

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP Limit (dBm)	Verdict
Band7	5	20775	1	#0	QPSK	20.35	1	21.35	33.01	PASS
Band7	5	20775	1	#Mid	QPSK	20.81	1	21.81	33.01	PASS
Band7	5	20775	1	#Max	QPSK	20.37	1	21.37	33.01	PASS
Band7	5	20775	12	#0	QPSK	19.38	1	20.38	33.01	PASS
Band7	5	20775	12	#Mid	QPSK	19.49	1	20.49	33.01	PASS
Band7	5	20775	12	#Max	QPSK	19.43	1	20.43	33.01	PASS
Band7	5	20775	25	#0	QPSK	19.43	1	20.43	33.01	PASS
Band7	5	20775	1	#0	16QAM	19.85	1	20.85	33.01	PASS
Band7	5	20775	1	#Mid	16QAM	20.17	1	21.17	33.01	PASS
Band7	5	20775	1	#Max	16QAM	19.90	1	20.90	33.01	PASS
Band7	5	20775	12	#0	16QAM	18.38	1	19.38	33.01	PASS
Band7	5	20775	12	#Mid	16QAM	18.49	1	19.49	33.01	PASS
Band7	5	20775	12	#Max	16QAM	18.44	1	19.44	33.01	PASS
Band7	5	20775	25	#0	16QAM	18.35	1	19.35	33.01	PASS
Band7	5	21100	1	#0	QPSK	20.62	1	21.62	33.01	PASS
Band7	5	21100	1	#Mid	QPSK	21.14	1	22.14	33.01	PASS
Band7	5	21100	1	#Max	QPSK	20.57	1	21.57	33.01	PASS
Band7	5	21100	12	#0	QPSK	19.68	1	20.68	33.01	PASS
Band7	5	21100	12	#Mid	QPSK	19.74	1	20.74	33.01	PASS
Band7	5	21100	12	#Max	QPSK	19.62	1	20.62	33.01	PASS
Band7	5	21100	25	#0	QPSK	19.66	1	20.66	33.01	PASS
Band7	5	21100	1	#0	16QAM	19.89	1	20.89	33.01	PASS
Band7	5	21100	1	#Mid	16QAM	20.19	1	21.19	33.01	PASS
Band7	5	21100	1	#Max	16QAM	19.87	1	20.87	33.01	PASS
Band7	5	21100	12	#0	16QAM	18.62	1	19.62	33.01	PASS
Band7	5	21100	12	#Mid	16QAM	18.67	1	19.67	33.01	PASS
Band7	5	21100	12	#Max	16QAM	18.59	1	19.59	33.01	PASS
Band7	5	21100	25	#0	16QAM	18.61	1	19.61	33.01	PASS
Band7	5	21425	1	#0	QPSK	20.45	1	21.45	33.01	PASS
Band7	5	21425	1	#Mid	QPSK	20.92	1	21.92	33.01	PASS
Band7	5	21425	1	#Max	QPSK	20.49	1	21.49	33.01	PASS
Band7	5	21425	12	#0	QPSK	19.64	1	20.64	33.01	PASS
Band7	5	21425	12	#Mid	QPSK	19.64	1	20.64	33.01	PASS
Band7	5	21425	12	#Max	QPSK	19.58	1	20.58	33.01	PASS
Band7	5	21425	25	#0	QPSK	19.58	1	20.58	33.01	PASS
Band7	5	21425	1	#0	16QAM	19.76	1	20.76	33.01	PASS
Band7	5	21425	1	#Mid	16QAM	20.25	1	21.25	33.01	PASS
Band7	5	21425	1	#Max	16QAM	19.80	1	20.80	33.01	PASS
Band7	5	21425	12	#0	16QAM	18.66	1	19.66	33.01	PASS
Band7	5	21425	12	#Mid	16QAM	18.65	1	19.65	33.01	PASS
Band7	5	21425	12	#Max	16QAM	18.54	1	19.54	33.01	PASS
Band7	5	21425	25	#0	16QAM	18.51	1	19.51	33.01	PASS
Band7	10	20800	1	#0	QPSK	20.43	1	21.43	33.01	PASS
Band7	10	20800	1	#Mid	QPSK	20.59	1	21.59	33.01	PASS
Band7	10	20800	1	#Max	QPSK	20.50	1	21.50	33.01	PASS
