Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Gain (dB)	ERP (dBm)	ERP Limit (dBm)	Verdict
Band12	1.4	23017	1	#0	QPSK	24.74	-2.2	22.54	34.77	PASS
Band12	1.4	23017	1	#Mid	QPSK	24.78	-2.2	22.58	34.77	PASS
Band12	1.4	23017	1	#Max	QPSK	24.72	-2.2	22.52	34.77	PASS
Band12	1.4	23017	3	#0	QPSK	23.82	-2.2	21.62	34.77	PASS
Band12	1.4	23017	3	#Mid	QPSK	23.80	-2.2	21.60	34.77	PASS
Band12	1.4	23017	3	#Max	QPSK	23.79	-2.2	21.59	34.77	PASS
Band12	1.4	23017	6	#0	QPSK	23.75	-2.2	21.55	34.77	PASS
Band12	1.4	23017	1	#0	16QAM	23.93	-2.2	21.73	34.77	PASS
Band12	1.4	23017	1	#Mid	16QAM	24.03	-2.2	21.83	34.77	PASS
Band12	1.4	23017	1	#Max	16QAM	23.98	-2.2	21.78	34.77	PASS
Band12	1.4	23017	3	#0	16QAM	24.05	-2.2	21.85	34.77	PASS
Band12	1.4	23017	3	#Mid	16QAM	23.99	-2.2	21.79	34.77	PASS
Band12	1.4	23017	3	#Max	16QAM	24.06	-2.2	21.86	34.77	PASS
Band12	1.4	23017	6	#0	16QAM	22.98	-2.2	20.78	34.77	PASS
Band12	1.4	23095	1	#0	QPSK	24.74	-2.2	22.54	34.77	PASS
Band12	1.4	23095	1	#Mid	QPSK	24.73	-2.2	22.53	34.77	PASS
Band12	1.4	23095	1	#Max	QPSK	24.65	-2.2	22.45	34.77	PASS
Band12	1.4	23095	3	#0	QPSK	23.76	-2.2	21.56	34.77	PASS
Band12	1.4	23095	3	#Mid	QPSK	23.73	-2.2	21.53	34.77	PASS
Band12	1.4	23095	3	#Max	QPSK	23.73	-2.2	21.53	34.77	PASS
Band12	1.4	23095	6	#0	QPSK	23.70	-2.2	21.50	34.77	PASS
Band12	1.4	23095	1	#0	16QAM	23.78	-2.2	21.58	34.77	PASS
Band12	1.4	23095	1	#Mid	16QAM	23.81	-2.2	21.61	34.77	PASS
Band12	1.4	23095	1	#Max	16QAM	23.78	-2.2	21.58	34.77	PASS
Band12	1.4	23095	3	#0	16QAM	23.91	-2.2	21.71	34.77	PASS
Band12	1.4	23095	3	#Mid	16QAM	23.85	-2.2	21.65	34.77	PASS
Band12	1.4	23095	3	#Max	16QAM	23.92	-2.2	21.72	34.77	PASS
Band12	1.4	23095	6	#0	16QAM	22.83	-2.2	20.63	34.77	PASS
Band12	1.4	23173	1	#0	QPSK	24.88	-2.2	22.68	34.77	PASS
Band12	1.4	23173	1	#Mid	QPSK	24.74	-2.2	22.54	34.77	PASS
Band12	1.4	23173	1	#Max	QPSK	24.77	-2.2	22.57	34.77	PASS
Band12	1.4	23173	3	#0	QPSK	23.72	-2.2	21.52	34.77	PASS
Band12	1.4	23173	3	#Mid	QPSK	23.68	-2.2	21.48	34.77	PASS
Band12	1.4	23173	3	#Max	QPSK	23.64	-2.2	21.44	34.77	PASS
Band12	1.4	23173	6	#0	QPSK	23.48	-2.2	21.28	34.77	PASS
Band12	1.4	23173	1	#0	16QAM	23.29	-2.2	21.09	34.77	PASS
Band12	1.4	23173	1	#Mid	16QAM	23.34	-2.2	21.14	34.77	PASS
Band12	1.4	23173	1	#Max	16QAM	23.23	-2.2	21.03	34.77	PASS
Band12	1.4	23173	3	#0	16QAM	23.67	-2.2	21.47	34.77	PASS
Band12	1.4	23173	3	#Mid	16QAM	23.59	-2.2	21.39	34.77	PASS
Band12	1.4	23173	3	#Max	16QAM	23.62	-2.2	21.42	34.77	PASS
Band12	1.4	23173	6	#0	16QAM	22.63	-2.2	20.43	34.77	PASS
Band12	3	23025	1	#0	QPSK	24.65	-2.2	22.45	34.77	PASS
Band12	3	23025	1	#Mid	QPSK	24.72	-2.2	22.52	34.77	PASS
Band12	3	23025	1	#Max	QPSK	24.66	-2.2	22.46	34.77	PASS
Band12	3	23025	8	#0	QPSK	23.83	-2.2	21.63	34.77	PASS
Band12	3	23025	8	#Mid	QPSK	23.85	-2.2	21.65	34.77	PASS
Band12	3	23025	8	#Max	QPSK	23.85	-2.2	21.65	34.77	PASS
Band12	3	23025	15	#0	QPSK	23.82	-2.2	21.62	34.77	PASS
Band12	3	23025	1	#0	16QAM	24.13	-2.2	21.93	34.77	PASS
Band12	3	23025	1	#Mid	16QAM	24.16	-2.2	21.96	34.77	PASS
Band12	3	23025	1	#Max	16QAM	24.11	-2.2	21.91	34.77	PASS
Band12	3	23025	8	#0	16QAM	22.87	-2.2	20.67	34.77	PASS
Band12	3	23025	8	#Mid	16QAM	22.91	-2.2	20.71	34.77	PASS
Band12	3	23025	8	#Max	16QAM	22.89	-2.2	20.69	34.77	PASS
Band12	3	23025	15	#0	16QAM	22.89	-2.2	20.69	34.77	PASS
Band12	3	23095	1	#0	QPSK	24.66	-2.2	22.46	34.77	PASS
Band12	3	23095	1	#Mid	QPSK	24.65	-2.2	22.45	34.77	PASS
Band12	3	23095	1	#Max	QPSK	24.58	-2.2	22.38	34.77	PASS
Band12	3	23095	8	#0	QPSK	23.80	-2.2	21.60	34.77	PASS
Band12	3	23095	8	#Mid	QPSK	23.78	-2.2	21.58	34.77	PASS
Band12	3	23095	8	#Max	QPSK	23.76	-2.2	21.56	34.77	PASS
Band12	3	23095	15	#0	QPSK	23.73	-2.2	21.53	34.77	PASS
Band12	3	23095	1	#0	16QAM	23.75	-2.2	21.55	34.77	PASS
Band12	3	23095	1	#Mid	16QAM	23.81	-2.2	21.61	34.77	PASS
Band12	3	23095	1	#Max	16QAM	23.77	-2.2	21.57	34.77	PASS
Band12	3	23095	8	#0	16QAM	22.78	-2.2	20.58	34.77	PASS
Band12	3	23095	8	#Mid	16QAM	22.79	-2.2	20.59	34.77	PASS
Band12	3	23095	8	#Max	16QAM	22.77	-2.2	20.57	34.77	PASS
Band12	3	23095	15	#0	16QAM	22.68	-2.2	20.48	34.77	PASS
Band12	3	23165	1	#0	QPSK	24.54	-2.2	22.34	34.77	PASS
Band12	3	23165	1	#Mid	QPSK	24.60	-2.2	22.40	34.77	PASS
Band12	3	23165	1	#Max	QPSK	24.65	-2.2	22.45	34.77	PASS
Band12	3	23165	8	#0	QPSK	23.60	-2.2	21.40	34.77	PASS
Band12	3	23165	8	#Mid	QPSK	23.60	-2.2	21.40	34.77	PASS

Band12	3	23165	8	#Max	QPSK	23.57	-2.2	21.37	34.77	PASS
Band12	3	23165	15	#0	QPSK	23.56	-2.2	21.36	34.77	PASS
Band12	3	23165	1	#0	16QAM	23.40	-2.2	21.20	34.77	PASS
Band12	3	23165	1	#Mid	16QAM	23.36	-2.2	21.16	34.77	PASS
Band12	3	23165	1	#Max	16QAM	23.20	-2.2	21.00	34.77	PASS
Band12	3	23165	8	#0	16QAM	22.63	-2.2	20.43	34.77	PASS
Band12	3	23165	8	#Mid	16QAM	22.60	-2.2	20.40	34.77	PASS
Band12	3	23165	8	#Max	16QAM	22.55	-2.2	20.35	34.77	PASS
Band12	3	23165	15	#0	16QAM	22.63	-2.2	20.43	34.77	PASS
Band12	5	23035	1	#0	QPSK	24.78	-2.2	22.58	34.77	PASS
Band12	5	23035	1	#Mid	QPSK	24.81	-2.2	22.61	34.77	PASS
Band12	5	23035	1	#Max	QPSK	24.77	-2.2	22.57	34.77	PASS
Band12	5	23035	12	#0	QPSK	23.86	-2.2	21.66	34.77	PASS
Band12	5	23035	12	#Mid	QPSK	23.86	-2.2	21.66	34.77	PASS
Band12	5	23035	12	#Max	QPSK	23.83	-2.2	21.63	34.77	PASS
Band12	5	23035	25	#0	QPSK	23.77	-2.2	21.57	34.77	PASS
Band12	5	23035	1	#0	16QAM	24.27	-2.2	22.07	34.77	PASS
Band12	5	23035	1	#Mid	16QAM	24.28	-2.2	22.08	34.77	PASS
Band12	5	23035	1	#Max	16QAM	24.15	-2.2	21.95	34.77	PASS
Band12	5	23035	12	#0	16QAM	22.89	-2.2	20.69	34.77	PASS
Band12	5	23035	12	#Mid	16QAM	22.88	-2.2	20.68	34.77	PASS
Band12	5	23035	12	#Max	16QAM	22.84	-2.2	20.64	34.77	PASS
Band12	5	23035	25	#0	16QAM	22.78	-2.2	20.58	34.77	PASS
Band12	5	23095	1	#0	QPSK	24.82	-2.2	22.62	34.77	PASS
Band12	5	23095	1	#Mid	QPSK	24.79	-2.2	22.59	34.77	PASS
Band12	5	23095	1	#Max	QPSK	24.67	-2.2	22.47	34.77	PASS
Band12	5	23095	12	#0	QPSK	23.76	-2.2	21.56	34.77	PASS
Band12	5	23095	12	#Mid	QPSK	23.74	-2.2	21.54	34.77	PASS
Band12	5	23095	12	#Max	QPSK	23.74	-2.2	21.54	34.77	PASS
Band12	5	23095	25	#0	QPSK	23.70	-2.2	21.50	34.77	PASS
Band12	5	23095	1	#0	16QAM	23.93	-2.2	21.73	34.77	PASS
Band12	5	23095	1	#Mid	16QAM	23.93	-2.2	21.73	34.77	PASS
Band12	5	23095	1	#Max	16QAM	23.95	-2.2	21.75	34.77	PASS
Band12	5	23095	12	#0	16QAM	22.72	-2.2	20.52	34.77	PASS
Band12	5	23095	12	#Mid	16QAM	22.73	-2.2	20.53	34.77	PASS
Band12	5	23095	12	#Max	16QAM	22.75	-2.2	20.55	34.77	PASS
Band12	5	23095	25	#0	16QAM	22.73	-2.2	20.53	34.77	PASS
Band12	5	23155	1	#0	QPSK	24.56	-2.2	22.36	34.77	PASS
Band12	5	23155	1	#Mid	QPSK	24.52	-2.2	22.32	34.77	PASS
Band12	5	23155	1	#Max	QPSK	24.51	-2.2	22.31	34.77	PASS
Band12	5	23155	12	#0	QPSK	23.69	-2.2	21.49	34.77	PASS
Band12	5	23155	12	#Mid	QPSK	23.66	-2.2	21.46	34.77	PASS
Band12	5	23155	12	#Max	QPSK	23.64	-2.2	21.44	34.77	PASS
Band12	5	23155	25	#0	QPSK	23.58	-2.2	21.38	34.77	PASS
Band12	5	23155	1	#0	16QAM	23.94	-2.2	21.74	34.77	PASS
Band12	5	23155	1	#Mid	16QAM	23.88	-2.2	21.68	34.77	PASS
Band12	5	23155	1	#Max	16QAM	23.68	-2.2	21.48	34.77	PASS
Band12	5	23155	12	#0	16QAM	22.75	-2.2	20.55	34.77	PASS
Band12	5	23155	12	#Mid	16QAM	22.73	-2.2	20.53	34.77	PASS
Band12	5	23155	12	#Max	16QAM	22.68	-2.2	20.48	34.77	PASS
Band12	5	23155	25	#0	16QAM	22.63	-2.2	20.43	34.77	PASS
Band12	10	23060	1	#0	QPSK	24.81	-2.2	22.61	34.77	PASS
Band12	10	23060	1	#Mid	QPSK	24.92	-2.2	22.72	34.77	PASS
Band12	10	23060	1	#Max	QPSK	24.85	-2.2	22.65	34.77	PASS
Band12	10	23060	25	#0	QPSK	24.81	-2.2	22.61	34.77	PASS
Band12	10	23060	25	#Mid	QPSK	24.75	-2.2	22.55	34.77	PASS
Band12	10	23060	25	#Max	QPSK	24.86	-2.2	22.66	34.77	PASS
Band12	10	23060	50	#0	QPSK	23.80	-2.2	21.60	34.77	PASS
Band12	10	23060	1	#0	16QAM	24.19	-2.2	21.99	34.77	PASS
Band12	10	23060	1	#Mid	16QAM	24.10	-2.2	21.90	34.77	PASS
Band12	10	23060	1	#Max	16QAM	24.05	-2.2	21.85	34.77	PASS
Band12	10	23060	25	#0	16QAM	22.86	-2.2	20.66	34.77	PASS
Band12	10	23060	25	#Mid	16QAM	22.83	-2.2	20.63	34.77	PASS
Band12	10	23060	25	#Max	16QAM	22.80	-2.2	20.60	34.77	PASS
Band12	10	23060	50	#0	16QAM	22.84	-2.2	20.64	34.77	PASS
Band12	10	23095	1	#0	QPSK	24.67	-2.2	22.47	34.77	PASS
Band12	10	23095	1	#Mid	QPSK	24.75	-2.2	22.55	34.77	PASS
Band12	10	23095	1	#Max	QPSK	24.64	-2.2	22.44	34.77	PASS
Band12	10	23095	25	#0	QPSK	24.77	-2.2	22.57	34.77	PASS
Band12	10	23095	25	#Mid	QPSK	24.71	-2.2	22.51	34.77	PASS
Band12	10	23095	25	#Max	QPSK	24.75	-2.2	22.55	34.77	PASS
Band12	10	23095	50	#0	QPSK	23.76	-2.2	21.56	34.77	PASS
Band12	10	23095	1	#0	16QAM	23.89	-2.2	21.69	34.77	PASS
Band12	10	23095	1	#Mid	16QAM	23.80	-2.2	21.60	34.77	PASS
Band12	10	23095	1	#Max	16QAM	23.86	-2.2	21.66	34.77	PASS
Band12	10	23095	25	#0	16QAM	22.76	-2.2	20.56	34.77	PASS
Band12	10	23095	25	#Mid	16QAM	22.75	-2.2	20.55	34.77	PASS

Band12	10	23095	25	#Max	16QAM	22.75	-2.2	20.55	34.77	PASS
Band12	10	23095	50	#0	16QAM	22.80	-2.2	20.60	34.77	PASS
Band12	10	23130	1	#0	QPSK	24.59	-2.2	22.39	34.77	PASS
Band12	10	23130	1	#Mid	QPSK	24.67	-2.2	22.47	34.77	PASS
Band12	10	23130	1	#Max	QPSK	24.62	-2.2	22.42	34.77	PASS
Band12	10	23130	25	#0	QPSK	24.57	-2.2	22.37	34.77	PASS
Band12	10	23130	25	#Mid	QPSK	24.51	-2.2	22.31	34.77	PASS
Band12	10	23130	25	#Max	QPSK	24.55	-2.2	22.35	34.77	PASS
Band12	10	23130	50	#0	QPSK	23.69	-2.2	21.49	34.77	PASS
Band12	10	23130	1	#0	16QAM	23.52	-2.2	21.32	34.77	PASS
Band12	10	23130	1	#Mid	16QAM	23.56	-2.2	21.36	34.77	PASS
Band12	10	23130	1	#Max	16QAM	23.36	-2.2	21.16	34.77	PASS
Band12	10	23130	25	#0	16QAM	22.72	-2.2	20.52	34.77	PASS
Band12	10	23130	25	#Mid	16QAM	22.73	-2.2	20.53	34.77	PASS
Band12	10	23130	25	#Max	16QAM	22.69	-2.2	20.49	34.77	PASS
Band12	10	23130	50	#0	16QAM	22.72	-2.2	20.52	34.77	PASS

