QAM	NV	0	-14.89	-0.008	PASS
Band4	5	20375	25	#0	16QAM	NV	10	-9.84	-0.006	PASS
Band4	5	20375	25	#0	16QAM	NV	20	-8.87	-0.005	PASS
Band4	5	20375	25	#0	16QAM	NV	30	-11.66	-0.007	PASS
Band4	5	20375	25	#0	16QAM	NV	40	-12.55	-0.007	PASS
Band4	5	20375	25	#0	16QAM	NV	50	10.66	0.006	PASS
Band4	10	20000	50	#0	QPSK	NV	-30	26.41	0.015	PASS
Band4	10	20000	50	#0	QPSK	NV	-20	9.03	0.005	PASS
Band4	10	20000	50	#0	QPSK	NV	0	15.76	0.009	PASS
Band4	10	20000	50	#0	QPSK	NV	10	14.51	0.008	PASS
Band4	10	20000	50	#0	QPSK	NV	20	-15.54	-0.009	PASS
Band4	10	20000	50	#0	QPSK	NV	30	-23.33	-0.014	PASS
Band4	10	20000	50	#0	QPSK	NV	40	-33.22	-0.019	PASS
Band4	10	20000	50	#0	QPSK	NV	50	-40.24	-0.023	PASS

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Band4	10	20000	50	#0	16QAM	NV	-30	-5.02	-0.003	PASS
Band4	10	20000	50	#0	16QAM	NV	-20	-18.18	-0.011	PASS
Band4	10	20000	50	#0	16QAM	NV	0	-23.75	-0.014	PASS
Band4	10	20000	50	#0	16QAM	NV	10	-28.08	-0.016	PASS
Band4	10	20000	50	#0	16QAM	NV	20	-30.04	-0.018	PASS
Band4	10	20000	50	#0	16QAM	NV	30	-32.01	-0.019	PASS
Band4	10	20000	50	#0	16QAM	NV	40	-30.86	-0.018	PASS
Band4	10	20000	50	#0	16QAM	NV	50	4.89	0.003	PASS
Band4	10	20175	50	#0	QPSK	NV	-30	5.41	0.003	PASS
Band4	10	20175	50	#0	QPSK	NV	-20	10.14	0.006	PASS
Band4	10	20175	50	#0	QPSK	NV	0	14.86	0.009	PASS
Band4	10	20175	50	#0	QPSK	NV	10	16.32	0.009	PASS
Band4	10	20175	50	#0	QPSK	NV	20	13.93	0.008	PASS
Band4	10	20175	50	#0	QPSK	NV	30	-2.29	-0.001	PASS
Band4	10	20175	50	#0	QPSK	NV	40	10.70	0.006	PASS
Band4	10	20175	50	#0	QPSK	NV	50	19.43	0.011	PASS
Band4	10	20175	50	#0	16QAM	NV	-30	17.51	0.010	PASS
Band4	10	20175	50	#0	16QAM	NV	-20	19.38	0.011	PASS
Band4	10	20175	50	#0	16QAM	NV	0	24.43	0.014	PASS
Band4	10	20175	50	#0	16QAM	NV	10	30.73	0.018	PASS
Band4	10	20175	50	#0	16QAM	NV	20	19.48	0.011	PASS
Band4	10	20175	50	#0	16QAM	NV	30	27.19	0.016	PASS
Band4	10	20175	50	#0	16QAM	NV	40	37.32	0.022	PASS
Band4	10	20175	50	#0	16QAM	NV	50	40.48	0.023	PASS
Band4	10	20350	50	#0	QPSK	NV	-30	5.74	0.003	PASS
Band4	10	20350	50	#0	QPSK	NV	-20	12.87	0.007	PASS
Band4	10	20350	50	#0	QPSK	NV	0	-12.72	-0.007	PASS
Band4	10	20350	50	#0	QPSK	NV	10	-6.22	-0.004	PASS
Band4	10	20350	50	#0	QPSK	NV	20	-4.12	-0.002	PASS
Band4	10	20350	50	#0	QPSK	NV	30	-15.36	-0.009	PASS
Band4	10	20350	50	#0	QPSK	NV	40	-25.81	-0.015	PASS
Band4	10	20350	50	#0	QPSK	NV	50	-13.35	-0.008	PASS
Band4	10	20350	50	#0	16QAM	NV	-30	-4.45	-0.003	PASS
Band4	10	20350	50	#0	16QAM	NV	-20	-3.48	-0.002	PASS
Band4	10	20350	50	#0	16QAM	NV	0	-9.68	-0.006	PASS
Band4	10	20350	50	#0	16QAM	NV	10	-15.05	-0.009	PASS
Band4	10	20350	50	#0	16QAM	NV	20	-13.42	-0.008	PASS
Band4	10	20350	50	#0	16QAM	NV	30	-13.60	-0.008	PASS
Band4	10	20350	50	#0	16QAM	NV	40	-11.56	-0.007	PASS
Band4	10	20350	50	#0	16QAM	NV	50	-10.97	-0.006	PASS
Band4	15	20025	75	#0	QPSK	NV	-30	11.60	0.007	PASS
Band4	15	20025	75	#0	QPSK	NV	-20	21.56	0.013	PASS
Band4	15	20025	75	#0	QPSK	NV	0	20.50	0.012	PASS
Band4	15	20025	75	#0	QPSK	NV	10	12.00	0.007	PASS

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Band4	15	20025	75	#0	QPSK	NV	20	-3.08	-0.002	PASS
Band4	15	20025	75	#0	QPSK	NV	30	-11.27	-0.007	PASS
Band4	15	20025	75	#0	QPSK	NV	40	-24.10	-0.014	PASS
Band4	15	20025	75	#0	QPSK	NV	50	-40.90	-0.024	PASS
Band4	15	20025	75	#0	16QAM	NV	-30	-13.52	-0.008	PASS
Band4	15	20025	75	#0	16QAM	NV	-20	-22.07	-0.013	PASS
Band4	15	20025	75	#0	16QAM	NV	0	-24.38	-0.014	PASS
Band4	15	20025	75	#0	16QAM	NV	10	-24.40	-0.014	PASS
Band4	15	20025	75	#0	16QAM	NV	20	-24.29	-0.014	PASS
Band4	15	20025	75	#0	16QAM	NV	30	-23.33	-0.014	PASS
Band4	15	20025	75	#0	16QAM	NV	40	-19.83	-0.012	PASS
Band4	15	20025	75	#0	16QAM	NV	50	-15.39	-0.009	PASS
Band4	15	20175	75	#0	QPSK	NV	-30	26.32	0.015	PASS
Band4	15	20175	75	#0	QPSK	NV	-20	4.42	0.003	PASS
Band4	15	20175	75	#0	QPSK	NV	0	0.44	0.000	PASS
Band4	15	20175	75	#0	QPSK	NV	10	1.34	0.001	PASS
Band4	15	20175	75	#0	QPSK	NV	20	-2.85	-0.002	PASS
Band4	15	20175	75	#0	QPSK	NV	30	-4.63	-0.003	PASS
Band4	15	20175	75	#0	QPSK	NV	40	-7.07	-0.004	PASS
Band4	15	20175	75	#0	QPSK	NV	50	-0.79	0.000	PASS
Band4	15	20175	75	#0	16QAM	NV	-30	-1.66	-0.001	PASS
Band4	15	20175	75	#0	16QAM	NV	-20	8.41	0.005	PASS
Band4	15	20175	75	#0	16QAM	NV	0	15.91	0.009	PASS
Band4	15	20175	75	#0	16QAM	NV	10	1.14	0.001	PASS
Band4	15	20175	75	#0	16QAM	NV	20	4.15	0.002	PASS
Band4	15	20175	75	#0	16QAM	NV	30	16.92	0.010	PASS
Band4	15	20175	75	#0	16QAM	NV	40	6.07	0.004	PASS
Band4	15	20175	75	#0	16QAM	NV	50	17.74	0.010	PASS
Band4	15	20325	75	#0	QPSK	NV	-30	2.06	0.001	PASS
Band4	15	20325	75	#0	QPSK	NV	-20	-5.18	-0.003	PASS
Band4	15	20325	75	#0	QPSK	NV	0	-14.83	-0.008	PASS
Band4	15	20325	75	#0	QPSK	NV	10	-29.18	-0.017	PASS
Band4	15	20325	75	#0	QPSK	NV	20	-12.80	-0.007	PASS
Band4	15	20325	75	#0	QPSK	NV	30	-33.62	-0.019	PASS
Band4	15	20325	75	#0	QPSK	NV	40	-15.25	-0.009	PASS
Band4	15	20325	75	#0	QPSK	NV	50	-41.53	-0.024	PASS
Band4	15	20325	75	#0	16QAM	NV	-30	-12.57	-0.007	PASS
Band4	15	20325	75	#0	16QAM	NV	-20	-22.99	-0.013	PASS
Band4	15	20325	75	#0	16QAM	NV	0	6.04	0.003	PASS
Band4	15	20325	75	#0	16QAM	NV	10	5.72	0.003	PASS
Band4	15	20325	75	#0	16QAM	NV	20	5.85	0.003	PASS
Band4	15	20325	75	#0	16QAM	NV	30	8.61	0.005	PASS
Band4	15	20325	75	#0	16QAM	NV	40	12.56	0.007	PASS
Band4	15	20325	75	#0	16QAM	NV	50	16.34	0.009	PASS

Report No.: \${Report number}_Appendix LTE Band 4

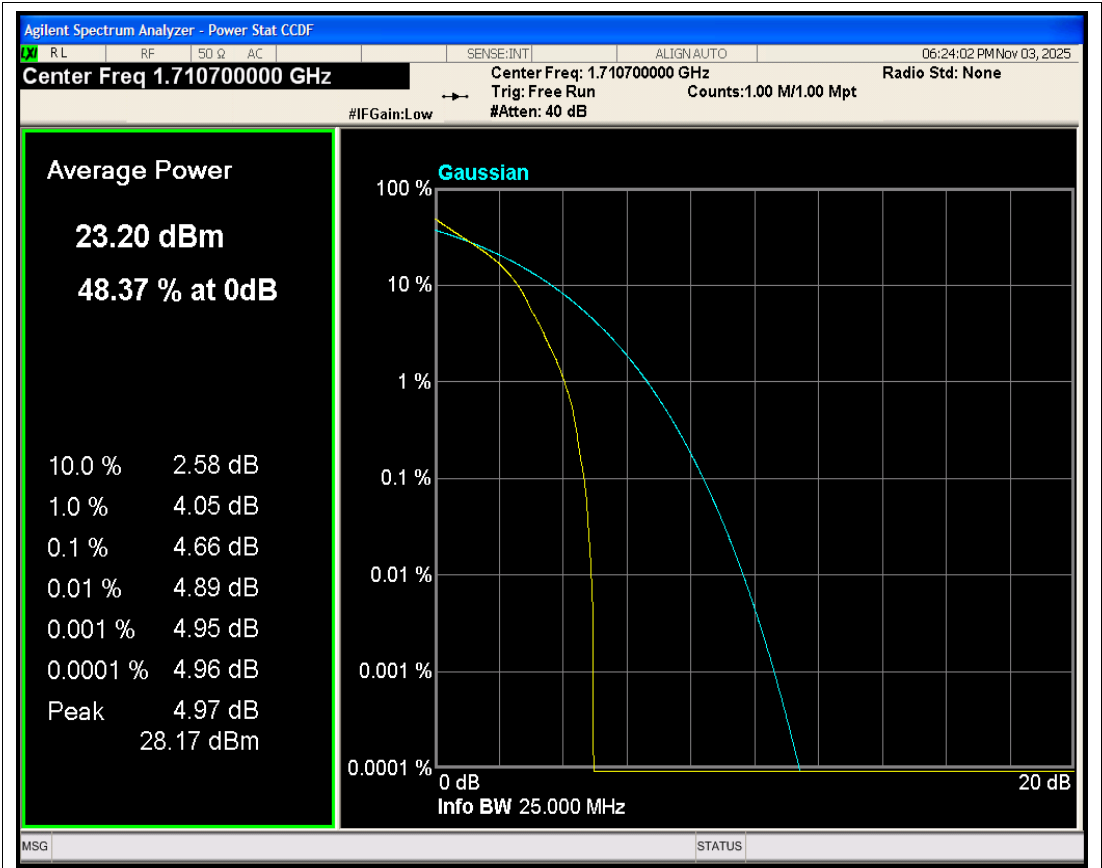
Band4	20	20050	100	#0	QPSK	NV	-30	8.88	0.005	PASS
Band4	20	20050	100	#0	QPSK	NV	-20	8.20	0.005	PASS
Band4	20	20050	100	#0	QPSK	NV	0	-4.42	-0.003	PASS
Band4	20	20050	100	#0	QPSK	NV	10	-4.98	-0.003	PASS
Band4	20	20050	100	#0	QPSK	NV	20	-25.05	-0.015	PASS
Band4	20	20050	100	#0	QPSK	NV	30	-15.32	-0.009	PASS
Band4	20	20050	100	#0	QPSK	NV	40	-12.30	-0.007	PASS
Band4	20	20050	100	#0	QPSK	NV	50	-30.16	-0.018	PASS
Band4	20	20050	100	#0	16QAM	NV	-30	-8.91	-0.005	PASS
Band4	20	20050	100	#0	16QAM	NV	-20	-16.38	-0.010	PASS
Band4	20	20050	100	#0	16QAM	NV	0	-4.01	-0.002	PASS
Band4	20	20050	100	#0	16QAM	NV	10	-4.13	-0.002	PASS
Band4	20	20050	100	#0	16QAM	NV	20	-7.02	-0.004	PASS
Band4	20	20050	100	#0	16QAM	NV	30	-1.16	-0.001	PASS
Band4	20	20050	100	#0	16QAM	NV	40	-0.27	0.000	PASS
Band4	20	20050	100	#0	16QAM	NV	50	1.49	0.001	PASS
Band4	20	20175	100	#0	QPSK	NV	-30	3.81	0.002	PASS
Band4	20	20175	100	#0	QPSK	NV	-20	9.46	0.005	PASS
Band4	20	20175	100	#0	QPSK	NV	0	2.33	0.001	PASS
Band4	20	20175	100	#0	QPSK	NV	10	-9.54	-0.006	PASS
Band4	20	20175	100	#0	QPSK	NV	20	-27.37	-0.016	PASS
Band4	20	20175	100	#0	QPSK	NV	30	-33.96	-0.020	PASS
Band4	20	20175	100	#0	QPSK	NV	40	-7.93	-0.005	PASS
Band4	20	20175	100	#0	QPSK	NV	50	-22.34	-0.013	PASS
Band4	20	20175	100	#0	16QAM	NV	-30	-23.65	-0.014	PASS
Band4	20	20175	100	#0	16QAM	NV	-20	9.40	0.005	PASS
Band4	20	20175	100	#0	16QAM	NV	0	19.83	0.011	PASS
Band4	20	20175	100	#0	16QAM	NV	10	31.36	0.018	PASS
Band4	20	20175	100	#0	16QAM	NV	20	43.06	0.025	PASS
Band4	20	20175	100	#0	16QAM	NV	30	-6.98	-0.004	PASS
Band4	20	20175	100	#0	16QAM	NV	40	2.65	0.002	PASS
Band4	20	20175	100	#0	16QAM	NV	50	18.18	0.010	PASS
Band4	20	20300	100	#0	QPSK	NV	-30	2.83	0.002	PASS
Band4	20	20300	100	#0	QPSK	NV	-20	6.37	0.004	PASS
Band4	20	20300	100	#0	QPSK	NV	0	-3.68	-0.002	PASS
Band4	20	20300	100	#0	QPSK	NV	10	-17.91	-0.010	PASS
Band4	20	20300	100	#0	QPSK	NV	20	-36.39	-0.021	PASS
Band4	20	20300	100	#0	QPSK	NV	30	-3.60	-0.002	PASS
Band4	20	20300	100	#0	QPSK	NV	40	-20.56	-0.012	PASS
Band4	20	20300	100	#0	QPSK	NV	50	-19.33	-0.011	PASS
Band4	20	20300	100	#0	16QAM	NV	-30	-12.42	-0.007	PASS
Band4	20	20300	100	#0	16QAM	NV	-20	-19.71	-0.011	PASS
Band4	20	20300	100	#0	16QAM	NV	0	-19.78	-0.011	PASS
Band4	20	20300	100	#0	16QAM	NV	10	-16.68	-0.010	PASS