Band7	10	20800	25	#0	QPSK	19.48	1	20.48	33.01	PASS
Band7	10	20800	25	#Mid	QPSK	19.52	1	20.52	33.01	PASS
Band7	10	20800	25	#Max	QPSK	19.59	1	20.59	33.01	PASS
Band7	10	20800	50	#0	QPSK	19.52	1	20.52	33.01	PASS
Band7	10	20800	1	#0	16QAM	19.59	1	20.59	33.01	PASS
Band7	10	20800	1	#Mid	16QAM	19.75	1	20.75	33.01	PASS
Band7	10	20800	1	#Max	16QAM	19.68	1	20.68	33.01	PASS
Band7	10	20800	25	#0	16QAM	18.36	1	19.36	33.01	PASS
Band7	10	20800	25	#Mid	16QAM	18.48	1	19.48	33.01	PASS
Band7	10	20800	25	#Max	16QAM	18.57	1	19.57	33.01	PASS
Band7	10	20800	50	#0	16QAM	18.47	1	19.47	33.01	PASS
Band7	10	21100	1	#0	QPSK	20.81	1	21.81	33.01	PASS
Band7	10	21100	1	#Mid	QPSK	20.89	1	21.89	33.01	PASS
Band7	10	21100	1	#Max	QPSK	20.68	1	21.68	33.01	PASS
Band7	10	21100	25	#0	QPSK	19.79	1	20.79	33.01	PASS
Band7	10	21100	25	#Mid	QPSK	19.72	1	20.72	33.01	PASS
Band7	10	21100	25	#Max	QPSK	19.66	1	20.66	33.01	PASS
Band7	10	21100	50	#0	QPSK	19.69	1	20.69	33.01	PASS
Band7	10	21100	1	#0	16QAM	19.59	1	20.59	33.01	PASS
Band7	10	21100	1	#Mid	16QAM	19.68	1	20.68	33.01	PASS
Band7	10	21100	1	#Max	16QAM	19.48	1	20.48	33.01	PASS
Band7	10	21100	25	#0	16QAM	18.76	1	19.76	33.01	PASS
Band7	10	21100	25	#Mid	16QAM	18.67	1	19.67	33.01	PASS
Band7	10	21100	25	#Max	16QAM	18.62	1	19.62	33.01	PASS
Band7	10	21100	50	#0	16QAM	18.63	1	19.63	33.01	PASS
Band7	10	21400	1	#0	QPSK	20.53	1	21.53	33.01	PASS
Band7	10	21400	1	#Mid	QPSK	20.72	1	21.72	33.01	PASS
Band7	10	21400	1	#Max	QPSK	20.57	1	21.57	33.01	PASS
Band7	10	21400	25	#0	QPSK	19.71	1	20.71	33.01	PASS
Band7	10	21400	25	#Mid	QPSK	19.65	1	20.65	33.01	PASS

Band7	10	21400	25	#Max	QPSK	19.58	1	20.58	33.01	PASS
Band7	10	21400	50	#0	QPSK	19.59	1	20.59	33.01	PASS
Band7	10	21400	1	#0	16QAM	19.92	1	20.92	33.01	PASS
Band7	10	21400	1	#Mid	16QAM	20.07	1	21.07	33.01	PASS
Band7	10	21400	1	#Max	16QAM	19.93	1	20.93	33.01	PASS
Band7	10	21400	25	#0	16QAM	18.63	1	19.63	33.01	PASS
Band7	10	21400	25	#Mid	16QAM	18.60	1	19.60	33.01	PASS
Band7	10	21400	25	#Max	16QAM	18.52	1	19.52	33.01	PASS
Band7	10	21400	50	#0	16QAM	18.59	1	19.59	33.01	PASS
Band7	15	20825	1	#0	QPSK	20.39	1	21.39	33.01	PASS
Band7	15	20825	1	#Mid	QPSK	20.72	1	21.72	33.01	PASS
Band7	15	20825	1	#Max	QPSK	20.57	1	21.57	33.01	PASS
Band7	15	20825	36	#0	QPSK	19.47	1	20.47	33.01	PASS
Band7	15	20825	36	#Mid	QPSK	19.57	1	20.57	33.01	PASS
Band7	15	20825	36	#Max	QPSK	19.65	1	20.65	33.01	PASS
Band7	15	20825	75	#0	QPSK	19.59	1	20.59	33.01	PASS