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Gain (dB)	ERP (dBm)	ERP Limit (dBm)	Verdict
Band13	5	23205	1	#0	QPSK	24.50	-2.2	20.15	34.77	PASS
Band13	5	23205	1	#Mid	QPSK	24.50	-2.2	20.15	34.77	PASS
Band13	5	23205	1	#Max	QPSK	24.55	-2.2	20.20	34.77	PASS
Band13	5	23205	12	#0	QPSK	23.27	-2.2	18.92	34.77	PASS
Band13	5	23205	12	#Mid	QPSK	23.52	-2.2	19.17	34.77	PASS
Band13	5	23205	12	#Max	QPSK	23.55	-2.2	19.20	34.77	PASS
Band13	5	23205	25	#0	QPSK	23.47	-2.2	19.12	34.77	PASS
Band13	5	23205	1	#0	16QAM	23.70	-2.2	19.35	34.77	PASS
Band13	5	23205	1	#Mid	16QAM	23.82	-2.2	19.47	34.77	PASS
Band13	5	23205	1	#Max	16QAM	23.87	-2.2	19.52	34.77	PASS
Band13	5	23205	12	#0	16QAM	22.48	-2.2	18.13	34.77	PASS
Band13	5	23205	12	#Mid	16QAM	22.50	-2.2	18.15	34.77	PASS
Band13	5	23205	12	#Max	16QAM	22.58	-2.2	18.23	34.77	PASS
Band13	5	23205	25	#0	16QAM	22.54	-2.2	18.19	34.77	PASS
Band13	5	23230	1	#0	QPSK	24.47	-2.2	20.12	34.77	PASS
Band13	5	23230	1	#Mid	QPSK	24.52	-2.2	20.17	34.77	PASS
Band13	5	23230	1	#Max	QPSK	24.55	-2.2	20.20	34.77	PASS
Band13	5	23230	12	#0	QPSK	23.58	-2.2	19.23	34.77	PASS
Band13	5	23230	12	#Mid	QPSK	23.62	-2.2	19.27	34.77	PASS
Band13	5	23230	12	#Max	QPSK	23.63	-2.2	19.28	34.77	PASS
Band13	5	23230	25	#0	QPSK	23.56	-2.2	19.21	34.77	PASS
Band13	5	23230	1	#0	16QAM	23.78	-2.2	19.43	34.77	PASS
Band13	5	23230	1	#Mid	16QAM	23.88	-2.2	19.53	34.77	PASS
Band13	5	23230	1	#Max	16QAM	23.86	-2.2	19.51	34.77	PASS
Band13	5	23230	12	#0	16QAM	22.65	-2.2	18.30	34.77	PASS
Band13	5	23230	12	#Mid	16QAM	22.67	-2.2	18.32	34.77	PASS
Band13	5	23230	12	#Max	16QAM	22.70	-2.2	18.35	34.77	PASS
Band13	5	23230	25	#0	16QAM	22.59	-2.2	18.24	34.77	PASS
Band13	5	23255	1	#0	QPSK	24.59	-2.2	20.24	34.77	PASS
Band13	5	23255	1	#Mid	QPSK	24.66	-2.2	20.31	34.77	PASS
Band13	5	23255	1	#Max	QPSK	24.69	-2.2	20.34	34.77	PASS
Band13	5	23255	12	#0	QPSK	23.66	-2.2	19.31	34.77	PASS
Band13	5	23255	12	#Mid	QPSK	23.69	-2.2	19.34	34.77	PASS
Band13	5	23255	12	#Max	QPSK	23.70	-2.2	19.35	34.77	PASS
Band13	5	23255	25	#0	QPSK	23.62	-2.2	19.27	34.77	PASS
Band13	5	23255	1	#0	16QAM	24.08	-2.2	19.73	34.77	PASS
Band13	5	23255	1	#Mid	16QAM	24.10	-2.2	19.75	34.77	PASS
Band13	5	23255	1	#Max	16QAM	24.04	-2.2	19.69	34.77	PASS
Band13	5	23255	12	#0	16QAM	22.68	-2.2	18.33	34.77	PASS
Band13	5	23255	12	#Mid	16QAM	22.69	-2.2	18.34	34.77	PASS
Band13	5	23255	12	#Max	16QAM	22.69	-2.2	18.34	34.77	PASS
Band13	5	23255	25	#0	16QAM	22.61	-2.2	18.26	34.77	PASS
Band13	10	23230	1	#0	QPSK	24.46	-2.2	20.11	34.77	PASS
Band13	10	23230	1	#Mid	QPSK	24.55	-2.2	20.20	34.77	PASS
Band13	10	23230	1	#Max	QPSK	24.71	-2.2	20.36	34.77	PASS
Band13	10	23230	25	#0	QPSK	23.47	-2.2	19.12	34.77	PASS
Band13	10	23230	25	#Mid	QPSK	23.57	-2.2	19.22	34.77	PASS
Band13	10	23230	25	#Max	QPSK	23.65	-2.2	19.30	34.77	PASS
Band13	10	23230	50	#0	QPSK	23.57	-2.2	19.22	34.77	PASS
Band13	10	23230	1	#0	16QAM	23.78	-2.2	19.43	34.77	PASS
Band13	10	23230	1	#Mid	16QAM	23.98	-2.2	19.63	34.77	PASS
Band13	10	23230	1	#Max	16QAM	23.98	-2.2	19.63	34.77	PASS
Band13	10	23230	25	#0	16QAM	22.53	-2.2	18.18	34.77	PASS
Band13	10	23230	25	#Mid	16QAM	22.61	-2.2	18.26	34.77	PASS
Band13	10	23230	25	#Max	16QAM	22.68	-2.2	18.33	34.77	PASS
Band13	10	23230	50	#0	16QAM	22.61	-2.2	18.26	34.77	PASS

Frequency stability

LTE Band 2 (QPSK) / 1880MHz / BW20M					
Temperature (°C)	**Voltage (Volt)**	**Freq. Dev. (Hz)**	**Freq. Dev. (ppm)**	**Limit**	**Result**
50	Normal Voltage	-1.73	-0.001	2.5ppm	PASS
40		-1.80	-0.001		
30		1.51	0.001		
20		1.77	0.001		
10		-1.43	-0.001		
0		1.80	0.001		
-10		1.88	0.001		
-20		-1.86	-0.001		
-30		-1.44	-0.001		
20	Maximum Voltage	-0.79	0.000		
20	BEP	-0.81	0.000		

LTE Band 2 (16QAM) / 1880MHz / BW20M					
Temperature (°C)	**Voltage (Volt)**	**Freq. Dev. (Hz)**	**Freq. Dev. (ppm)**	**Limit**	**Result**
50	Normal Voltage	2.44	0.001	2.5ppm	PASS
40		-2.13	-0.001		
30		2.54	0.001		
20		3.02	0.002		
10		2.43	0.001		
0		2.22	0.001		
-10		2.15	0.001		
-20		2.51	0.001		
-30		-2.28	-0.001		
20	Maximum Voltage	3.21	0.002		
20	BEP	3.24	0.002		

LTE Band 4 (QPSK) / 1733MHz / BW20M					
Temperature (°C)	Voltage (Volt)	Freq. Dev. (Hz)	Freq. Dev. (ppm)	Limit	Result
50	Normal Voltage	0.86	0.000	2.5ppm	PASS
40		0.54	0.000		
30		0.64	0.000		
20		-3.13	-0.002		
10		-0.93	-0.001		
0		-0.62	0.000		
-10		-0.84	0.000		
-20		-0.70	0.000		
-30		0.50	0.000		
20	Maximum Voltage	-1.08	-0.001		
20	BEP	-0.98	-0.001		

LTE Band 4 (16QAM) / 1733MHz / BW20M					
Temperature (°C)	Voltage (Volt)	Freq. Dev. (Hz)	Freq. Dev. (ppm)	Limit	Result
50	Normal Voltage	-0.08	0.000	2.5ppm	PASS
40		0.35	0.000		
30		-0.07	0.000		
20		-2.19	-0.001		
10		-0.01	0.000		
0		-0.25	0.000		
-10		0.17	0.000		
-20		-0.10	0.000		
-30		-0.36	0.000		
20	Maximum Voltage	-0.81	0.000		
20	BEP	0.21	0.000		

LTE Band 5 (QPSK) / 836.5MHz / BW10M					
Temperature (°C)	Voltage (Volt)	Freq. Dev. (Hz)	Freq. Dev. (ppm)	Limit	Result
50	Normal Voltage	-0.17	0.000	2.5ppm	PASS
40		0.11	0.000		
30		-0.36	0.000		
20		-1.52	-0.002		
10		-0.26	0.000		
0		0.06	0.000		
-10		-0.22	0.000		
-20		-0.31	0.000		
-30		-0.18	0.000		
20	Maximum Voltage	0.50	0.001		
20	BEP	0.09	0.000		

LTE Band 5 (16QAM) / 836.5MHz / BW10M					
Temperature (°C)	Voltage (Volt)	Freq. Dev. (Hz)	Freq. Dev. (ppm)	Limit	Result
50	Normal Voltage	0.59	0.001	2.5ppm	PASS
40		0.27	0.000		
30		0.11	0.000		
20		-0.99	-0.001		
10		0.14	0.000		
0		-0.51	-0.001		
-10		-0.27	0.000		
-20		0.22	0.000		
-30		-0.58	-0.001		
20	Maximum Voltage	0.30	0.000		
20	BEP	-0.20	0.000		

LTE Band 12 (QPSK) / 707.5MHz / BW10M					
Temperature (°C)	Voltage (Volt)	Freq. Dev. (Hz)	Freq. Dev. (ppm)	Limit	Result
50	Normal Voltage	-1.06	-0.001	2.5ppm	PASS
40		-0.59	-0.001		
30		0.74	0.001		
20		0.03	0.000		
10		-0.63	-0.001		
0		0.85	0.001		
-10		1.00	0.001		
-20		-0.83	-0.001		
-30		0.87	0.001		
20	Maximum Voltage	-0.49	-0.001		
20	BEP	1.47	0.002		

LTE Band 12 (16QAM) / 707.5MHz / BW10M					
Temperature (°C)	Voltage (Volt)	Freq. Dev. (Hz)	Freq. Dev. (ppm)	Limit	Result
50	Normal Voltage	-0.02	0.000	2.5ppm	PASS
40		0.31	0.000		
30		-0.02	0.000		
20		-1.10	-0.002		
10		-0.49	-0.001		
0		0.08	0.000		
-10		0.50	0.001		
-20		0.13	0.000		
-30		-0.01	0.000		
20	Maximum Voltage	-0.23	0.000		
20	BEP	-0.12	0.000		

LTE Band 13 (QPSK) / 782MHz / BW10M					
Temperature (°C)	Voltage (Volt)	Freq. Dev. (Hz)	Freq. Dev. (ppm)	Limit	Result
50	Normal Voltage	-1.13	-0.001	2.5ppm	PASS
40		0.59	0.001		
30		1.11	0.001		
20		0.09	0.000		
10		0.65	0.001		
0		1.08	0.001		
-10		-0.67	-0.001		
-20		-1.03	-0.001		
-30		0.75	0.001		
20	Maximum Voltage	0.97	0.001		
20	BEP	1.25	0.002		

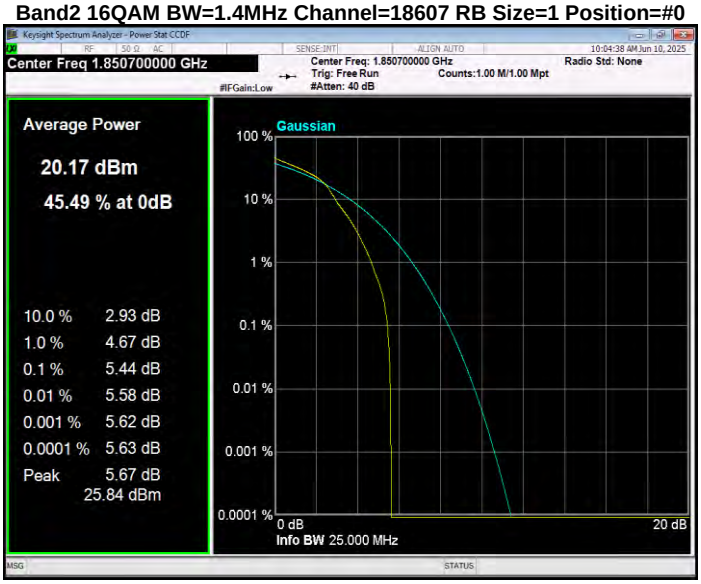
LTE Band 13 (16QAM) / 782MHz / BW10M					
Temperature (°C)	Voltage (Volt)	Freq. Dev. (Hz)	Freq. Dev. (ppm)	Limit	Result
50	Normal Voltage	-0.54	-0.001	2.5ppm	PASS
40		0.38	0.000		
30		0.32	0.000		
20		-1.02	-0.001		
10		0.05	0.000		
0		0.47	0.001		
-10		0.60	0.001		
-20		-0.27	0.000		
-30		-0.49	-0.001		
20	Maximum Voltage	-0.28	0.000		
20	BEP	-0.29	0.000		

Peak-to-Average Ratio

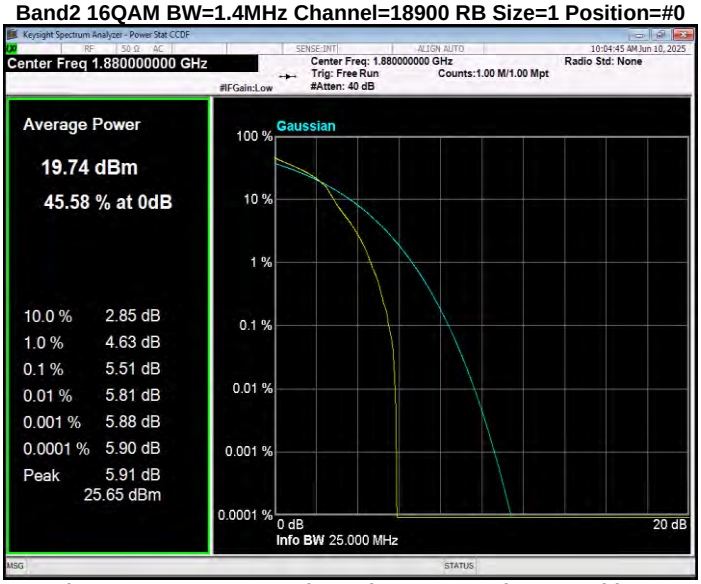
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
Band2	1.4	18607	1	#0	QPSK	4.51	13	PASS
Band2	1.4	18607	1	#0	16QAM	5.44	13	PASS
Band2	1.4	18900	1	#0	QPSK	4.57	13	PASS
Band2	1.4	18900	1	#0	16QAM	5.51	13	PASS
Band2	1.4	19193	1	#0	QPSK	4.92	13	PASS
Band2	1.4	19193	1	#0	16QAM	5.56	13	PASS
Band2	3	18615	1	#0	QPSK	4.48	13	PASS
Band2	3	18615	1	#0	16QAM	5.35	13	PASS
Band2	3	18900	1	#0	QPSK	4.60	13	PASS
Band2	3	18900	1	#0	16QAM	5.46	13	PASS
Band2	3	19185	1	#0	QPSK	4.75	13	PASS
Band2	3	19185	1	#0	16QAM	5.38	13	PASS
Band2	5	18625	1	#0	QPSK	4.60	13	PASS
Band2	5	18625	1	#0	16QAM	5.26	13	PASS
Band2	5	18900	1	#0	QPSK	4.57	13	PASS
Band2	5	18900	1	#0	16QAM	5.16	13	PASS
Band2	5	19175	1	#0	QPSK	4.86	13	PASS
Band2	5	19175	1	#0	16QAM	5.43	13	PASS
Band2	10	18650	1	#0	QPSK	4.42	13	PASS
Band2	10	18650	1	#0	16QAM	5.26	13	PASS
Band2	10	18900	1	#0	QPSK	4.76	13	PASS
Band2	10	18900	1	#0	16QAM	5.59	13	PASS
Band2	10	19150	1	#0	QPSK	5.26	13	PASS
Band2	10	19150	1	#0	16QAM	5.76	13	PASS
Band2	15	18675	1	#0	QPSK	4.40	13	PASS
Band2	15	18675	1	#0	16QAM	5.24	13	PASS
Band2	15	18900	1	#0	QPSK	5.07	13	PASS
Band2	15	18900	1	#0	16QAM	6.08	13	PASS
Band2	15	19125	1	#0	QPSK	5.28	13	PASS
Band2	15	19125	1	#0	16QAM	6.02	13	PASS
Band2	20	18700	1	#0	QPSK	4.32	13	PASS
Band2	20	18700	1	#0	16QAM	4.96	13	PASS
Band2	20	18900	1	#0	QPSK	5.47	13	PASS
Band2	20	18900	1	#0	16QAM	6.01	13	PASS
Band2	20	19100	1	#0	QPSK	4.52	13	PASS
Band2	20	19100	1	#0	16QAM	5.51	13	PASS
Band4	1.4	19957	1	#0	QPSK	4.88	13	PASS
Band4	1.4	19957	1	#0	16QAM	5.67	13	PASS
Band4	1.4	20175	1	#0	QPSK	4.64	13	PASS
Band4	1.4	20175	1	#0	16QAM	5.58	13	PASS
Band4	1.4	20393	1	#0	QPSK	4.43	13	PASS
Band4	1.4	20393	1	#0	16QAM	5.14	13	PASS
Band4	3	19965	1	#0	QPSK	4.83	13	PASS
Band4	3	19965	1	#0	16QAM	5.78	13	PASS
Band4	3	20175	1	#0	QPSK	4.71	13	PASS
Band4	3	20175	1	#0	16QAM	5.75	13	PASS
Band4	3	20385	1	#0	QPSK	4.29	13	PASS
Band4	3	20385	1	#0	16QAM	4.95	13	PASS
Band4	5	19975	1	#0	QPSK	4.99	13	PASS
Band4	5	19975	1	#0	16QAM	5.52	13	PASS
Band4	5	20175	1	#0	QPSK	4.61	13	PASS
Band4	5	20175	1	#0	16QAM	5.19	13	PASS
Band4	5	20375	1	#0	QPSK	4.12	13	PASS
Band4	5	20375	1	#0	16QAM	4.81	13	PASS
Band4	10	20000	1	#0	QPSK	4.86	13	PASS
Band4	10	20000	1	#0	16QAM	5.71	13	PASS
Band4	10	20175	1	#0	QPSK	4.65	13	PASS
Band4	10	20175	1	#0	16QAM	5.66	13	PASS
Band4	10	20350	1	#0	QPSK	3.63	13	PASS
Band4	10	20350	1	#0	16QAM	4.54	13	PASS
Band4	15	20025	1	#0	QPSK	4.90	13	PASS
Band4	15	20025	1	#0	16QAM	5.70	13	PASS
Band4	15	20175	1	#0	QPSK	4.67	13	PASS
Band4	15	20175	1	#0	16QAM	5.59	13	PASS
Band4	15	20325	1	#0	QPSK	3.96	13	PASS
Band4	15	20325	1	#0	16QAM	4.73	13	PASS
Band4	20	20050	1	#0	QPSK	4.85	13	PASS
Band4	20	20050	1	#0	16QAM	5.46	13	PASS
Band4	20	20175	1	#0	QPSK	4.77	13	PASS
Band4	20	20175	1	#0	16QAM	5.57	13	PASS
Band4	20	20300	1	#0	QPSK	4.45	13	PASS
Band4	20	20300	1	#0	16QAM	5.47	13	PASS
Band5	1.4	20407	1	#0	QPSK	4.80	13	PASS

