



Report

Band38	20	37850	50	#0	QPSK	20.45	-2.18	18.27	33.01	PASS
Band38	20	37850	50	#Mid	QPSK	20.54	-2.18	18.36	33.01	PASS
Band38	20	37850	50	#Max	QPSK	20.52	-2.18	18.34	33.01	PASS
Band38	20	37850	100	#0	QPSK	20.48	-2.18	18.30	33.01	PASS
Band38	20	37850	1	#0	16QAM	20.47	-2.18	18.29	33.01	PASS
Band38	20	37850	1	#Mid	16QAM	20.66	-2.18	18.48	33.01	PASS
Band38	20	37850	1	#Max	16QAM	20.60	-2.18	18.42	33.01	PASS
Band38	20	37850	50	#0	16QAM	19.52	-2.18	17.34	33.01	PASS
Band38	20	37850	50	#Mid	16QAM	19.64	-2.18	17.46	33.01	PASS
Band38	20	37850	50	#Max	16QAM	19.64	-2.18	17.46	33.01	PASS
Band38	20	37850	100	#0	16QAM	19.47	-2.18	17.29	33.01	PASS
Band38	20	38000	1	#0	QPSK	21.77	-2.18	19.59	33.01	PASS
Band38	20	38000	1	#Mid	QPSK	21.75	-2.18	19.57	33.01	PASS
Band38	20	38000	1	#Max	QPSK	21.49	-2.18	19.31	33.01	PASS
Band38	20	38000	50	#0	QPSK	20.66	-2.18	18.48	33.01	PASS
Band38	20	38000	50	#Mid	QPSK	20.65	-2.18	18.47	33.01	PASS
Band38	20	38000	50	#Max	QPSK	20.55	-2.18	18.37	33.01	PASS
Band38	20	38000	100	#0	QPSK	20.63	-2.18	18.45	33.01	PASS
Band38	20	38000	1	#0	16QAM	20.92	-2.18	18.74	33.01	PASS
Band38	20	38000	1	#Mid	16QAM	20.87	-2.18	18.69	33.01	PASS
Band38	20	38000	1	#Max	16QAM	20.66	-2.18	18.48	33.01	PASS
Band38	20	38000	50	#0	16QAM	19.66	-2.18	17.48	33.01	PASS
Band38	20	38000	50	#Mid	16QAM	19.65	-2.18	17.47	33.01	PASS
Band38	20	38000	50	#Max	16QAM	19.56	-2.18	17.38	33.01	PASS
Band38	20	38000	100	#0	16QAM	19.65	-2.18	17.47	33.01	PASS
Band38	20	38150	1	#0	QPSK	21.52	-2.18	19.34	33.01	PASS
Band38	20	38150	1	#Mid	QPSK	21.66	-2.18	19.48	33.01	PASS
Band38	20	38150	1	#Max	QPSK	21.68	-2.18	19.50	33.01	PASS
Band38	20	38150	50	#0	QPSK	20.54	-2.18	18.36	33.01	PASS
Band38	20	38150	50	#Mid	QPSK	20.64	-2.18	18.46	33.01	PASS
Band38	20	38150	50	#Max	QPSK	20.62	-2.18	18.44	33.01	PASS
Band38	20	38150	100	#0	QPSK	20.64	-2.18	18.46	33.01	PASS
Band38	20	38150	1	#0	16QAM	20.97	-2.18	18.79	33.01	PASS
Band38	20	38150	1	#Mid	16QAM	21.10	-2.18	18.92	33.01	PASS
Band38	20	38150	1	#Max	16QAM	21.10	-2.18	18.92	33.01	PASS
Band38	20	38150	50	#0	16QAM	19.63	-2.18	17.45	33.01	PASS
Band38	20	38150	50	#Mid	16QAM	19.69	-2.18	17.51	33.01	PASS
Band38	20	38150	50	#Max	16QAM	19.71	-2.18	17.53	33.01	PASS
Band38	20	38150	100	#0	16QAM	19.63	-2.18	17.45	33.01	PASS



Report

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP Limit (dBm)	Verdict
Band40(2305-2315)	5	38725	1	#0	QPSK	20.39	-2.23	18.16	23.98	PASS
Band40(2305-2315)	5	38725	1	#Mid	QPSK	20.28	-2.23	18.05	23.98	PASS
Band40(2305-2315)	5	38725	1	#Max	QPSK	20.16	-2.23	17.93	23.98	PASS
Band40(2305-2315)	5	38725	12	#0	QPSK	19.31	-2.23	17.08	23.98	PASS
Band40(2305-2315)	5	38725	12	#Mid	QPSK	19.26	-2.23	17.03	23.98	PASS
Band40(2305-2315)	5	38725	12	#Max	QPSK	19.14	-2.23	16.91	23.98	PASS
Band40(2305-2315)	5	38725	25	#0	QPSK	19.27	-2.23	17.04	23.98	PASS
Band40(2305-2315)	5	38725	1	#0	16QAM	19.87	-2.23	17.64	23.98	PASS
Band40(2305-2315)	5	38725	1	#Mid	16QAM	19.79	-2.23	17.56	23.98	PASS
Band40(2305-2315)	5	38725	1	#Max	16QAM	19.65	-2.23	17.42	23.98	PASS
Band40(2305-2315)	5	38725	12	#0	16QAM	18.37	-2.23	16.14	23.98	PASS
Band40(2305-2315)	5	38725	12	#Mid	16QAM	18.34	-2.23	16.11	23.98	PASS
Band40(2305-2315)	5	38725	12	#Max	16QAM	18.21	-2.23	15.98	23.98	PASS
Band40(2305-2315)	5	38725	25	#0	16QAM	18.30	-2.23	16.07	23.98	PASS
Band40(2305-2315)	5	38750	1	#0	QPSK	20.22	-2.23	17.99	23.98	PASS
Band40(2305-2315)	5	38750	1	#Mid	QPSK	20.26	-2.23	18.03	23.98	PASS
Band40(2305-2315)	5	38750	1	#Max	QPSK	20.11	-2.23	17.88	23.98	PASS
Band40(2305-2315)	5	38750	12	#0	QPSK	19.21	-2.23	16.98	23.98	PASS
Band40(2305-2315)	5	38750	12	#Mid	QPSK	19.24	-2.23	17.01	23.98	PASS
Band40(2305-2315)	5	38750	12	#Max	QPSK	19.13	-2.23	16.90	23.98	PASS
Band40(2305-2315)	5	38750	25	#0	QPSK	19.18	-2.23	16.95	23.98	PASS
Band40(2305-2315)	5	38750	1	#0	16QAM	19.56	-2.23	17.33	23.98	PASS
Band40(2305-2315)	5	38750	1	#Mid	16QAM	19.62	-2.23	17.39	23.98	PASS
Band40(2305-2315)	5	38750	1	#Max	16QAM	19.47	-2.23	17.24	23.98	PASS
Band40(2305-2315)	5	38750	12	#0	16QAM	18.26	-2.23	16.03	23.98	PASS
Band40(2305-2315)	5	38750	12	#Mid	16QAM	18.29	-2.23	16.06	23.98	PASS
Band40(2305-2315)	5	38750	12	#Max	16QAM	18.20	-2.23	15.97	23.98	PASS
Band40(2305-2315)	5	38750	25	#0	16QAM	18.22	-2.23	15.99	23.98	PASS
Band40(2305-2315)	5	38775	1	#0	QPSK	20.17	-2.23	17.94	23.98	PASS
Band40(2305-2315)	5	38775	1	#Mid	QPSK	20.26	-2.23	18.03	23.98	PASS
Band40(2305-2315)	5	38775	1	#Max	QPSK	20.14	-2.23	17.91	23.98	PASS
Band40(2305-2315)	5	38775	12	#0	QPSK	19.15	-2.23	16.92	23.98	PASS
Band40(2305-2315)	5	38775	12	#Mid	QPSK	19.17	-2.23	16.94	23.98	PASS
Band40(2305-2315)	5	38775	12	#Max	QPSK	19.13	-2.23	16.90	23.98	PASS
Band40(2305-2315)	5	38775	25	#0	QPSK	19.10	-2.23	16.87	23.98	PASS
Band40(2305-2315)	5	38775	1	#0	16QAM	19.78	-2.23	17.55	23.98	PASS
Band40(2305-2315)	5	38775	1	#Mid	16QAM	19.89	-2.23	17.66	23.98	PASS
Band40(2305-2315)	5	38775	1	#Max	16QAM	19.75	-2.23	17.52	23.98	PASS
Band40(2305-2315)	5	38775	12	#0	16QAM	18.22	-2.23	15.99	23.98	PASS
Band40(2305-2315)	5	38775	12	#Mid	16QAM	18.22	-2.23	15.99	23.98	PASS
Band40(2305-2315)	5	38775	12	#Max	16QAM	18.17	-2.23	15.94	23.98	PASS
Band40(2305-2315)	5	38775	25	#0	16QAM	18.15	-2.23	15.92	23.98	PASS



Report

Band40(2305-2315)	10	38750	1	#0	QPSK	20.36	-2.23	18.13	23.98	PASS
Band40(2305-2315)	10	38750	1	#Mid	QPSK	20.39	-2.23	18.16	23.98	PASS
Band40(2305-2315)	10	38750	1	#Max	QPSK	20.22	-2.23	17.99	23.98	PASS
Band40(2305-2315)	10	38750	25	#0	QPSK	19.30	-2.23	17.07	23.98	PASS
Band40(2305-2315)	10	38750	25	#Mid	QPSK	19.30	-2.23	17.07	23.98	PASS
Band40(2305-2315)	10	38750	25	#Max	QPSK	19.20	-2.23	16.97	23.98	PASS
Band40(2305-2315)	10	38750	50	#0	QPSK	19.28	-2.23	17.05	23.98	PASS
Band40(2305-2315)	10	38750	1	#0	16QAM	19.68	-2.23	17.45	23.98	PASS
Band40(2305-2315)	10	38750	1	#Mid	16QAM	19.72	-2.23	17.49	23.98	PASS
Band40(2305-2315)	10	38750	1	#Max	16QAM	19.52	-2.23	17.29	23.98	PASS
Band40(2305-2315)	10	38750	25	#0	16QAM	18.31	-2.23	16.08	23.98	PASS
Band40(2305-2315)	10	38750	25	#Mid	16QAM	18.29	-2.23	16.06	23.98	PASS
Band40(2305-2315)	10	38750	25	#Max	16QAM	18.17	-2.23	15.94	23.98	PASS
Band40(2305-2315)	10	38750	50	#0	16QAM	18.33	-2.23	16.10	23.98	PASS



Report

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP Limit (dBm)	Verdict
Band40(2350-2360)	5	39175	1	#0	QPSK	21.07	-2.23	18.84	23.98	PASS
Band40(2350-2360)	5	39175	1	#Mid	QPSK	21.17	-2.23	18.94	23.98	PASS
Band40(2350-2360)	5	39175	1	#Max	QPSK	21.06	-2.23	18.83	23.98	PASS
Band40(2350-2360)	5	39175	12	#0	QPSK	20.11	-2.23	17.88	23.98	PASS
Band40(2350-2360)	5	39175	12	#Mid	QPSK	20.15	-2.23	17.92	23.98	PASS
Band40(2350-2360)	5	39175	12	#Max	QPSK	20.10	-2.23	17.87	23.98	PASS
Band40(2350-2360)	5	39175	25	#0	QPSK	20.12	-2.23	17.89	23.98	PASS
Band40(2350-2360)	5	39175	1	#0	16QAM	20.43	-2.23	18.20	23.98	PASS
Band40(2350-2360)	5	39175	1	#Mid	16QAM	20.51	-2.23	18.28	23.98	PASS
Band40(2350-2360)	5	39175	1	#Max	16QAM	20.41	-2.23	18.18	23.98	PASS
Band40(2350-2360)	5	39175	12	#0	16QAM	19.13	-2.23	16.90	23.98	PASS
Band40(2350-2360)	5	39175	12	#Mid	16QAM	19.17	-2.23	16.94	23.98	PASS
Band40(2350-2360)	5	39175	12	#Max	16QAM	19.13	-2.23	16.90	23.98	PASS
Band40(2350-2360)	5	39175	25	#0	16QAM	19.08	-2.23	16.85	23.98	PASS
Band40(2350-2360)	5	39200	1	#0	QPSK	21.07	-2.23	18.84	23.98	PASS
Band40(2350-2360)	5	39200	1	#Mid	QPSK	21.18	-2.23	18.95	23.98	PASS
Band40(2350-2360)	5	39200	1	#Max	QPSK	21.05	-2.23	18.82	23.98	PASS
Band40(2350-2360)	5	39200	12	#0	QPSK	20.08	-2.23	17.85	23.98	PASS
Band40(2350-2360)	5	39200	12	#Mid	QPSK	20.12	-2.23	17.89	23.98	PASS
Band40(2350-2360)	5	39200	12	#Max	QPSK	20.05	-2.23	17.82	23.98	PASS
Band40(2350-2360)	5	39200	25	#0	QPSK	20.04	-2.23	17.81	23.98	PASS
Band40(2350-2360)	5	39200	1	#0	16QAM	20.66	-2.23	18.43	23.98	PASS
Band40(2350-2360)	5	39200	1	#Mid	16QAM	20.78	-2.23	18.55	23.98	PASS
Band40(2350-2360)	5	39200	1	#Max	16QAM	20.68	-2.23	18.45	23.98	PASS
Band40(2350-2360)	5	39200	12	#0	16QAM	19.07	-2.23	16.84	23.98	PASS
Band40(2350-2360)	5	39200	12	#Mid	16QAM	19.10	-2.23	16.87	23.98	PASS
Band40(2350-2360)	5	39200	12	#Max	16QAM	19.06	-2.23	16.83	23.98	PASS
Band40(2350-2360)	5	39200	25	#0	16QAM	19.01	-2.23	16.78	23.98	PASS
Band40(2350-2360)	5	39225	1	#0	QPSK	21.07	-2.23	18.84	23.98	PASS
Band40(2350-2360)	5	39225	1	#Mid	QPSK	21.14	-2.23	18.91	23.98	PASS
Band40(2350-2360)	5	39225	1	#Max	QPSK	21.06	-2.23	18.83	23.98	PASS
Band40(2350-2360)	5	39225	12	#0	QPSK	20.04	-2.23	17.81	23.98	PASS
Band40(2350-2360)	5	39225	12	#Mid	QPSK	20.08	-2.23	17.85	23.98	PASS
Band40(2350-2360)	5	39225	12	#Max	QPSK	20.00	-2.23	17.77	23.98	PASS
Band40(2350-2360)	5	39225	25	#0	QPSK	20.01	-2.23	17.78	23.98	PASS
Band40(2350-2360)	5	39225	1	#0	16QAM	20.34	-2.23	18.11	23.98	PASS
Band40(2350-2360)	5	39225	1	#Mid	16QAM	20.41	-2.23	18.18	23.98	PASS
Band40(2350-2360)	5	39225	1	#Max	16QAM	20.28	-2.23	18.05	23.98	PASS
Band40(2350-2360)	5	39225	12	#0	16QAM	18.99	-2.23	16.76	23.98	PASS
Band40(2350-2360)	5	39225	12	#Mid	16QAM	19.05	-2.23	16.82	23.98	PASS
Band40(2350-2360)	5	39225	12	#Max	16QAM	18.96	-2.23	16.73	23.98	PASS
Band40(2350-2360)	5	39225	25	#0	16QAM	19.02	-2.23	16.79	23.98	PASS