Report No.: \${Report number}_Appendix LTE Band 4

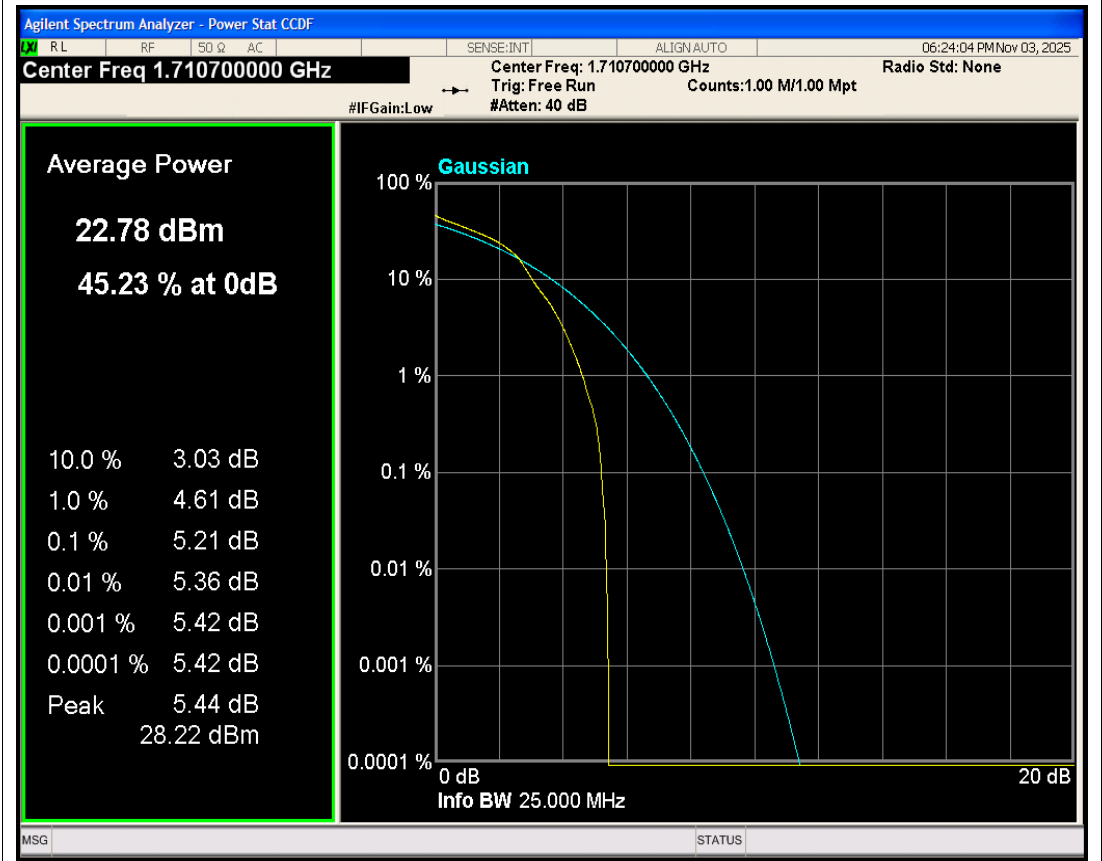
Band4	20	20300	100	#0	16QAM	NV	20	-9.21	-0.005	PASS
Band4	20	20300	100	#0	16QAM	NV	30	-3.89	-0.002	PASS
Band4	20	20300	100	#0	16QAM	NV	40	0.04	0.000	PASS
Band4	20	20300	100	#0	16QAM	NV	50	-0.77	0.000	PASS

Appendix 3. Peak-to-Average Ratio

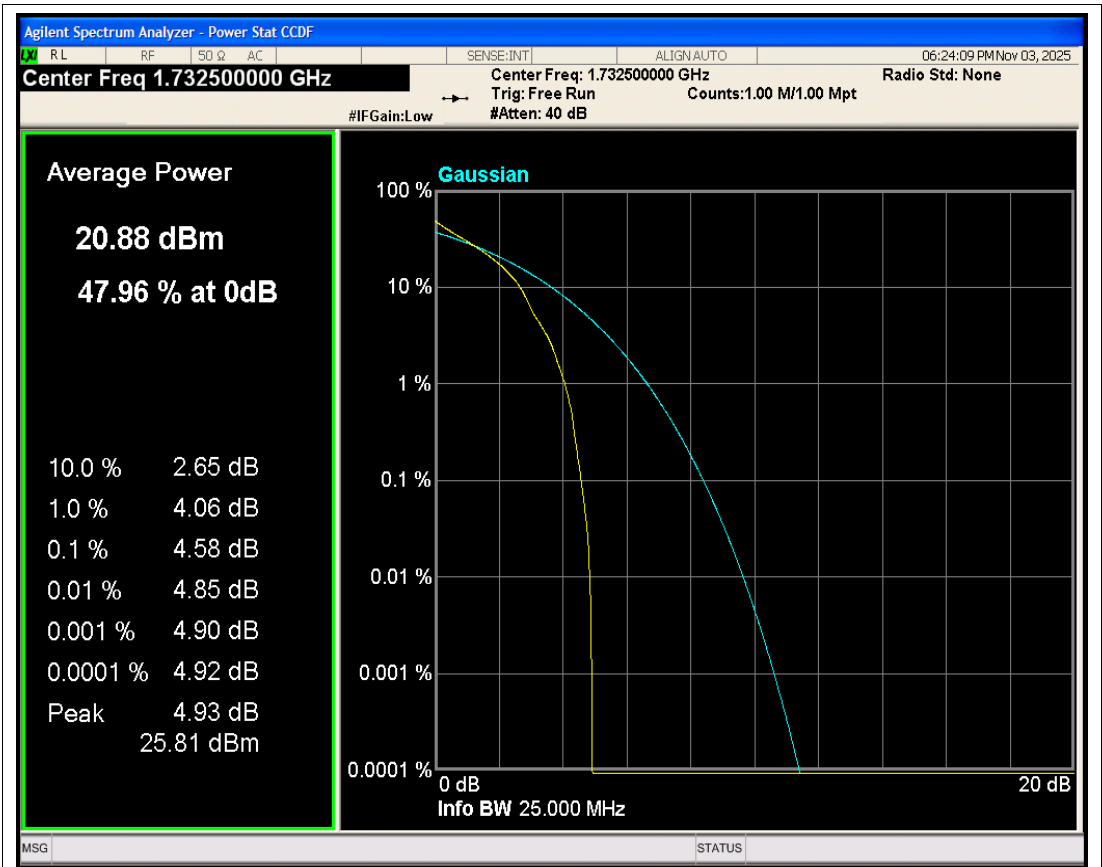
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
Band4	1.4	19957	1	#0	QPSK	4.66	13	PASS
Band4	1.4	19957	1	#0	16QAM	5.21	13	PASS
Band4	1.4	20175	1	#0	QPSK	4.58	13	PASS
Band4	1.4	20175	1	#0	16QAM	5.21	13	PASS
Band4	1.4	20393	1	#0	QPSK	5.05	13	PASS
Band4	1.4	20393	1	#0	16QAM	5.71	13	PASS
Band4	3	19965	1	#0	QPSK	4.66	13	PASS
Band4	3	19965	1	#0	16QAM	5.32	13	PASS
Band4	3	20175	1	#0	QPSK	4.76	13	PASS
Band4	3	20175	1	#0	16QAM	5.09	13	PASS
Band4	3	20385	1	#0	QPSK	4.78	13	PASS
Band4	3	20385	1	#0	16QAM	5.52	13	PASS
Band4	5	19975	1	#0	QPSK	4.78	13	PASS
Band4	5	19975	1	#0	16QAM	5.53	13	PASS
Band4	5	20175	1	#0	QPSK	4.84	13	PASS
Band4	5	20175	1	#0	16QAM	5.33	13	PASS
Band4	5	20375	1	#0	QPSK	4.85	13	PASS
Band4	5	20375	1	#0	16QAM	5.41	13	PASS
Band4	10	20000	1	#0	QPSK	4.63	13	PASS
Band4	10	20000	1	#0	16QAM	5.20	13	PASS
Band4	10	20175	1	#0	QPSK	5.28	13	PASS
Band4	10	20175	1	#0	16QAM	6.16	13	PASS
Band4	10	20350	1	#0	QPSK	4.51	13	PASS
Band4	10	20350	1	#0	16QAM	5.32	13	PASS
Band4	15	20025	1	#0	QPSK	4.67	13	PASS
Band4	15	20025	1	#0	16QAM	5.18	13	PASS
Band4	15	20175	1	#0	QPSK	5.54	13	PASS
Band4	15	20175	1	#0	16QAM	6.35	13	PASS
Band4	15	20325	1	#0	QPSK	4.34	13	PASS
Band4	15	20325	1	#0	16QAM	4.75	13	PASS
Band4	20	20050	1	#0	QPSK	4.50	13	PASS
Band4	20	20050	1	#0	16QAM	5.04	13	PASS
Band4	20	20175	1	#0	QPSK	5.61	13	PASS
Band4	20	20175	1	#0	16QAM	6.37	13	PASS
Band4	20	20300	1	#0	QPSK	4.18	13	PASS
Band4	20	20300	1	#0	16QAM	4.75	13	PASS



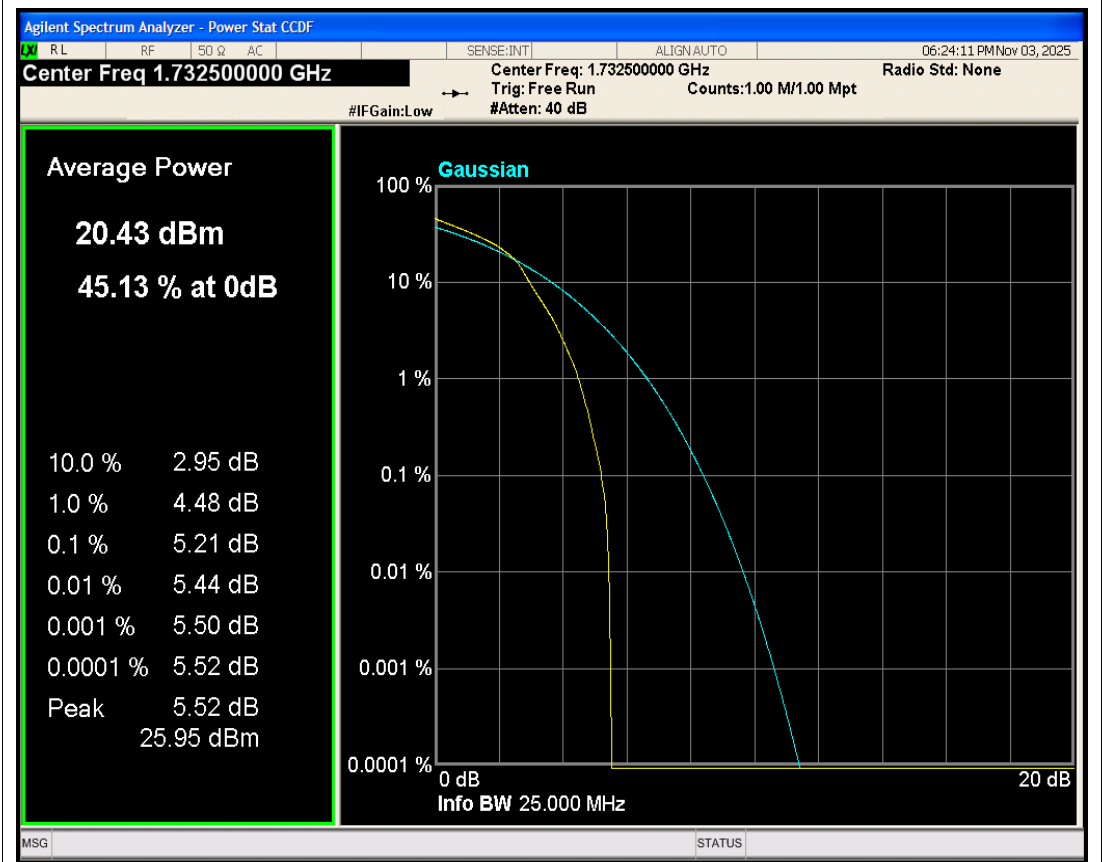
Band4 QPSK BW=1.4MHz Channel=19957 RB Size=1 Position=#0



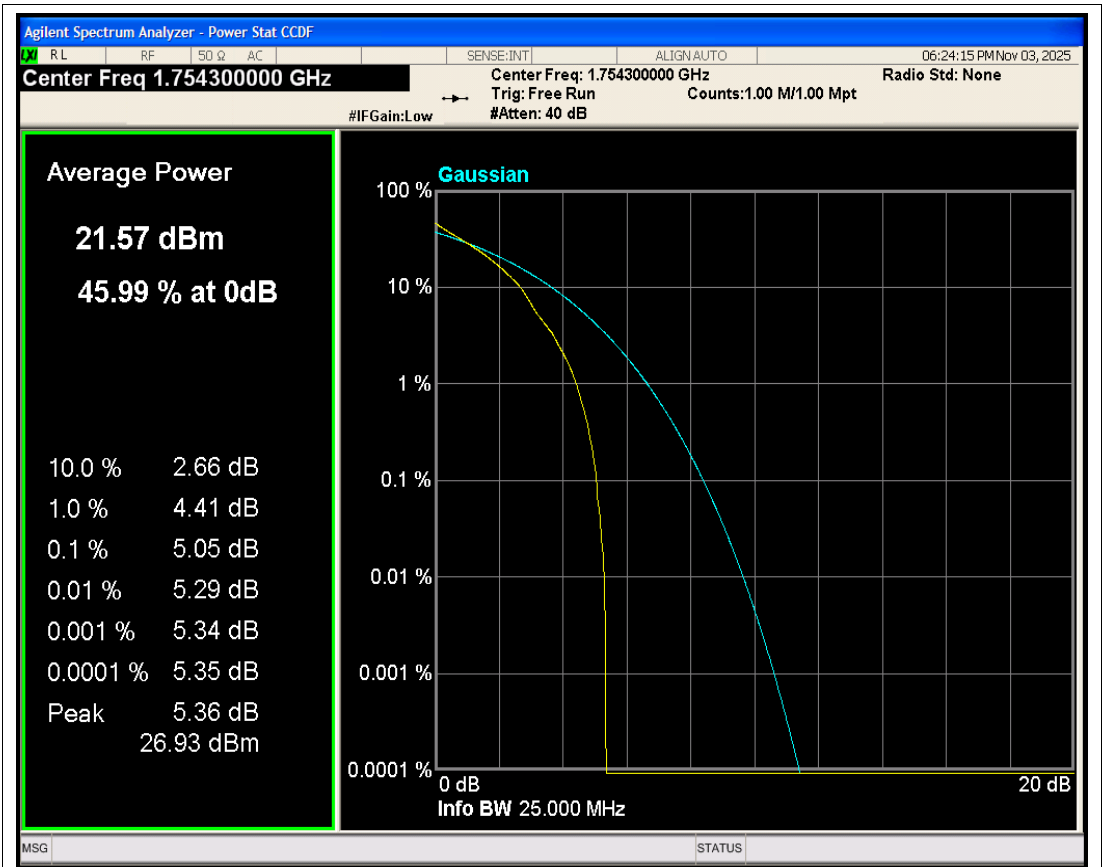
Band4 16QAM BW=1.4MHz Channel=19957 RB Size=1 Position=#0