Band7	15	20825	1	#0	16QAM	19.50	1	20.50	33.01	PASS
Band7	15	20825	1	#Mid	16QAM	19.83	1	20.83	33.01	PASS
Band7	15	20825	1	#Max	16QAM	19.52	1	20.52	33.01	PASS
Band7	15	20825	36	#0	16QAM	18.42	1	19.42	33.01	PASS
Band7	15	20825	36	#Mid	16QAM	18.49	1	19.49	33.01	PASS
Band7	15	20825	36	#Max	16QAM	18.57	1	19.57	33.01	PASS
Band7	15	20825	75	#0	16QAM	18.56	1	19.56	33.01	PASS
Band7	15	21100	1	#0	QPSK	20.63	1	21.63	33.01	PASS
Band7	15	21100	1	#Mid	QPSK	20.83	1	21.83	33.01	PASS
Band7	15	21100	1	#Max	QPSK	20.43	1	21.43	33.01	PASS
Band7	15	21100	36	#0	QPSK	19.84	1	20.84	33.01	PASS
Band7	15	21100	36	#Mid	QPSK	19.78	1	20.78	33.01	PASS
Band7	15	21100	36	#Max	QPSK	19.70	1	20.70	33.01	PASS
Band7	15	21100	75	#0	QPSK	19.75	1	20.75	33.01	PASS
Band7	15	21100	1	#0	16QAM	20.05	1	21.05	33.01	PASS
Band7	15	21100	1	#Mid	16QAM	20.29	1	21.29	33.01	PASS
Band7	15	21100	1	#Max	16QAM	19.86	1	20.86	33.01	PASS
Band7	15	21100	36	#0	16QAM	18.82	1	19.82	33.01	PASS
Band7	15	21100	36	#Mid	16QAM	18.77	1	19.77	33.01	PASS
Band7	15	21100	36	#Max	16QAM	18.63	1	19.63	33.01	PASS
Band7	15	21100	75	#0	16QAM	18.65	1	19.65	33.01	PASS
Band7	15	21375	1	#0	QPSK	20.42	1	21.42	33.01	PASS
Band7	15	21375	1	#Mid	QPSK	20.72	1	21.72	33.01	PASS
Band7	15	21375	1	#Max	QPSK	20.53	1	21.53	33.01	PASS
Band7	15	21375	36	#0	QPSK	19.67	1	20.67	33.01	PASS
Band7	15	21375	36	#Mid	QPSK	19.63	1	20.63	33.01	PASS
Band7	15	21375	36	#Max	QPSK	19.61	1	20.61	33.01	PASS
Band7	15	21375	75	#0	QPSK	19.55	1	20.55	33.01	PASS
Band7	15	21375	1	#0	16QAM	19.57	1	20.57	33.01	PASS
Band7	15	21375	1	#Mid	16QAM	19.97	1	20.97	33.01	PASS
Band7	15	21375	1	#Max	16QAM	19.66	1	20.66	33.01	PASS
Band7	15	21375	36	#0	16QAM	18.64	1	19.64	33.01	PASS
Band7	15	21375	36	#Mid	16QAM	18.66	1	19.66	33.01	PASS
Band7	15	21375	36	#Max	16QAM	18.55	1	19.55	33.01	PASS
Band7	15	21375	75	#0	16QAM	18.46	1	19.46	33.01	PASS
Band7	20	20850	1	#0	QPSK	20.17	1	21.17	33.01	PASS
Band7	20	20850	1	#Mid	QPSK	20.58	1	21.58	33.01	PASS
Band7	20	20850	1	#Max	QPSK	20.42	1	21.42	33.01	PASS
Band7	20	20850	50	#0	QPSK	19.39	1	20.39	33.01	PASS
Band7	20	20850	50	#Mid	QPSK	19.58	1	20.58	33.01	PASS
Band7	20	20850	50	#Max	QPSK	19.72	1	20.72	33.01	PASS
Band7	20	20850	100	#0	QPSK	19.55	1	20.55	33.01	PASS
Band7	20	20850	1	#0	16QAM	19.39	1	20.39	33.01	PASS
Band7	20	20850	1	#Mid	16QAM	19.82	1	20.82	33.01	PASS
Band7	20	20850	1	#Max	16QAM	19.70	1	20.70	33.01	PASS
Band7	20	20850	50	#0	16QAM	18.37	1	19.37	33.01	PASS