Report

Band40(2350-2360)	10	39200	1	#0	QPSK	21.19	-2.23	18.96	23.98	PASS
Band40(2350-2360)	10	39200	1	#Mid	QPSK	21.21	-2.23	18.98	23.98	PASS
Band40(2350-2360)	10	39200	1	#Max	QPSK	21.12	-2.23	18.89	23.98	PASS
Band40(2350-2360)	10	39200	25	#0	QPSK	20.13	-2.23	17.90	23.98	PASS
Band40(2350-2360)	10	39200	25	#Mid	QPSK	20.15	-2.23	17.92	23.98	PASS
Band40(2350-2360)	10	39200	25	#Max	QPSK	20.05	-2.23	17.82	23.98	PASS
Band40(2350-2360)	10	39200	50	#0	QPSK	20.11	-2.23	17.88	23.98	PASS
Band40(2350-2360)	10	39200	1	#0	16QAM	20.11	-2.23	17.88	23.98	PASS
Band40(2350-2360)	10	39200	1	#Mid	16QAM	20.15	-2.23	17.92	23.98	PASS
Band40(2350-2360)	10	39200	1	#Max	16QAM	20.04	-2.23	17.81	23.98	PASS
Band40(2350-2360)	10	39200	25	#0	16QAM	19.16	-2.23	16.93	23.98	PASS
Band40(2350-2360)	10	39200	25	#Mid	16QAM	19.15	-2.23	16.92	23.98	PASS
Band40(2350-2360)	10	39200	25	#Max	16QAM	19.07	-2.23	16.84	23.98	PASS
Band40(2350-2360)	10	39200	50	#0	16QAM	19.08	-2.23	16.85	23.98	PASS



Report

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP Limit (dBm)	Verdict
Band66	1.4	131979	1	#0	QPSK	21.94	-2.47	19.47	30	PASS
Band66	1.4	131979	1	#Mid	QPSK	22.03	-2.47	19.56	30	PASS
Band66	1.4	131979	1	#Max	QPSK	21.99	-2.47	19.52	30	PASS
Band66	1.4	131979	3	#0	QPSK	21.97	-2.47	19.50	30	PASS
Band66	1.4	131979	3	#Mid	QPSK	22.02	-2.47	19.55	30	PASS
Band66	1.4	131979	3	#Max	QPSK	22.00	-2.47	19.53	30	PASS
Band66	1.4	131979	6	#0	QPSK	21.05	-2.47	18.58	30	PASS
Band66	1.4	131979	1	#0	16QAM	21.10	-2.47	18.63	30	PASS
Band66	1.4	131979	1	#Mid	16QAM	21.17	-2.47	18.70	30	PASS
Band66	1.4	131979	1	#Max	16QAM	21.17	-2.47	18.70	30	PASS
Band66	1.4	131979	3	#0	16QAM	21.22	-2.47	18.75	30	PASS
Band66	1.4	131979	3	#Mid	16QAM	21.28	-2.47	18.81	30	PASS
Band66	1.4	131979	3	#Max	16QAM	21.24	-2.47	18.77	30	PASS
Band66	1.4	131979	6	#0	16QAM	20.26	-2.47	17.79	30	PASS
Band66	1.4	132322	1	#0	QPSK	21.84	-2.47	19.37	30	PASS
Band66	1.4	132322	1	#Mid	QPSK	21.90	-2.47	19.43	30	PASS
Band66	1.4	132322	1	#Max	QPSK	21.82	-2.47	19.35	30	PASS
Band66	1.4	132322	3	#0	QPSK	21.91	-2.47	19.44	30	PASS
Band66	1.4	132322	3	#Mid	QPSK	21.95	-2.47	19.48	30	PASS
Band66	1.4	132322	3	#Max	QPSK	21.94	-2.47	19.47	30	PASS
Band66	1.4	132322	6	#0	QPSK	20.89	-2.47	18.42	30	PASS
Band66	1.4	132322	1	#0	16QAM	21.02	-2.47	18.55	30	PASS
Band66	1.4	132322	1	#Mid	16QAM	21.10	-2.47	18.63	30	PASS
Band66	1.4	132322	1	#Max	16QAM	21.03	-2.47	18.56	30	PASS
Band66	1.4	132322	3	#0	16QAM	21.19	-2.47	18.72	30	PASS
Band66	1.4	132322	3	#Mid	16QAM	21.22	-2.47	18.75	30	PASS
Band66	1.4	132322	3	#Max	16QAM	21.19	-2.47	18.72	30	PASS
Band66	1.4	132322	6	#0	16QAM	20.14	-2.47	17.67	30	PASS
Band66	1.4	132665	1	#0	QPSK	21.29	-2.47	18.82	30	PASS
Band66	1.4	132665	1	#Mid	QPSK	21.39	-2.47	18.92	30	PASS
Band66	1.4	132665	1	#Max	QPSK	21.33	-2.47	18.86	30	PASS
Band66	1.4	132665	3	#0	QPSK	21.43	-2.47	18.96	30	PASS
Band66	1.4	132665	3	#Mid	QPSK	21.44	-2.47	18.97	30	PASS
Band66	1.4	132665	3	#Max	QPSK	21.38	-2.47	18.91	30	PASS
Band66	1.4	132665	6	#0	QPSK	20.39	-2.47	17.92	30	PASS
Band66	1.4	132665	1	#0	16QAM	20.21	-2.47	17.74	30	PASS
Band66	1.4	132665	1	#Mid	16QAM	20.29	-2.47	17.82	30	PASS
Band66	1.4	132665	1	#Max	16QAM	20.23	-2.47	17.76	30	PASS
Band66	1.4	132665	3	#0	16QAM	20.61	-2.47	18.14	30	PASS
Band66	1.4	132665	3	#Mid	16QAM	20.65	-2.47	18.18	30	PASS
Band66	1.4	132665	3	#Max	16QAM	20.62	-2.47	18.15	30	PASS
Band66	1.4	132665	6	#0	16QAM	19.67	-2.47	17.20	30	PASS



Report

Band66	3	131987	1	#0	QPSK	21.70	-2.47	19.23	30	PASS
Band66	3	131987	1	#Mid	QPSK	21.90	-2.47	19.43	30	PASS
Band66	3	131987	1	#Max	QPSK	21.81	-2.47	19.34	30	PASS
Band66	3	131987	8	#0	QPSK	20.95	-2.47	18.48	30	PASS
Band66	3	131987	8	#Mid	QPSK	21.08	-2.47	18.61	30	PASS
Band66	3	131987	8	#Max	QPSK	21.05	-2.47	18.58	30	PASS
Band66	3	131987	15	#0	QPSK	20.99	-2.47	18.52	30	PASS
Band66	3	131987	1	#0	16QAM	21.24	-2.47	18.77	30	PASS
Band66	3	131987	1	#Mid	16QAM	21.39	-2.47	18.92	30	PASS
Band66	3	131987	1	#Max	16QAM	21.33	-2.47	18.86	30	PASS
Band66	3	131987	8	#0	16QAM	20.02	-2.47	17.55	30	PASS
Band66	3	131987	8	#Mid	16QAM	20.14	-2.47	17.67	30	PASS
Band66	3	131987	8	#Max	16QAM	20.12	-2.47	17.65	30	PASS
Band66	3	131987	15	#0	16QAM	20.07	-2.47	17.60	30	PASS
Band66	3	132322	1	#0	QPSK	21.68	-2.47	19.21	30	PASS
Band66	3	132322	1	#Mid	QPSK	21.80	-2.47	19.33	30	PASS
Band66	3	132322	1	#Max	QPSK	21.66	-2.47	19.19	30	PASS
Band66	3	132322	8	#0	QPSK	20.87	-2.47	18.40	30	PASS
Band66	3	132322	8	#Mid	QPSK	20.97	-2.47	18.50	30	PASS
Band66	3	132322	8	#Max	QPSK	20.96	-2.47	18.49	30	PASS
Band66	3	132322	15	#0	QPSK	20.90	-2.47	18.43	30	PASS
Band66	3	132322	1	#0	16QAM	20.92	-2.47	18.45	30	PASS
Band66	3	132322	1	#Mid	16QAM	21.02	-2.47	18.55	30	PASS
Band66	3	132322	1	#Max	16QAM	20.96	-2.47	18.49	30	PASS
Band66	3	132322	8	#0	16QAM	19.94	-2.47	17.47	30	PASS
Band66	3	132322	8	#Mid	16QAM	20.01	-2.47	17.54	30	PASS
Band66	3	132322	8	#Max	16QAM	19.95	-2.47	17.48	30	PASS
Band66	3	132322	15	#0	16QAM	19.89	-2.47	17.42	30	PASS
Band66	3	132657	1	#0	QPSK	21.16	-2.47	18.69	30	PASS
Band66	3	132657	1	#Mid	QPSK	21.32	-2.47	18.85	30	PASS
Band66	3	132657	1	#Max	QPSK	21.29	-2.47	18.82	30	PASS
Band66	3	132657	8	#0	QPSK	20.40	-2.47	17.93	30	PASS
Band66	3	132657	8	#Mid	QPSK	20.47	-2.47	18.00	30	PASS
Band66	3	132657	8	#Max	QPSK	20.43	-2.47	17.96	30	PASS
Band66	3	132657	15	#0	QPSK	20.40	-2.47	17.93	30	PASS
Band66	3	132657	1	#0	16QAM	20.14	-2.47	17.67	30	PASS
Band66	3	132657	1	#Mid	16QAM	20.26	-2.47	17.79	30	PASS
Band66	3	132657	1	#Max	16QAM	20.13	-2.47	17.66	30	PASS
Band66	3	132657	8	#0	16QAM	19.47	-2.47	17.00	30	PASS
Band66	3	132657	8	#Mid	16QAM	19.49	-2.47	17.02	30	PASS
Band66	3	132657	8	#Max	16QAM	19.44	-2.47	16.97	30	PASS
Band66	3	132657	15	#0	16QAM	19.49	-2.47	17.02	30	PASS
Band66	5	131997	1	#0	QPSK	21.98	-2.47	19.51	30	PASS
Band66	5	131997	1	#Mid	QPSK	22.21	-2.47	19.74	30	PASS