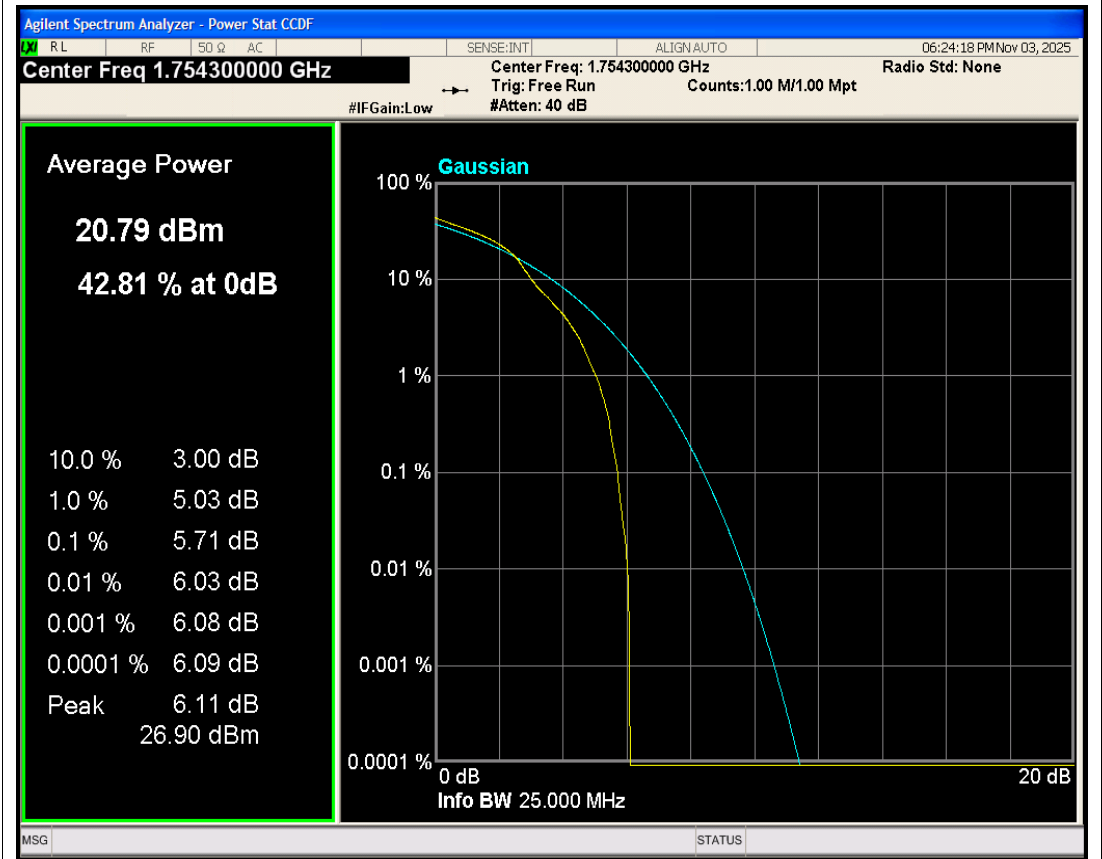
Band4 QPSK BW=1.4MHz Channel=20175 RB Size=1 Position=#0



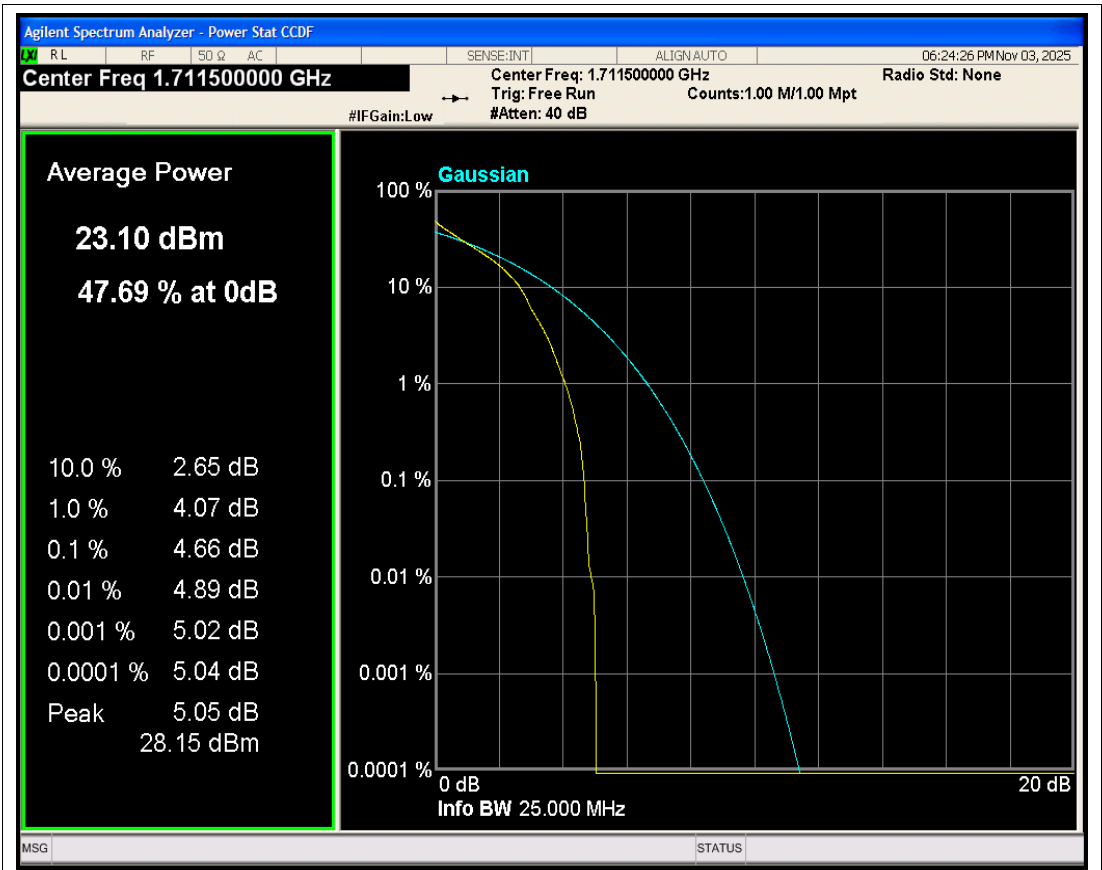
Band4 16QAM BW=1.4MHz Channel=20175 RB Size=1 Position=#0



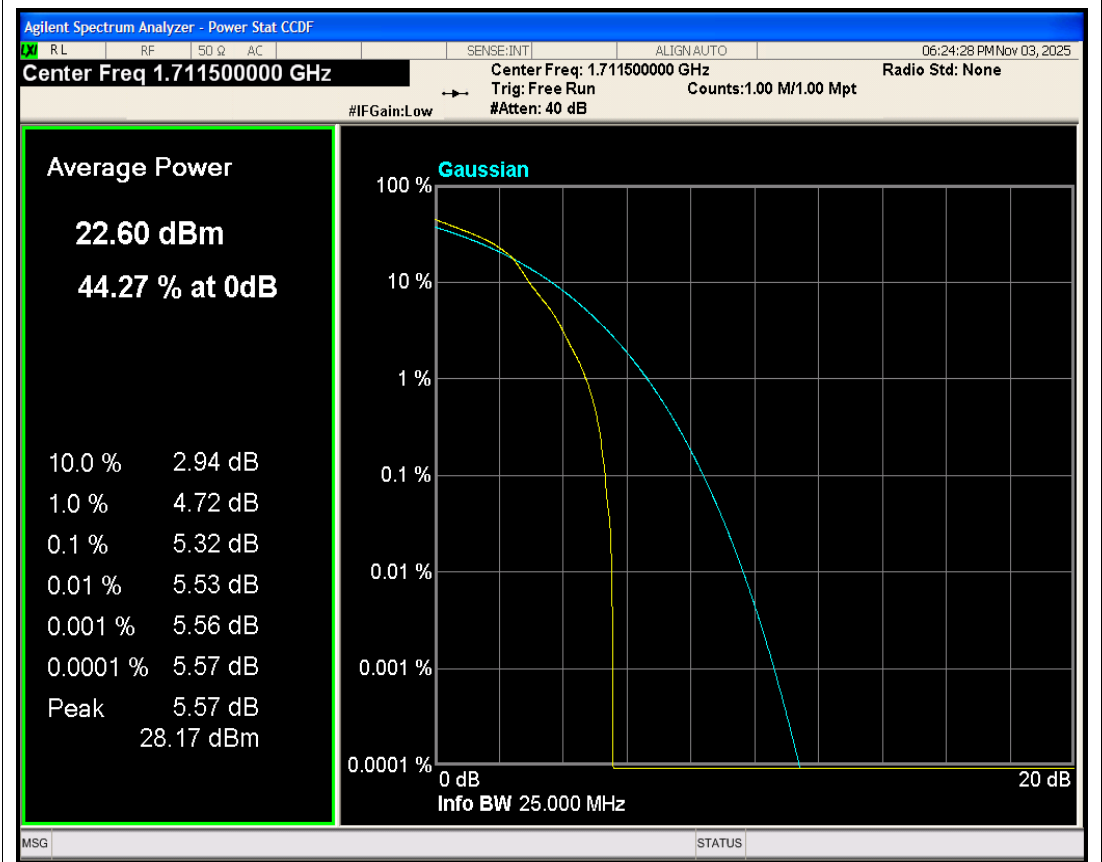
Band4 QPSK BW=1.4MHz Channel=20393 RB Size=1 Position=#0



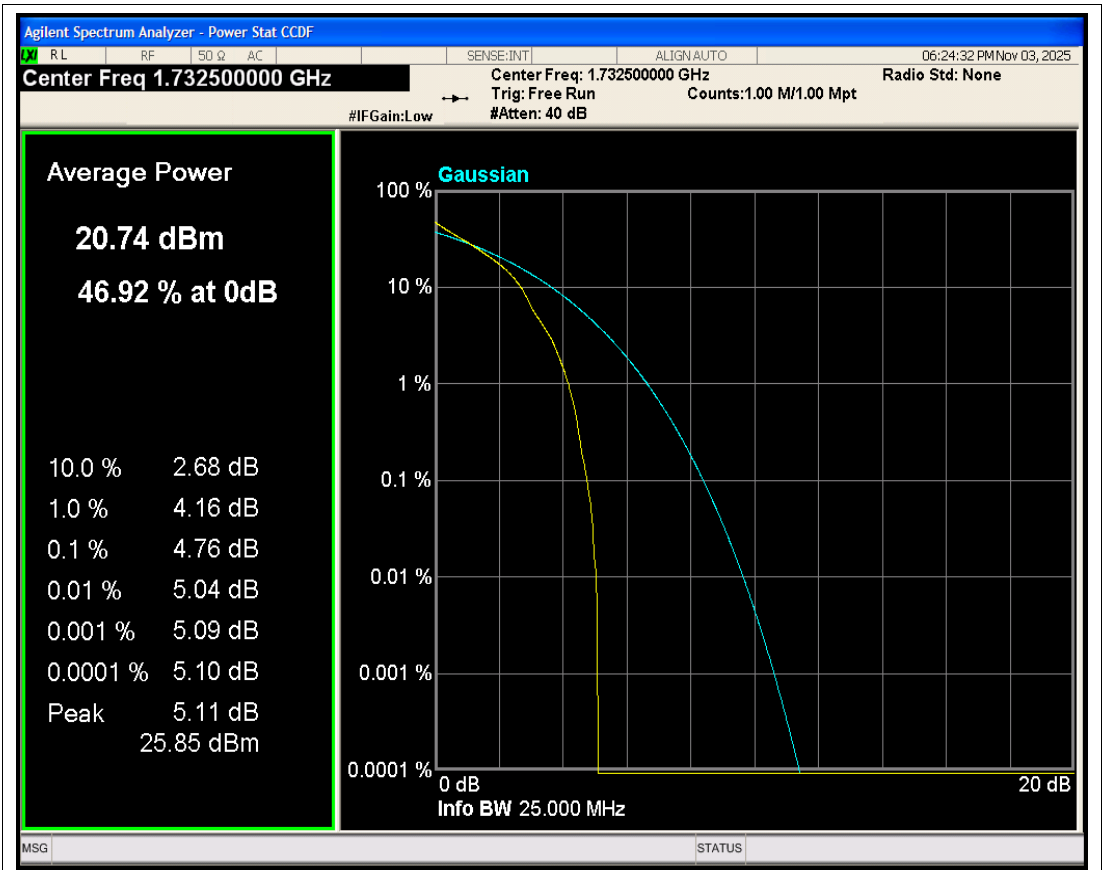
Band4 16QAM BW=1.4MHz Channel=20393 RB Size=1 Position=#0



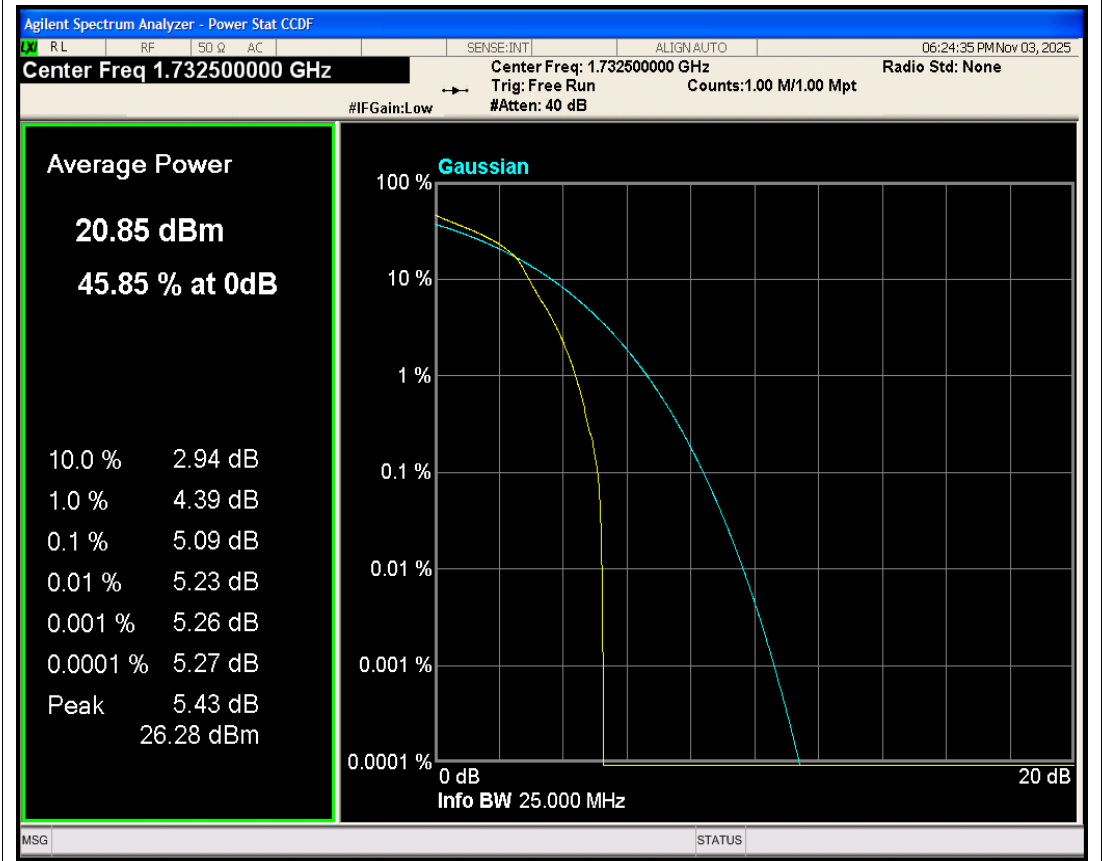
Band4 QPSK BW=3MHz Channel=19965 RB Size=1 Position=#0