Band7	20	20850	50	#Mid	16QAM	18.55	1	19.55	33.01	PASS
Band7	20	20850	50	#Max	16QAM	18.71	1	19.71	33.01	PASS
Band7	20	20850	100	#0	16QAM	18.60	1	19.60	33.01	PASS
Band7	20	21100	1	#0	QPSK	20.54	1	21.54	33.01	PASS
Band7	20	21100	1	#Mid	QPSK	20.74	1	21.74	33.01	PASS
Band7	20	21100	1	#Max	QPSK	20.30	1	21.30	33.01	PASS
Band7	20	21100	50	#0	QPSK	19.82	1	20.82	33.01	PASS
Band7	20	21100	50	#Mid	QPSK	19.74	1	20.74	33.01	PASS
Band7	20	21100	50	#Max	QPSK	19.64	1	20.64	33.01	PASS
Band7	20	21100	100	#0	QPSK	19.70	1	20.70	33.01	PASS
Band7	20	21100	1	#0	16QAM	19.83	1	20.83	33.01	PASS
Band7	20	21100	1	#Mid	16QAM	20.03	1	21.03	33.01	PASS
Band7	20	21100	1	#Max	16QAM	19.55	1	20.55	33.01	PASS
Band7	20	21100	50	#0	16QAM	18.82	1	19.82	33.01	PASS
Band7	20	21100	50	#Mid	16QAM	18.73	1	19.73	33.01	PASS

Band7	20	21100	50	#Max	16QAM	18.65	1	19.65	33.01	PASS
Band7	20	21100	100	#0	16QAM	18.66	1	19.66	33.01	PASS
Band7	20	21350	1	#0	QPSK	20.25	1	21.25	33.01	PASS
Band7	20	21350	1	#Mid	QPSK	20.72	1	21.72	33.01	PASS
Band7	20	21350	1	#Max	QPSK	20.42	1	21.42	33.01	PASS
Band7	20	21350	50	#0	QPSK	19.46	1	20.46	33.01	PASS
Band7	20	21350	50	#Mid	QPSK	19.55	1	20.55	33.01	PASS
Band7	20	21350	50	#Max	QPSK	19.45	1	20.45	33.01	PASS
Band7	20	21350	100	#0	QPSK	19.41	1	20.41	33.01	PASS
Band7	20	21350	1	#0	16QAM	19.44	1	20.44	33.01	PASS
Band7	20	21350	1	#Mid	16QAM	19.86	1	20.86	33.01	PASS
Band7	20	21350	1	#Max	16QAM	19.58	1	20.58	33.01	PASS
Band7	20	21350	50	#0	16QAM	18.36	1	19.36	33.01	PASS
Band7	20	21350	50	#Mid	16QAM	18.47	1	19.47	33.01	PASS
Band7	20	21350	50	#Max	16QAM	18.37	1	19.37	33.01	PASS
Band7	20	21350	100	#0	16QAM	18.35	1	19.35	33.01	PASS

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	21.25	1	20.10	34.77	PASS
Band12	1.4	23017	1	#Mid	QPSK	21.42	1	20.27	34.77	PASS
Band12	1.4	23017	1	#Max	QPSK	21.29	1	20.14	34.77	PASS
Band12	1.4	23017	3	#0	QPSK	21.37	1	20.22	34.77	PASS
Band12	1.4	23017	3	#Mid	QPSK	21.37	1	20.22	34.77	PASS
Band12	1.4	23017	3	#Max	QPSK	21.33	1	20.18	34.77	PASS
Band12	1.4	23017	6	#0	QPSK	20.28	1	19.13	34.77	PASS
Band12	1.4	23017	1	#0	16QAM	20.55	1	19.40	34.77	PASS
Band12	1.4	23017	1	#Mid	16QAM	20.66	1	19.51	34.77	PASS
Band12	1.4	23017	1	#Max	16QAM	20.55	1	19.40	34.77	PASS
Band12	1.4	23017	3	#0	16QAM	20.70	1	19.55	34.77	PASS
Band12	1.4	23017	3	#Mid	16QAM	20.71	1	19.56	34.77	PASS
Band12	1.4	23017	3	#Max	16QAM	20.69	1	19.54	34.77	PASS