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Band66	5	131997	1	#Max	QPSK	22.22	-2.47	19.75	30	PASS
Band66	5	131997	12	#0	QPSK	21.00	-2.47	18.53	30	PASS
Band66	5	131997	12	#Mid	QPSK	21.21	-2.47	18.74	30	PASS
Band66	5	131997	12	#Max	QPSK	21.21	-2.47	18.74	30	PASS
Band66	5	131997	25	#0	QPSK	21.17	-2.47	18.70	30	PASS
Band66	5	131997	1	#0	16QAM	21.36	-2.47	18.89	30	PASS
Band66	5	131997	1	#Mid	16QAM	21.59	-2.47	19.12	30	PASS
Band66	5	131997	1	#Max	16QAM	21.59	-2.47	19.12	30	PASS
Band66	5	131997	12	#0	16QAM	19.99	-2.47	17.52	30	PASS
Band66	5	131997	12	#Mid	16QAM	20.21	-2.47	17.74	30	PASS
Band66	5	131997	12	#Max	16QAM	20.17	-2.47	17.70	30	PASS
Band66	5	131997	25	#0	16QAM	20.21	-2.47	17.74	30	PASS
Band66	5	132322	1	#0	QPSK	21.84	-2.47	19.37	30	PASS
Band66	5	132322	1	#Mid	QPSK	22.02	-2.47	19.55	30	PASS
Band66	5	132322	1	#Max	QPSK	21.91	-2.47	19.44	30	PASS
Band66	5	132322	12	#0	QPSK	20.90	-2.47	18.43	30	PASS
Band66	5	132322	12	#Mid	QPSK	21.04	-2.47	18.57	30	PASS
Band66	5	132322	12	#Max	QPSK	21.05	-2.47	18.58	30	PASS
Band66	5	132322	25	#0	QPSK	20.97	-2.47	18.50	30	PASS
Band66	5	132322	1	#0	16QAM	21.26	-2.47	18.79	30	PASS
Band66	5	132322	1	#Mid	16QAM	21.43	-2.47	18.96	30	PASS
Band66	5	132322	1	#Max	16QAM	21.35	-2.47	18.88	30	PASS
Band66	5	132322	12	#0	16QAM	19.95	-2.47	17.48	30	PASS
Band66	5	132322	12	#Mid	16QAM	20.10	-2.47	17.63	30	PASS
Band66	5	132322	12	#Max	16QAM	20.09	-2.47	17.62	30	PASS
Band66	5	132322	25	#0	16QAM	20.00	-2.47	17.53	30	PASS
Band66	5	132647	1	#0	QPSK	21.41	-2.47	18.94	30	PASS
Band66	5	132647	1	#Mid	QPSK	21.50	-2.47	19.03	30	PASS
Band66	5	132647	1	#Max	QPSK	21.48	-2.47	19.01	30	PASS
Band66	5	132647	12	#0	QPSK	20.44	-2.47	17.97	30	PASS
Band66	5	132647	12	#Mid	QPSK	20.53	-2.47	18.06	30	PASS
Band66	5	132647	12	#Max	QPSK	20.50	-2.47	18.03	30	PASS
Band66	5	132647	25	#0	QPSK	20.47	-2.47	18.00	30	PASS
Band66	5	132647	1	#0	16QAM	21.05	-2.47	18.58	30	PASS
Band66	5	132647	1	#Mid	16QAM	21.17	-2.47	18.70	30	PASS
Band66	5	132647	1	#Max	16QAM	21.09	-2.47	18.62	30	PASS
Band66	5	132647	12	#0	16QAM	19.46	-2.47	16.99	30	PASS
Band66	5	132647	12	#Mid	16QAM	19.58	-2.47	17.11	30	PASS
Band66	5	132647	12	#Max	16QAM	19.57	-2.47	17.10	30	PASS
Band66	5	132647	25	#0	16QAM	19.48	-2.47	17.01	30	PASS
Band66	10	132022	1	#0	QPSK	22.14	-2.47	19.67	30	PASS
Band66	10	132022	1	#Mid	QPSK	22.38	-2.47	19.91	30	PASS
Band66	10	132022	1	#Max	QPSK	22.41	-2.47	19.94	30	PASS
Band66	10	132022	25	#0	QPSK	21.10	-2.47	18.63	30	PASS



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Band66	10	132022	25	#Mid	QPSK	21.26	-2.47	18.79	30	PASS
Band66	10	132022	25	#Max	QPSK	21.29	-2.47	18.82	30	PASS
Band66	10	132022	50	#0	QPSK	21.26	-2.47	18.79	30	PASS
Band66	10	132022	1	#0	16QAM	21.00	-2.47	18.53	30	PASS
Band66	10	132022	1	#Mid	16QAM	21.24	-2.47	18.77	30	PASS
Band66	10	132022	1	#Max	16QAM	21.36	-2.47	18.89	30	PASS
Band66	10	132022	25	#0	16QAM	20.13	-2.47	17.66	30	PASS
Band66	10	132022	25	#Mid	16QAM	20.31	-2.47	17.84	30	PASS
Band66	10	132022	25	#Max	16QAM	20.36	-2.47	17.89	30	PASS
Band66	10	132022	50	#0	16QAM	20.22	-2.47	17.75	30	PASS
Band66	10	132322	1	#0	QPSK	21.93	-2.47	19.46	30	PASS
Band66	10	132322	1	#Mid	QPSK	22.03	-2.47	19.56	30	PASS
Band66	10	132322	1	#Max	QPSK	22.09	-2.47	19.62	30	PASS
Band66	10	132322	25	#0	QPSK	20.85	-2.47	18.38	30	PASS
Band66	10	132322	25	#Mid	QPSK	21.05	-2.47	18.58	30	PASS
Band66	10	132322	25	#Max	QPSK	21.12	-2.47	18.65	30	PASS
Band66	10	132322	50	#0	QPSK	21.01	-2.47	18.54	30	PASS
Band66	10	132322	1	#0	16QAM	21.43	-2.47	18.96	30	PASS
Band66	10	132322	1	#Mid	16QAM	21.52	-2.47	19.05	30	PASS
Band66	10	132322	1	#Max	16QAM	21.55	-2.47	19.08	30	PASS
Band66	10	132322	25	#0	16QAM	19.91	-2.47	17.44	30	PASS
Band66	10	132322	25	#Mid	16QAM	20.14	-2.47	17.67	30	PASS
Band66	10	132322	25	#Max	16QAM	20.17	-2.47	17.70	30	PASS
Band66	10	132322	50	#0	16QAM	20.03	-2.47	17.56	30	PASS
Band66	10	132622	1	#0	QPSK	21.68	-2.47	19.21	30	PASS
Band66	10	132622	1	#Mid	QPSK	21.57	-2.47	19.10	30	PASS
Band66	10	132622	1	#Max	QPSK	21.60	-2.47	19.13	30	PASS
Band66	10	132622	25	#0	QPSK	20.53	-2.47	18.06	30	PASS
Band66	10	132622	25	#Mid	QPSK	20.57	-2.47	18.10	30	PASS
Band66	10	132622	25	#Max	QPSK	20.47	-2.47	18.00	30	PASS
Band66	10	132622	50	#0	QPSK	20.49	-2.47	18.02	30	PASS
Band66	10	132622	1	#0	16QAM	20.88	-2.47	18.41	30	PASS
Band66	10	132622	1	#Mid	16QAM	20.77	-2.47	18.30	30	PASS
Band66	10	132622	1	#Max	16QAM	20.75	-2.47	18.28	30	PASS
Band66	10	132622	25	#0	16QAM	19.59	-2.47	17.12	30	PASS
Band66	10	132622	25	#Mid	16QAM	19.62	-2.47	17.15	30	PASS
Band66	10	132622	25	#Max	16QAM	19.57	-2.47	17.10	30	PASS
Band66	10	132622	50	#0	16QAM	19.60	-2.47	17.13	30	PASS
Band66	15	132047	1	#0	QPSK	22.05	-2.47	19.58	30	PASS
Band66	15	132047	1	#Mid	QPSK	22.44	-2.47	19.97	30	PASS
Band66	15	132047	1	#Max	QPSK	22.34	-2.47	19.87	30	PASS
Band66	15	132047	36	#0	QPSK	21.16	-2.47	18.69	30	PASS
Band66	15	132047	36	#Mid	QPSK	21.32	-2.47	18.85	30	PASS
Band66	15	132047	36	#Max	QPSK	21.29	-2.47	18.82	30	PASS



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Band66	15	132047	75	#0	QPSK	21.25	-2.47	18.78	30	PASS
Band66	15	132047	1	#0	16QAM	21.28	-2.47	18.81	30	PASS
Band66	15	132047	1	#Mid	16QAM	21.60	-2.47	19.13	30	PASS
Band66	15	132047	1	#Max	16QAM	21.52	-2.47	19.05	30	PASS
Band66	15	132047	36	#0	16QAM	20.24	-2.47	17.77	30	PASS
Band66	15	132047	36	#Mid	16QAM	20.44	-2.47	17.97	30	PASS
Band66	15	132047	36	#Max	16QAM	20.39	-2.47	17.92	30	PASS
Band66	15	132047	75	#0	16QAM	20.27	-2.47	17.80	30	PASS
Band66	15	132322	1	#0	QPSK	21.90	-2.47	19.43	30	PASS
Band66	15	132322	1	#Mid	QPSK	22.10	-2.47	19.63	30	PASS
Band66	15	132322	1	#Max	QPSK	22.09	-2.47	19.62	30	PASS
Band66	15	132322	36	#0	QPSK	20.84	-2.47	18.37	30	PASS
Band66	15	132322	36	#Mid	QPSK	21.05	-2.47	18.58	30	PASS
Band66	15	132322	36	#Max	QPSK	21.09	-2.47	18.62	30	PASS
Band66	15	132322	75	#0	QPSK	20.97	-2.47	18.50	30	PASS
Band66	15	132322	1	#0	16QAM	21.04	-2.47	18.57	30	PASS
Band66	15	132322	1	#Mid	16QAM	21.16	-2.47	18.69	30	PASS
Band66	15	132322	1	#Max	16QAM	21.20	-2.47	18.73	30	PASS
Band66	15	132322	36	#0	16QAM	19.84	-2.47	17.37	30	PASS
Band66	15	132322	36	#Mid	16QAM	20.00	-2.47	17.53	30	PASS
Band66	15	132322	36	#Max	16QAM	20.07	-2.47	17.60	30	PASS
Band66	15	132322	75	#0	16QAM	20.07	-2.47	17.60	30	PASS
Band66	15	132597	1	#0	QPSK	21.78	-2.47	19.31	30	PASS
Band66	15	132597	1	#Mid	QPSK	21.62	-2.47	19.15	30	PASS
Band66	15	132597	1	#Max	QPSK	21.48	-2.47	19.01	30	PASS
Band66	15	132597	36	#0	QPSK	20.66	-2.47	18.19	30	PASS
Band66	15	132597	36	#Mid	QPSK	20.59	-2.47	18.12	30	PASS
Band66	15	132597	36	#Max	QPSK	20.55	-2.47	18.08	30	PASS
Band66	15	132597	75	#0	QPSK	20.61	-2.47	18.14	30	PASS
Band66	15	132597	1	#0	16QAM	21.28	-2.47	18.81	30	PASS
Band66	15	132597	1	#Mid	16QAM	21.15	-2.47	18.68	30	PASS
Band66	15	132597	1	#Max	16QAM	20.98	-2.47	18.51	30	PASS
Band66	15	132597	36	#0	16QAM	19.74	-2.47	17.27	30	PASS
Band66	15	132597	36	#Mid	16QAM	19.67	-2.47	17.20	30	PASS
Band66	15	132597	36	#Max	16QAM	19.59	-2.47	17.12	30	PASS
Band66	15	132597	75	#0	16QAM	19.63	-2.47	17.16	30	PASS
Band66	20	132072	1	#0	QPSK	22.03	-2.47	19.56	30	PASS
Band66	20	132072	1	#Mid	QPSK	22.46	-2.47	19.99	30	PASS
Band66	20	132072	1	#Max	QPSK	22.13	-2.47	19.66	30	PASS
Band66	20	132072	50	#0	QPSK	21.24	-2.47	18.77	30	PASS
Band66	20	132072	50	#Mid	QPSK	21.41	-2.47	18.94	30	PASS
Band66	20	132072	50	#Max	QPSK	21.30	-2.47	18.83	30	PASS
Band66	20	132072	100	#0	QPSK	21.29	-2.47	18.82	30	PASS
Band66	20	132072	1	#0	16QAM	21.29	-2.47	18.82	30	PASS