Band5	1.4	20407	1	#0	16QAM	5.75	13	PASS
Band5	1.4	20525	1	#0	QPSK	3.82	13	PASS
Band5	1.4	20525	1	#0	16QAM	4.80	13	PASS
Band5	1.4	20643	1	#0	QPSK	3.28	13	PASS
Band5	1.4	20643	1	#0	16QAM	4.24	13	PASS
Band5	3	20415	1	#0	QPSK	4.72	13	PASS
Band5	3	20415	1	#0	16QAM	5.63	13	PASS
Band5	3	20525	1	#0	QPSK	3.71	13	PASS
Band5	3	20525	1	#0	16QAM	4.64	13	PASS
Band5	3	20635	1	#0	QPSK	3.10	13	PASS
Band5	3	20635	1	#0	16QAM	4.07	13	PASS
Band5	5	20425	1	#0	QPSK	4.82	13	PASS
Band5	5	20425	1	#0	16QAM	5.48	13	PASS
Band5	5	20525	1	#0	QPSK	3.34	13	PASS
Band5	5	20525	1	#0	16QAM	4.17	13	PASS
Band5	5	20625	1	#0	QPSK	2.70	13	PASS
Band5	5	20625	1	#0	16QAM	3.56	13	PASS
Band5	10	20450	1	#0	QPSK	4.70	13	PASS
Band5	10	20450	1	#0	16QAM	5.52	13	PASS
Band5	10	20525	1	#0	QPSK	2.62	13	PASS
Band5	10	20525	1	#0	16QAM	3.68	13	PASS
Band5	10	20600	1	#0	QPSK	3.44	13	PASS
Band5	10	20600	1	#0	16QAM	4.35	13	PASS
Band12	1.4	23017	1	#0	QPSK	4.84	13	PASS
Band12	1.4	23017	1	#0	16QAM	5.85	13	PASS
Band12	1.4	23095	1	#0	QPSK	1.82	13	PASS
Band12	1.4	23095	1	#0	16QAM	2.96	13	PASS
Band12	1.4	23173	1	#0	QPSK	2.40	13	PASS
Band12	1.4	23173	1	#0	16QAM	3.44	13	PASS
Band12	3	23025	1	#0	QPSK	4.88	13	PASS
Band12	3	23025	1	#0	16QAM	5.74	13	PASS
Band12	3	23095	1	#0	QPSK	1.69	13	PASS
Band12	3	23095	1	#0	16QAM	2.83	13	PASS
Band12	3	23165	1	#0	QPSK	3.24	13	PASS
Band12	3	23165	1	#0	16QAM	4.23	13	PASS
Band12	5	23035	1	#0	QPSK	4.82	13	PASS
Band12	5	23035	1	#0	16QAM	5.62	13	PASS
Band12	5	23095	1	#0	QPSK	1.64	13	PASS
Band12	5	23095	1	#0	16QAM	2.69	13	PASS
Band12	5	23155	1	#0	QPSK	4.19	13	PASS
Band12	5	23155	1	#0	16QAM	4.95	13	PASS
Band12	10	23060	1	#0	QPSK	4.63	13	PASS
Band12	10	23060	1	#0	16QAM	5.72	13	PASS
Band12	10	23095	1	#0	QPSK	2.60	13	PASS
Band12	10	23095	1	#0	16QAM	3.58	13	PASS
Band12	10	23130	1	#0	QPSK	1.64	13	PASS
Band12	10	23130	1	#0	16QAM	2.64	13	PASS
Band13	5	23205	1	#0	QPSK	4.03	13	PASS
Band13	5	23205	1	#0	16QAM	4.88	13	PASS
Band13	5	23230	1	#0	QPSK	4.37	13	PASS
Band13	5	23230	1	#0	16QAM	5.19	13	PASS
Band13	5	23255	1	#0	QPSK	4.42	13	PASS
Band13	5	23255	1	#0	16QAM	5.14	13	PASS
Band13	10	23230	1	#0	QPSK	4.05	13	PASS
Band13	10	23230	1	#0	16QAM	5.04	13	PASS

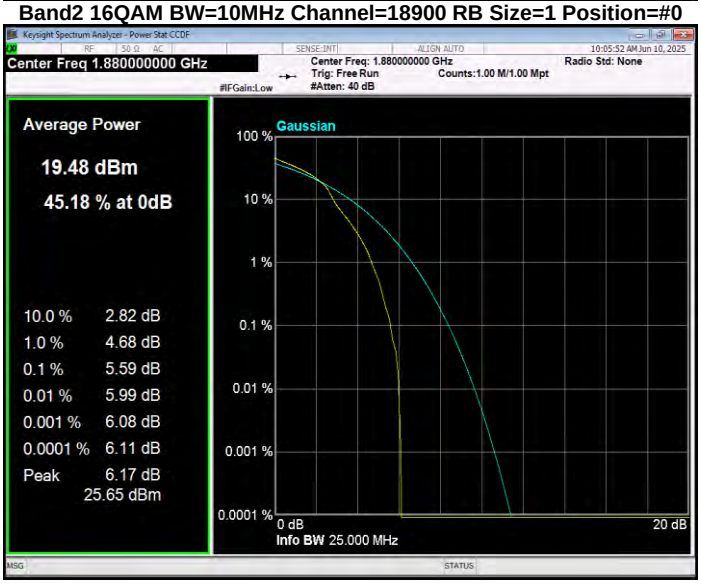
Band2 16QAM BW=1.4MHz Channel=18607 RB Size=1 Position=#0



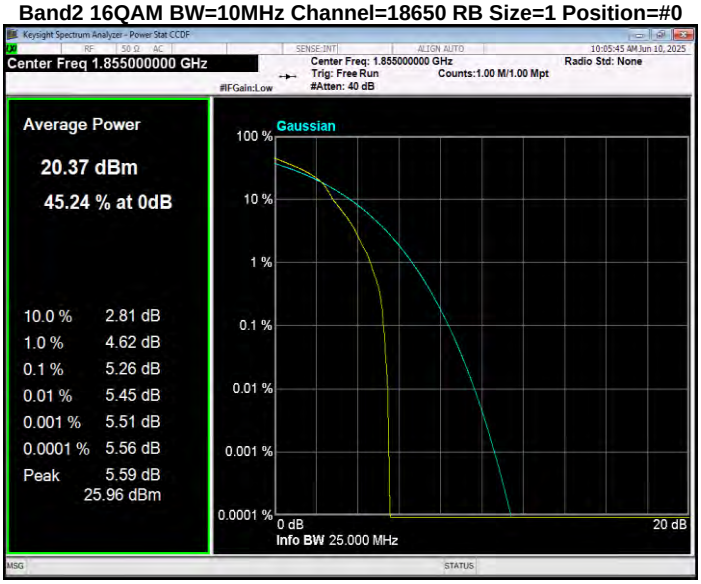
Band2 16QAM BW=1.4MHz Channel=18900 RB Size=1 Position=#0



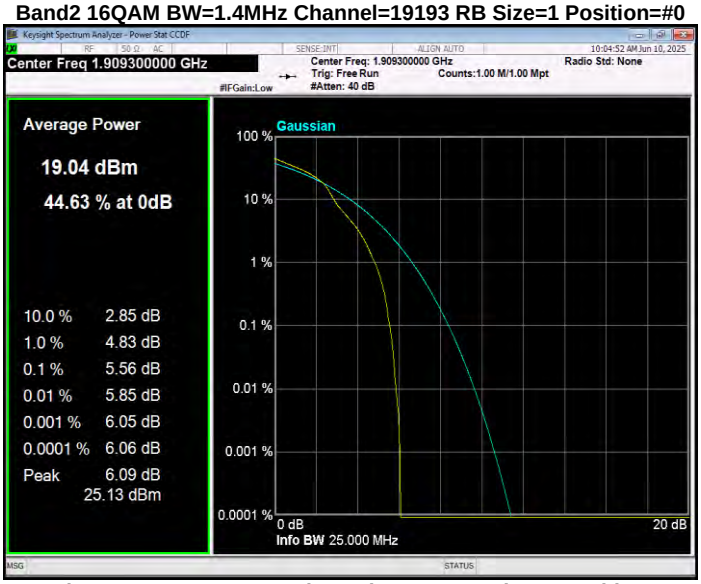
Band2 16QAM BW=10MHz Channel=18900 RB Size=1 Position=#0



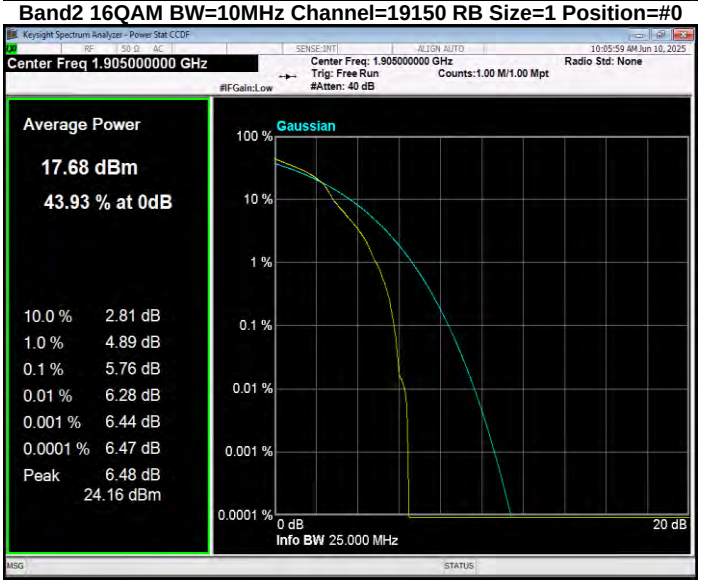
Band2 16QAM BW=10MHz Channel=18650 RB Size=1 Position=#0



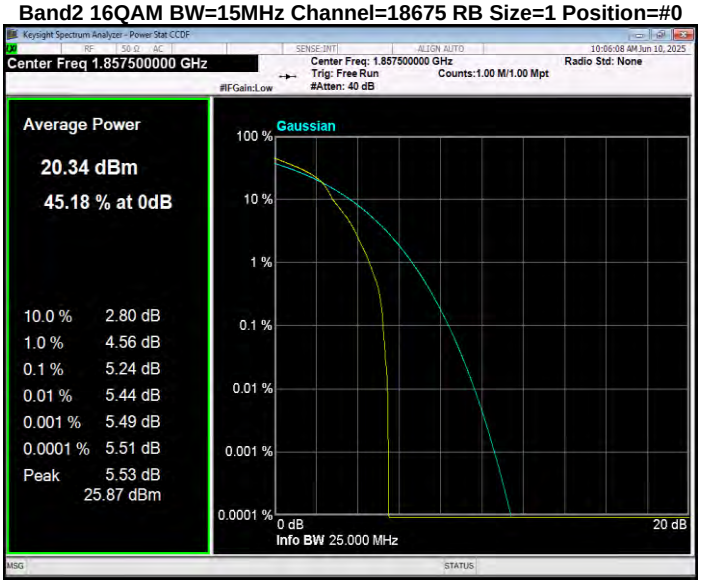
Band2 16QAM BW=1.4MHz Channel=19193 RB Size=1 Position=#0



Band2 16QAM BW=10MHz Channel=19150 RB Size=1 Position=#0

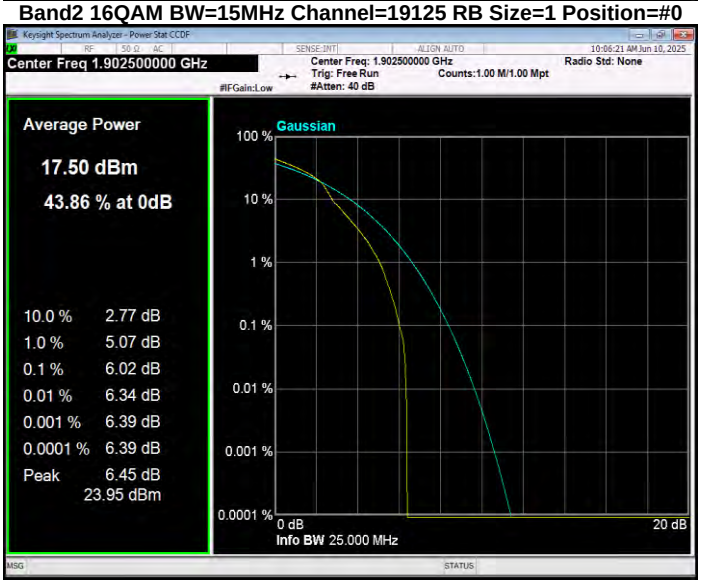


Band2 16QAM BW=15MHz Channel=18675 RB Size=1 Position=#0

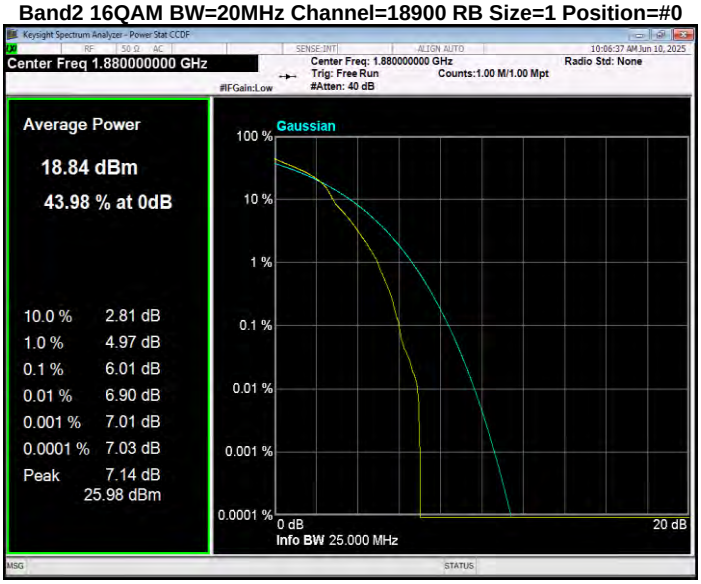


Band2 16QAM BW=15MHz Channel=18900 RB Size=1 Position=#0

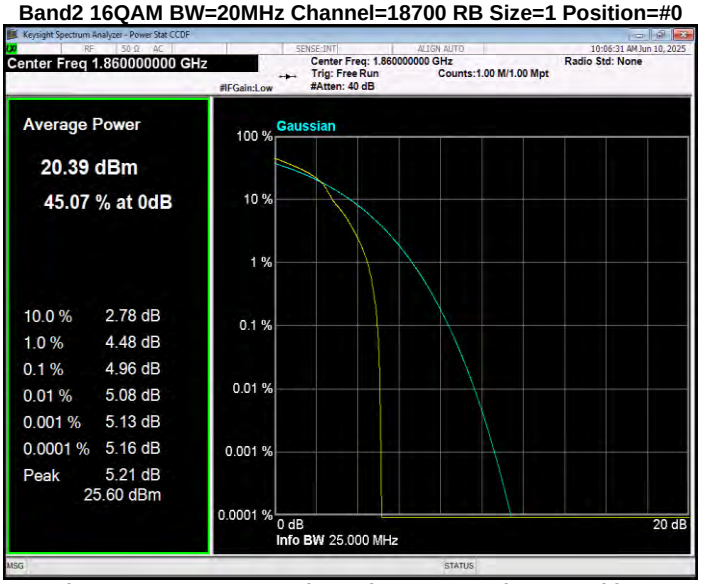
Band2 16QAM BW=15MHz Channel=19125 RB Size=1 Position=#0



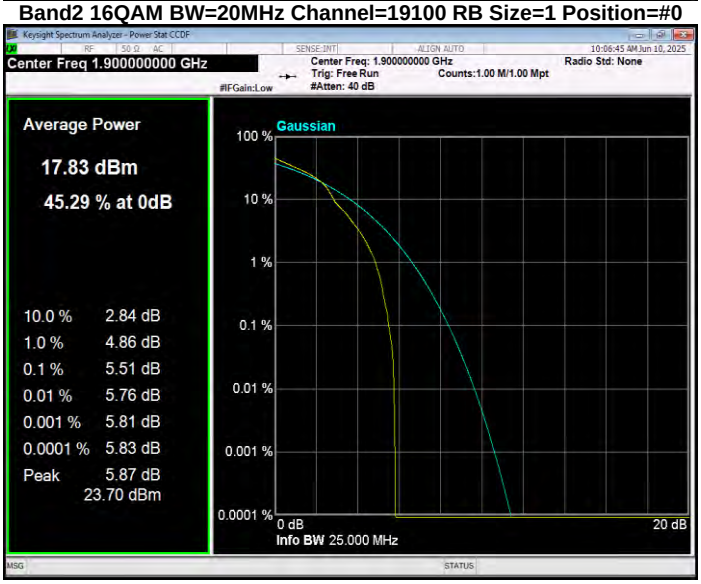
Band2 16QAM BW=20MHz Channel=18900 RB Size=1 Position=#0



Band2 16QAM BW=20MHz Channel=18700 RB Size=1 Position=#0



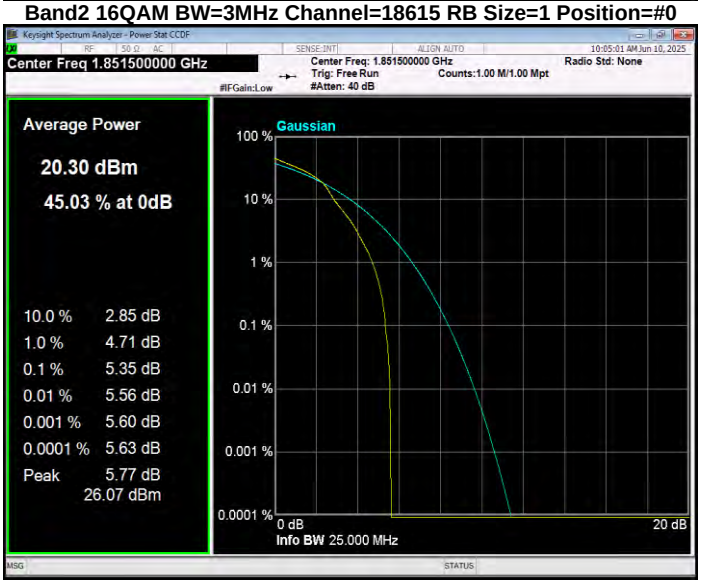
Band2 16QAM BW=20MHz Channel=19100 RB Size=1 Position=#0



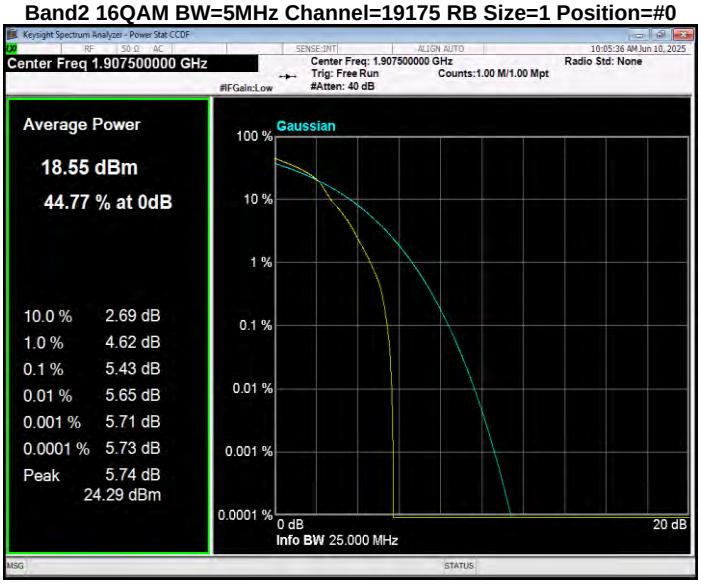
Band2 16QAM BW=3MHz Channel=19185 RB Size=1 Position=#0