Band12	1.4	23017	6	#0	16QAM	19.46	1	18.31	34.77	PASS
Band12	1.4	23095	1	#0	QPSK	21.19	1	20.04	34.77	PASS
Band12	1.4	23095	1	#Mid	QPSK	21.35	1	20.20	34.77	PASS
Band12	1.4	23095	1	#Max	QPSK	21.21	1	20.06	34.77	PASS
Band12	1.4	23095	3	#0	QPSK	21.28	1	20.13	34.77	PASS
Band12	1.4	23095	3	#Mid	QPSK	21.29	1	20.14	34.77	PASS
Band12	1.4	23095	3	#Max	QPSK	21.25	1	20.10	34.77	PASS
Band12	1.4	23095	6	#0	QPSK	20.20	1	19.05	34.77	PASS
Band12	1.4	23095	1	#0	16QAM	20.14	1	18.99	34.77	PASS
Band12	1.4	23095	1	#Mid	16QAM	20.28	1	19.13	34.77	PASS
Band12	1.4	23095	1	#Max	16QAM	20.11	1	18.96	34.77	PASS
Band12	1.4	23095	3	#0	16QAM	20.51	1	19.36	34.77	PASS
Band12	1.4	23095	3	#Mid	16QAM	20.52	1	19.37	34.77	PASS
Band12	1.4	23095	3	#Max	16QAM	20.54	1	19.39	34.77	PASS
Band12	1.4	23095	6	#0	16QAM	19.42	1	18.27	34.77	PASS
Band12	1.4	23173	1	#0	QPSK	21.05	1	19.90	34.77	PASS
Band12	1.4	23173	1	#Mid	QPSK	21.22	1	20.07	34.77	PASS
Band12	1.4	23173	1	#Max	QPSK	21.05	1	19.90	34.77	PASS
Band12	1.4	23173	3	#0	QPSK	21.06	1	19.91	34.77	PASS
Band12	1.4	23173	3	#Mid	QPSK	21.05	1	19.90	34.77	PASS
Band12	1.4	23173	3	#Max	QPSK	21.06	1	19.91	34.77	PASS
Band12	1.4	23173	6	#0	QPSK	19.99	1	18.84	34.77	PASS
Band12	1.4	23173	1	#0	16QAM	20.20	1	19.05	34.77	PASS
Band12	1.4	23173	1	#Mid	16QAM	20.32	1	19.17	34.77	PASS
Band12	1.4	23173	1	#Max	16QAM	20.21	1	19.06	34.77	PASS
Band12	1.4	23173	3	#0	16QAM	20.33	1	19.18	34.77	PASS
Band12	1.4	23173	3	#Mid	16QAM	20.37	1	19.22	34.77	PASS
Band12	1.4	23173	3	#Max	16QAM	20.34	1	19.19	34.77	PASS
Band12	1.4	23173	6	#0	16QAM	19.21	1	18.06	34.77	PASS
Band12	3	23025	1	#0	QPSK	21.37	1	20.22	34.77	PASS
Band12	3	23025	1	#Mid	QPSK	21.71	1	20.56	34.77	PASS
Band12	3	23025	1	#Max	QPSK	21.42	1	20.27	34.77	PASS
Band12	3	23025	8	#0	QPSK	20.32	1	19.17	34.77	PASS
Band12	3	23025	8	#Mid	QPSK	20.34	1	19.19	34.77	PASS
Band12	3	23025	8	#Max	QPSK	20.34	1	19.19	34.77	PASS
Band12	3	23025	15	#0	QPSK	20.33	1	19.18	34.77	PASS
Band12	3	23025	1	#0	16QAM	20.25	1	19.10	34.77	PASS
Band12	3	23025	1	#Mid	16QAM	20.61	1	19.46	34.77	PASS
Band12	3	23025	1	#Max	16QAM	20.27	1	19.12	34.77	PASS
Band12	3	23025	8	#0	16QAM	19.32	1	18.17	34.77	PASS
Band12	3	23025	8	#Mid	16QAM	19.32	1	18.17	34.77	PASS
Band12	3	23025	8	#Max	16QAM	19.39	1	18.24	34.77	PASS
Band12	3	23025	15	#0	16QAM	19.40	1	18.25	34.77	PASS
Band12	3	23095	1	#0	QPSK	21.25	1	20.10	34.77	PASS
Band12	3	23095	1	#Mid	QPSK	21.59	1	20.44	34.77	PASS
Band12	3	23095	1	#Max	QPSK	21.17	1	20.02	34.77	PASS