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Band66	20	132072	1	#Mid	16QAM	21.79	-2.47	19.32	30	PASS
Band66	20	132072	1	#Max	16QAM	21.45	-2.47	18.98	30	PASS
Band66	20	132072	50	#0	16QAM	20.25	-2.47	17.78	30	PASS
Band66	20	132072	50	#Mid	16QAM	20.43	-2.47	17.96	30	PASS
Band66	20	132072	50	#Max	16QAM	20.31	-2.47	17.84	30	PASS
Band66	20	132072	100	#0	16QAM	20.26	-2.47	17.79	30	PASS
Band66	20	132322	1	#0	QPSK	21.81	-2.47	19.34	30	PASS
Band66	20	132322	1	#Mid	QPSK	22.10	-2.47	19.63	30	PASS
Band66	20	132322	1	#Max	QPSK	22.07	-2.47	19.60	30	PASS
Band66	20	132322	50	#0	QPSK	20.87	-2.47	18.40	30	PASS
Band66	20	132322	50	#Mid	QPSK	21.09	-2.47	18.62	30	PASS
Band66	20	132322	50	#Max	QPSK	21.19	-2.47	18.72	30	PASS
Band66	20	132322	100	#0	QPSK	21.02	-2.47	18.55	30	PASS
Band66	20	132322	1	#0	16QAM	21.12	-2.47	18.65	30	PASS
Band66	20	132322	1	#Mid	16QAM	21.40	-2.47	18.93	30	PASS
Band66	20	132322	1	#Max	16QAM	21.35	-2.47	18.88	30	PASS
Band66	20	132322	50	#0	16QAM	19.92	-2.47	17.45	30	PASS
Band66	20	132322	50	#Mid	16QAM	20.17	-2.47	17.70	30	PASS
Band66	20	132322	50	#Max	16QAM	20.26	-2.47	17.79	30	PASS
Band66	20	132322	100	#0	16QAM	20.08	-2.47	17.61	30	PASS
Band66	20	132572	1	#0	QPSK	21.79	-2.47	19.32	30	PASS
Band66	20	132572	1	#Mid	QPSK	21.70	-2.47	19.23	30	PASS
Band66	20	132572	1	#Max	QPSK	21.37	-2.47	18.90	30	PASS
Band66	20	132572	50	#0	QPSK	20.86	-2.47	18.39	30	PASS
Band66	20	132572	50	#Mid	QPSK	20.77	-2.47	18.30	30	PASS
Band66	20	132572	50	#Max	QPSK	20.58	-2.47	18.11	30	PASS
Band66	20	132572	100	#0	QPSK	20.72	-2.47	18.25	30	PASS
Band66	20	132572	1	#0	16QAM	21.17	-2.47	18.70	30	PASS
Band66	20	132572	1	#Mid	16QAM	21.12	-2.47	18.65	30	PASS
Band66	20	132572	1	#Max	16QAM	20.81	-2.47	18.34	30	PASS
Band66	20	132572	50	#0	16QAM	19.95	-2.47	17.48	30	PASS
Band66	20	132572	50	#Mid	16QAM	19.84	-2.47	17.37	30	PASS
Band66	20	132572	50	#Max	16QAM	19.63	-2.47	17.16	30	PASS
Band66	20	132572	100	#0	16QAM	19.75	-2.47	17.28	30	PASS



Report

Frequency stability

LTE Band 2 (QPSK) / 1880MHz / BW20M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	0.96	0.001	2.5ppm	PASS
40		-0.80	0.000		
30		-1.05	-0.001		
20		0.53	0.000		
10		-1.17	-0.001		
0		1.24	0.001		
-10		-0.97	-0.001		
-20		-1.09	-0.001		
-30		1.30	0.001		
20	Maximum Voltage	-0.56	0.000		
20	BEP	-0.66	0.000		

LTE Band 2 (16QAM) / 1880MHz / BW20M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	1.67	0.001	2.5ppm	PASS
40		1.92	0.001		
30		-2.20	-0.001		
20		2.20	0.001		
10		-1.83	-0.001		
0		-1.94	-0.001		
-10		-1.71	-0.001		
-20		1.92	0.001		
-30		-1.98	-0.001		
20	Maximum Voltage	3.09	0.002		
20	BEP	-0.90	0.000		



Report

LTE Band 4 (QPSK) / 1733MHz / BW20M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	0.35	0.000	2.5ppm	PASS
40		0.05	0.000		
30		0.29	0.000		
20		-2.30	-0.001		
10		0.53	0.000		
0		-0.49	0.000		
-10		0.56	0.000		
-20		-0.60	0.000		
-30		-0.06	0.000		
20	Maximum Voltage	0.24	0.000		
20	BEP	0.13	0.000		

LTE Band 4 (16QAM) / 1733MHz / BW20M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	-0.70	0.000	2.5ppm	PASS
40		-0.83	0.000		
30		-0.61	0.000		
20		-0.57	0.000		
10		0.48	0.000		
0		0.62	0.000		
-10		0.24	0.000		
-20		0.59	0.000		
-30		0.68	0.000		
20	Maximum Voltage	1.24	0.001		
20	BEP	1.15	0.001		



Report

LTE Band 5 (QPSK) / 836.5MHz / BW10M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	3.65	0.004	2.5ppm	PASS
40		-3.49	-0.004		
30		-3.63	-0.004		
20		5.68	0.007		
10		3.79	0.005		
0		3.93	0.005		
-10		3.95	0.005		
-20		-3.40	-0.004		
-30		3.39	0.004		
20	Maximum Voltage	5.30	0.006		
20	BEP	5.45	0.007		

LTE Band 5 (16QAM) / 836.5MHz / BW10M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	3.47	0.004	2.5ppm	PASS
40		3.94	0.005		
30		3.80	0.005		
20		5.68	0.007		
10		3.40	0.004		
0		-3.61	-0.004		
-10		-3.62	-0.004		
-20		3.38	0.004		
-30		3.61	0.004		
20	Maximum Voltage	5.67	0.007		
20	BEP	-1.71	-0.002		



Report

LTE Band 7 (QPSK) / 2535MHz / BW20M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	-0.88	0.000	2.5ppm	PASS
40		-0.71	0.000		
30		1.20	0.000		
20		-3.66	-0.001		
10		1.24	0.000		
0		-1.08	0.000		
-10		0.85	0.000		
-20		1.13	0.000		
-30		-1.17	0.000		
20	Maximum Voltage	0.64	0.000		
20	BEP	0.39	0.000		

LTE Band 7 (16QAM) / 2535MHz / BW20M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	-0.82	0.000	2.5ppm	PASS
40		0.84	0.000		
30		0.50	0.000		
20		-0.33	0.000		
10		-0.49	0.000		
0		-0.90	0.000		
-10		-0.40	0.000		
-20		0.41	0.000		
-30		-0.50	0.000		
20	Maximum Voltage	0.60	0.000		
20	BEP	0.56	0.000		



Report

LTE Band 38 (QPSK) / 2595MHz / BW20M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	1.15	0.000	2.5ppm	PASS
40		-0.85	0.000		
30		-1.00	0.000		
20		0.37	0.000		
10		0.75	0.000		
0		-1.15	0.000		
-10		0.85	0.000		
-20		0.86	0.000		
-30		0.74	0.000		
20	Maximum Voltage	1.46	0.001		
20	BEP	1.15	0.000		

LTE Band 38 (16QAM) / 2595MHz / BW20M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	-0.90	0.000	2.5ppm	PASS
40		1.14	0.000		
30		1.17	0.000		
20		0.49	0.000		
10		1.04	0.000		
0		-1.16	0.000		
-10		0.97	0.000		
-20		-0.86	0.000		
-30		-1.24	0.000		
20	Maximum Voltage	1.65	0.001		
20	BEP	-0.65	0.000		



Report

Band40(2350-2360)(QPSK) / 2355MHz / BW10M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	3.24	0.001	2.5ppm	PASS
40		3.11	0.001		
30		2.85	0.001		
20		-7.84	-0.003		
10		-3.03	-0.001		
0		3.23	0.001		
-10		2.88	0.001		
-20		3.36	0.001		
-30		-2.81	-0.001		
20	Maximum Voltage	1.65	0.001		
20	BEP	-4.94	-0.002		

Band40(2350-2360)(16QAM) / 2355MHz / BW10M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	-0.89	0.000	2.5ppm	PASS
40		1.06	0.000		
30		0.77	0.000		
20		-3.46	-0.001		
10		0.80	0.000		
0		0.96	0.000		
-10		-1.15	0.000		
-20		1.15	0.000		
-30		-1.16	0.000		
20	Maximum Voltage	-1.58	-0.001		
20	BEP	-1.08	0.000		



Report

Band40(2305-2315) (QPSK) / 2310MHz / BW10M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	-2.40	-0.001	2.5ppm	PASS
40		2.29	0.001		
30		-2.49	-0.001		
20		-6.81	-0.003		
10		2.60	0.001		
0		-2.56	-0.001		
-10		2.37	0.001		
-20		2.78	0.001		
-30		2.33	0.001		
20	Maximum Voltage	-3.45	-0.001		
20	BEP	1.16	0.001		

Band40(2305-2315) (16QAM) / 2310MHz / BW10M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	-2.68	-0.001	2.5ppm	PASS
40		-2.86	-0.001		
30		2.76	0.001		
20		3.76	0.002		
10		-2.59	-0.001		
0		2.60	0.001		
-10		2.49	0.001		
-20		2.51	0.001		
-30		-2.87	-0.001		
20	Maximum Voltage	-1.37	-0.001		
20	BEP	-1.25	-0.001		



Report

LTE Band 66 (QPSK) / 1745MHz / BW20M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	1.05	0.001	2.5ppm	PASS
40		1.03	0.001		
30		-1.09	-0.001		
20		0.24	0.000		
10		0.89	0.001		
0		0.90	0.001		
-10		1.07	0.001		
-20		-0.99	-0.001		
-30		-1.15	-0.001		
20	Maximum Voltage	0.98	0.001		
20	BEP	-0.40	0.000		

LTE Band 66 (16QAM) / 1745MHz / BW20M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	-0.31	0.000	2.5ppm	PASS
40		0.05	0.000		
30		-0.14	0.000		
20		-1.75	-0.001		
10		-0.17	0.000		
0		0.31	0.000		
-10		0.17	0.000		
-20		-0.19	0.000		
-30		0.09	0.000		
20	Maximum Voltage	0.31	0.000		
20	BEP	-0.39	0.000		



Report

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	5.57	13	PASS
Band2	1.4	18607	1	#0	16QAM	6.66	13	PASS
Band2	1.4	18900	1	#0	QPSK	5.70	13	PASS
Band2	1.4	18900	1	#0	16QAM	6.32	13	PASS
Band2	1.4	19193	1	#0	QPSK	5.70	13	PASS
Band2	1.4	19193	1	#0	16QAM	6.38	13	PASS
Band2	3	18615	1	#0	QPSK	5.76	13	PASS
Band2	3	18615	1	#0	16QAM	6.63	13	PASS
Band2	3	18900	1	#0	QPSK	5.79	13	PASS
Band2	3	18900	1	#0	16QAM	6.85	13	PASS
Band2	3	19185	1	#0	QPSK	5.49	13	PASS
Band2	3	19185	1	#0	16QAM	6.02	13	PASS
Band2	5	18625	1	#0	QPSK	5.56	13	PASS
Band2	5	18625	1	#0	16QAM	6.20	13	PASS
Band2	5	18900	1	#0	QPSK	5.81	13	PASS
Band2	5	18900	1	#0	16QAM	6.35	13	PASS
Band2	5	19175	1	#0	QPSK	5.87	13	PASS
Band2	5	19175	1	#0	16QAM	6.26	13	PASS
Band2	10	18650	1	#0	QPSK	5.67	13	PASS
Band2	10	18650	1	#0	16QAM	6.36	13	PASS
Band2	10	18900	1	#0	QPSK	5.83	13	PASS
Band2	10	18900	1	#0	16QAM	6.65	13	PASS
Band2	10	19150	1	#0	QPSK	5.75	13	PASS
Band2	10	19150	1	#0	16QAM	6.10	13	PASS
Band2	15	18675	1	#0	QPSK	5.40	13	PASS
Band2	15	18675	1	#0	16QAM	6.52	13	PASS
Band2	15	18900	1	#0	QPSK	5.72	13	PASS
Band2	15	18900	1	#0	16QAM	6.53	13	PASS
Band2	15	19125	1	#0	QPSK	5.89	13	PASS
Band2	15	19125	1	#0	16QAM	6.68	13	PASS
Band2	20	18700	1	#0	QPSK	5.48	13	PASS
Band2	20	18700	1	#0	16QAM	5.88	13	PASS
Band2	20	18900	1	#0	QPSK	5.99	13	PASS
Band2	20	18900	1	#0	16QAM	6.36	13	PASS
Band2	20	19100	1	#0	QPSK	5.86	13	PASS
Band2	20	19100	1	#0	16QAM	6.92	13	PASS
Band4	1.4	19957	1	#0	QPSK	6.09	13	PASS
Band4	1.4	19957	1	#0	16QAM	6.90	13	PASS
Band4	1.4	20175	1	#0	QPSK	5.73	13	PASS
Band4	1.4	20175	1	#0	16QAM	6.20	13	PASS
Band4	1.4	20393	1	#0	QPSK	5.24	13	PASS
Band4	1.4	20393	1	#0	16QAM	6.38	13	PASS