Band2 16QAM BW=3MHz Channel=18900 RB Size=1 Position=#0

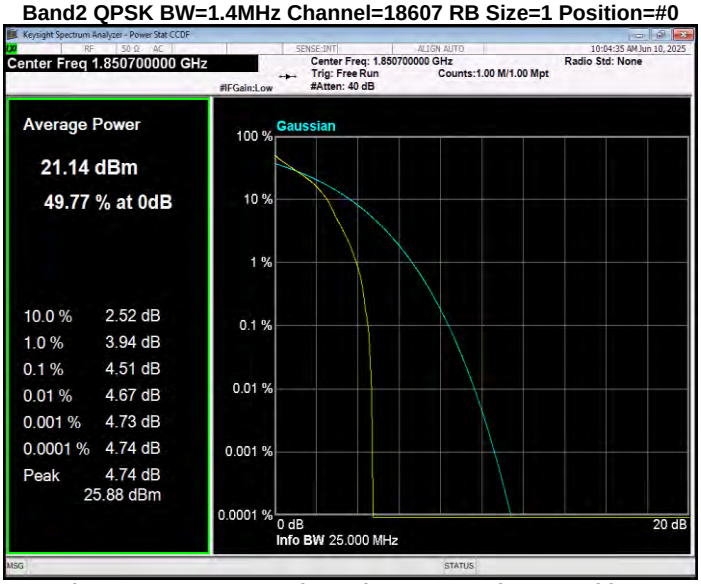
Band2 16QAM BW=3MHz Channel=18615 RB Size=1 Position=#0



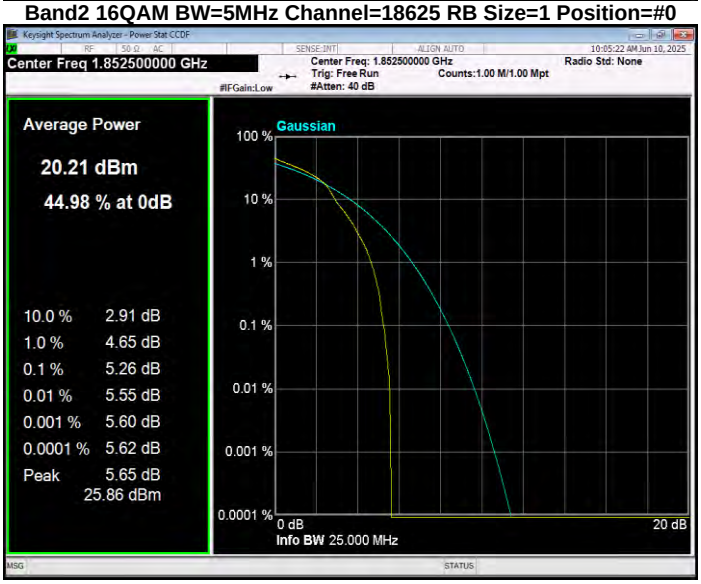
Band2 16QAM BW=5MHz Channel=19175 RB Size=1 Position=#0



Band2 QPSK BW=1.4MHz Channel=18607 RB Size=1 Position=#0

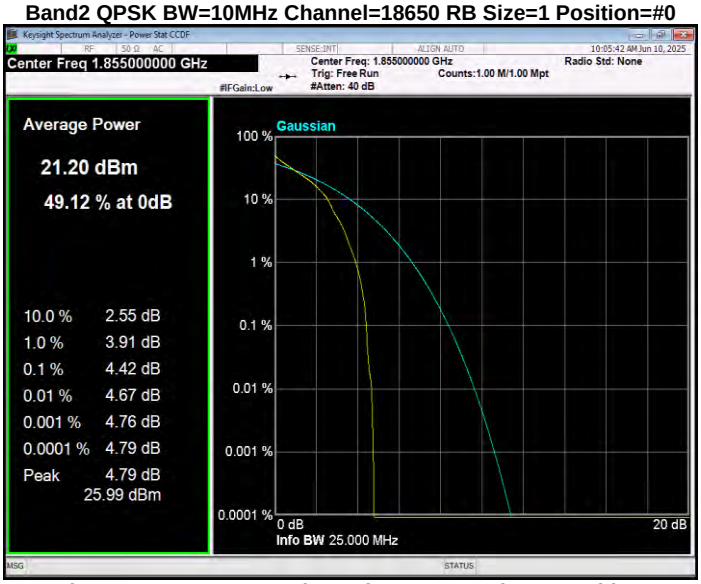


Band2 16QAM BW=5MHz Channel=18625 RB Size=1 Position=#0

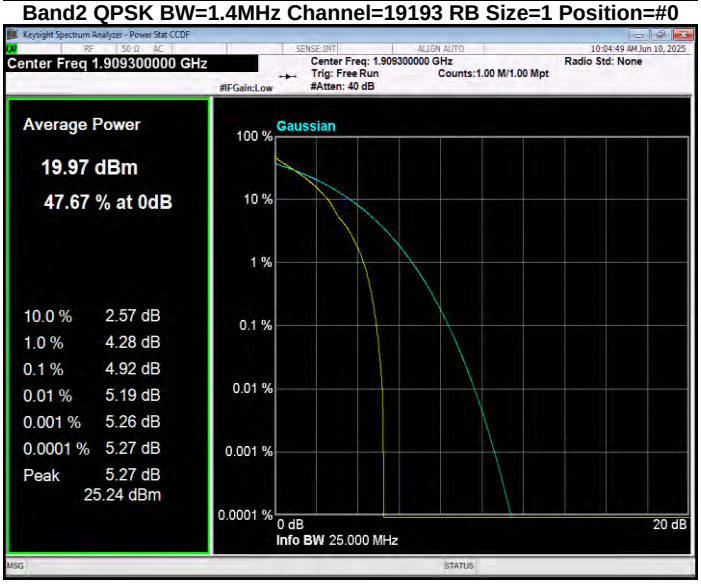


Band2 16QAM BW=5MHz Channel=18900 RB Size=1 Position=#0

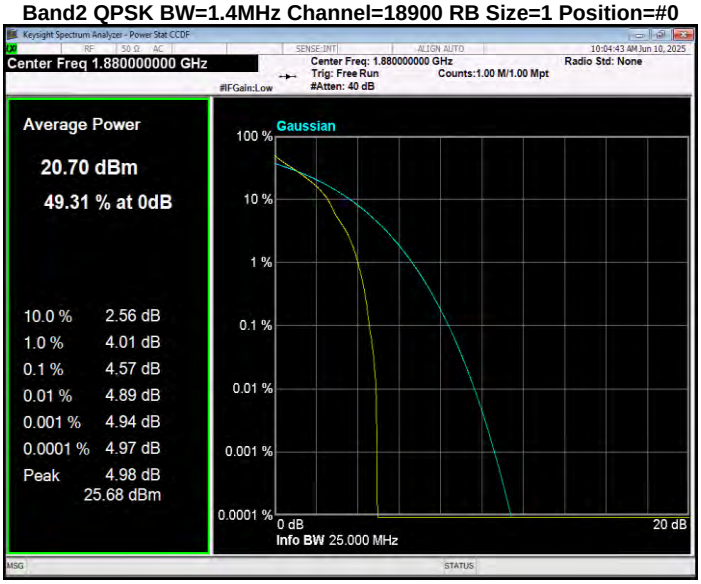
Band2 QPSK BW=10MHz Channel=18650 RB Size=1 Position=#0



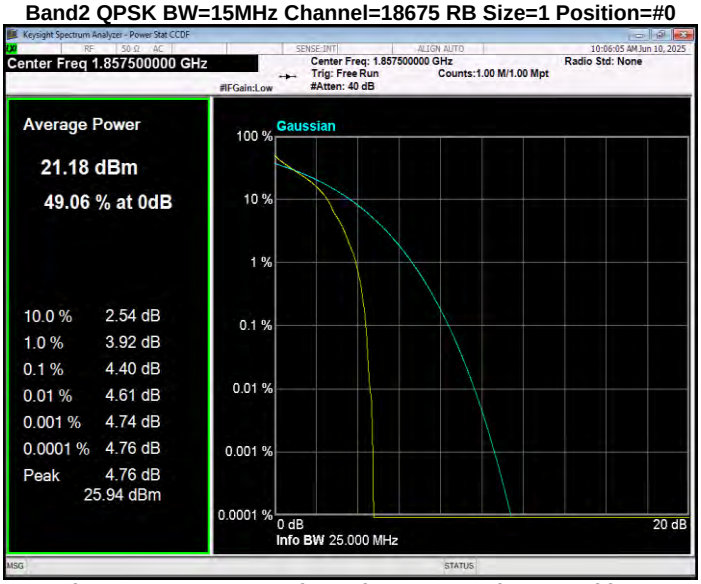
Band2 QPSK BW=1.4MHz Channel=19193 RB Size=1 Position=#0



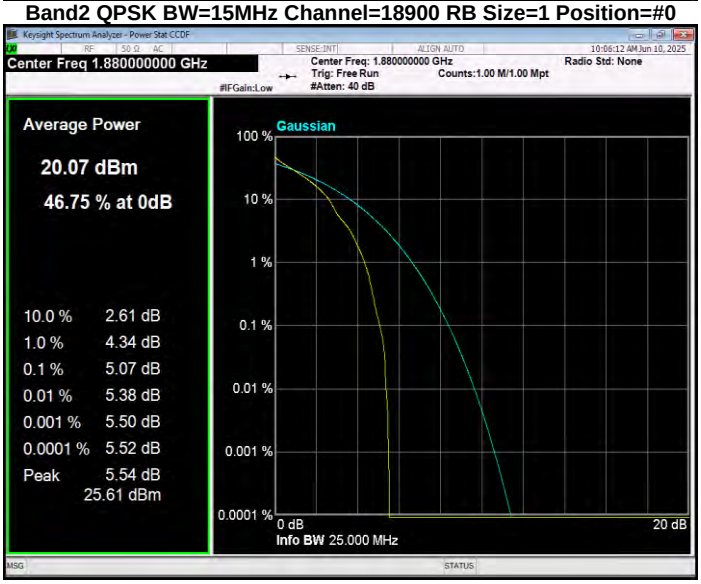
Band2 QPSK BW=1.4MHz Channel=18900 RB Size=1 Position=#0



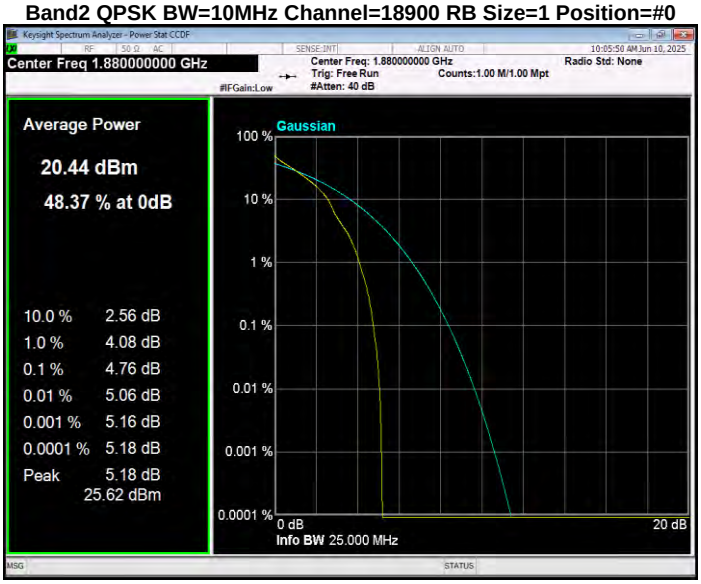
Band2 QPSK BW=15MHz Channel=18675 RB Size=1 Position=#0



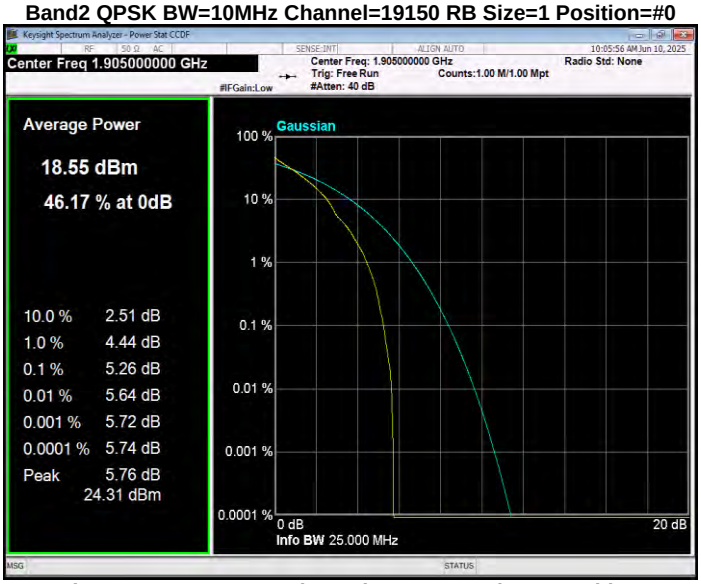
Band2 QPSK BW=15MHz Channel=18900 RB Size=1 Position=#0



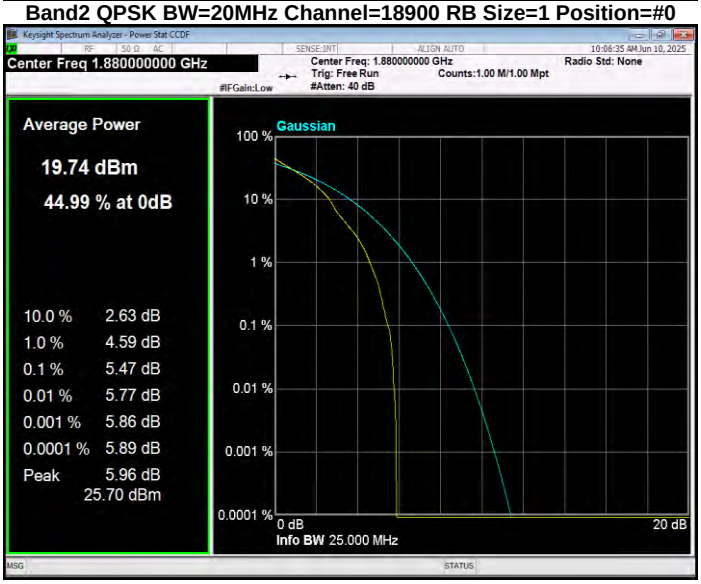
Band2 QPSK BW=10MHz Channel=18900 RB Size=1 Position=#0



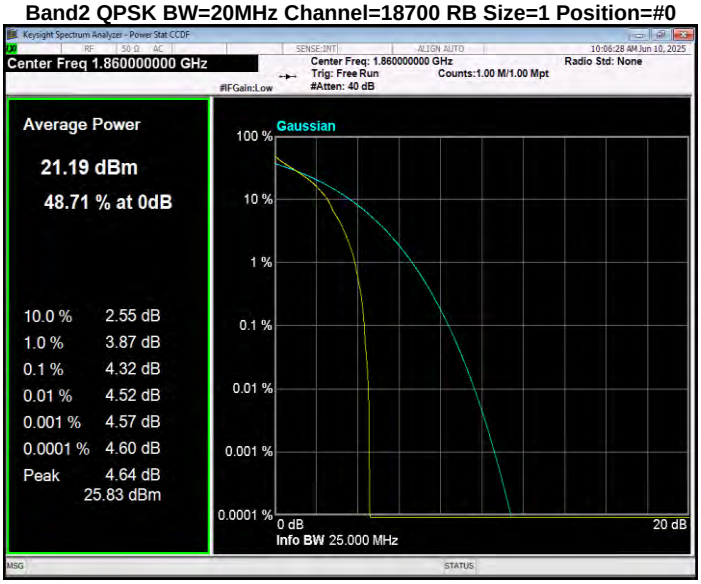
Band2 QPSK BW=10MHz Channel=19150 RB Size=1 Position=#0



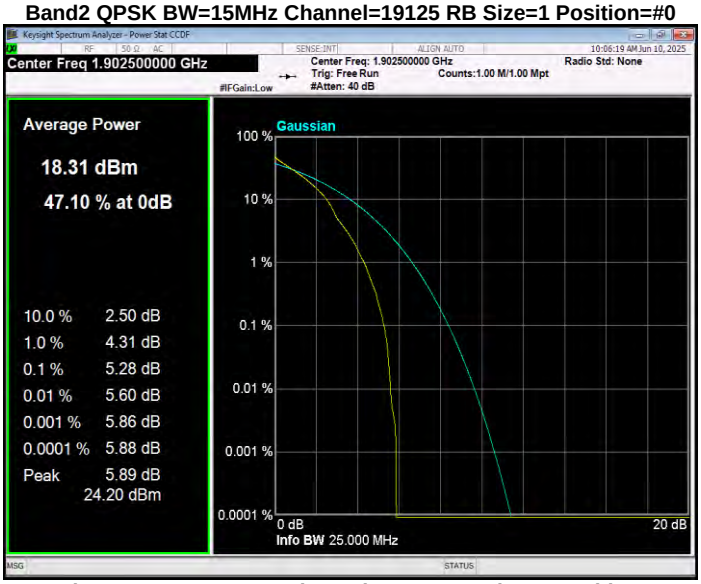
Band2 QPSK BW=20MHz Channel=18900 RB Size=1 Position=#0



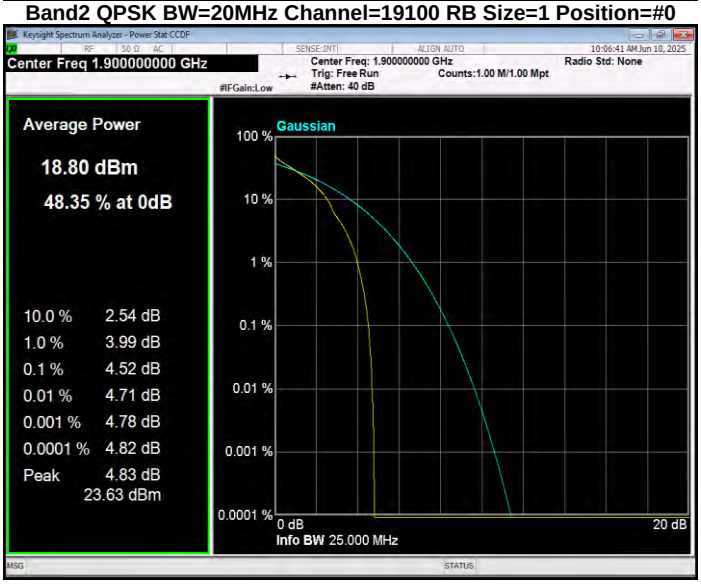
Band2 QPSK BW=20MHz Channel=18700 RB Size=1 Position=#0



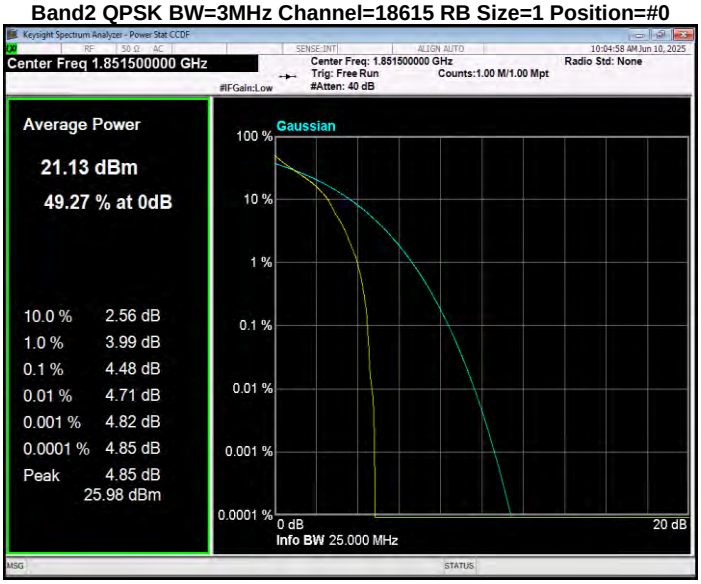
Band2 QPSK BW=15MHz Channel=19125 RB Size=1 Position=#0