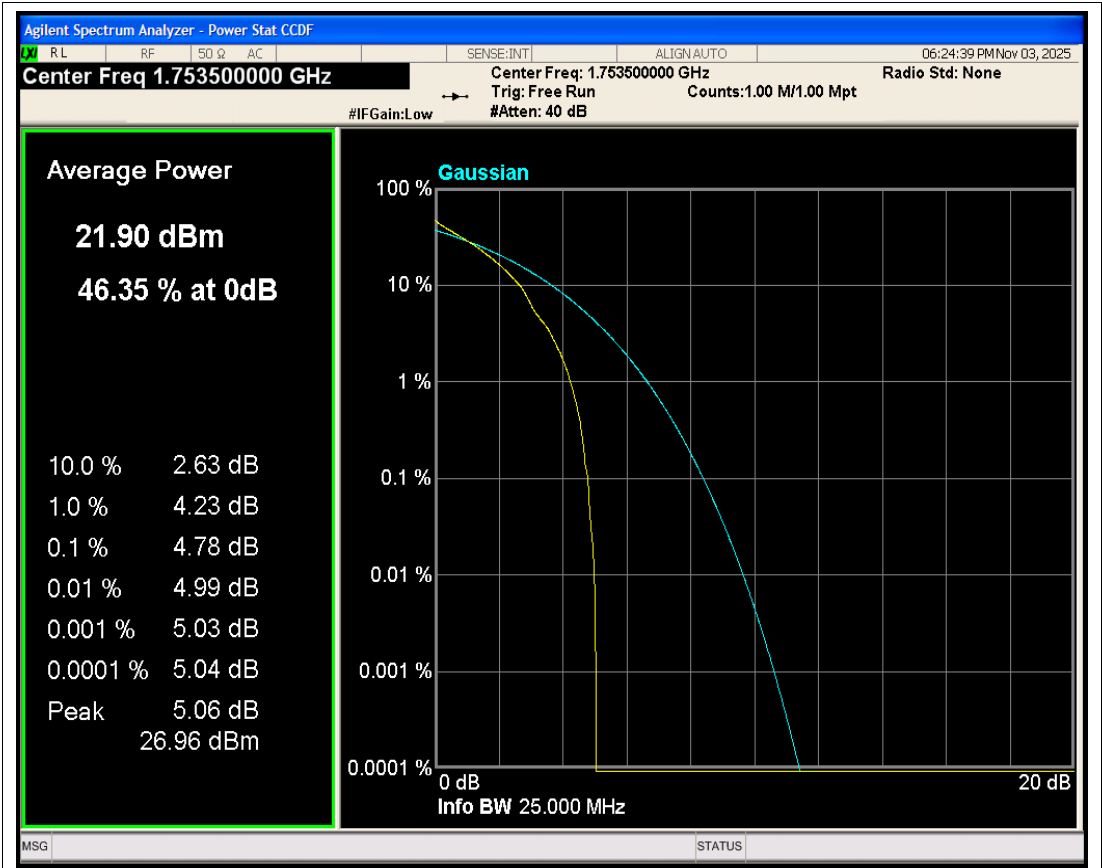
Band4 16QAM BW=3MHz Channel=19965 RB Size=1 Position=#0



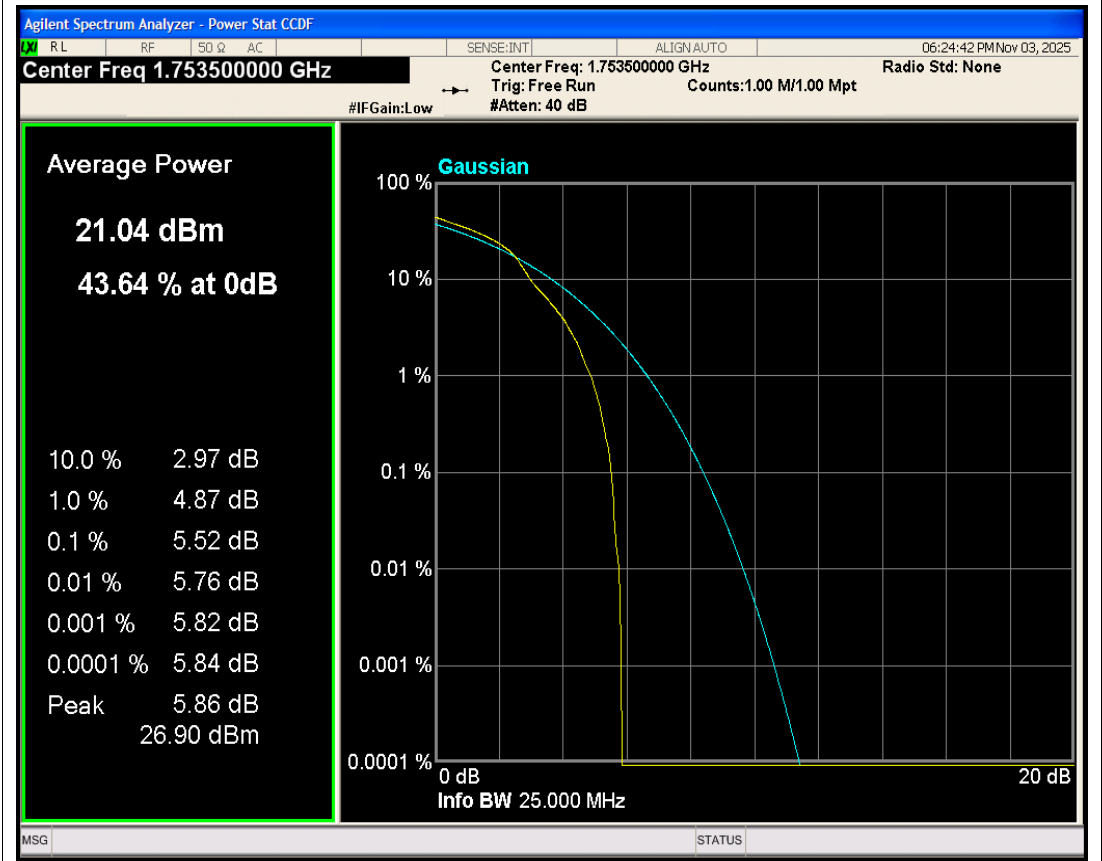
Band4 QPSK BW=3MHz Channel=20175 RB Size=1 Position=#0



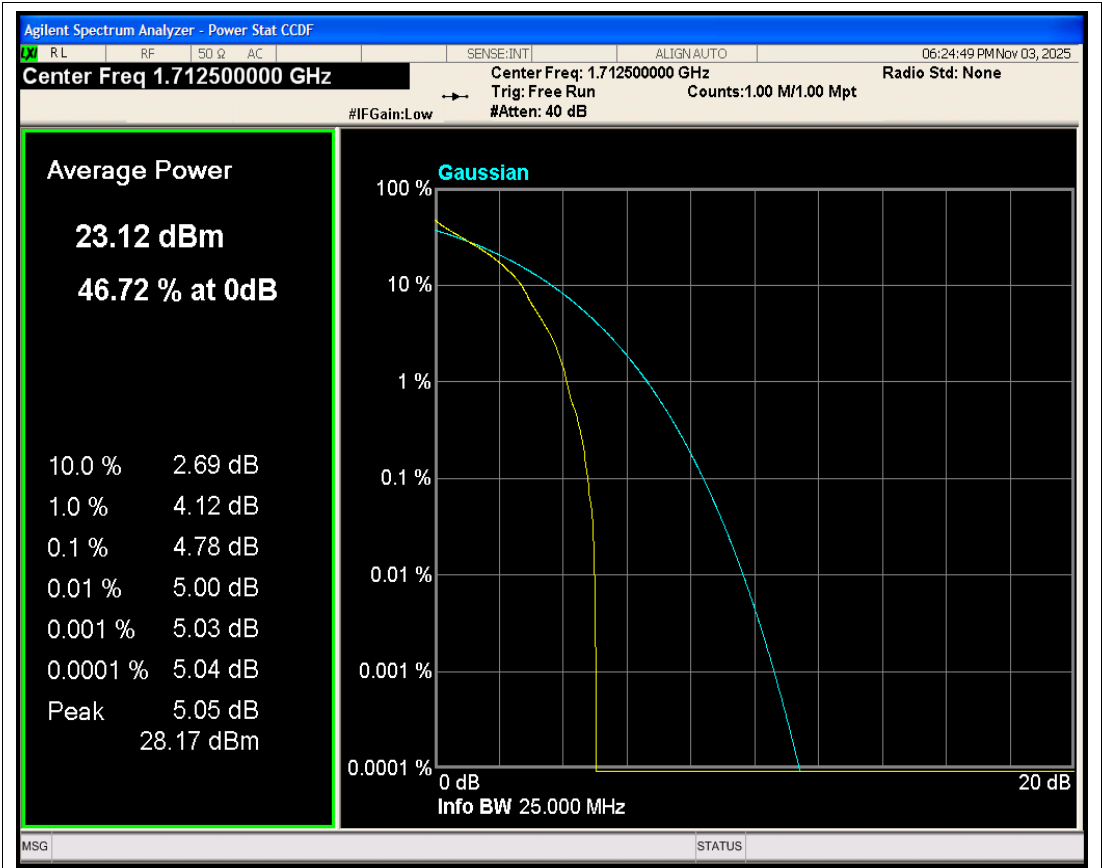
Band4 16QAM BW=3MHz Channel=20175 RB Size=1 Position=#0



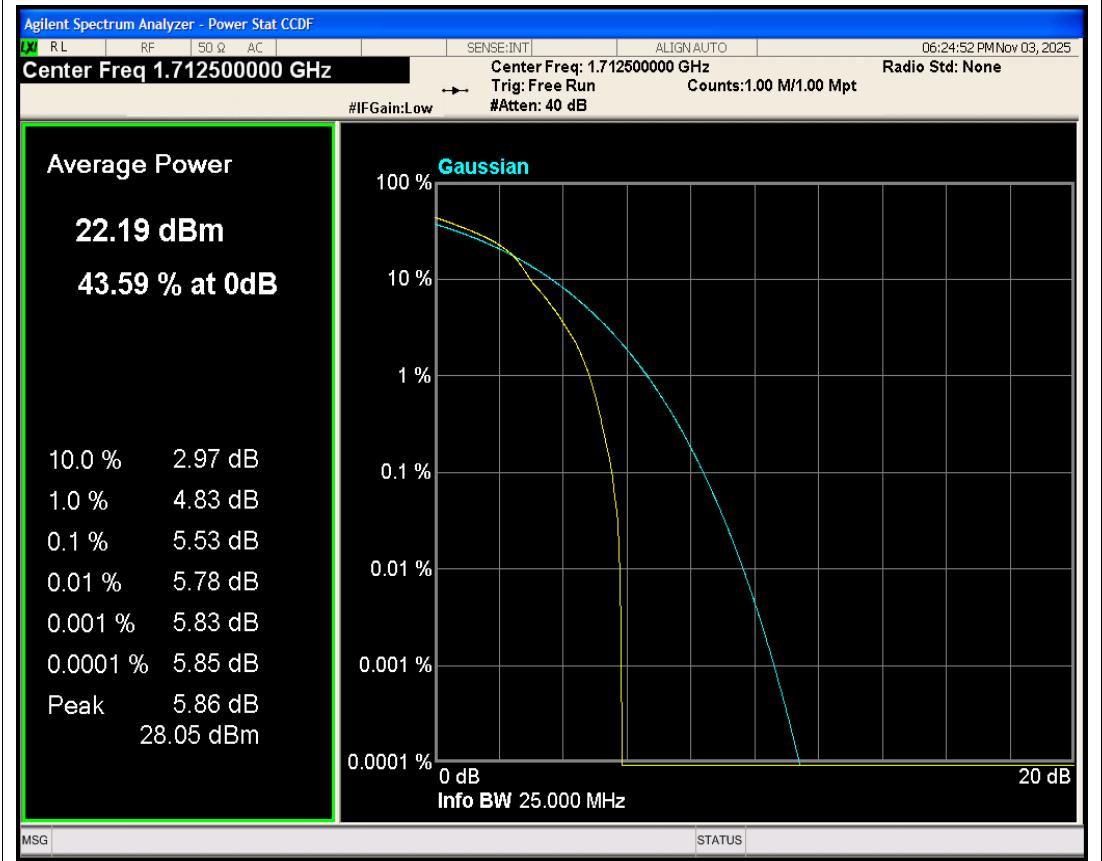
Band4 QPSK BW=3MHz Channel=20385 RB Size=1 Position=#0



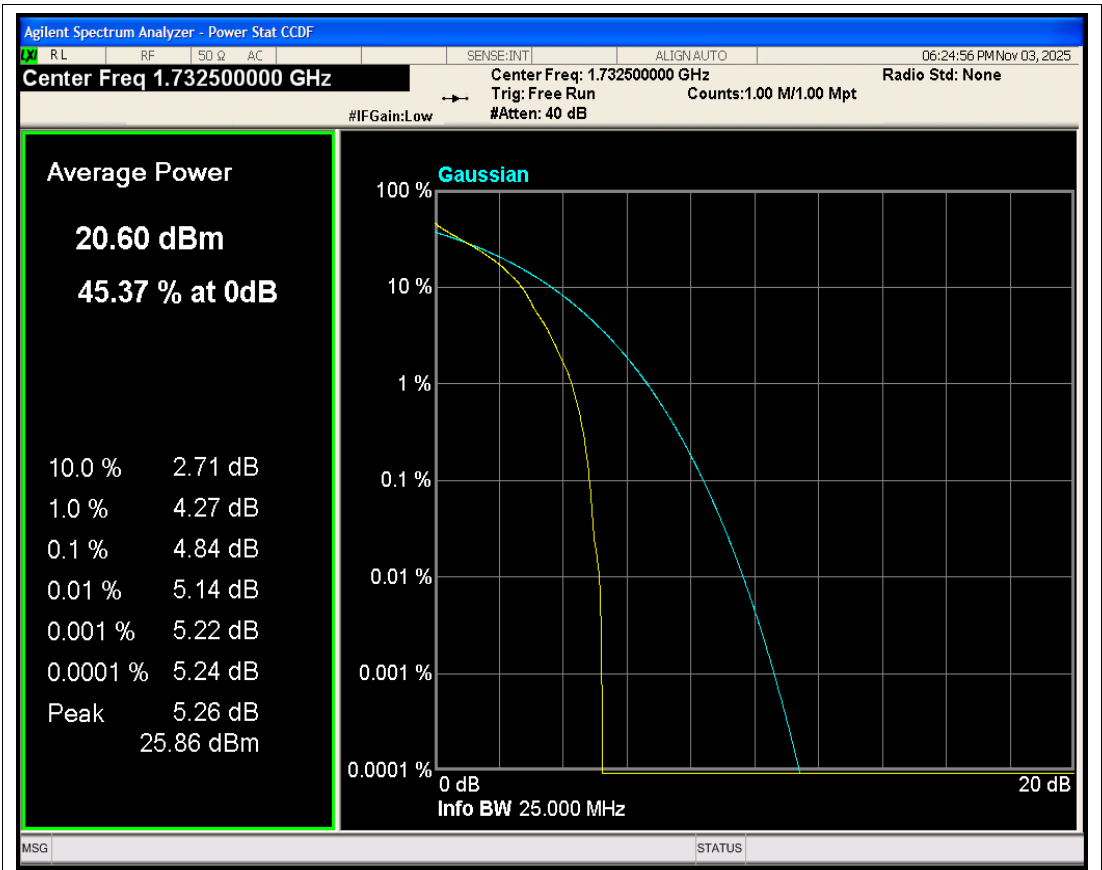
Band4 16QAM BW=3MHz Channel=20385 RB Size=1 Position=#0