Report

Band4	3	19965	1	#0	QPSK	5.99	13	PASS
Band4	3	19965	1	#0	16QAM	6.85	13	PASS
Band4	3	20175	1	#0	QPSK	5.87	13	PASS
Band4	3	20175	1	#0	16QAM	6.91	13	PASS
Band4	3	20385	1	#0	QPSK	5.33	13	PASS
Band4	3	20385	1	#0	16QAM	6.03	13	PASS
Band4	5	19975	1	#0	QPSK	5.99	13	PASS
Band4	5	19975	1	#0	16QAM	6.64	13	PASS
Band4	5	20175	1	#0	QPSK	6.19	13	PASS
Band4	5	20175	1	#0	16QAM	6.44	13	PASS
Band4	5	20375	1	#0	QPSK	5.55	13	PASS
Band4	5	20375	1	#0	16QAM	5.95	13	PASS
Band4	10	20000	1	#0	QPSK	5.77	13	PASS
Band4	10	20000	1	#0	16QAM	6.83	13	PASS
Band4	10	20175	1	#0	QPSK	5.42	13	PASS
Band4	10	20175	1	#0	16QAM	6.13	13	PASS
Band4	10	20350	1	#0	QPSK	5.51	13	PASS
Band4	10	20350	1	#0	16QAM	6.52	13	PASS
Band4	15	20025	1	#0	QPSK	6.04	13	PASS
Band4	15	20025	1	#0	16QAM	6.83	13	PASS
Band4	15	20175	1	#0	QPSK	5.69	13	PASS
Band4	15	20175	1	#0	16QAM	6.63	13	PASS
Band4	15	20325	1	#0	QPSK	5.61	13	PASS
Band4	15	20325	1	#0	16QAM	6.14	13	PASS
Band4	20	20050	1	#0	QPSK	5.61	13	PASS
Band4	20	20050	1	#0	16QAM	6.27	13	PASS
Band4	20	20175	1	#0	QPSK	5.45	13	PASS
Band4	20	20175	1	#0	16QAM	5.98	13	PASS
Band4	20	20300	1	#0	QPSK	5.78	13	PASS
Band4	20	20300	1	#0	16QAM	6.72	13	PASS
Band5	1.4	20407	1	#0	QPSK	4.96	13	PASS
Band5	1.4	20407	1	#0	16QAM	5.96	13	PASS
Band5	1.4	20525	1	#0	QPSK	5.12	13	PASS
Band5	1.4	20525	1	#0	16QAM	5.71	13	PASS
Band5	1.4	20643	1	#0	QPSK	5.16	13	PASS
Band5	1.4	20643	1	#0	16QAM	5.92	13	PASS
Band5	3	20415	1	#0	QPSK	4.92	13	PASS
Band5	3	20415	1	#0	16QAM	5.55	13	PASS
Band5	3	20525	1	#0	QPSK	5.31	13	PASS
Band5	3	20525	1	#0	16QAM	6.13	13	PASS
Band5	3	20635	1	#0	QPSK	5.16	13	PASS
Band5	3	20635	1	#0	16QAM	6.32	13	PASS
Band5	5	20425	1	#0	QPSK	5.14	13	PASS
Band5	5	20425	1	#0	16QAM	5.76	13	PASS



Report

Band5	5	20525	1	#0	QPSK	4.93	13	PASS
Band5	5	20525	1	#0	16QAM	5.44	13	PASS
Band5	5	20625	1	#0	QPSK	4.84	13	PASS
Band5	5	20625	1	#0	16QAM	5.48	13	PASS
Band5	10	20450	1	#0	QPSK	4.84	13	PASS
Band5	10	20450	1	#0	16QAM	5.63	13	PASS
Band5	10	20525	1	#0	QPSK	4.02	13	PASS
Band5	10	20525	1	#0	16QAM	4.89	13	PASS
Band5	10	20600	1	#0	QPSK	4.35	13	PASS
Band5	10	20600	1	#0	16QAM	5.17	13	PASS
Band7	5	20775	1	#0	QPSK	5.45	13	PASS
Band7	5	20775	1	#0	16QAM	5.92	13	PASS
Band7	5	21100	1	#0	QPSK	3.77	13	PASS
Band7	5	21100	1	#0	16QAM	4.50	13	PASS
Band7	5	21425	1	#0	QPSK	3.89	13	PASS
Band7	5	21425	1	#0	16QAM	4.63	13	PASS
Band7	10	20800	1	#0	QPSK	5.07	13	PASS
Band7	10	20800	1	#0	16QAM	5.97	13	PASS
Band7	10	21100	1	#0	QPSK	3.71	13	PASS
Band7	10	21100	1	#0	16QAM	4.51	13	PASS
Band7	10	21400	1	#0	QPSK	4.72	13	PASS
Band7	10	21400	1	#0	16QAM	5.74	13	PASS
Band7	15	20825	1	#0	QPSK	5.06	13	PASS
Band7	15	20825	1	#0	16QAM	5.82	13	PASS
Band7	15	21100	1	#0	QPSK	4.05	13	PASS
Band7	15	21100	1	#0	16QAM	4.92	13	PASS
Band7	15	21375	1	#0	QPSK	5.02	13	PASS
Band7	15	21375	1	#0	16QAM	5.99	13	PASS
Band7	20	20850	1	#0	QPSK	4.98	13	PASS
Band7	20	20850	1	#0	16QAM	5.48	13	PASS
Band7	20	21100	1	#0	QPSK	4.44	13	PASS
Band7	20	21100	1	#0	16QAM	5.22	13	PASS
Band7	20	21350	1	#0	QPSK	5.20	13	PASS
Band7	20	21350	1	#0	16QAM	6.34	13	PASS
Band38	5	37775	1	#0	QPSK	8.11	13	PASS
Band38	5	37775	1	#0	16QAM	8.23	13	PASS
Band38	5	38000	1	#0	QPSK	9.63	13	PASS
Band38	5	38000	1	#0	16QAM	11.77	13	PASS
Band38	5	38225	1	#0	QPSK	9.12	13	PASS
Band38	5	38225	1	#0	16QAM	9.67	13	PASS
Band38	10	37800	1	#0	QPSK	8.19	13	PASS
Band38	10	37800	1	#0	16QAM	9.64	13	PASS
Band38	10	38000	1	#0	QPSK	9.40	13	PASS
Band38	10	38000	1	#0	16QAM	9.21	13	PASS



Report

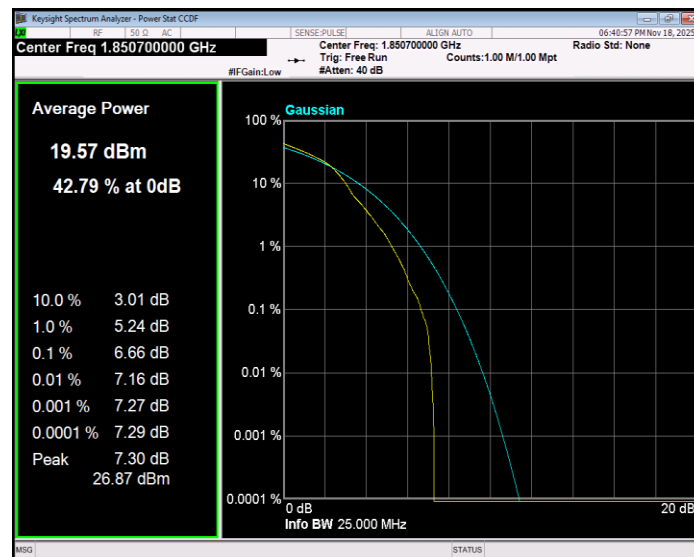
Band38	10	38200	1	#0	QPSK	7.61	13	PASS
Band38	10	38200	1	#0	16QAM	9.85	13	PASS
Band38	15	37825	1	#0	QPSK	9.21	13	PASS
Band38	15	37825	1	#0	16QAM	9.89	13	PASS
Band38	15	38000	1	#0	QPSK	9.74	13	PASS
Band38	15	38000	1	#0	16QAM	10.02	13	PASS
Band38	15	38175	1	#0	QPSK	8.82	13	PASS
Band38	15	38175	1	#0	16QAM	9.95	13	PASS
Band38	20	37850	1	#0	QPSK	9.01	13	PASS
Band38	20	37850	1	#0	16QAM	9.65	13	PASS
Band38	20	38000	1	#0	QPSK	8.24	13	PASS
Band38	20	38000	1	#0	16QAM	9.57	13	PASS
Band38	20	38150	1	#0	QPSK	10.30	13	PASS
Band38	20	38150	1	#0	16QAM	8.07	13	PASS
Band40(2305-2315)	5	38725	1	#0	QPSK	9.38	13	PASS
Band40(2305-2315)	5	38725	1	#0	16QAM	8.35	13	PASS
Band40(2305-2315)	5	38750	1	#0	QPSK	9.36	13	PASS
Band40(2305-2315)	5	38750	1	#0	16QAM	9.19	13	PASS
Band40(2305-2315)	5	38775	1	#0	QPSK	9.71	13	PASS
Band40(2305-2315)	5	38775	1	#0	16QAM	9.77	13	PASS
Band40(2305-2315)	10	38750	1	#0	QPSK	9.71	13	PASS
Band40(2305-2315)	10	38750	1	#0	16QAM	10.36	13	PASS
Band40(2350-2360)	5	39175	1	#0	QPSK	8.15	13	PASS
Band40(2350-2360)	5	39175	1	#0	16QAM	9.60	13	PASS
Band40(2350-2360)	5	39200	1	#0	QPSK	9.18	13	PASS
Band40(2350-2360)	5	39200	1	#0	16QAM	11.13	13	PASS
Band40(2350-2360)	5	39225	1	#0	QPSK	9.05	13	PASS
Band40(2350-2360)	5	39225	1	#0	16QAM	10.39	13	PASS
Band40(2350-2360)	10	39200	1	#0	QPSK	11.42	13	PASS
Band40(2350-2360)	10	39200	1	#0	16QAM	9.61	13	PASS
Band66	1.4	131979	1	#0	QPSK	5.90	13	PASS
Band66	1.4	131979	1	#0	16QAM	7.20	13	PASS
Band66	1.4	132322	1	#0	QPSK	5.70	13	PASS
Band66	1.4	132322	1	#0	16QAM	6.12	13	PASS
Band66	1.4	132665	1	#0	QPSK	5.80	13	PASS
Band66	1.4	132665	1	#0	16QAM	6.68	13	PASS
Band66	3	131987	1	#0	QPSK	5.82	13	PASS
Band66	3	131987	1	#0	16QAM	6.44	13	PASS
Band66	3	132322	1	#0	QPSK	5.77	13	PASS
Band66	3	132322	1	#0	16QAM	6.69	13	PASS
Band66	3	132657	1	#0	QPSK	5.95	13	PASS
Band66	3	132657	1	#0	16QAM	6.93	13	PASS
Band66	5	131997	1	#0	QPSK	5.95	13	PASS
Band66	5	131997	1	#0	16QAM	6.40	13	PASS



Report

Band66	5	132322	1	#0	QPSK	5.84	13	PASS
Band66	5	132322	1	#0	16QAM	6.38	13	PASS
Band66	5	132647	1	#0	QPSK	6.48	13	PASS
Band66	5	132647	1	#0	16QAM	6.61	13	PASS
Band66	10	132022	1	#0	QPSK	5.98	13	PASS
Band66	10	132022	1	#0	16QAM	7.03	13	PASS
Band66	10	132322	1	#0	QPSK	5.68	13	PASS
Band66	10	132322	1	#0	16QAM	6.75	13	PASS
Band66	10	132622	1	#0	QPSK	5.93	13	PASS
Band66	10	132622	1	#0	16QAM	6.46	13	PASS
Band66	15	132047	1	#0	QPSK	5.97	13	PASS
Band66	15	132047	1	#0	16QAM	6.95	13	PASS
Band66	15	132322	1	#0	QPSK	5.89	13	PASS
Band66	15	132322	1	#0	16QAM	6.74	13	PASS
Band66	15	132597	1	#0	QPSK	6.13	13	PASS
Band66	15	132597	1	#0	16QAM	6.66	13	PASS
Band66	20	132072	1	#0	QPSK	5.91	13	PASS
Band66	20	132072	1	#0	16QAM	6.34	13	PASS
Band66	20	132322	1	#0	QPSK	6.05	13	PASS
Band66	20	132322	1	#0	16QAM	6.81	13	PASS
Band66	20	132572	1	#0	QPSK	5.76	13	PASS
Band66	20	132572	1	#0	16QAM	6.65	13	PASS

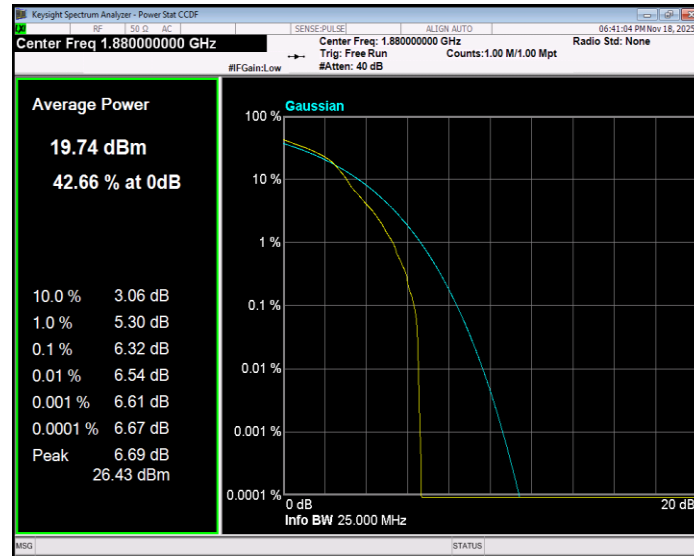
Band2 16QAM BW=1.4MHz Channel=18607 RB Size=1 Position=#0