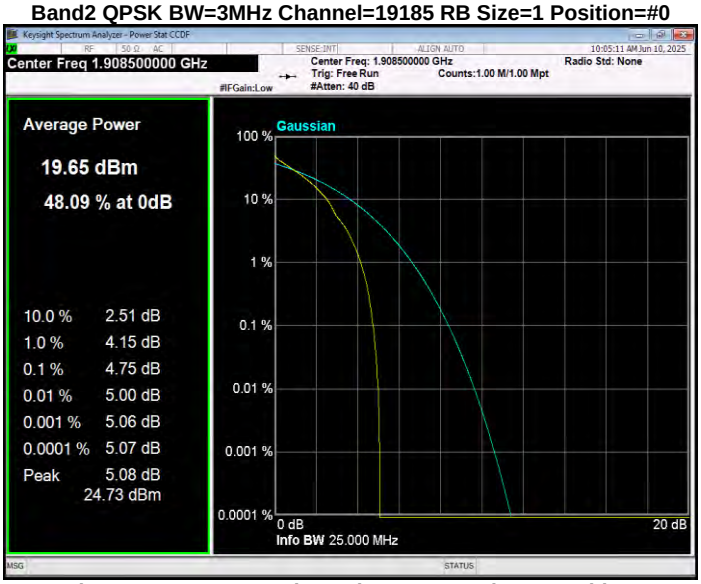
Band2 QPSK BW=20MHz Channel=19100 RB Size=1 Position=#0



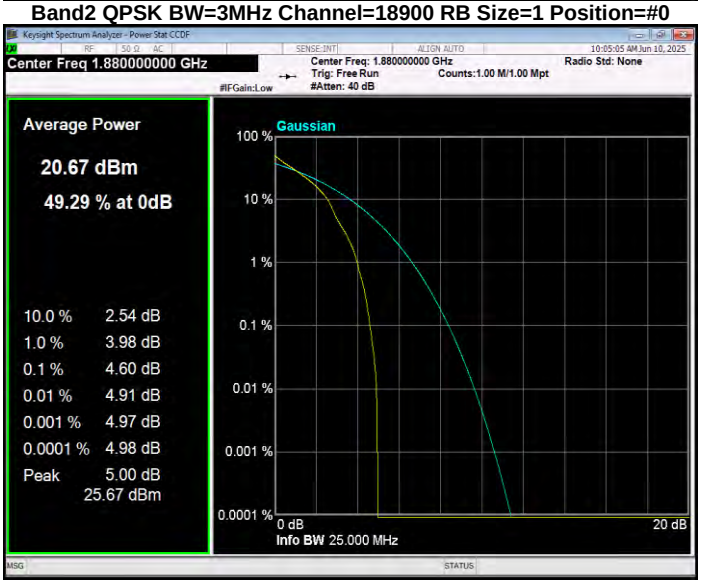
Band2 QPSK BW=3MHz Channel=18615 RB Size=1 Position=#0



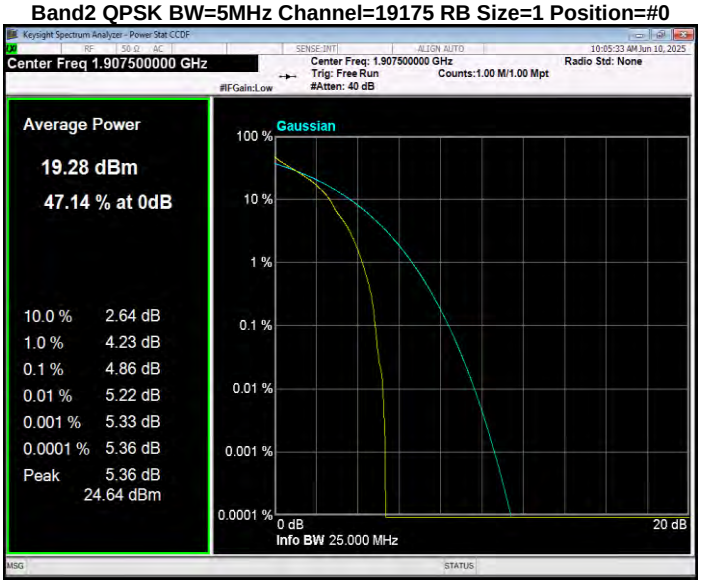
Band2 QPSK BW=3MHz Channel=19185 RB Size=1 Position=#0



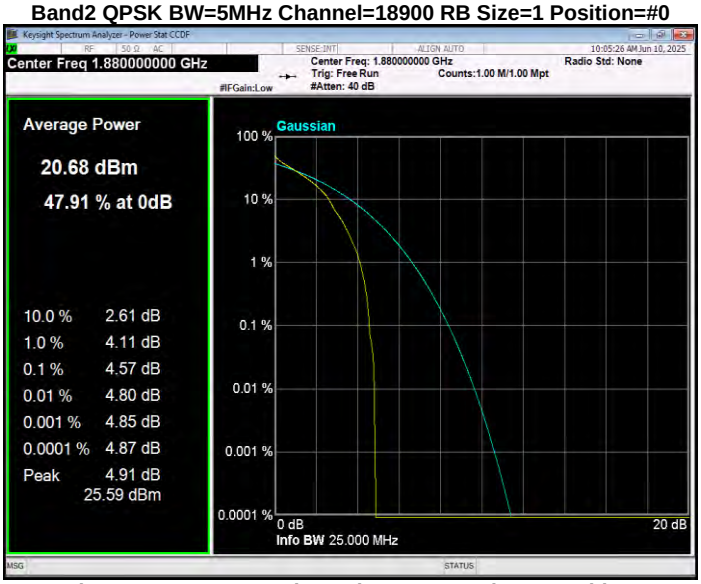
Band2 QPSK BW=3MHz Channel=18900 RB Size=1 Position=#0



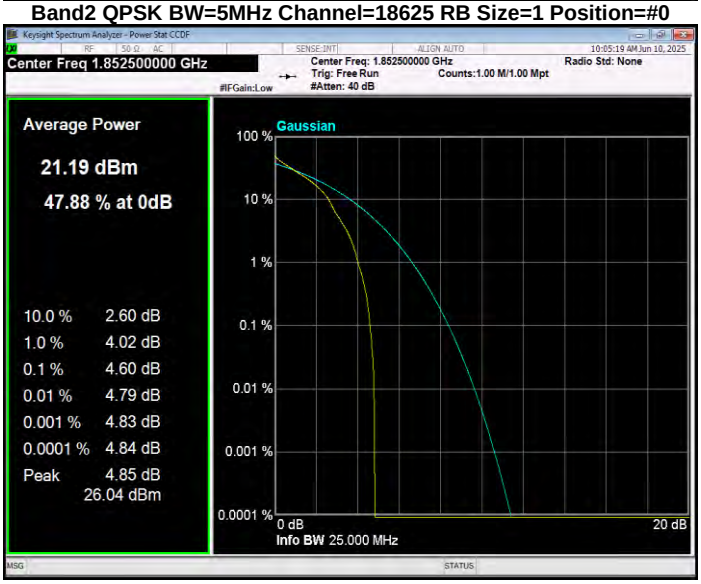
Band2 QPSK BW=5MHz Channel=19175 RB Size=1 Position=#0



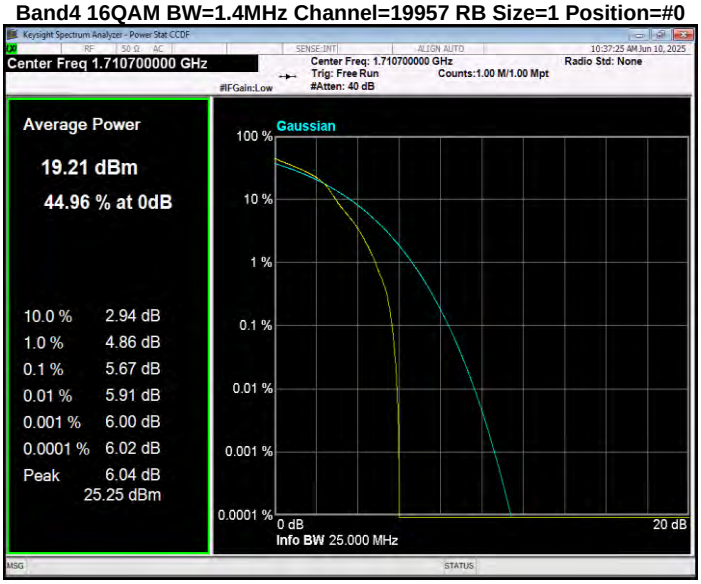
Band2 QPSK BW=5MHz Channel=18900 RB Size=1 Position=#0



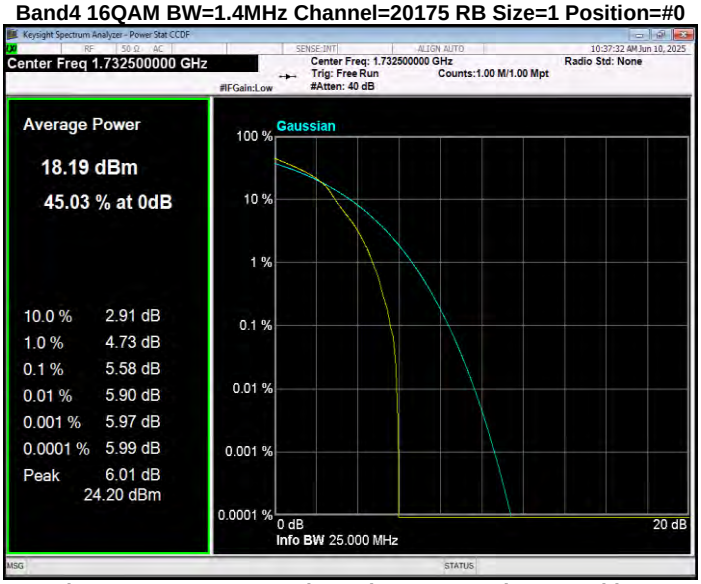
Band2 QPSK BW=5MHz Channel=18625 RB Size=1 Position=#0



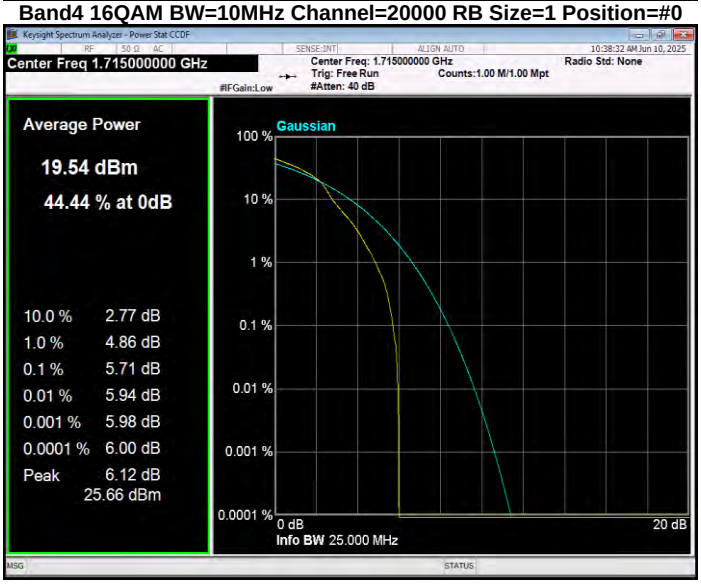
Band4 16QAM BW=1.4MHz Channel=19957 RB Size=1 Position=#0



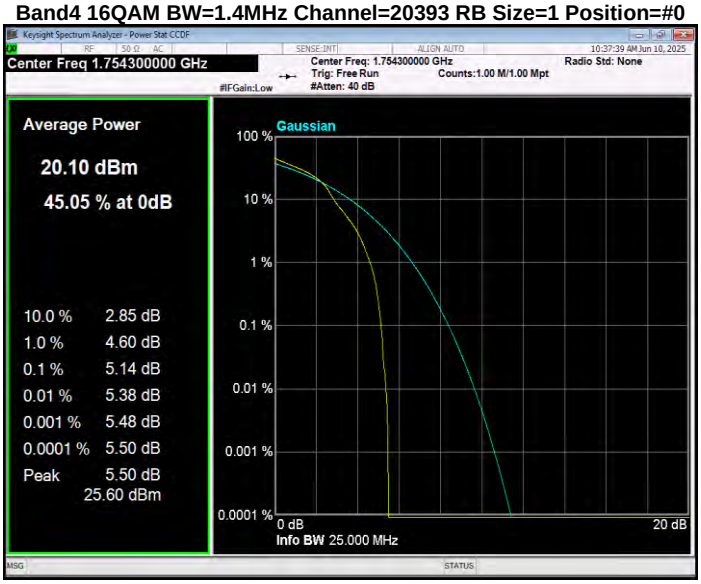
Band4 16QAM BW=1.4MHz Channel=20175 RB Size=1 Position=#0



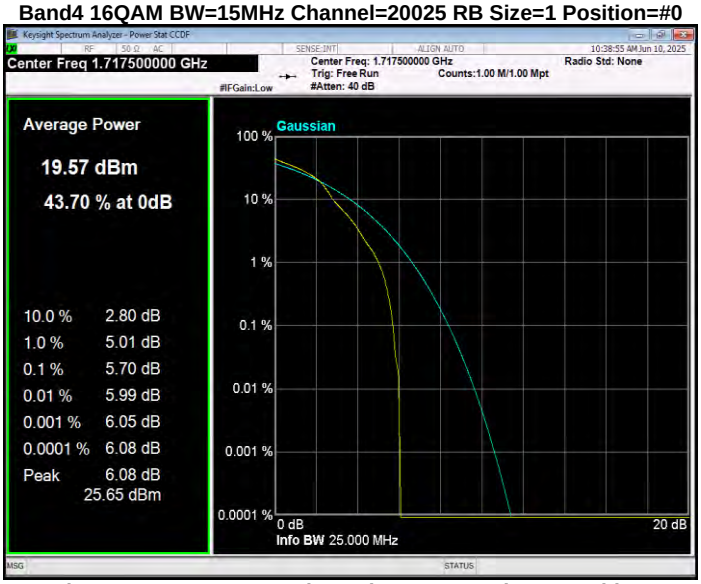
Band4 16QAM BW=10MHz Channel=20000 RB Size=1 Position=#0



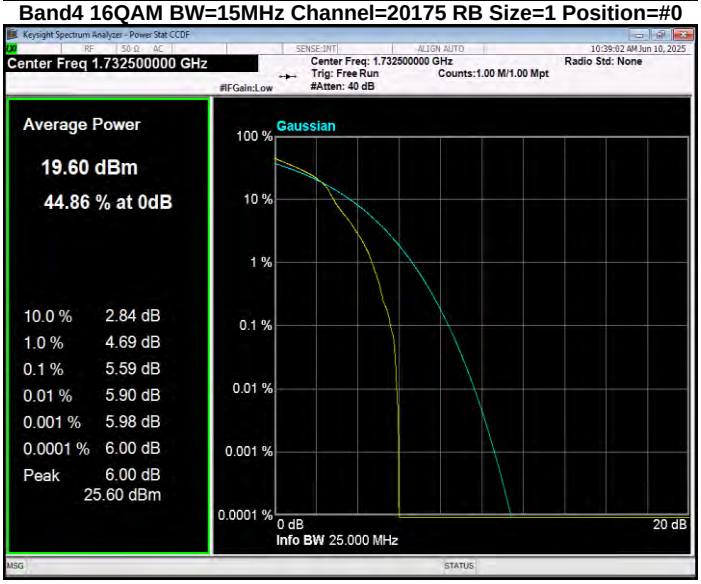
Band4 16QAM BW=1.4MHz Channel=20393 RB Size=1 Position=#0



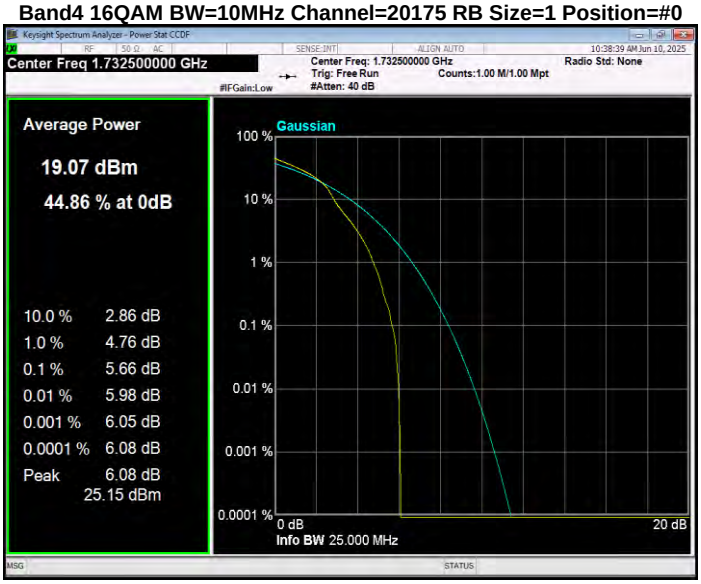
Band4 16QAM BW=15MHz Channel=20025 RB Size=1 Position=#0



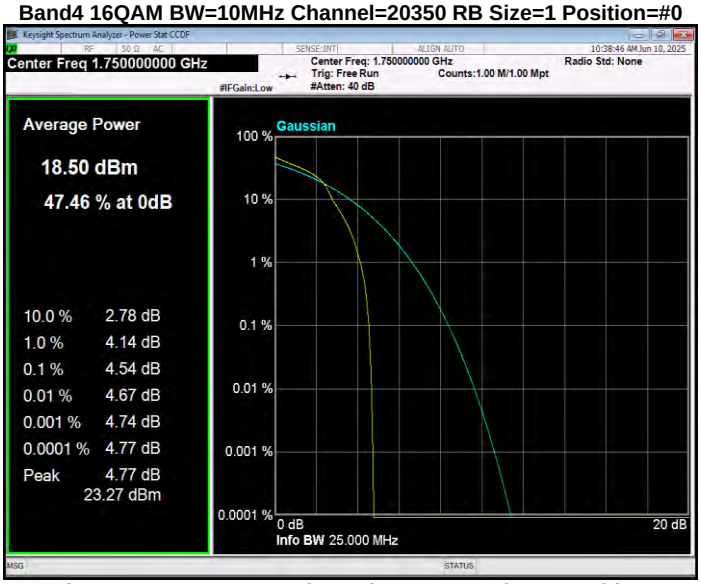
Band4 16QAM BW=15MHz Channel=20175 RB Size=1 Position=#0