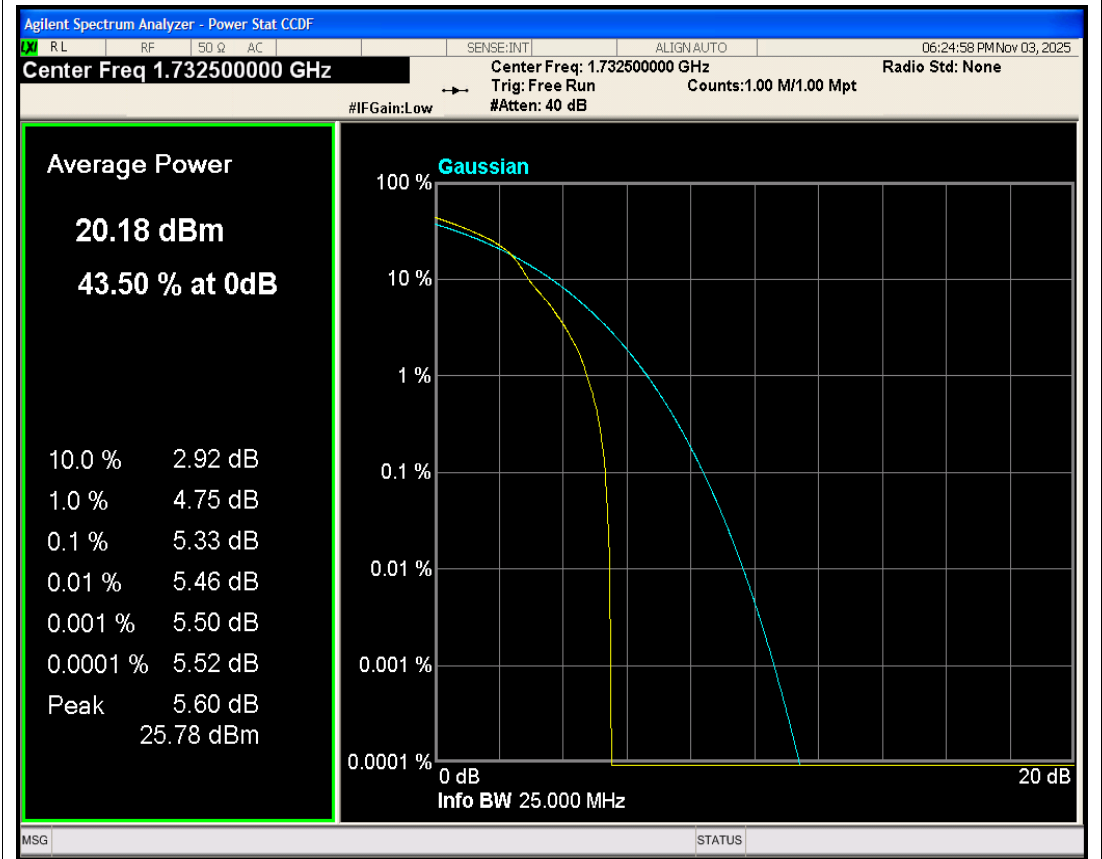
Band4 QPSK BW=5MHz Channel=19975 RB Size=1 Position=#0



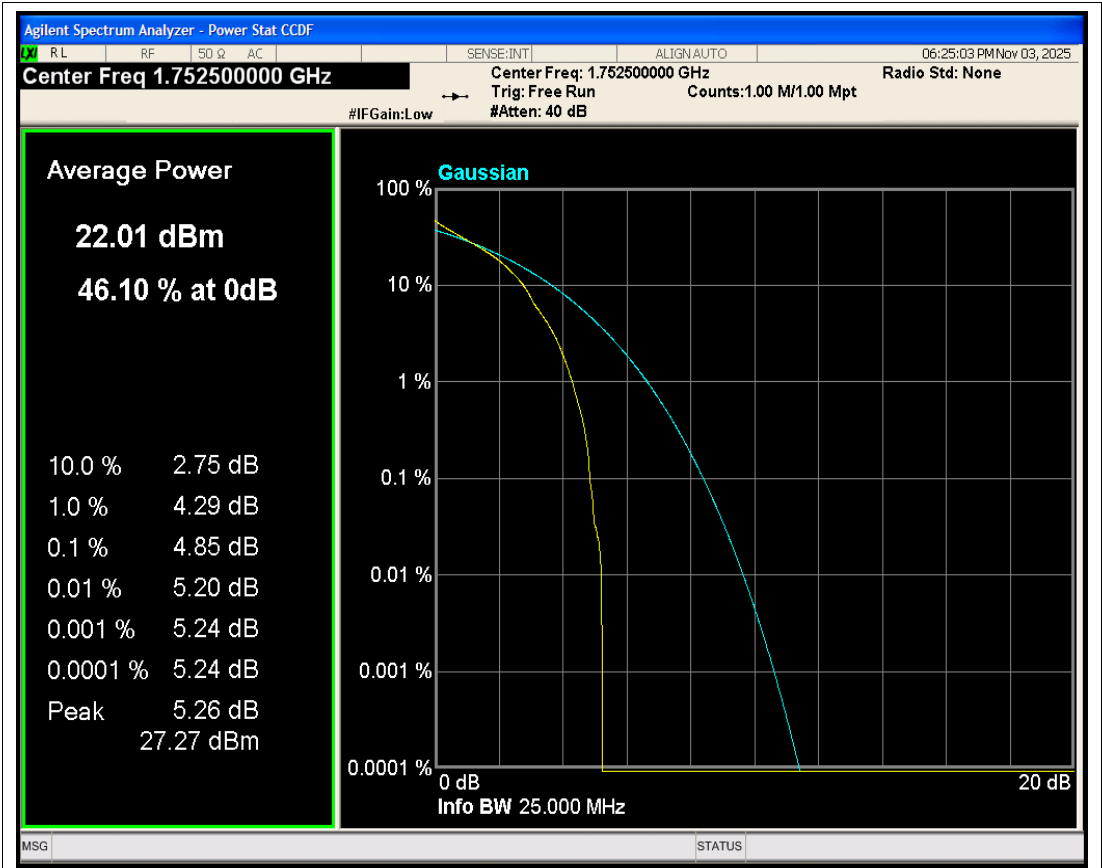
Band4 16QAM BW=5MHz Channel=19975 RB Size=1 Position=#0



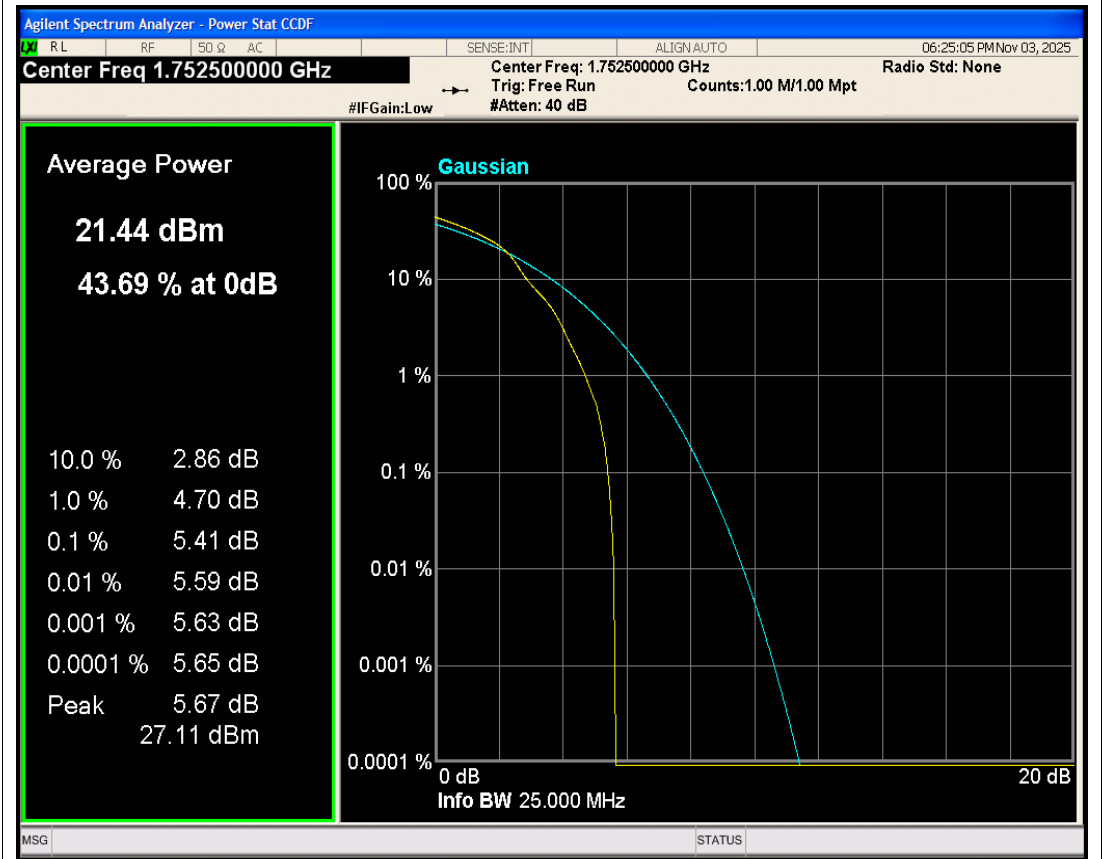
Band4 QPSK BW=5MHz Channel=20175 RB Size=1 Position=#0



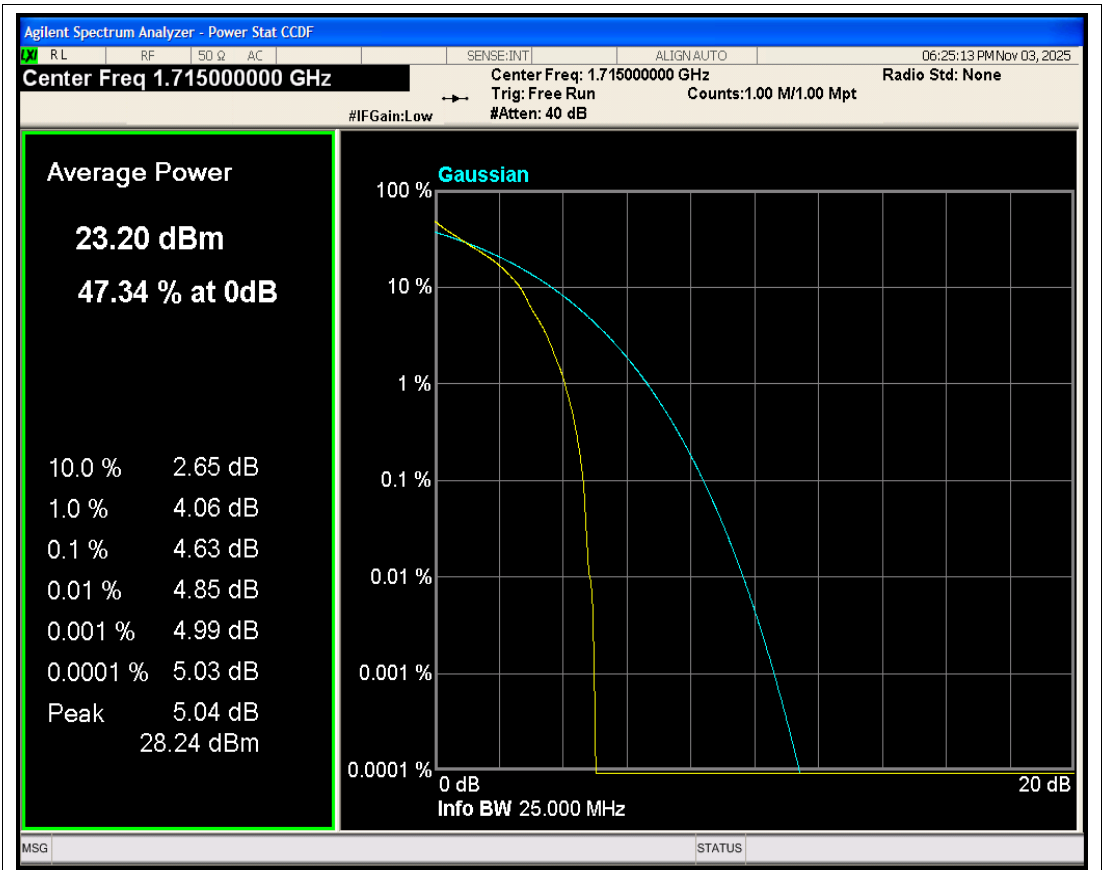
Band4 16QAM BW=5MHz Channel=20175 RB Size=1 Position=#0



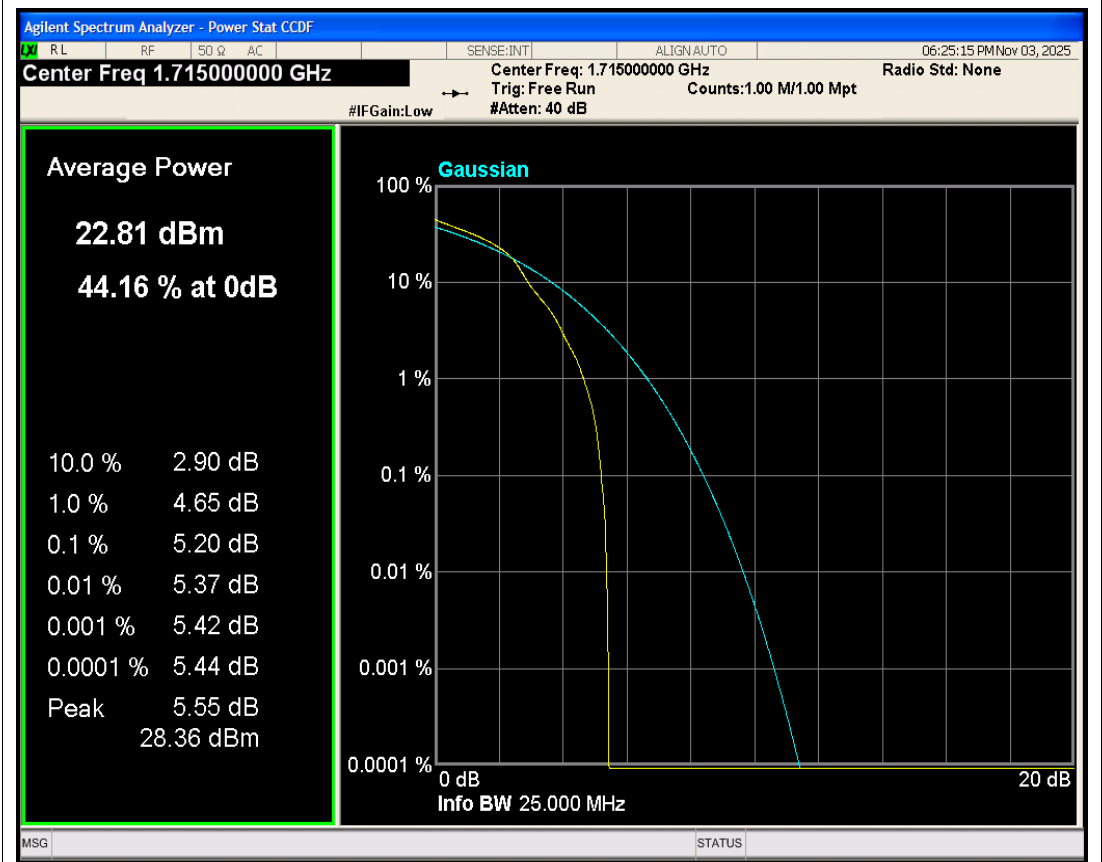
Band4 QPSK BW=5MHz Channel=20375 RB Size=1 Position=#0



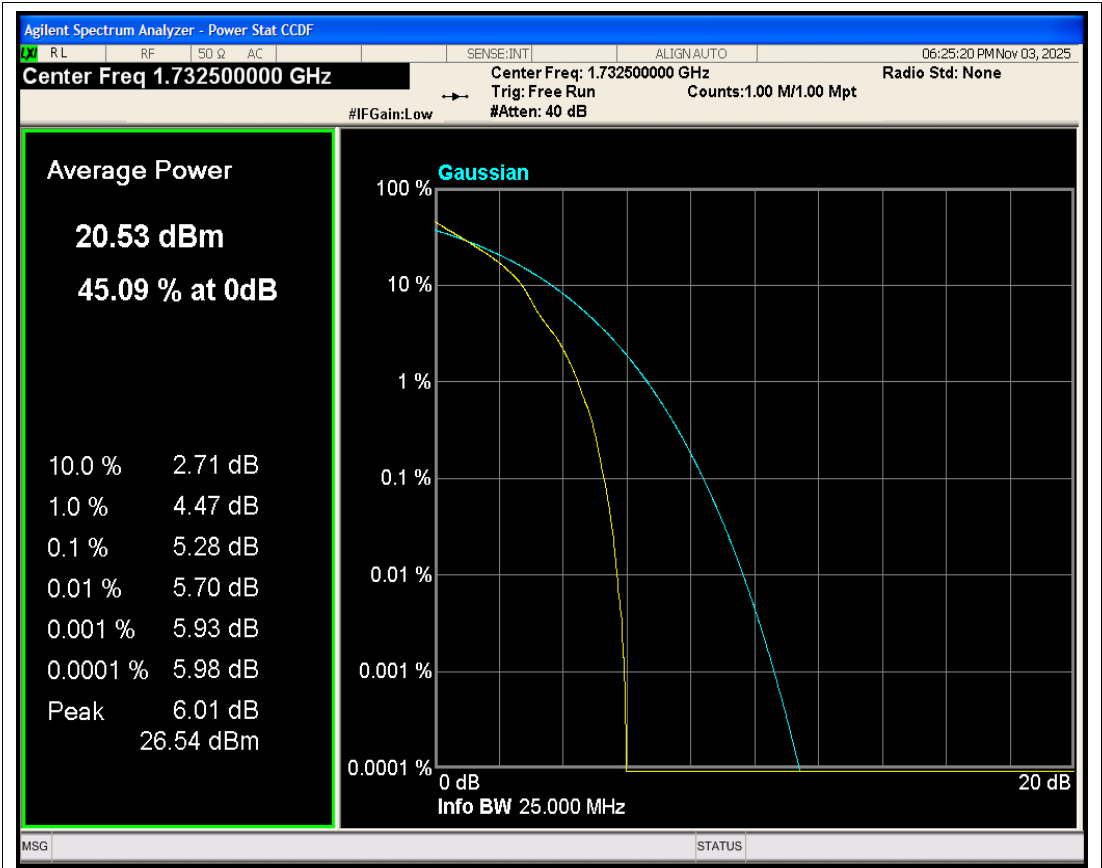
Band4 16QAM BW=5MHz Channel=20375 RB Size=1 Position=#0