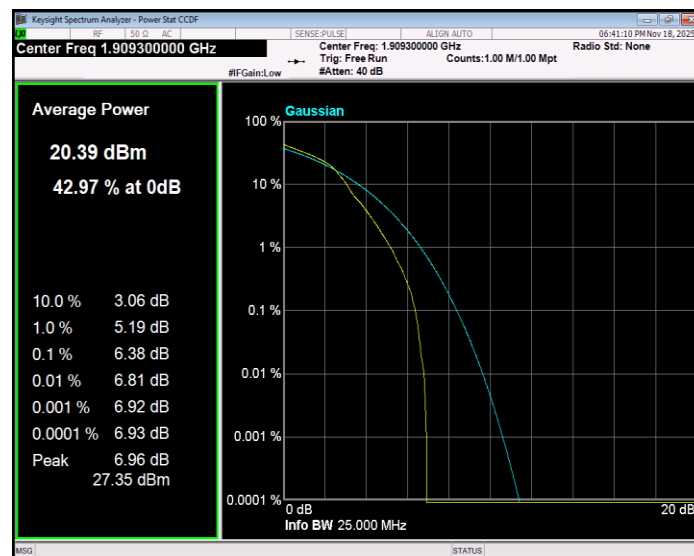
Band2 16QAM BW=1.4MHz Channel=18900 RB Size=1 Position=#0



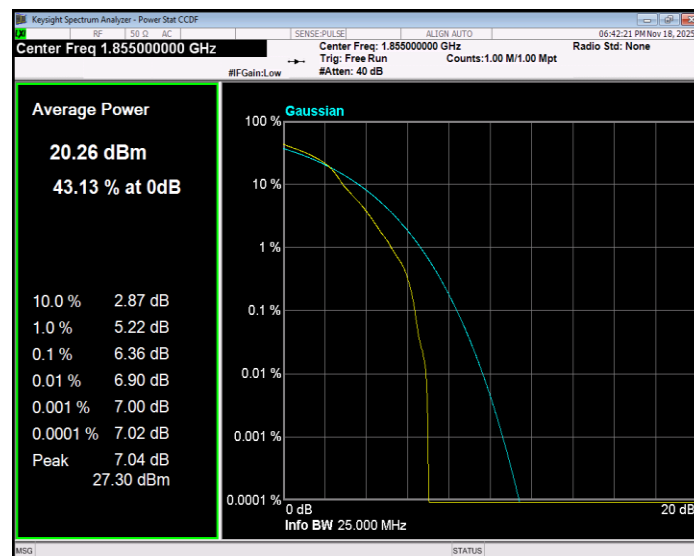
Report



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



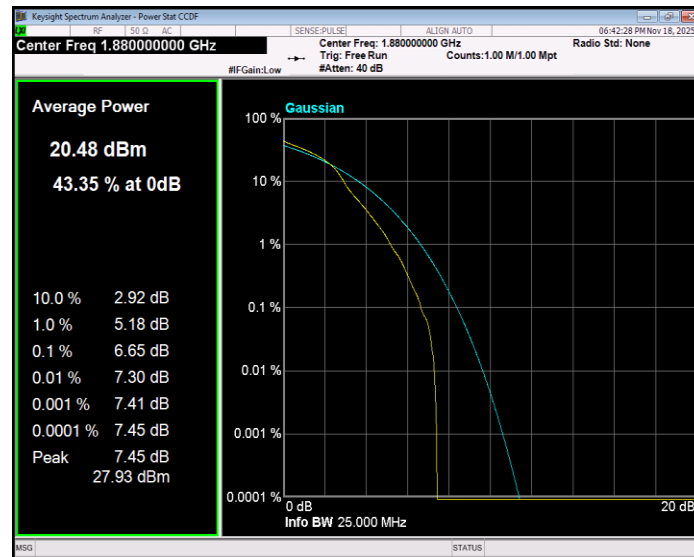
Band2 16QAM BW=10MHz Channel=18650 RB Size=1 Position=#0



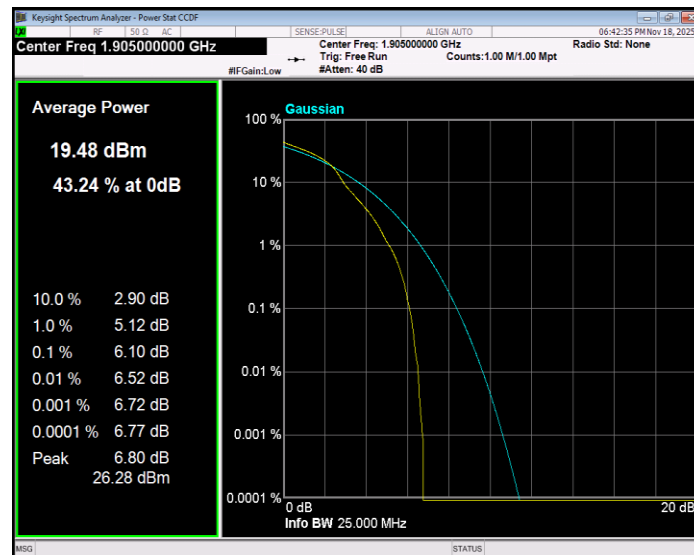


Report

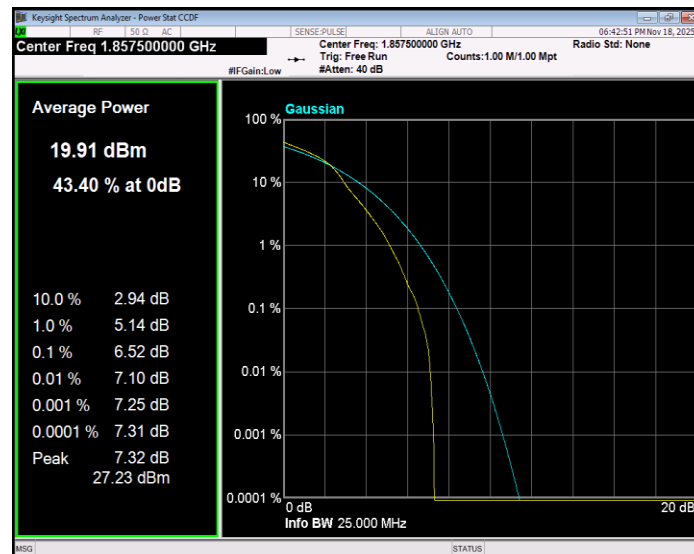
Band2 16QAM BW=10MHz Channel=18900 RB Size=1 Position=#0



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



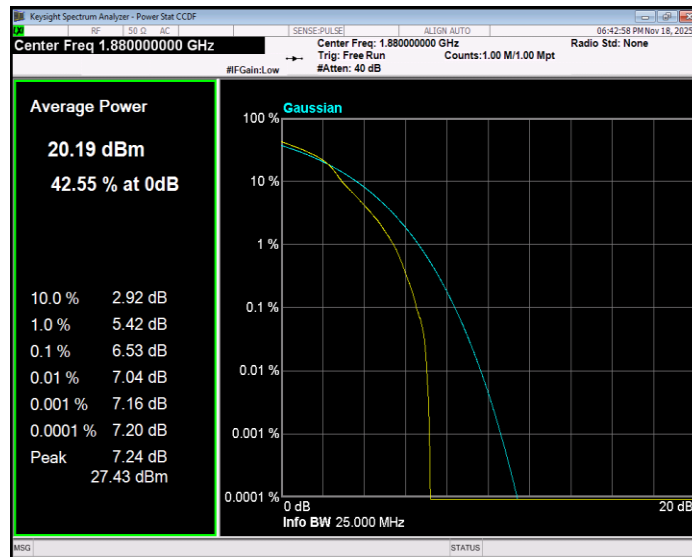
Band2 16QAM BW=15MHz Channel=18675 RB Size=1 Position=#0



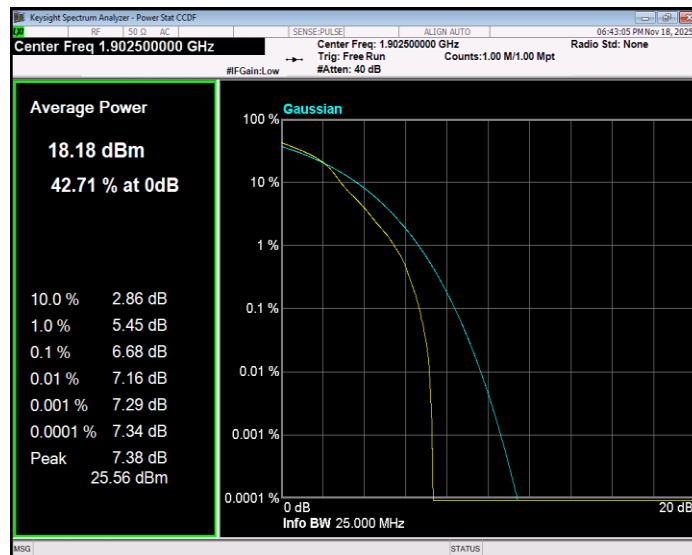


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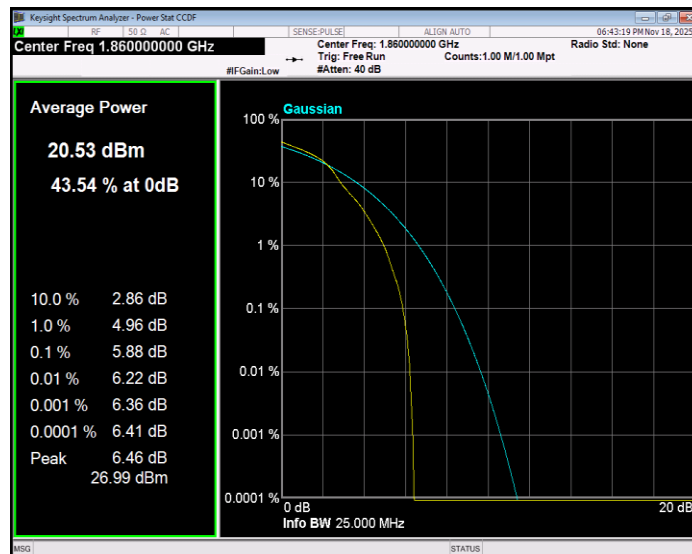
Band2 16QAM BW=15MHz Channel=18900 RB Size=1 Position=#0



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



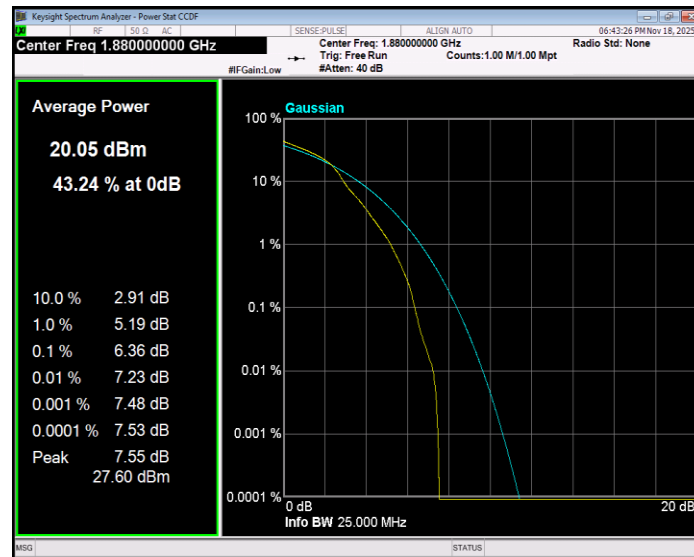
Band2 16QAM BW=20MHz Channel=18700 RB Size=1 Position=#0



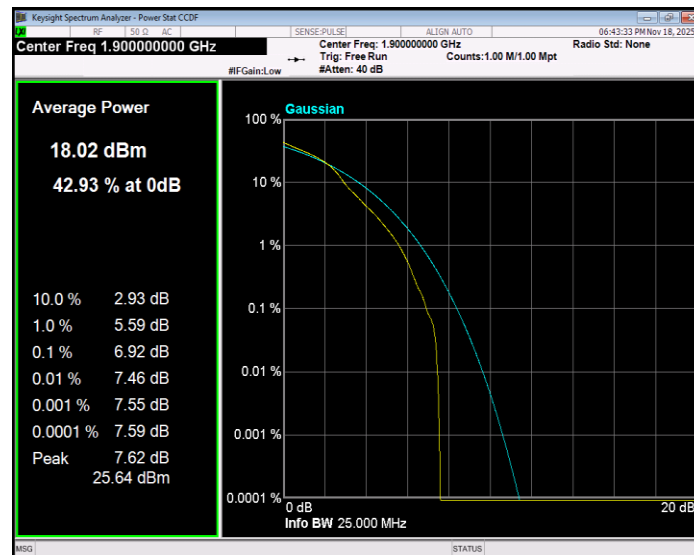


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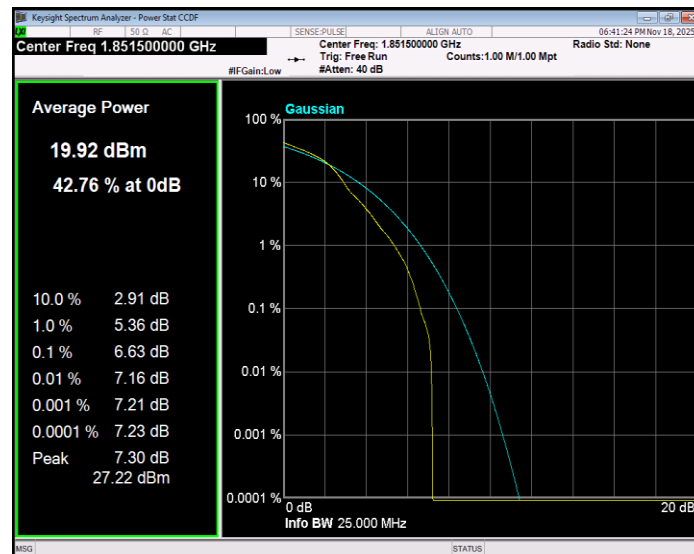
Band2 16QAM BW=20MHz Channel=18900 RB Size=1 Position=#0