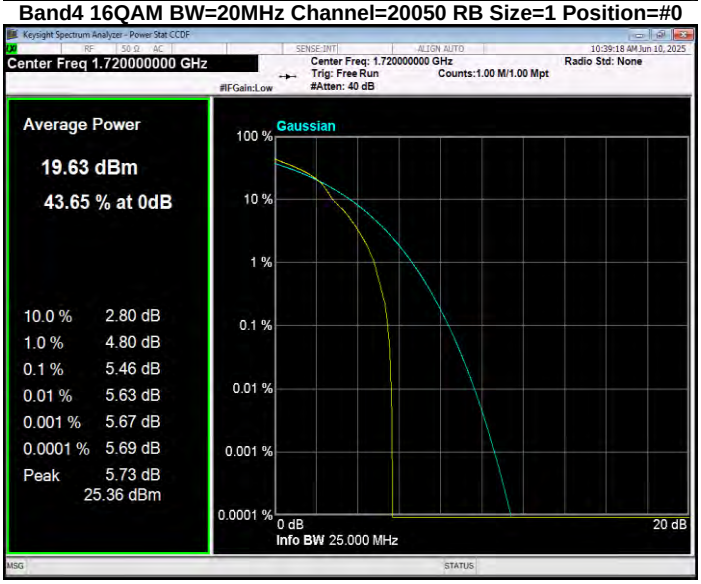
Band4 16QAM BW=10MHz Channel=20175 RB Size=1 Position=#0



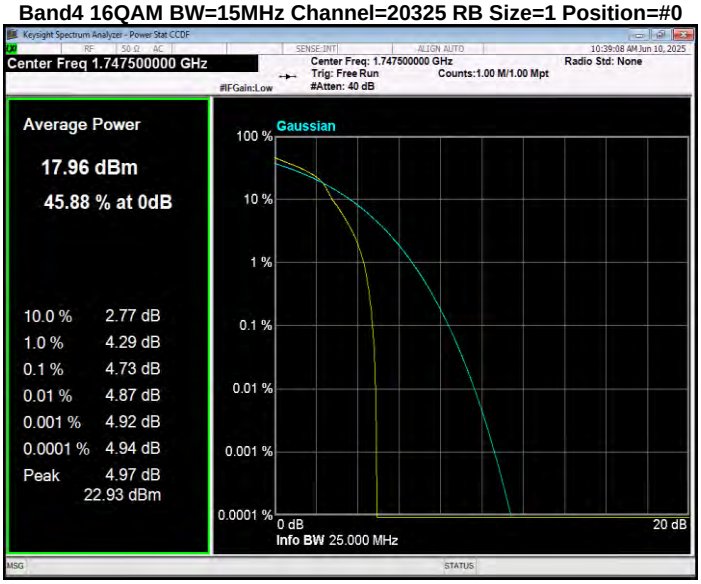
Band4 16QAM BW=10MHz Channel=20350 RB Size=1 Position=#0



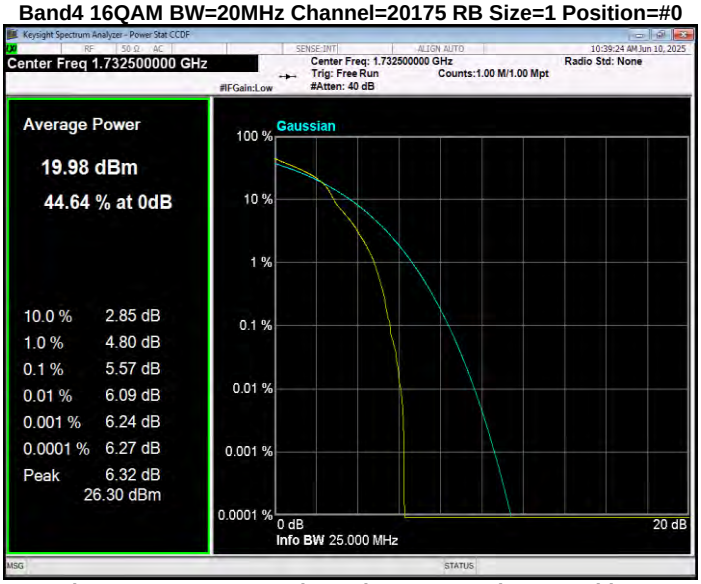
Band4 16QAM BW=20MHz Channel=20050 RB Size=1 Position=#0



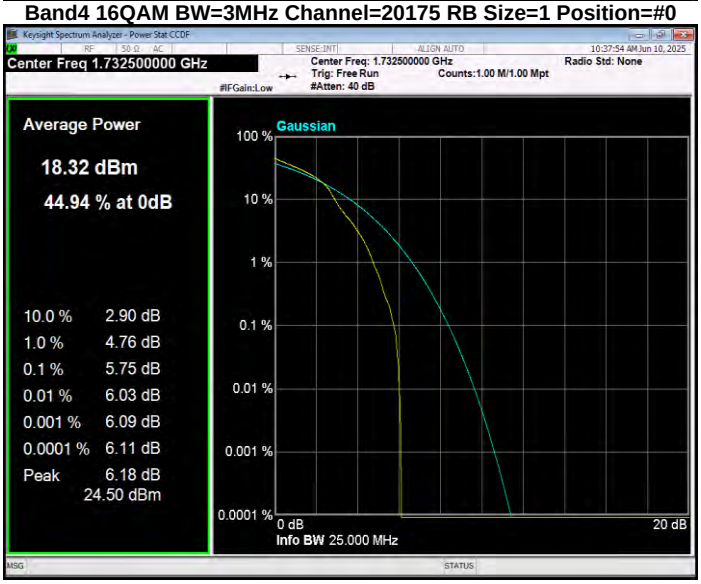
Band4 16QAM BW=15MHz Channel=20325 RB Size=1 Position=#0



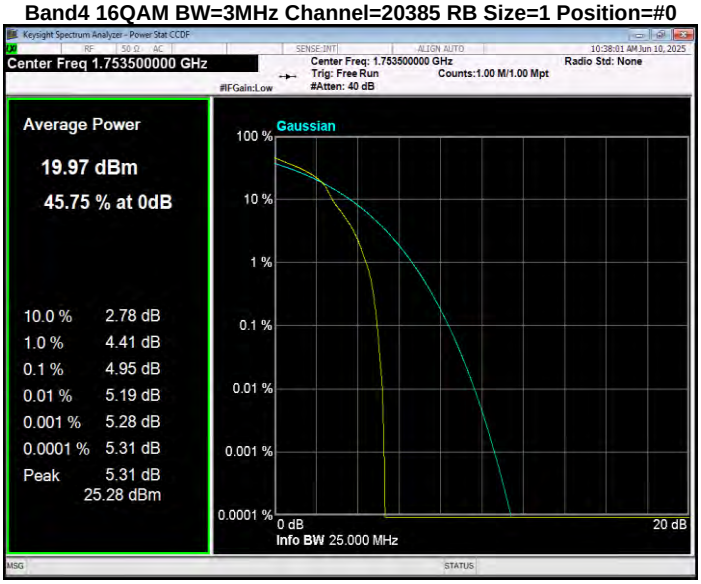
Band4 16QAM BW=20MHz Channel=20175 RB Size=1 Position=#0



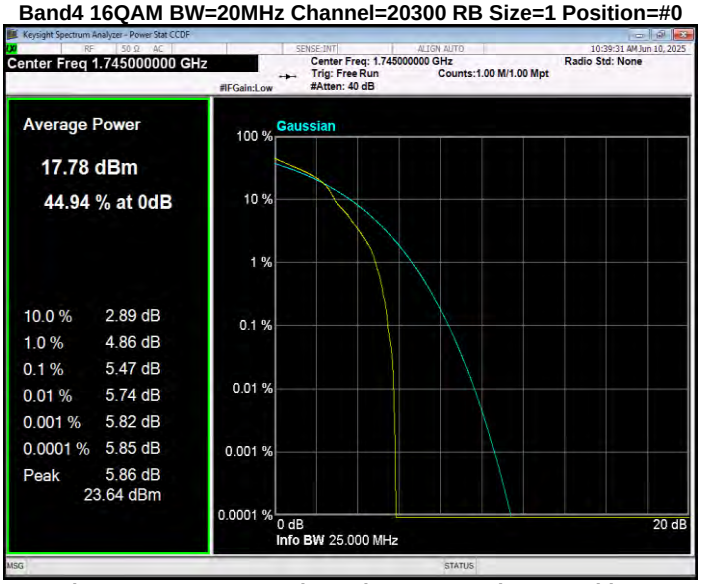
Band4 16QAM BW=3MHz Channel=20175 RB Size=1 Position=#0



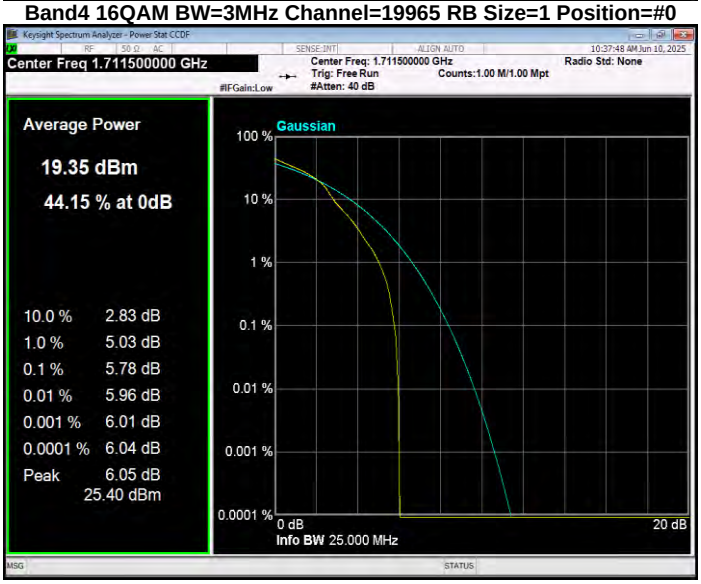
Band4 16QAM BW=3MHz Channel=20385 RB Size=1 Position=#0



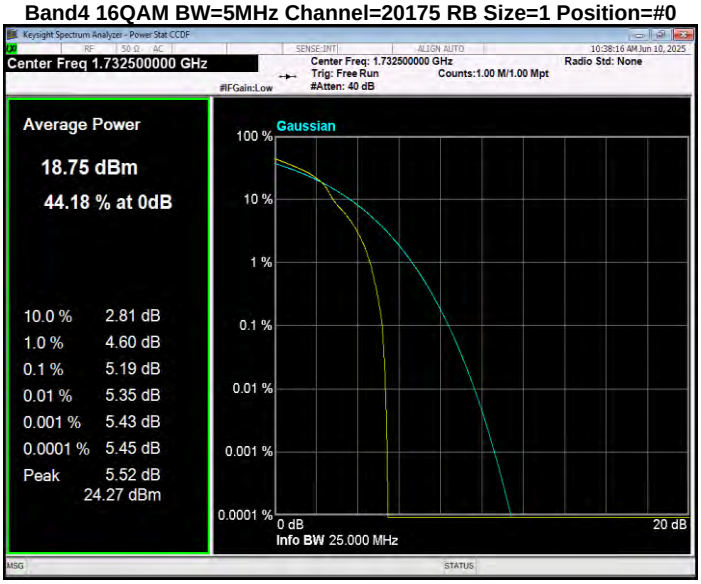
Band4 16QAM BW=20MHz Channel=20300 RB Size=1 Position=#0



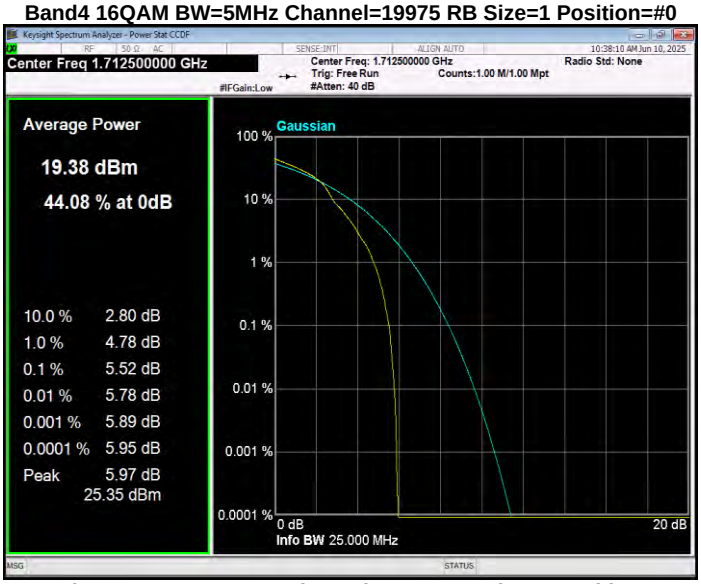
Band4 16QAM BW=3MHz Channel=19965 RB Size=1 Position=#0



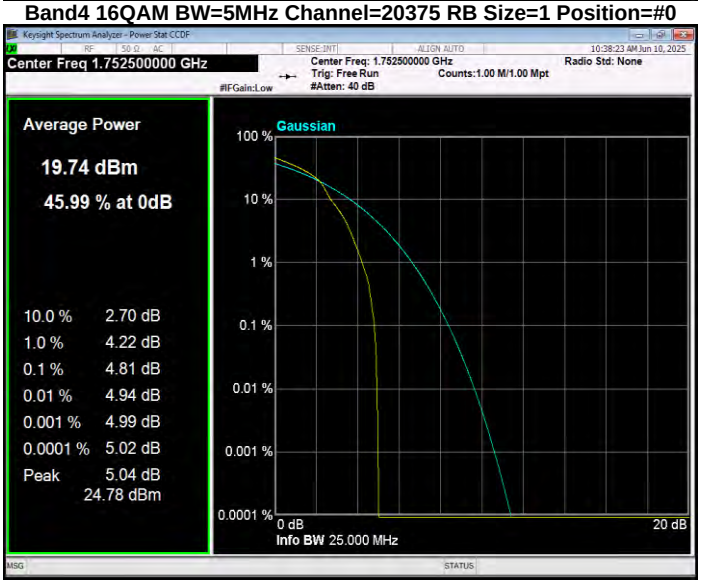
Band4 16QAM BW=5MHz Channel=20175 RB Size=1 Position=#0



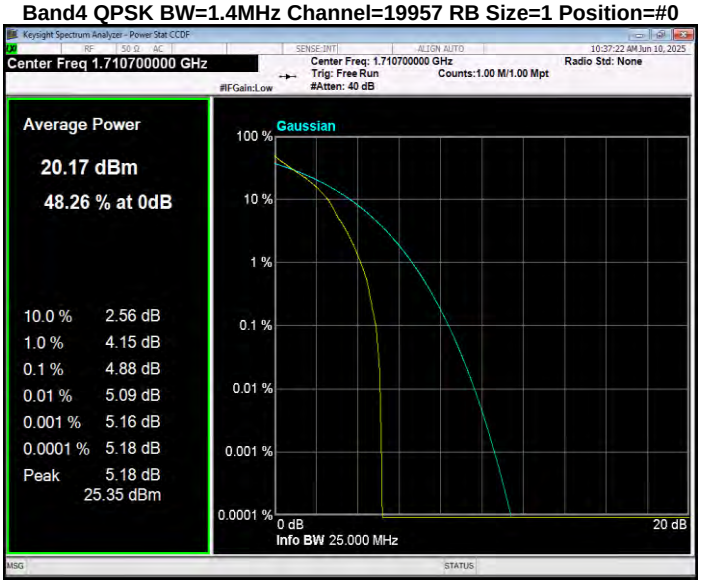
Band4 16QAM BW=5MHz Channel=19975 RB Size=1 Position=#0



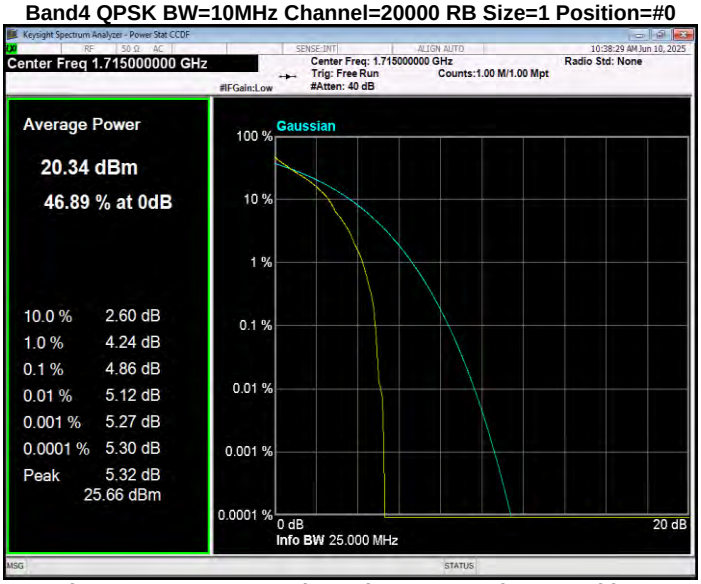
Band4 16QAM BW=5MHz Channel=20375 RB Size=1 Position=#0



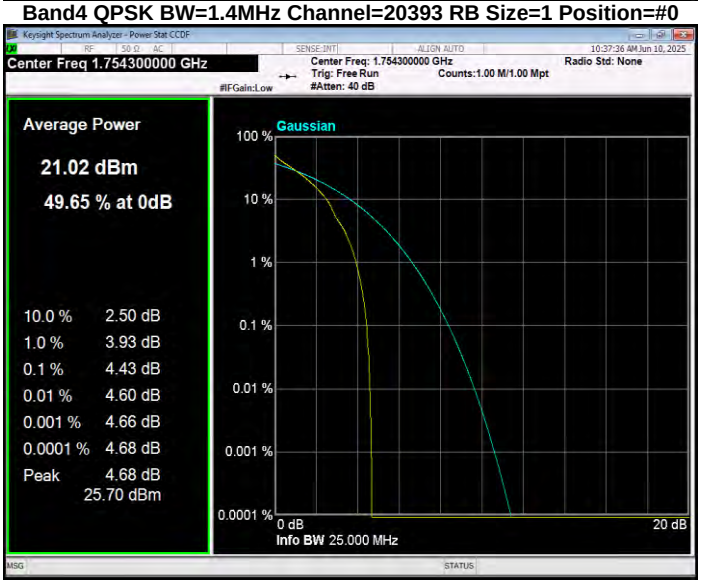
Band4 QPSK BW=1.4MHz Channel=19957 RB Size=1 Position=#0