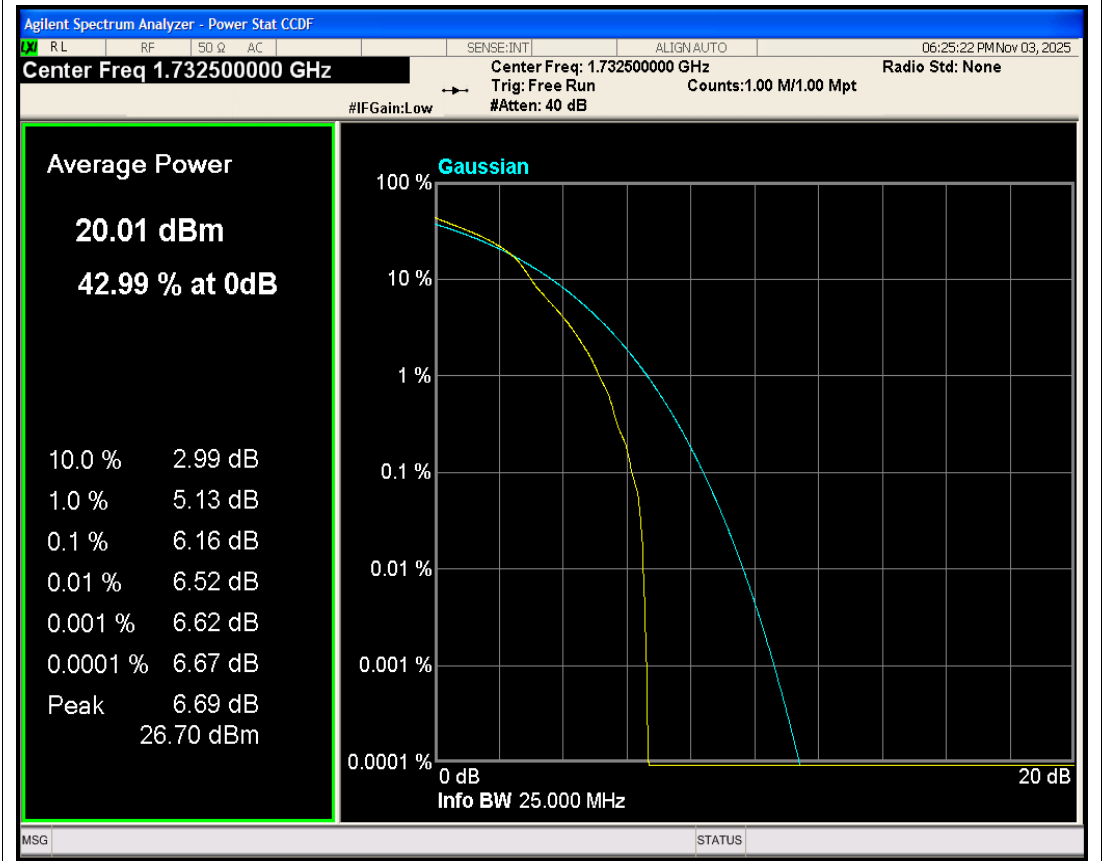
Band4 QPSK BW=10MHz Channel=20000 RB Size=1 Position=#0



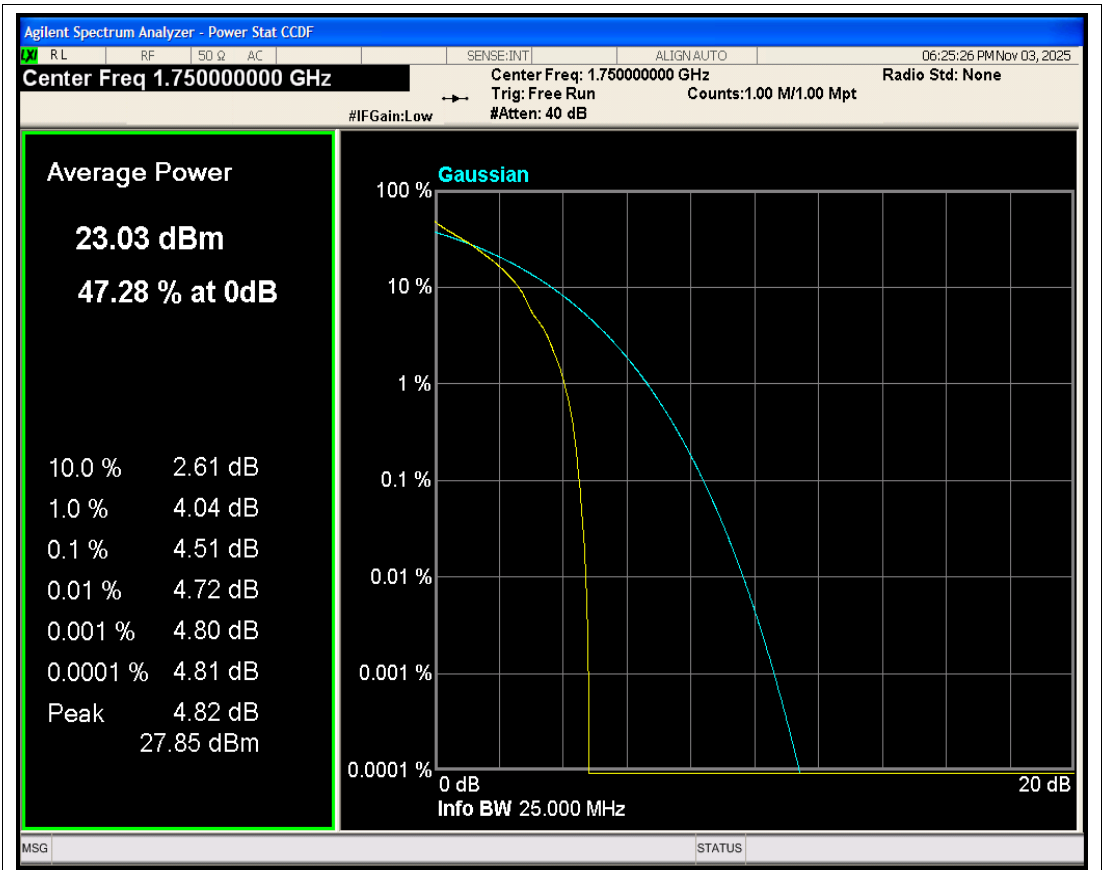
Band4 16QAM BW=10MHz Channel=20000 RB Size=1 Position=#0



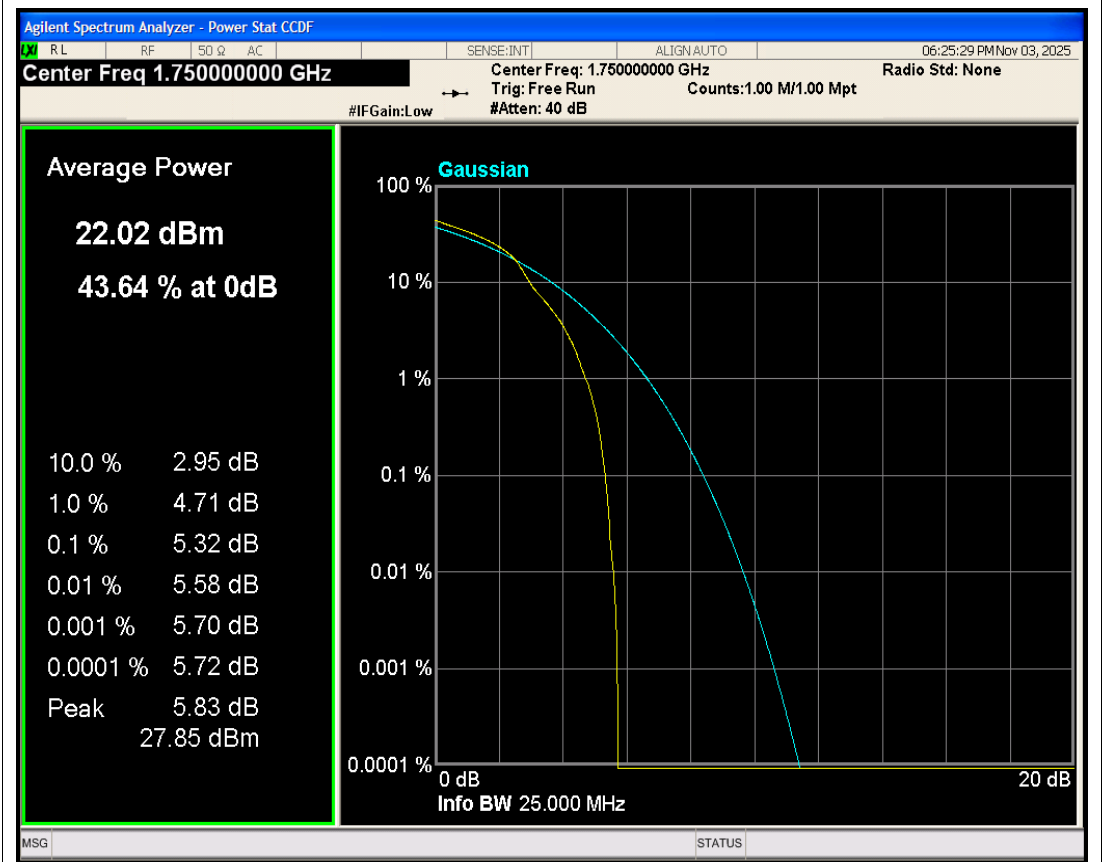
Band4 QPSK BW=10MHz Channel=20175 RB Size=1 Position=#0



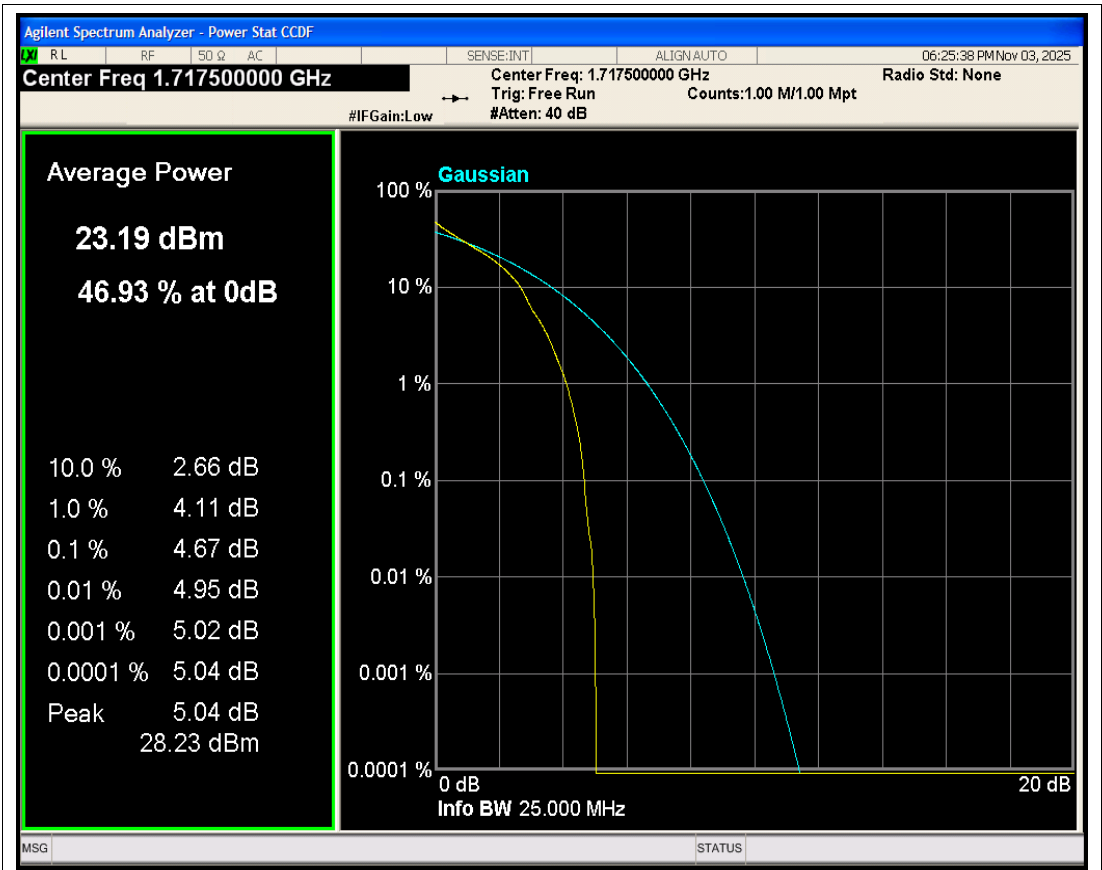
Band4 16QAM BW=10MHz Channel=20175 RB Size=1 Position=#0



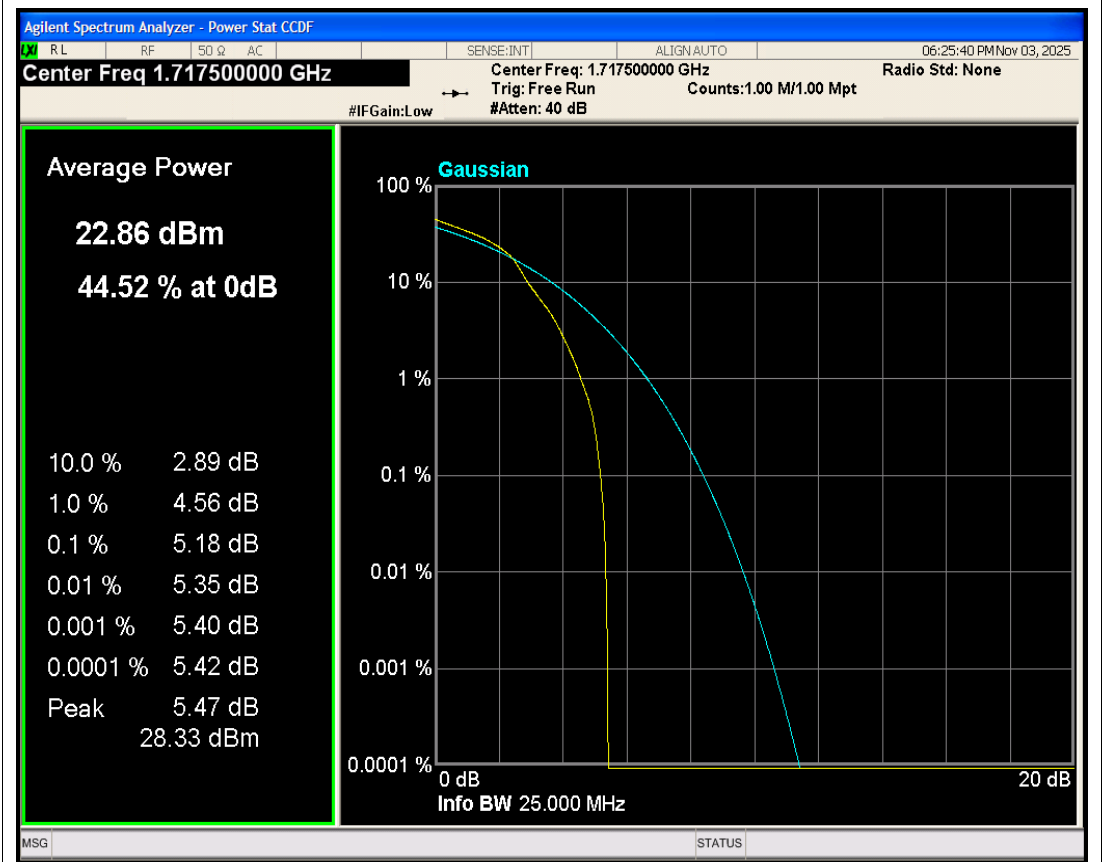
Band4 QPSK BW=10MHz Channel=20350 RB Size=1 Position=#0