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



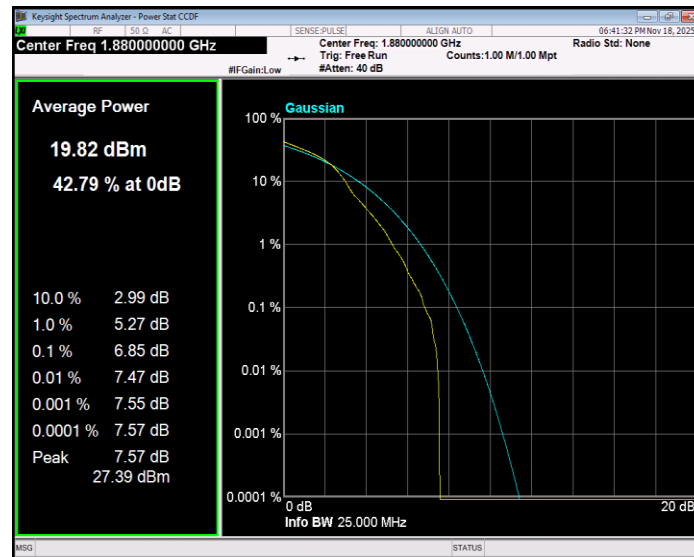
Band2 16QAM BW=3MHz Channel=18615 RB Size=1 Position=#0



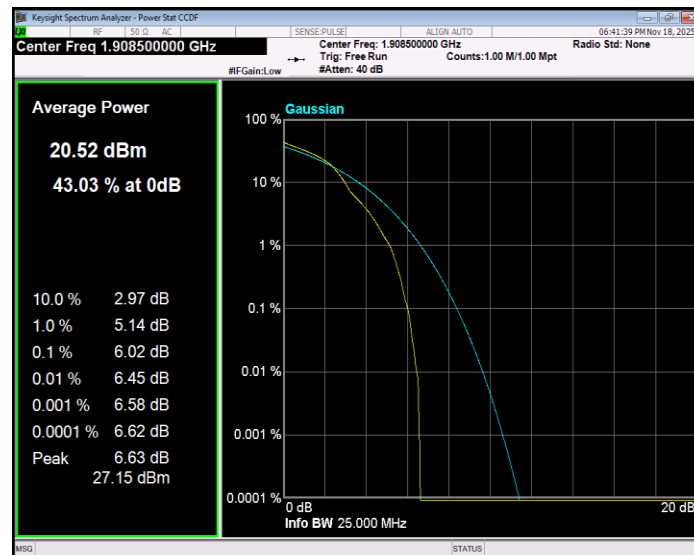


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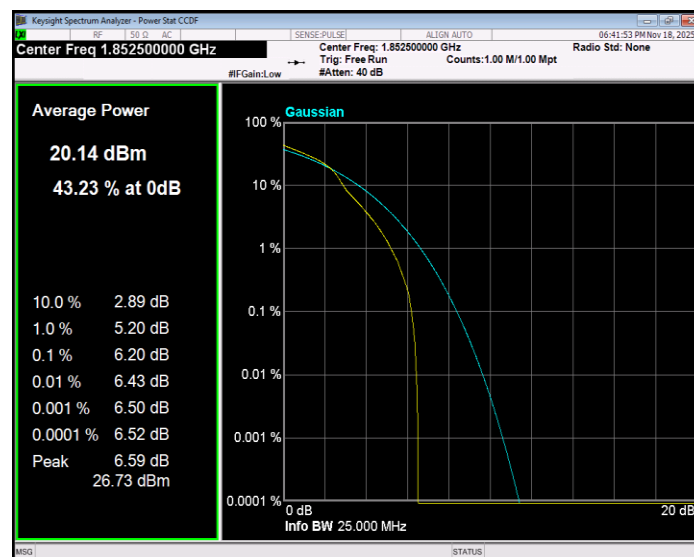
Band2 16QAM BW=3MHz Channel=18900 RB Size=1 Position=#0



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



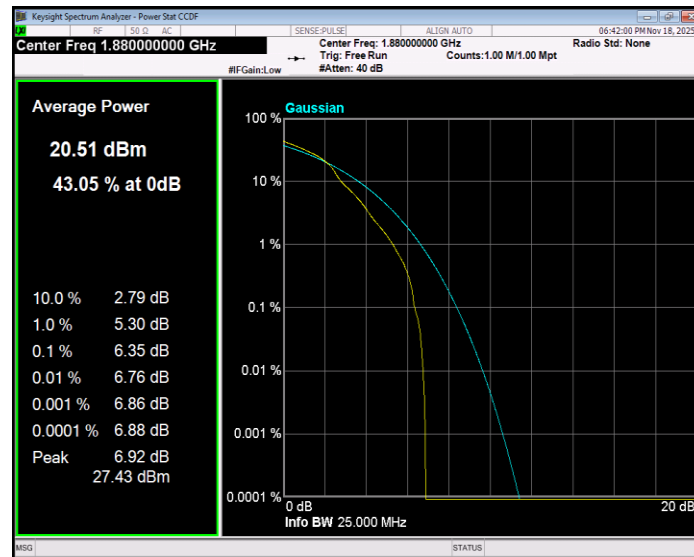
Band2 16QAM BW=5MHz Channel=18625 RB Size=1 Position=#0



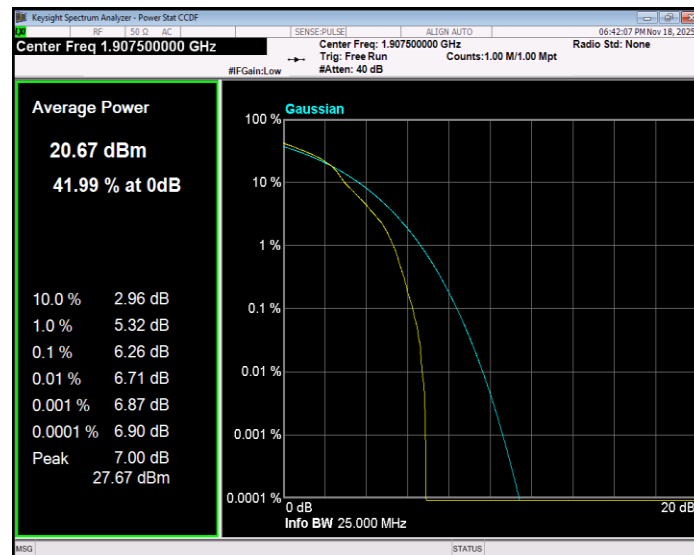


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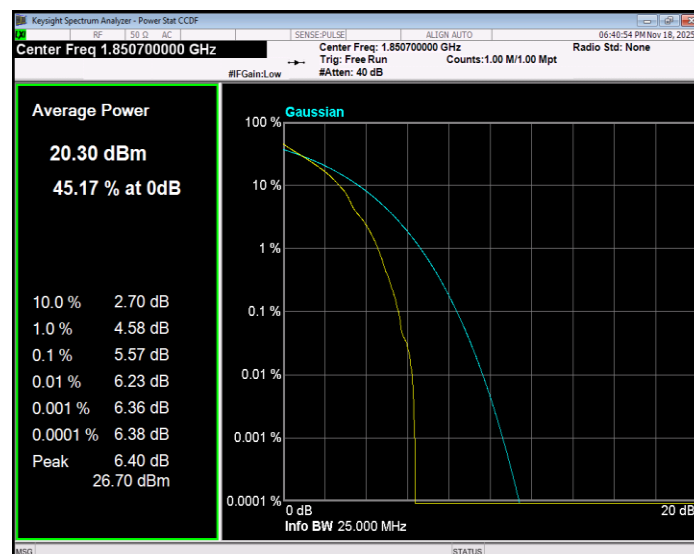
Band2 16QAM BW=5MHz Channel=18900 RB Size=1 Position=#0



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



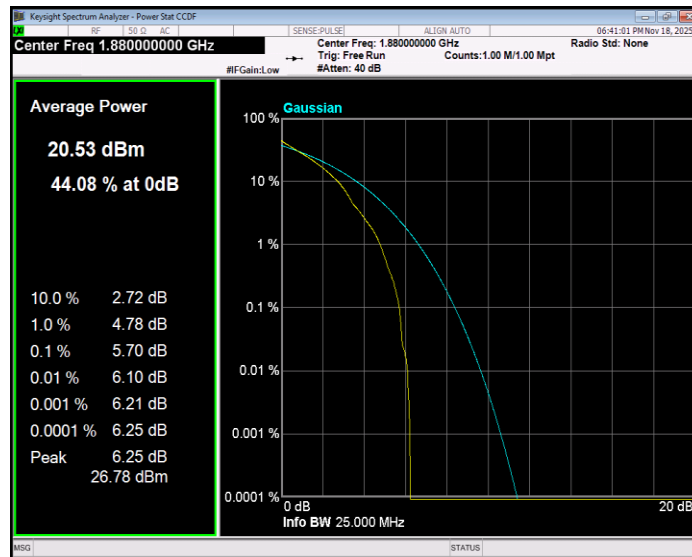
Band2 QPSK BW=1.4MHz Channel=18607 RB Size=1 Position=#0



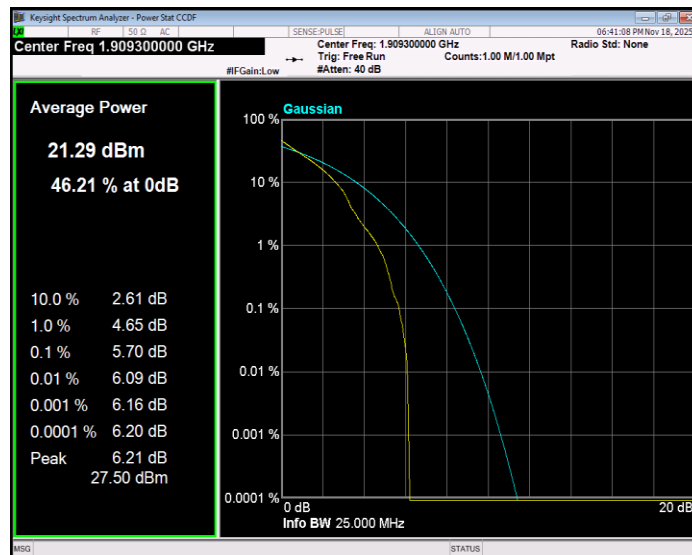


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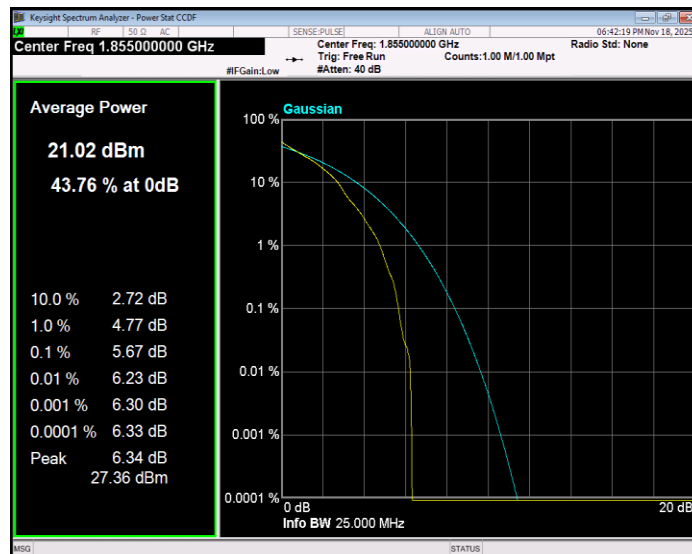
Band2 QPSK BW=1.4MHz Channel=18900 RB Size=1 Position=#0



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



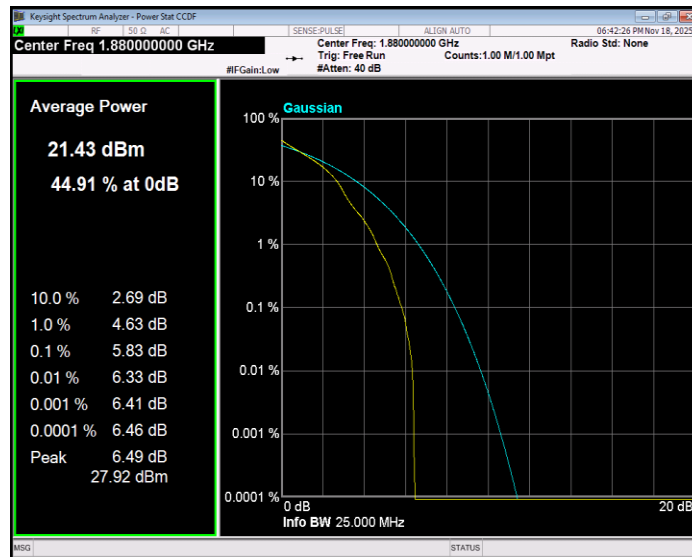
Band2 QPSK BW=10MHz Channel=18650 RB Size=1 Position=#0