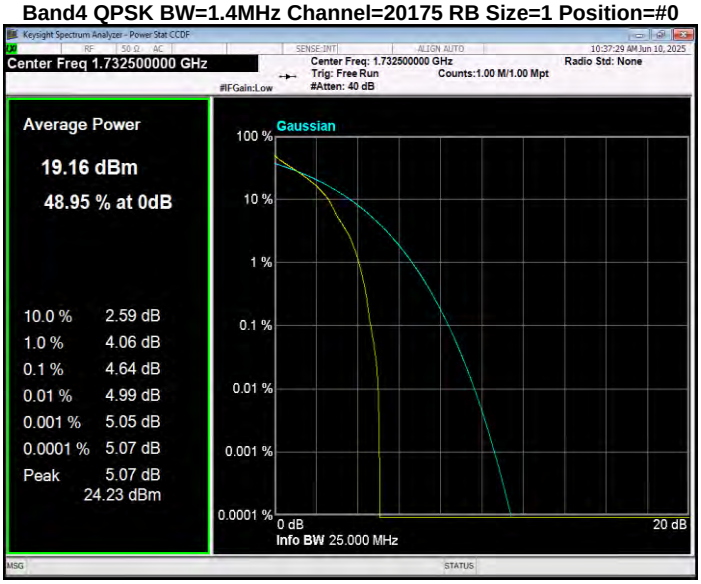
Band4 QPSK BW=10MHz Channel=20000 RB Size=1 Position=#0



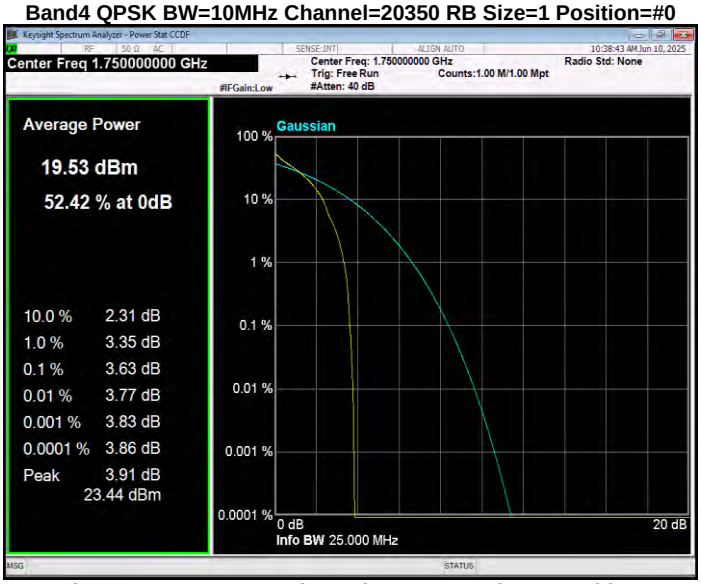
Band4 QPSK BW=1.4MHz Channel=20393 RB Size=1 Position=#0



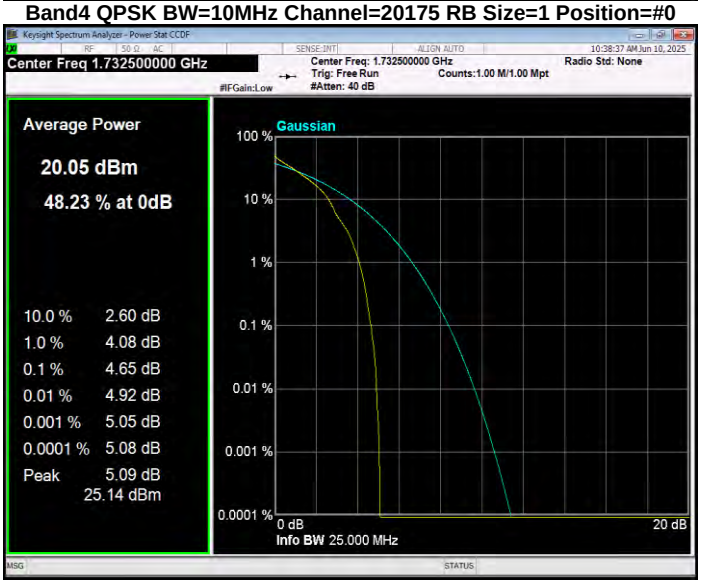
Band4 QPSK BW=1.4MHz Channel=20175 RB Size=1 Position=#0



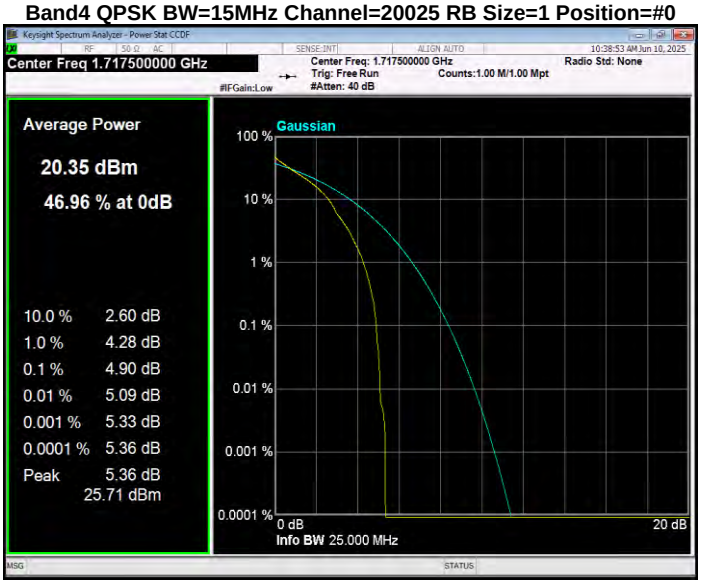
Band4 QPSK BW=10MHz Channel=20350 RB Size=1 Position=#0



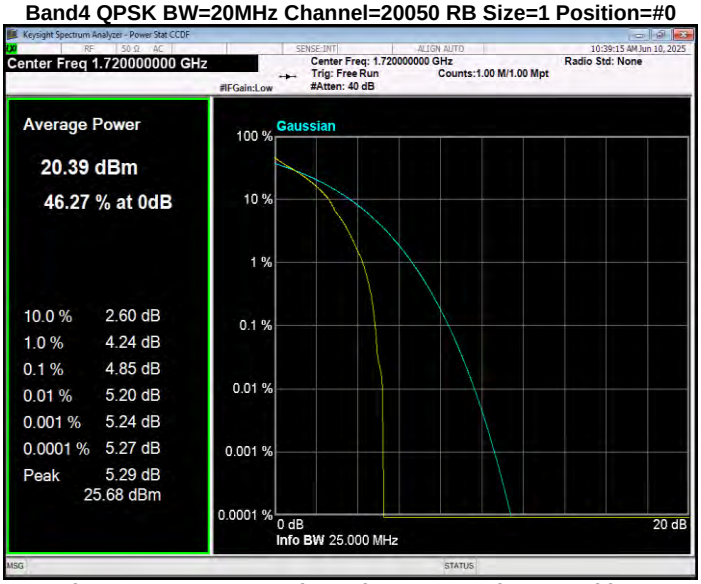
Band4 QPSK BW=10MHz Channel=20175 RB Size=1 Position=#0



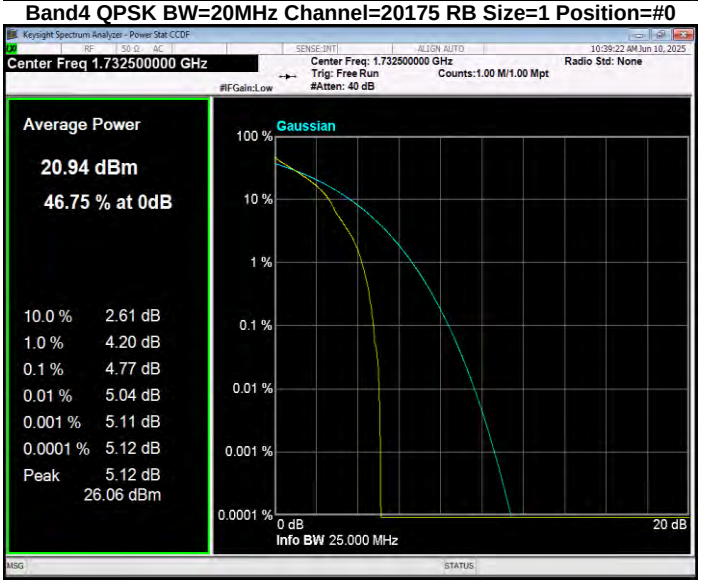
Band4 QPSK BW=15MHz Channel=20025 RB Size=1 Position=#0



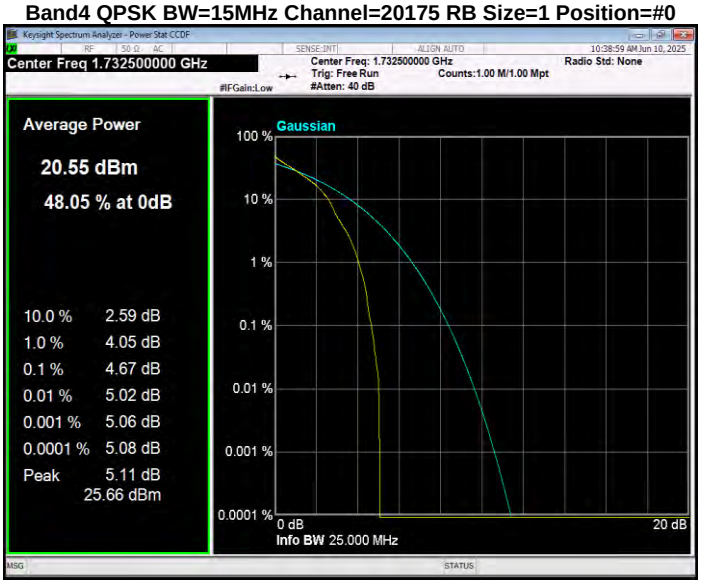
Band4 QPSK BW=20MHz Channel=20050 RB Size=1 Position=#0



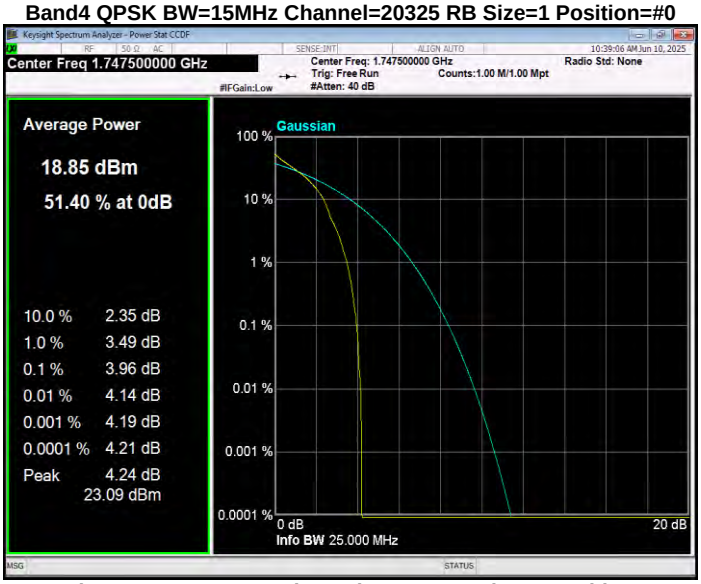
Band4 QPSK BW=20MHz Channel=20175 RB Size=1 Position=#0



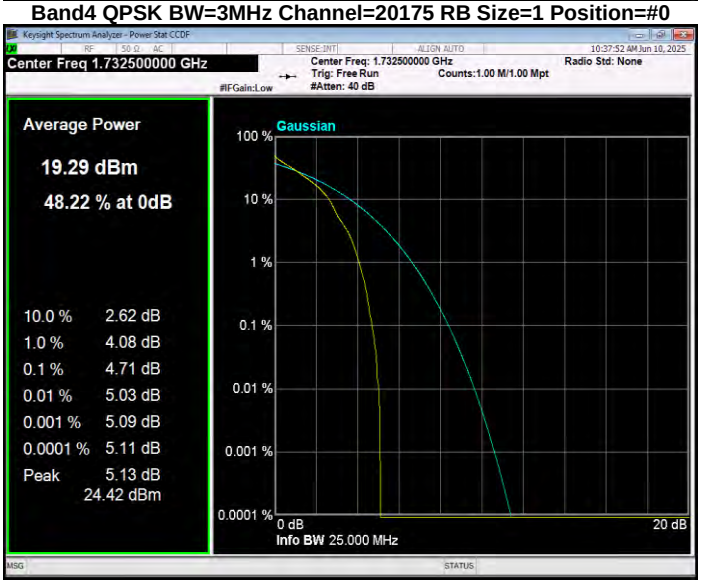
Band4 QPSK BW=15MHz Channel=20175 RB Size=1 Position=#0



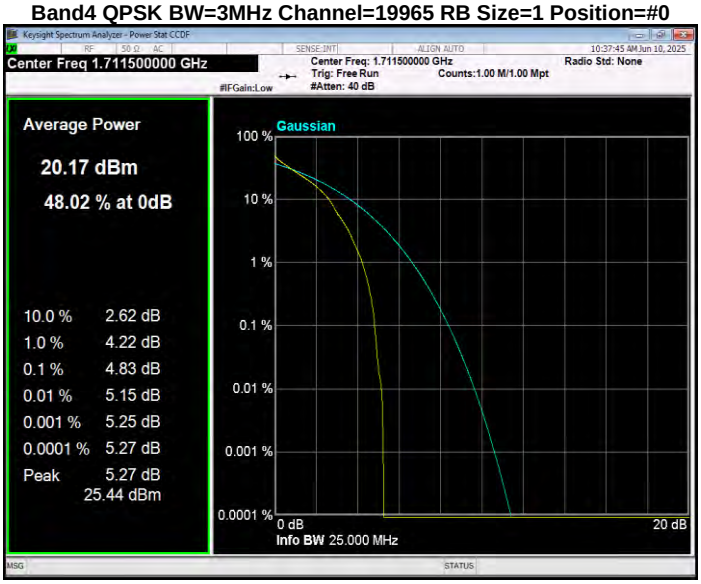
Band4 QPSK BW=15MHz Channel=20325 RB Size=1 Position=#0



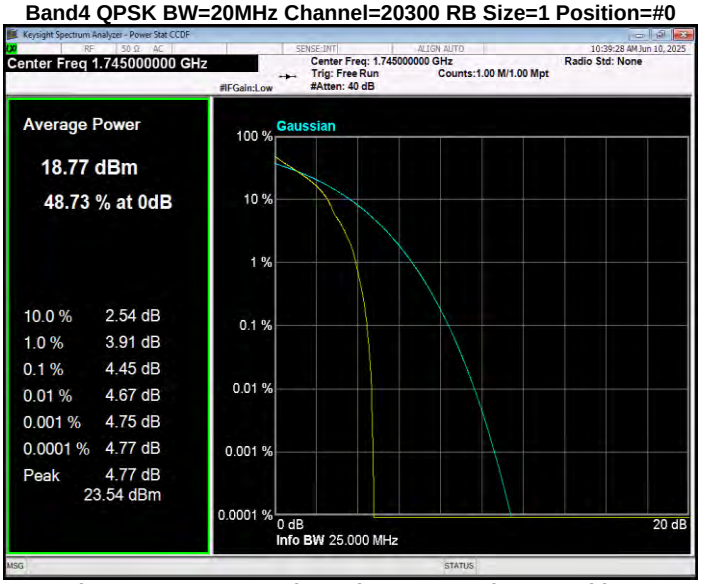
Band4 QPSK BW=3MHz Channel=20175 RB Size=1 Position=#0



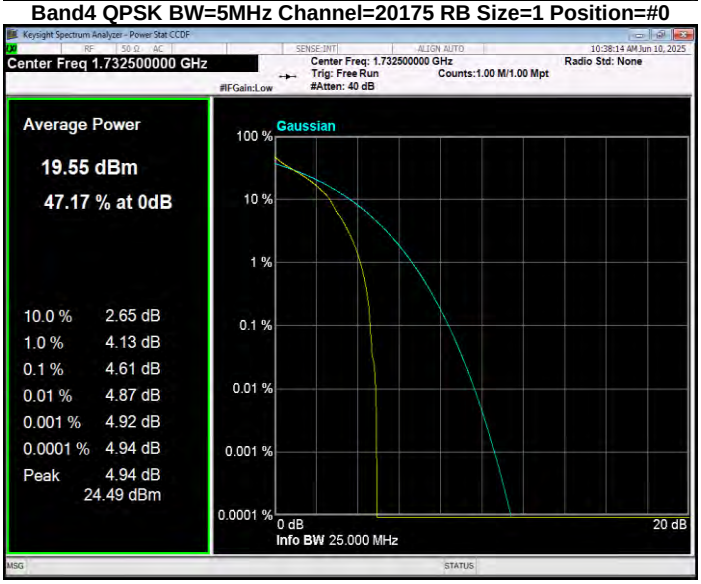
Band4 QPSK BW=3MHz Channel=19965 RB Size=1 Position=#0



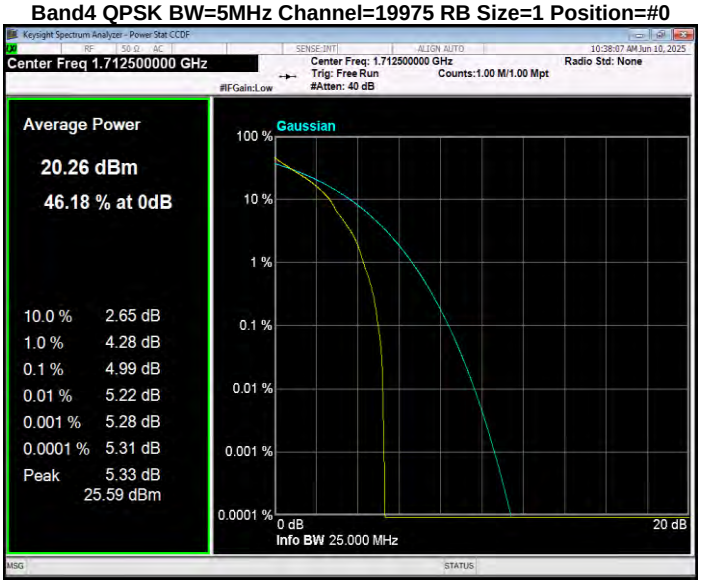
Band4 QPSK BW=20MHz Channel=20300 RB Size=1 Position=#0



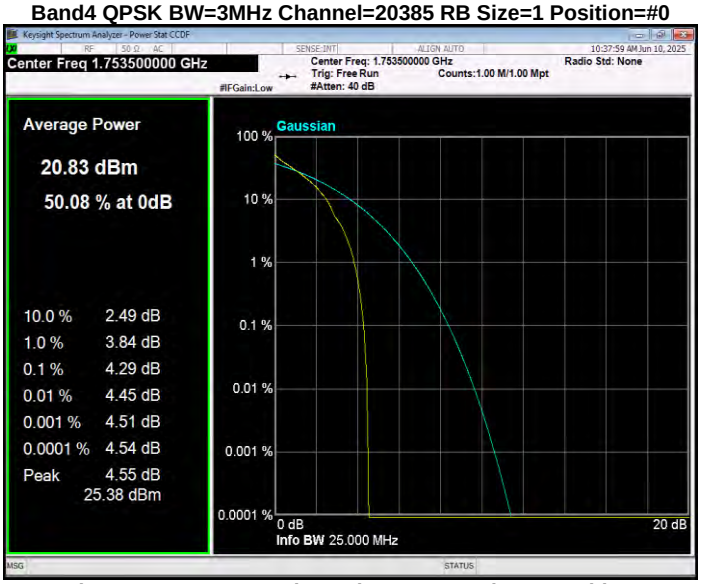
Band4 QPSK BW=5MHz Channel=20175 RB Size=1 Position=#0