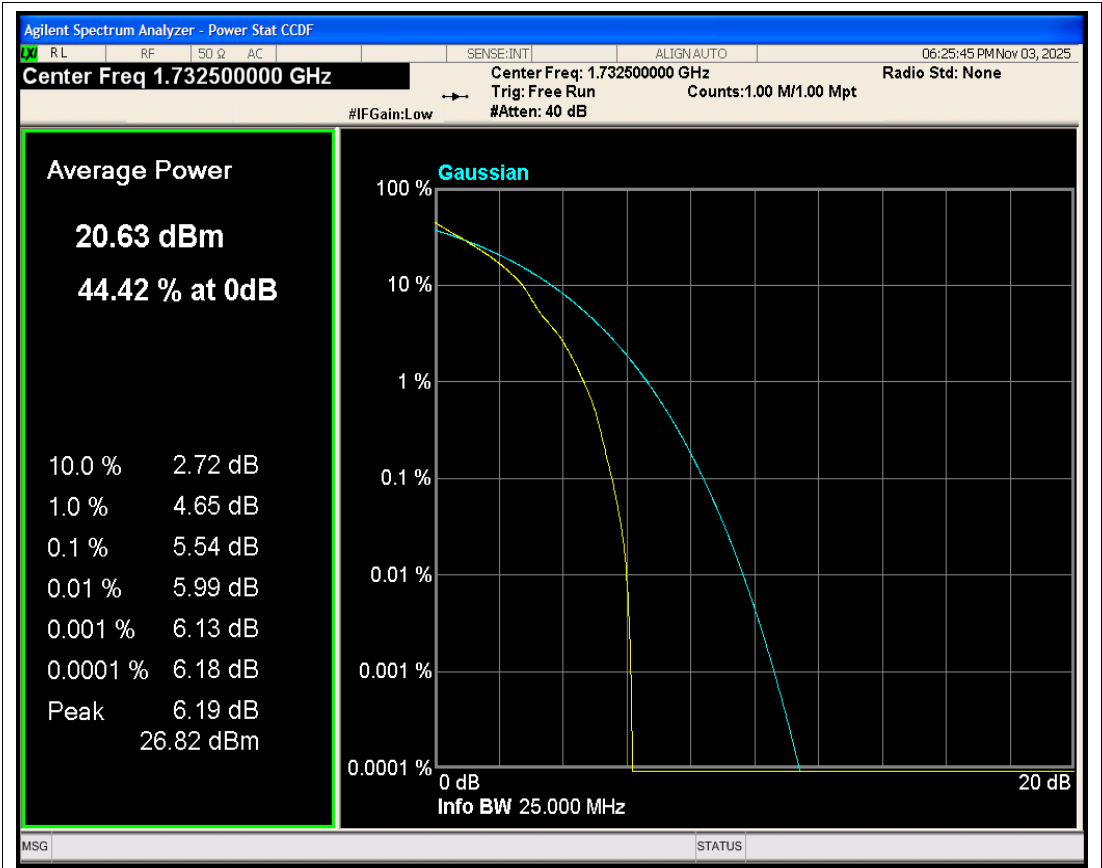
Band4 16QAM BW=10MHz Channel=20350 RB Size=1 Position=#0



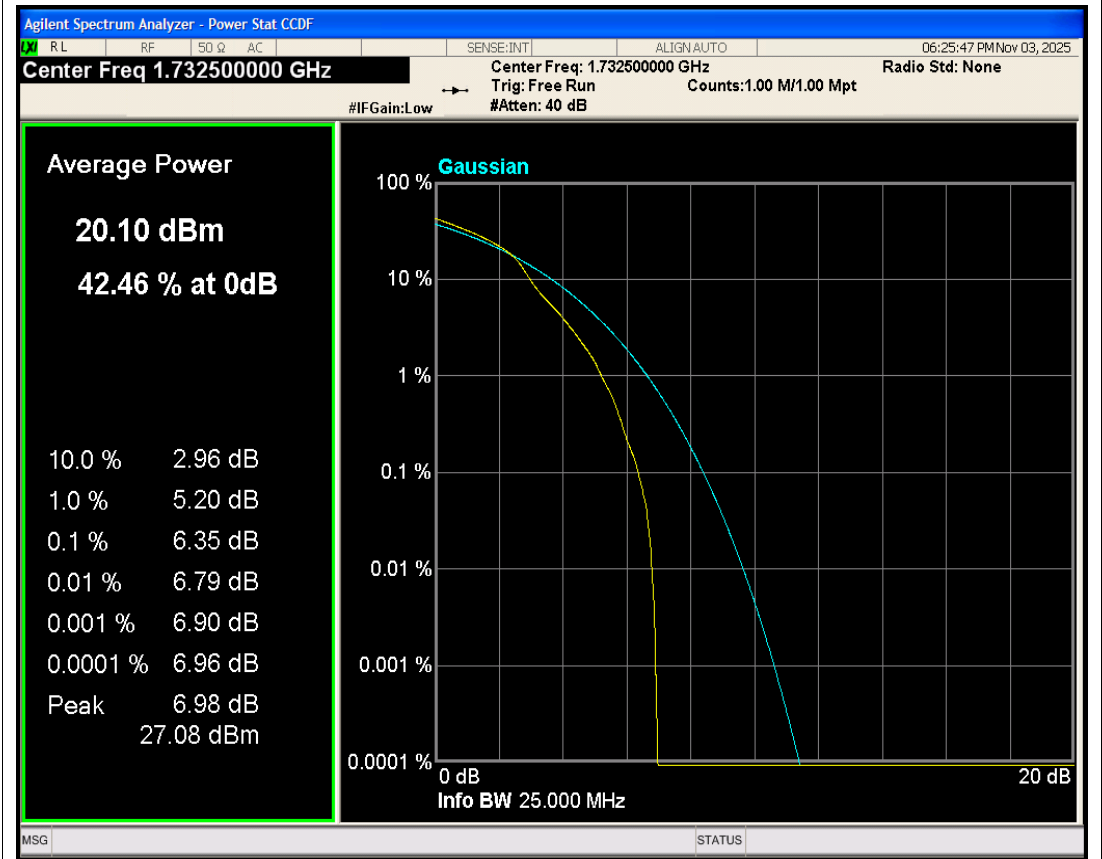
Band4 QPSK BW=15MHz Channel=20025 RB Size=1 Position=#0



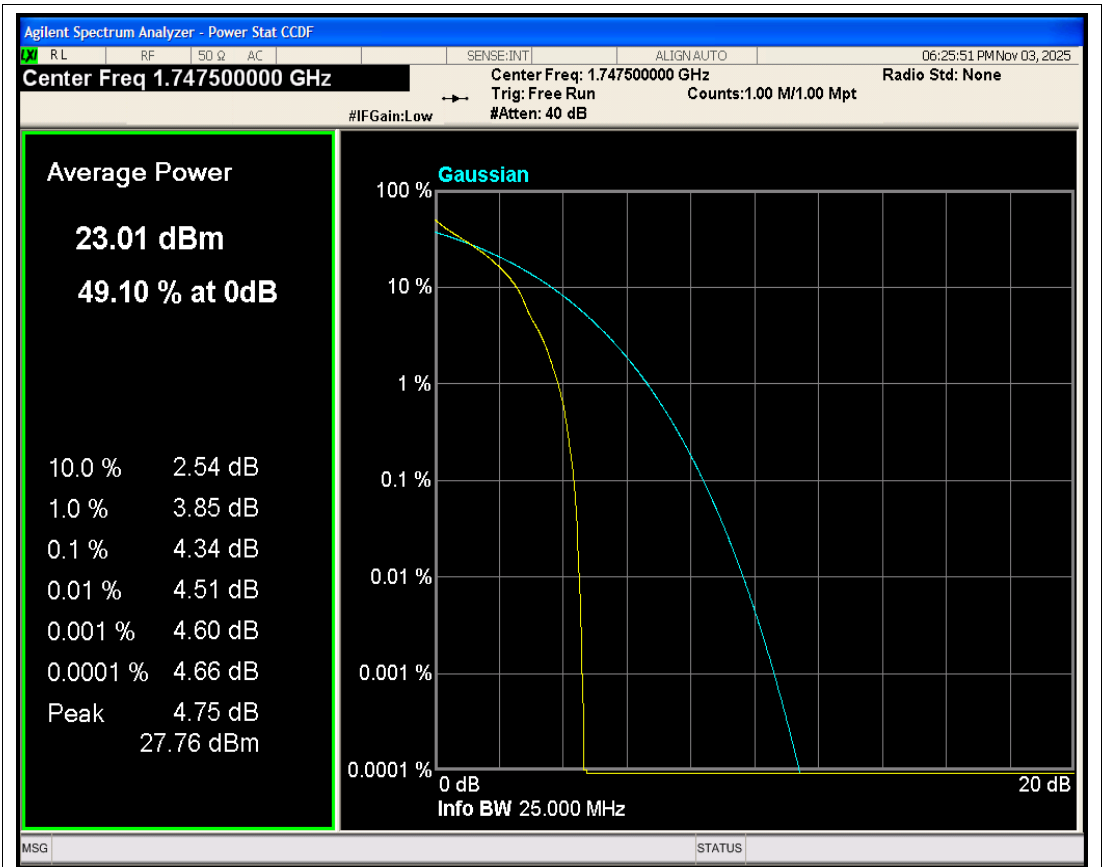
Band4 16QAM BW=15MHz Channel=20025 RB Size=1 Position=#0



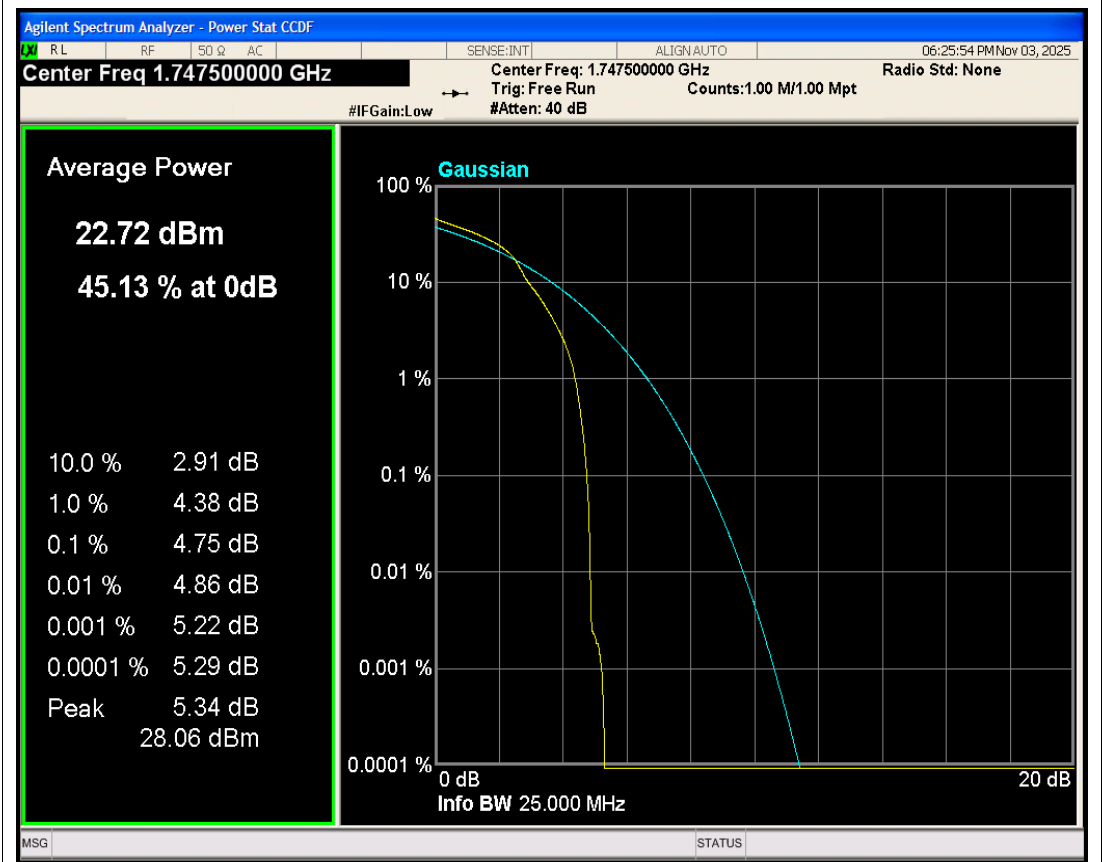
Band4 QPSK BW=15MHz Channel=20175 RB Size=1 Position=#0



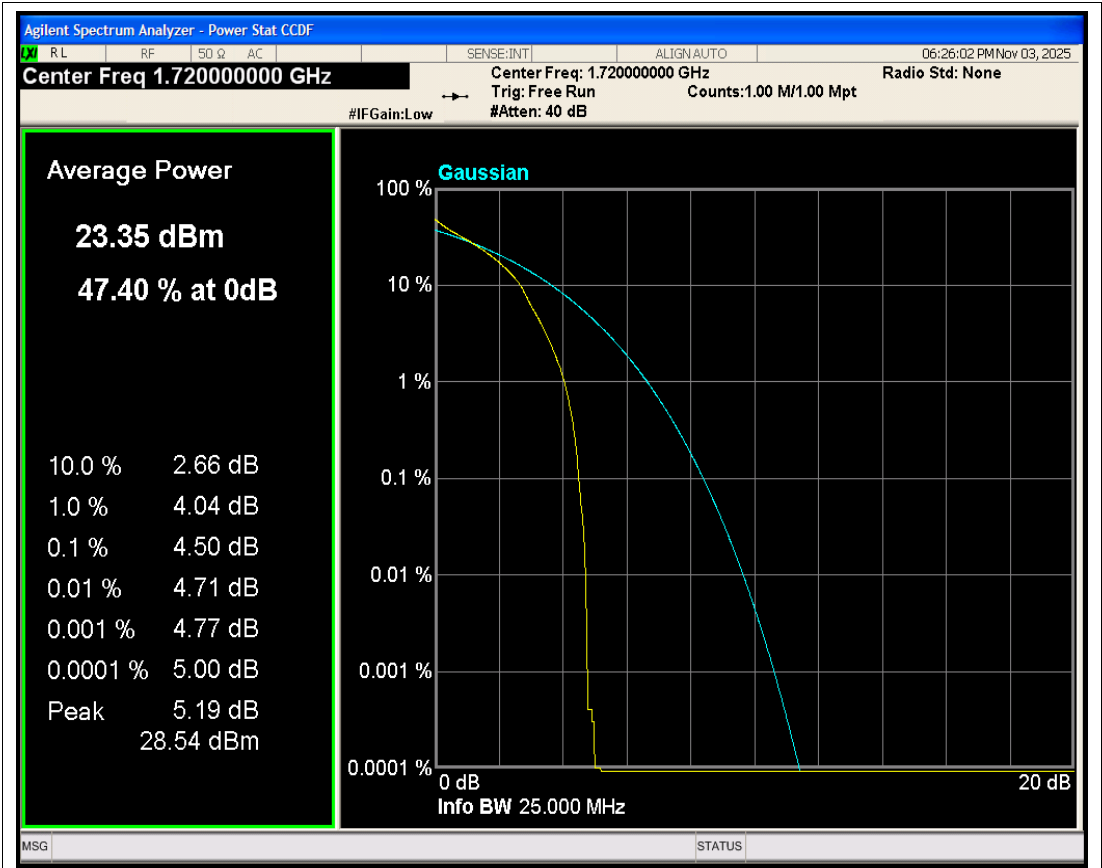
Band4 16QAM BW=15MHz Channel=20175 RB Size=1 Position=#0