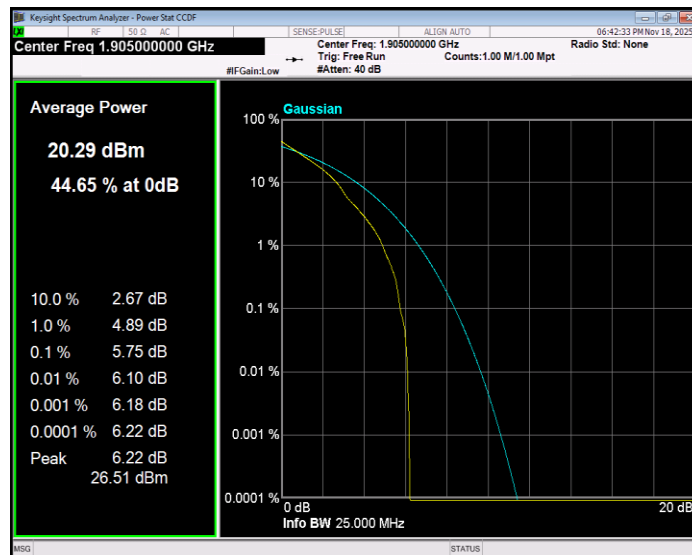


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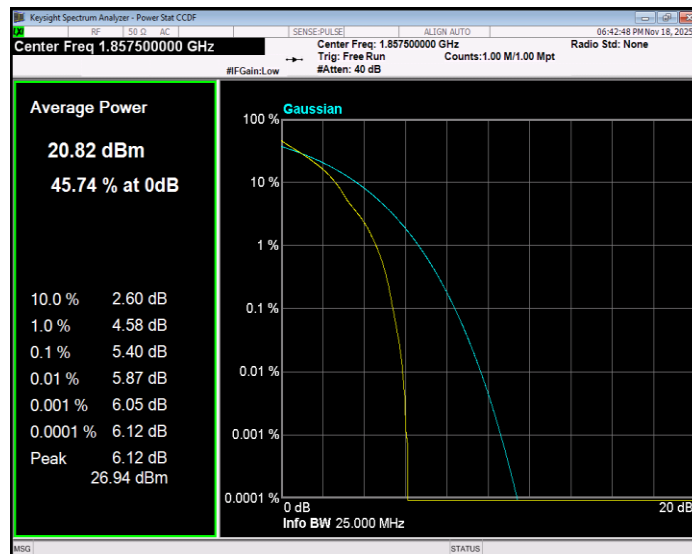
Band2 QPSK BW=10MHz Channel=18900 RB Size=1 Position=#0



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



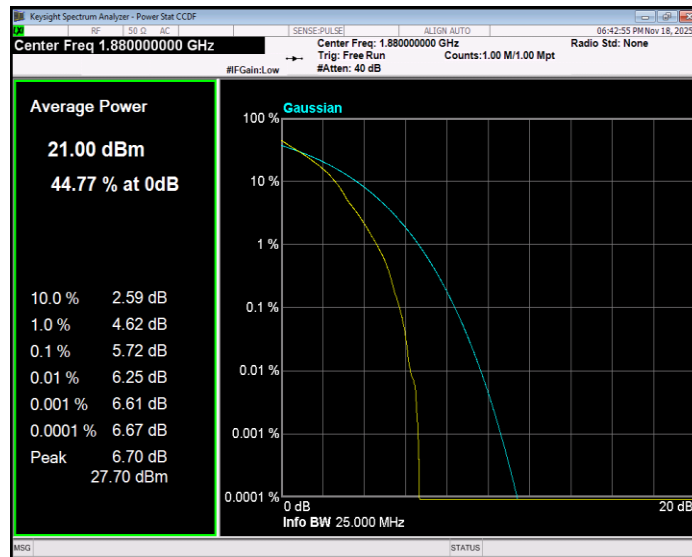
Band2 QPSK BW=15MHz Channel=18675 RB Size=1 Position=#0



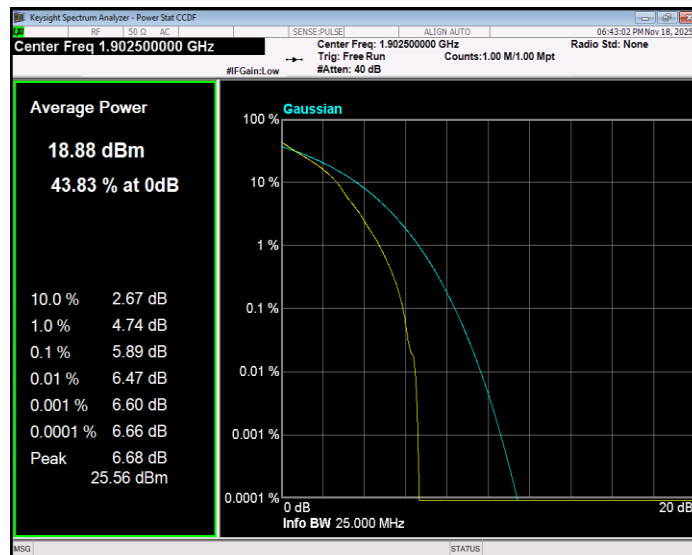


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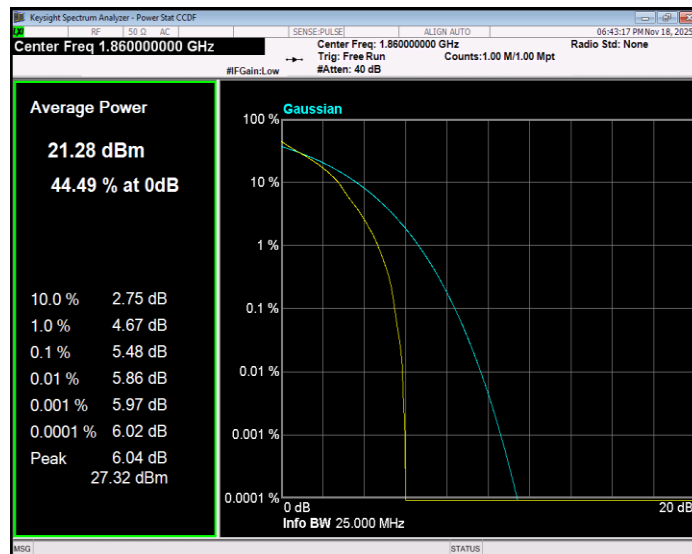
Band2 QPSK BW=15MHz Channel=18900 RB Size=1 Position=#0



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



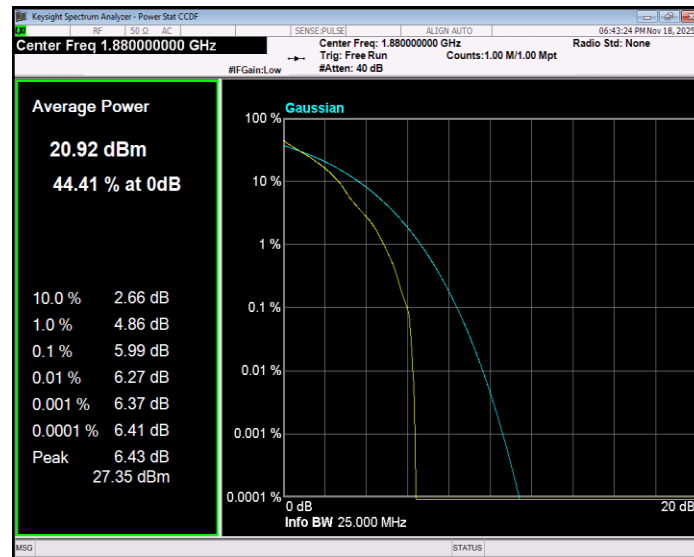
Band2 QPSK BW=20MHz Channel=18700 RB Size=1 Position=#0



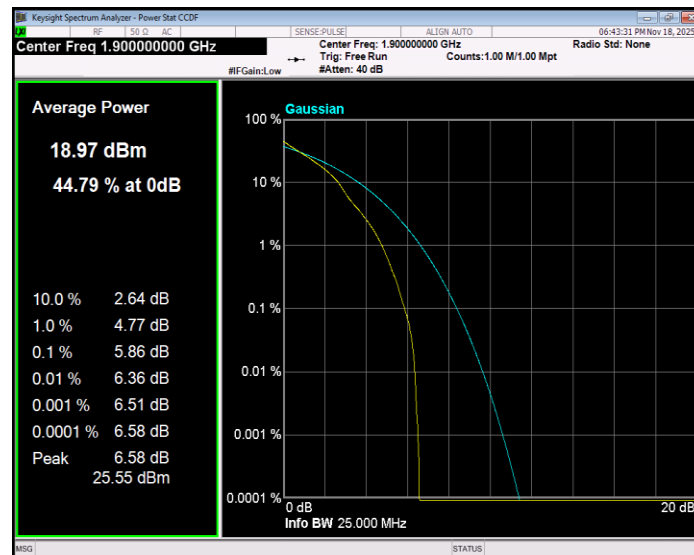


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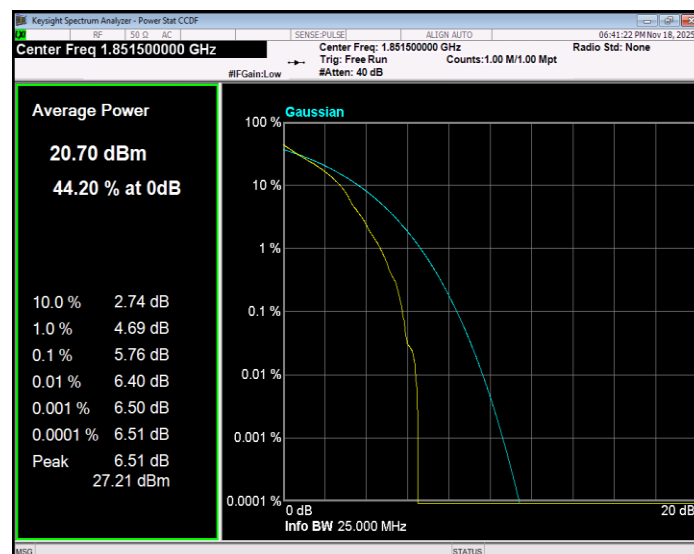
Band2 QPSK BW=20MHz Channel=18900 RB Size=1 Position=#0



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



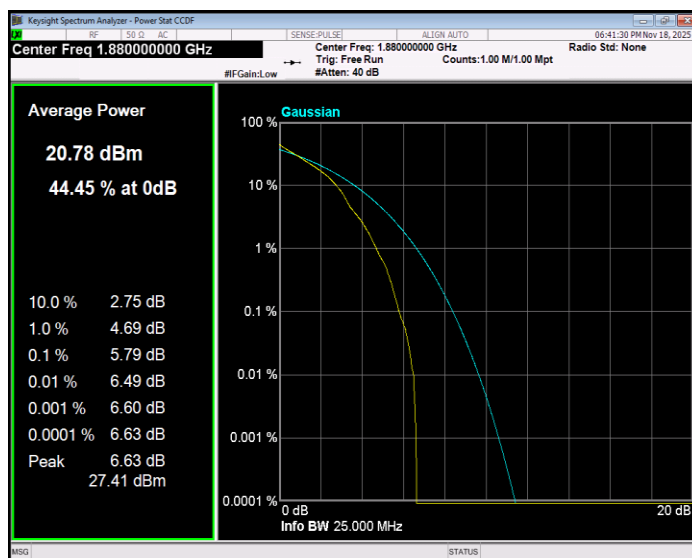
Band2 QPSK BW=3MHz Channel=18615 RB Size=1 Position=#0



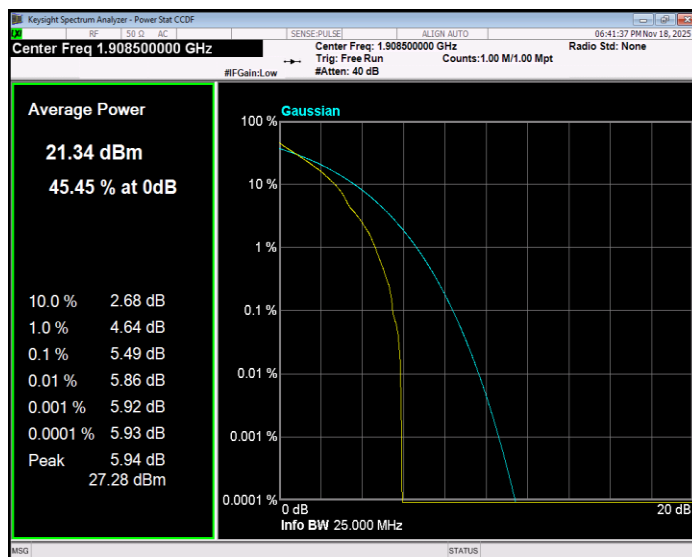


Report

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



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



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