Band12	3	23095	8	#0	QPSK	20.27	1	19.12	34.77	PASS
Band12	3	23095	8	#Mid	QPSK	20.30	1	19.15	34.77	PASS
Band12	3	23095	8	#Max	QPSK	20.26	1	19.11	34.77	PASS
Band12	3	23095	15	#0	QPSK	20.22	1	19.07	34.77	PASS
Band12	3	23095	1	#0	16QAM	20.80	1	19.65	34.77	PASS
Band12	3	23095	1	#Mid	16QAM	21.05	1	19.90	34.77	PASS
Band12	3	23095	1	#Max	16QAM	20.67	1	19.52	34.77	PASS
Band12	3	23095	8	#0	16QAM	19.32	1	18.17	34.77	PASS
Band12	3	23095	8	#Mid	16QAM	19.34	1	18.19	34.77	PASS
Band12	3	23095	8	#Max	16QAM	19.27	1	18.12	34.77	PASS
Band12	3	23095	15	#0	16QAM	19.30	1	18.15	34.77	PASS
Band12	3	23165	1	#0	QPSK	21.07	1	19.92	34.77	PASS
Band12	3	23165	1	#Mid	QPSK	21.36	1	20.21	34.77	PASS
Band12	3	23165	1	#Max	QPSK	21.03	1	19.88	34.77	PASS
Band12	3	23165	8	#0	QPSK	20.08	1	18.93	34.77	PASS
Band12	3	23165	8	#Mid	QPSK	20.07	1	18.92	34.77	PASS

Band12	3	23165	8	#Max	QPSK	20.11	1	18.96	34.77	PASS
Band12	3	23165	15	#0	QPSK	20.04	1	18.89	34.77	PASS
Band12	3	23165	1	#0	16QAM	20.30	1	19.15	34.77	PASS
Band12	3	23165	1	#Mid	16QAM	20.63	1	19.48	34.77	PASS
Band12	3	23165	1	#Max	16QAM	20.26	1	19.11	34.77	PASS
Band12	3	23165	8	#0	16QAM	19.10	1	17.95	34.77	PASS
Band12	3	23165	8	#Mid	16QAM	19.10	1	17.95	34.77	PASS
Band12	3	23165	8	#Max	16QAM	19.13	1	17.98	34.77	PASS
Band12	3	23165	15	#0	16QAM	19.00	1	17.85	34.77	PASS
Band12	5	23035	1	#0	QPSK	21.20	1	20.05	34.77	PASS
Band12	5	23035	1	#Mid	QPSK	21.67	1	20.52	34.77	PASS
Band12	5	23035	1	#Max	QPSK	21.27	1	20.12	34.77	PASS
Band12	5	23035	12	#0	QPSK	20.28	1	19.13	34.77	PASS
Band12	5	23035	12	#Mid	QPSK	20.36	1	19.21	34.77	PASS
Band12	5	23035	12	#Max	QPSK	20.31	1	19.16	34.77	PASS
Band12	5	23035	25	#0	QPSK	20.33	1	19.18	34.77	PASS
Band12	5	23035	1	#0	16QAM	20.57	1	19.42	34.77	PASS
Band12	5	23035	1	#Mid	16QAM	21.16	1	20.01	34.77	PASS
Band12	5	23035	1	#Max	16QAM	20.67	1	19.52	34.77	PASS
Band12	5	23035	12	#0	16QAM	19.26	1	18.11	34.77	PASS
Band12	5	23035	12	#Mid	16QAM	19.41	1	18.26	34.77	PASS
Band12	5	23035	12	#Max	16QAM	19.36	1	18.21	34.77	PASS
Band12	5	23035	25	#0	16QAM	19.33	1	18.18	34.77	PASS
Band12	5	23095	1	#0	QPSK	21.19	1	20.04	34.77	PASS
Band12	5	23095	1	#Mid	QPSK	21.56	1	20.41	34.77	PASS
Band12	5	23095	1	#Max	QPSK	21.05	1	19.90	34.77	PASS
Band12	5	23095	12	#0	QPSK	20.24	1	19.09	34.77	PASS
Band12	5	23095	12	#Mid	QPSK	20.30	1	19.15	34.77	PASS
Band12	5	23095	12	#Max	QPSK	20.21	1	19.06	34.77	PASS
Band12	5	23095	25	#0	QPSK	20.24	1	19.09	34.77	PASS