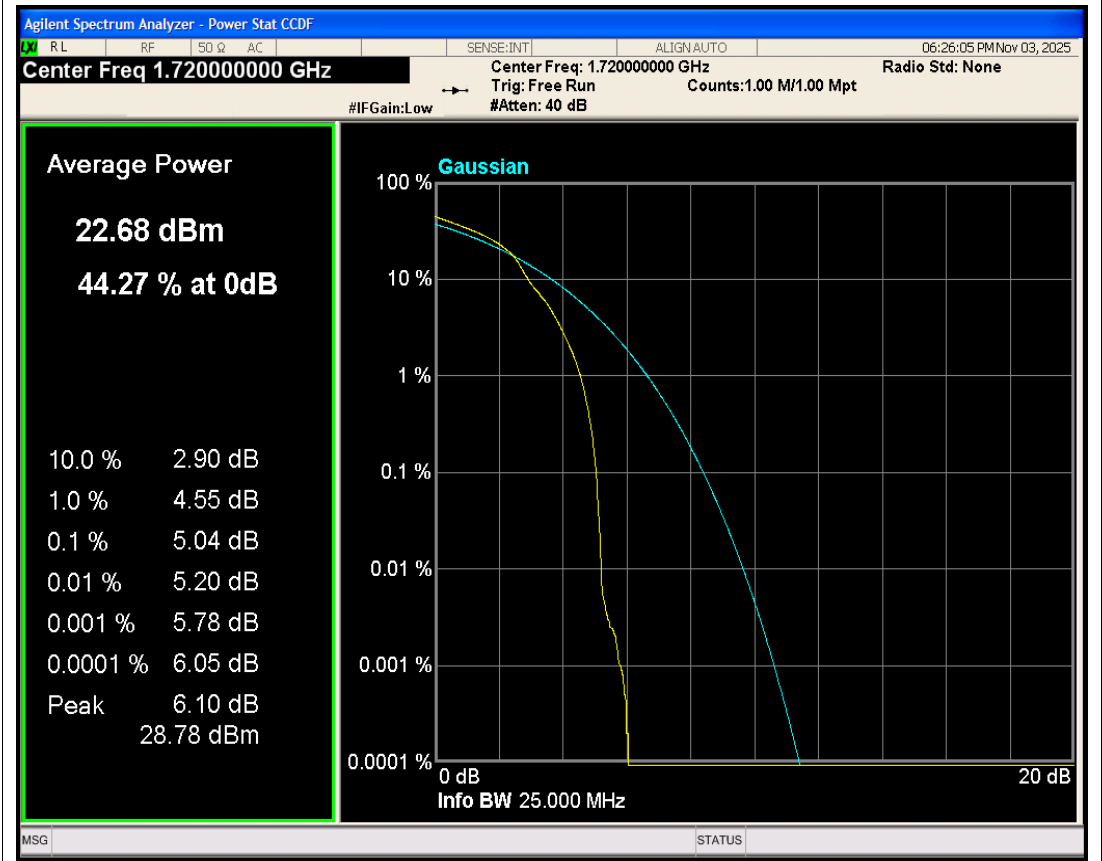
Band4 QPSK BW=15MHz Channel=20325 RB Size=1 Position=#0



Band4 16QAM BW=15MHz Channel=20325 RB Size=1 Position=#0



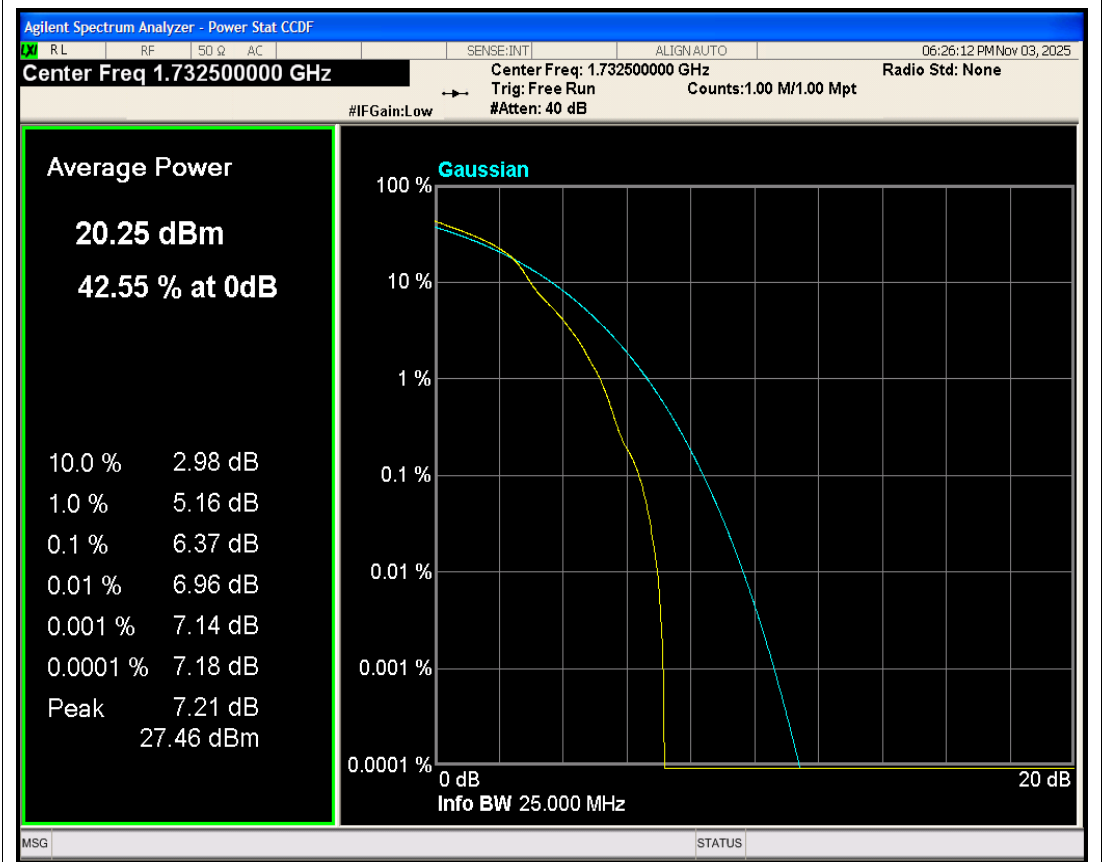
Band4 QPSK BW=20MHz Channel=20050 RB Size=1 Position=#0



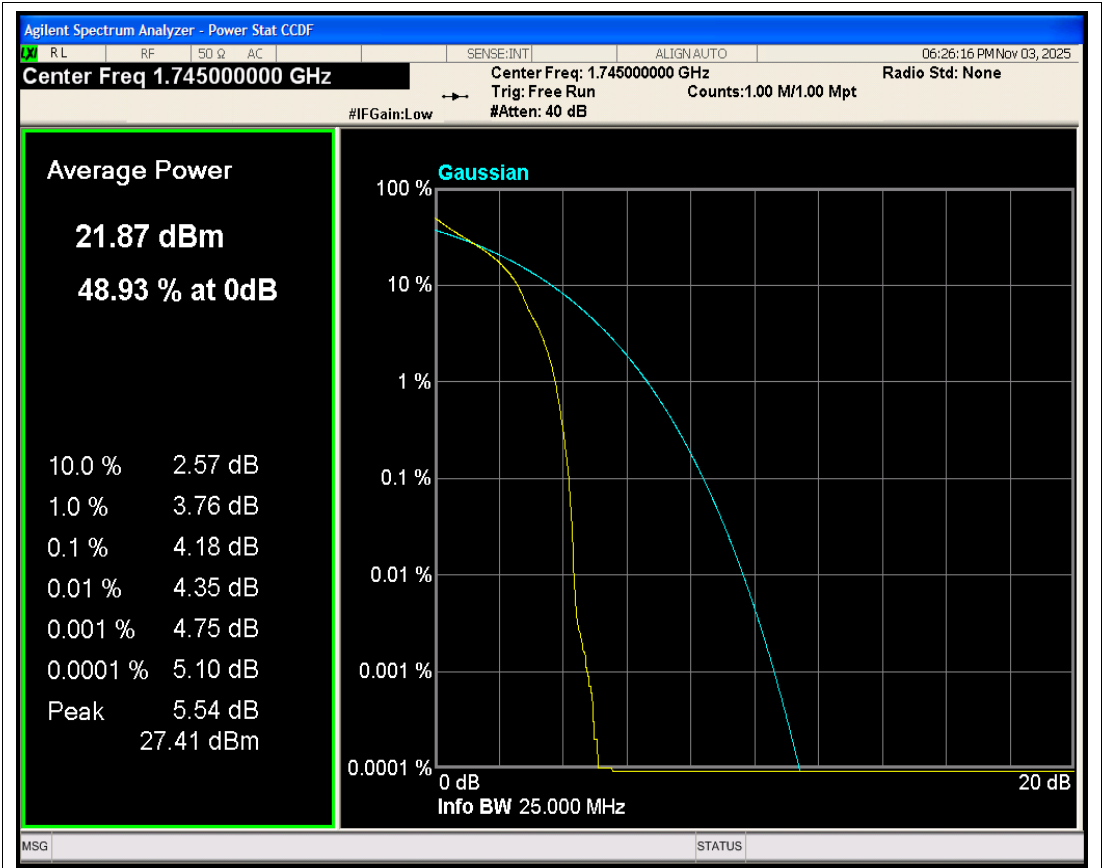
Band4 16QAM BW=20MHz Channel=20050 RB Size=1 Position=#0



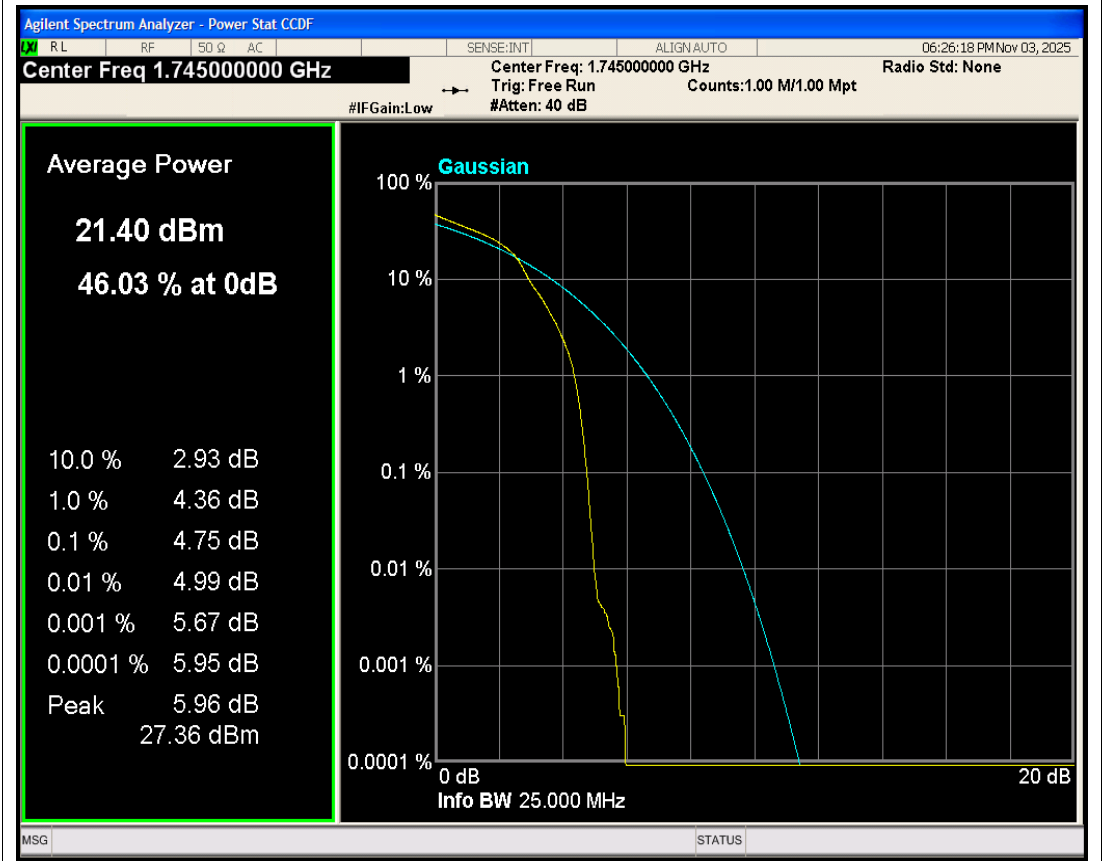
Band4 QPSK BW=20MHz Channel=20175 RB Size=1 Position=#0



Band4 16QAM BW=20MHz Channel=20175 RB Size=1 Position=#0



Band4 QPSK BW=20MHz Channel=20300 RB Size=1 Position=#0



Band4 16QAM BW=20MHz Channel=20300 RB Size=1 Position=#0

Report No.: \${Report number}_Appendix LTE Band 4

Appendix 4.Occupied bandwidth

<i>Band</i>	<i>Bandwidth (MHz)</i>	<i>UL Channel</i>	<i>RB Size</i>	<i>RB Position</i>	<i>Modulation</i>	<i>99% OBW (MHz)</i>	<i>-26dB EBW (MHz)</i>	<i>Verdict</i>
Band4	1.4	19957	6	#0	QPSK	1.092	1.249	PASS
Band4	1.4	19957	6	#0	16QAM	1.105	1.245	PASS
Band4	1.4	20175	6	#0	QPSK	1.100	1.269	PASS
Band4	1.4	20175	6	#0	16QAM	1.093	1.241	PASS
Band4	1.4	20393	6	#0	QPSK	1.101	1.257	PASS
Band4	1.4	20393	6	#0	16QAM	1.099	1.258	PASS
Band4	3	19965	15	#0	QPSK	2.718	3.042	PASS
Band4	3	19965	15	#0	16QAM	2.701	3.031	PASS
Band4	3	20175	15	#0	QPSK	2.719	3.032	PASS
Band4	3	20175	15	#0	16QAM	2.699	3.045	PASS
Band4	3	20385	15	#0	QPSK	2.713	3.021	PASS
Band4	3	20385	15	#0	16QAM	2.716	3.067	PASS
Band4	5	19975	25	#0	QPSK	4.514	4.988	PASS
Band4	5	19975	25	#0	16QAM	4.507	4.966	PASS
Band4	5	20175	25	#0	QPSK	4.506	4.958	PASS
Band4	5	20175	25	#0	16QAM	4.521	4.949	PASS
Band4	5	20375	25	#0	QPSK	4.507	4.964	PASS
Band4	5	20375	25	#0	16QAM	4.534	4.996	PASS
Band4	10	20000	50	#0	QPSK	8.977	9.836	PASS
Band4	10	20000	50	#0	16QAM	8.972	9.751	PASS
Band4	10	20175	50	#0	QPSK	8.985	9.845	PASS
Band4	10	20175	50	#0	16QAM	8.975	9.849	PASS
Band4	10	20350	50	#0	QPSK	8.992	9.897	PASS
Band4	10	20350	50	#0	16QAM	8.993	9.794	PASS
Band4	15	20025	75	#0	QPSK	13.461	14.741	PASS
Band4	15	20025	75	#0	16QAM	13.449	14.794	PASS
Band4	15	20175	75	#0	QPSK	13.446	14.600	PASS
Band4	15	20175	75	#0	16QAM	13.477	14.758	PASS
Band4	15	20325	75	#0	QPSK	13.426	14.906	PASS
Band4	15	20325	75	#0	16QAM	13.436	14.962	PASS
Band4	20	20050	100	#0	QPSK	18.001	19.528	PASS
Band4	20	20050	100	#0	16QAM	18.058	19.683	PASS
Band4	20	20175	100	#0	QPSK	17.998	19.699	PASS
Band4	20	20175	100	#0	16QAM	18.008	19.797	PASS
Band4	20	20300	100	#0	QPSK	17.938	19.551	PASS
Band4	20	20300	100	#0	16QAM	17.917	19.604	PASS