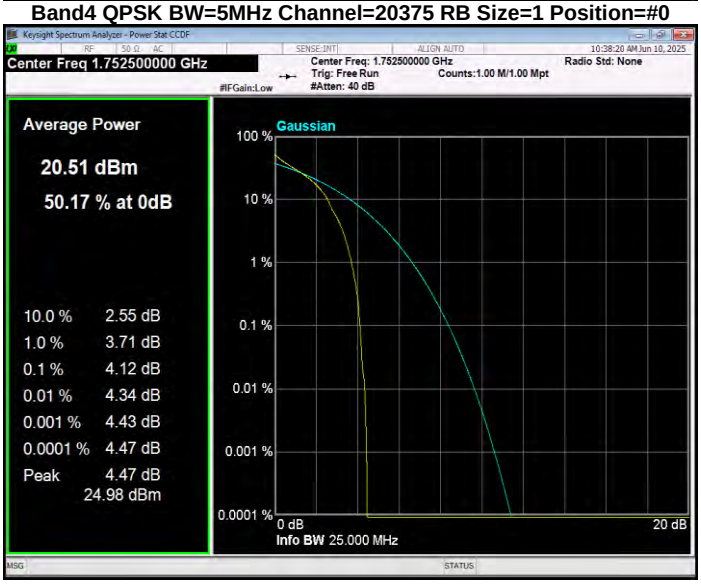
Band4 QPSK BW=5MHz Channel=19975 RB Size=1 Position=#0



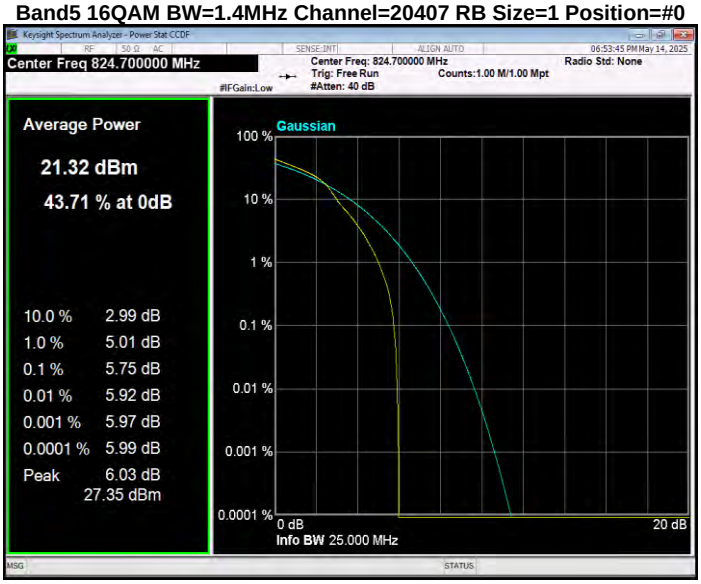
Band4 QPSK BW=3MHz Channel=20385 RB Size=1 Position=#0



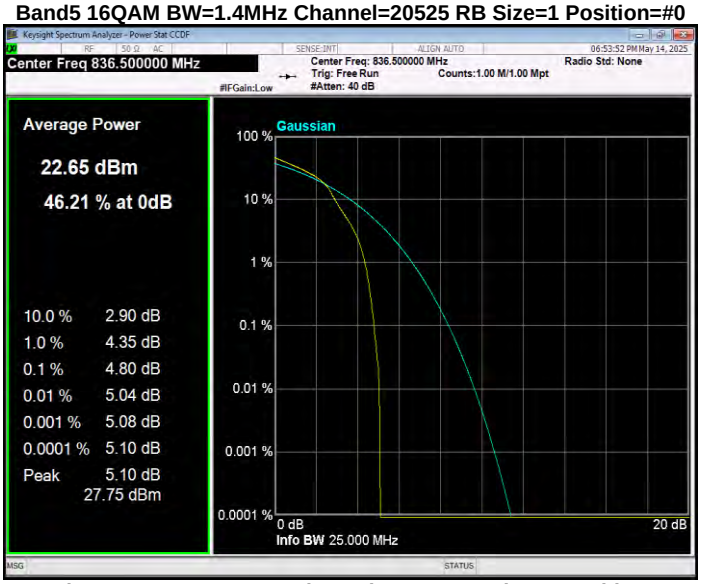
Band4 QPSK BW=5MHz Channel=20375 RB Size=1 Position=#0



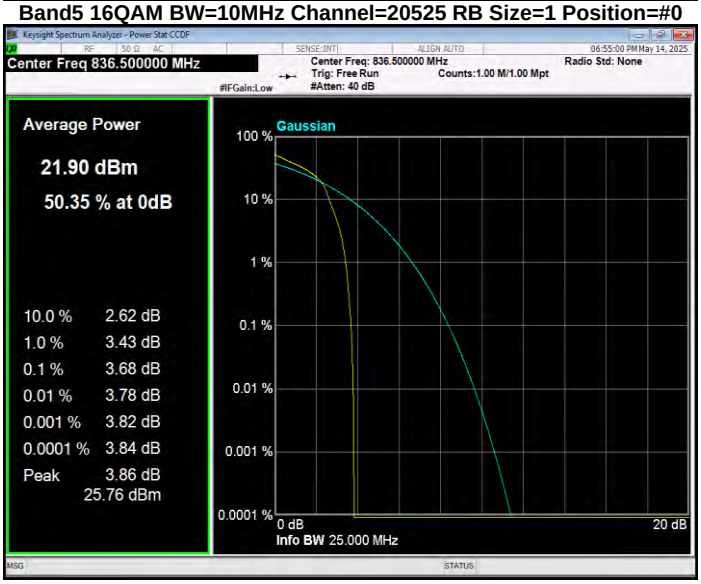
Band5 16QAM BW=1.4MHz Channel=20407 RB Size=1 Position=#0



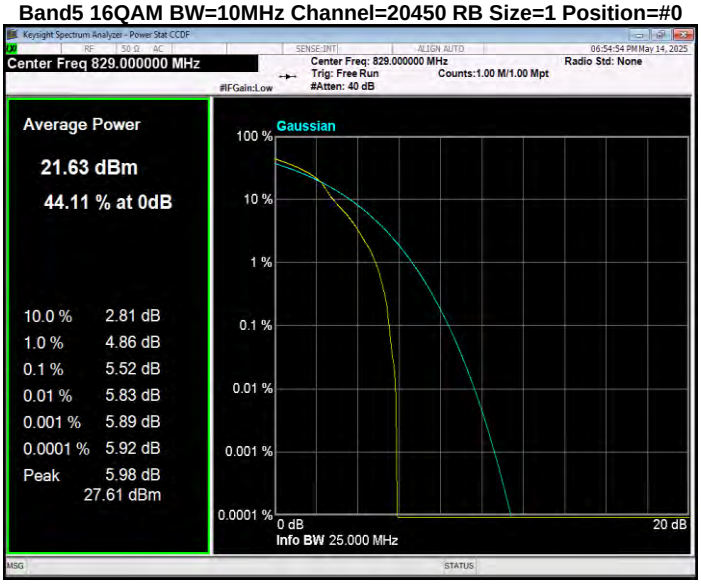
Band5 16QAM BW=1.4MHz Channel=20525 RB Size=1 Position=#0



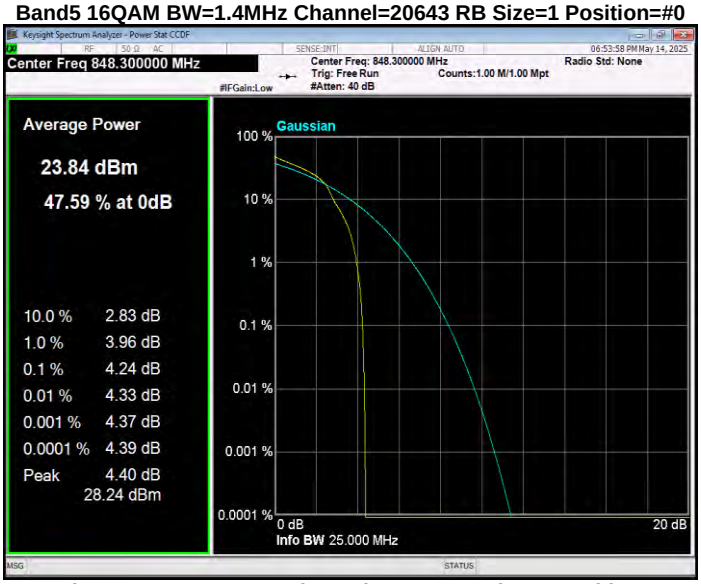
Band5 16QAM BW=10MHz Channel=20525 RB Size=1 Position=#0



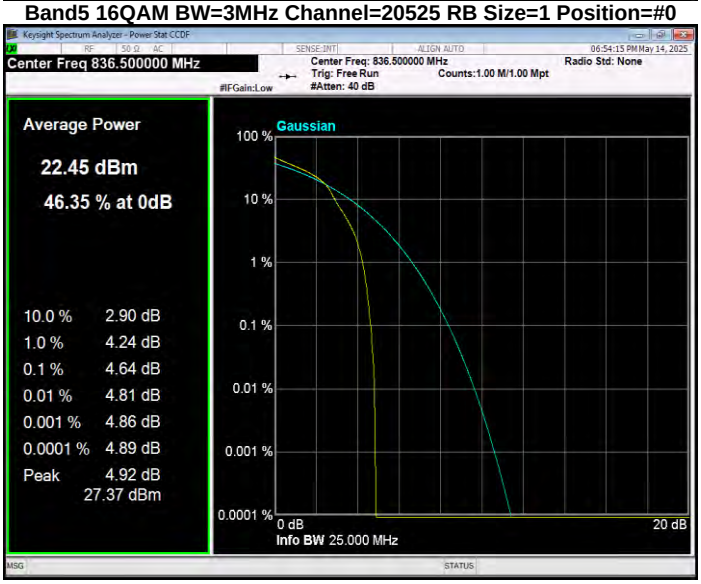
Band5 16QAM BW=10MHz Channel=20450 RB Size=1 Position=#0



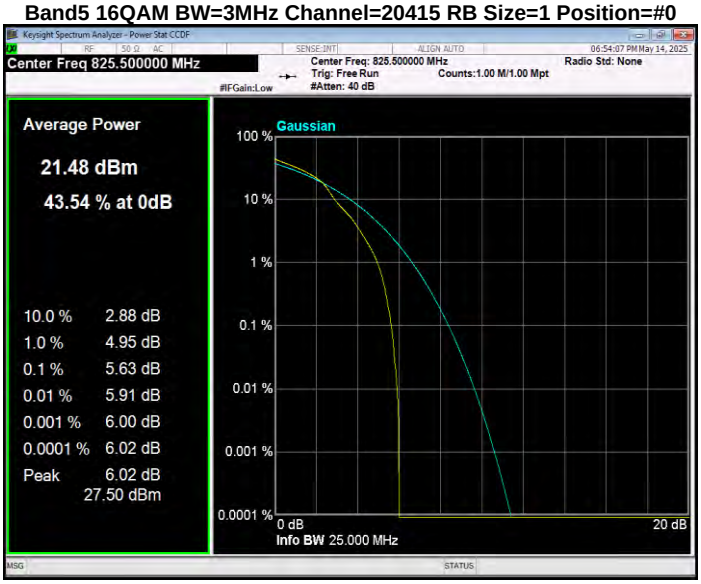
Band5 16QAM BW=1.4MHz Channel=20643 RB Size=1 Position=#0



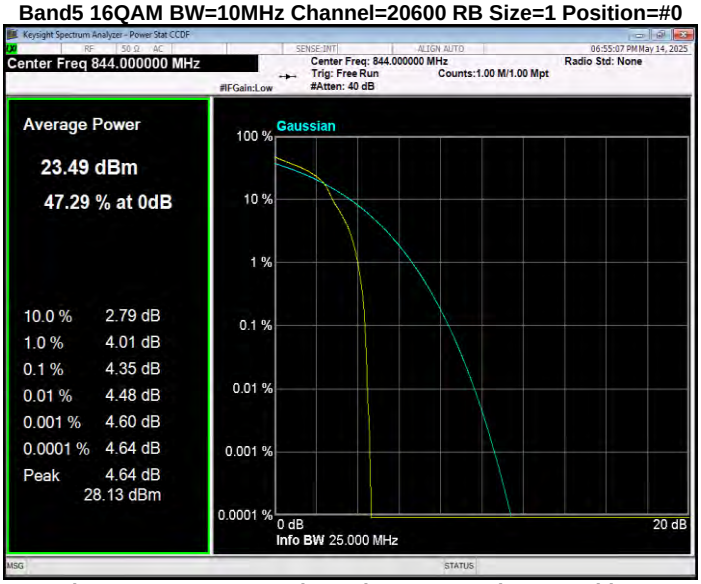
Band5 16QAM BW=3MHz Channel=20525 RB Size=1 Position=#0



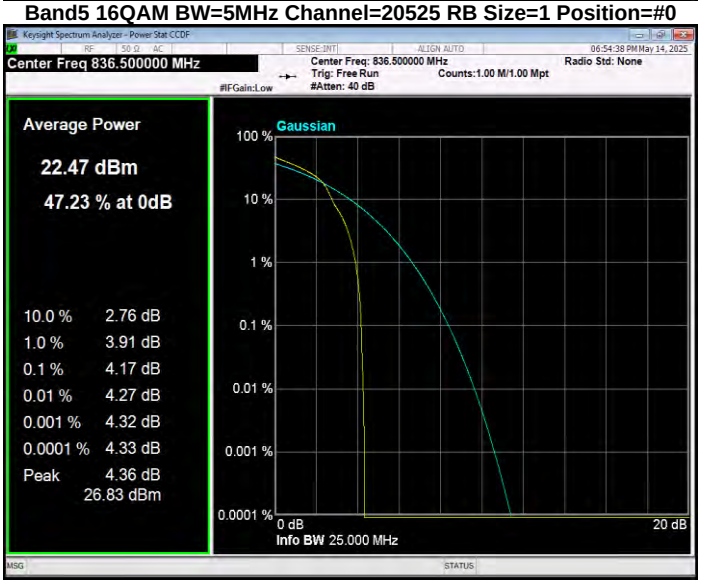
Band5 16QAM BW=3MHz Channel=20415 RB Size=1 Position=#0



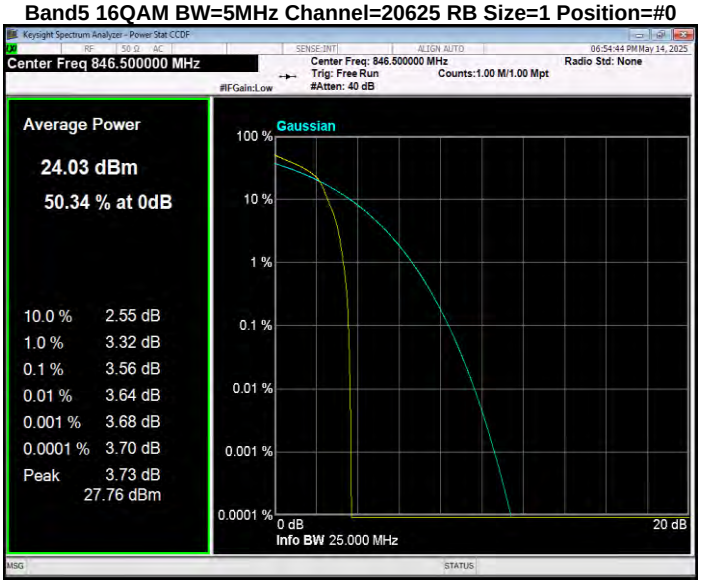
Band5 16QAM BW=10MHz Channel=20600 RB Size=1 Position=#0



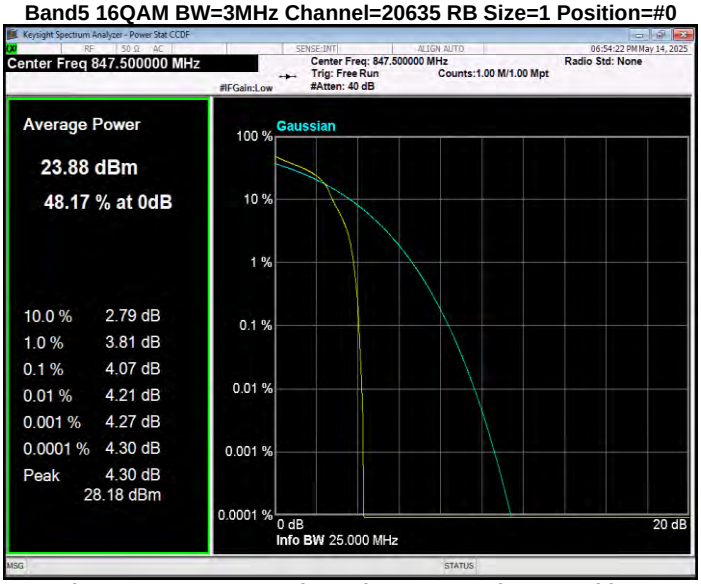
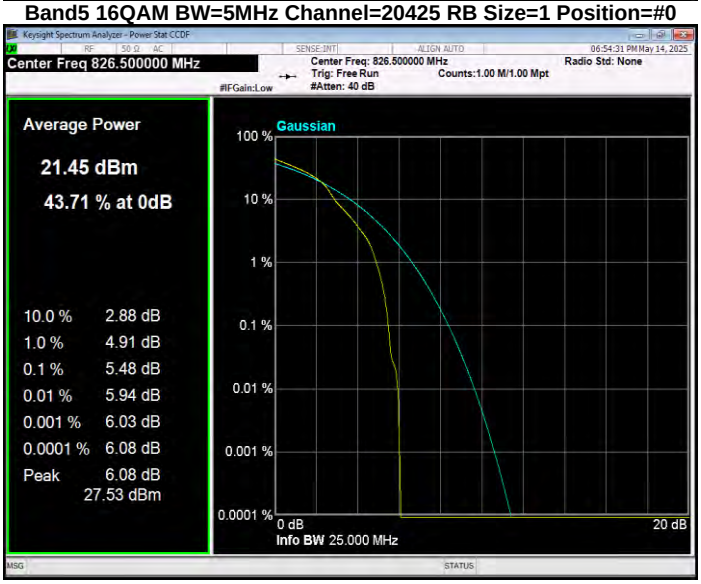
Band5 16QAM BW=5MHz Channel=20525 RB Size=1 Position=#0



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



Band5 16QAM BW=3MHz Channel=20635 RB Size=1 Position=#0



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