Band12	5	23095	1	#0	16QAM	20.63	1	19.48	34.77	PASS
Band12	5	23095	1	#Mid	16QAM	20.98	1	19.83	34.77	PASS
Band12	5	23095	1	#Max	16QAM	20.52	1	19.37	34.77	PASS
Band12	5	23095	12	#0	16QAM	19.30	1	18.15	34.77	PASS
Band12	5	23095	12	#Mid	16QAM	19.41	1	18.26	34.77	PASS
Band12	5	23095	12	#Max	16QAM	19.30	1	18.15	34.77	PASS
Band12	5	23095	25	#0	16QAM	19.24	1	18.09	34.77	PASS
Band12	5	23155	1	#0	QPSK	21.01	1	19.86	34.77	PASS
Band12	5	23155	1	#Mid	QPSK	21.38	1	20.23	34.77	PASS
Band12	5	23155	1	#Max	QPSK	20.91	1	19.76	34.77	PASS
Band12	5	23155	12	#0	QPSK	20.07	1	18.92	34.77	PASS
Band12	5	23155	12	#Mid	QPSK	20.16	1	19.01	34.77	PASS
Band12	5	23155	12	#Max	QPSK	20.02	1	18.87	34.77	PASS
Band12	5	23155	25	#0	QPSK	20.13	1	18.98	34.77	PASS
Band12	5	23155	1	#0	16QAM	20.62	1	19.47	34.77	PASS
Band12	5	23155	1	#Mid	16QAM	20.98	1	19.83	34.77	PASS
Band12	5	23155	1	#Max	16QAM	20.61	1	19.46	34.77	PASS
Band12	5	23155	12	#0	16QAM	19.16	1	18.01	34.77	PASS
Band12	5	23155	12	#Mid	16QAM	19.24	1	18.09	34.77	PASS
Band12	5	23155	12	#Max	16QAM	19.10	1	17.95	34.77	PASS
Band12	5	23155	25	#0	16QAM	19.09	1	17.94	34.77	PASS
Band12	10	23060	1	#0	QPSK	21.19	1	20.04	34.77	PASS
Band12	10	23060	1	#Mid	QPSK	21.39	1	20.24	34.77	PASS
Band12	10	23060	1	#Max	QPSK	21.19	1	20.04	34.77	PASS
Band12	10	23060	25	#0	QPSK	20.40	1	19.25	34.77	PASS
Band12	10	23060	25	#Mid	QPSK	20.39	1	19.24	34.77	PASS
Band12	10	23060	25	#Max	QPSK	20.43	1	19.28	34.77	PASS
Band12	10	23060	50	#0	QPSK	20.41	1	19.26	34.77	PASS
Band12	10	23060	1	#0	16QAM	20.78	1	19.63	34.77	PASS
Band12	10	23060	1	#Mid	16QAM	20.91	1	19.76	34.77	PASS
Band12	10	23060	1	#Max	16QAM	20.80	1	19.65	34.77	PASS
Band12	10	23060	25	#0	16QAM	19.45	1	18.30	34.77	PASS
Band12	10	23060	25	#Mid	16QAM	19.49	1	18.34	34.77	PASS
Band12	10	23060	25	#Max	16QAM	19.50	1	18.35	34.77	PASS
Band12	10	23060	50	#0	16QAM	19.40	1	18.25	34.77	PASS
Band12	10	23095	1	#0	QPSK	21.37	1	20.22	34.77	PASS
Band12	10	23095	1	#Mid	QPSK	21.39	1	20.24	34.77	PASS
Band12	10	23095	1	#Max	QPSK	21.10	1	19.95	34.77	PASS
Band12	10	23095	25	#0	QPSK	20.35	1	19.20	34.77	PASS
Band12	10	23095	25	#Mid	QPSK	20.28	1	19.13	34.77	PASS
Band12	10	23095	25	#Max	QPSK	20.25	1	19.10	34.77	PASS
Band12	10	23095	50	#0	QPSK	20.32	1	19.17	34.77	PASS
Band12	10	23095	1	#0	16QAM	20.61	1	19.46	34.77	PASS
Band12	10	23095	1	#Mid	16QAM	20.60	1	19.45	34.77	PASS
Band12	10	23095	1	#Max	16QAM	20.39	1	19.24	34.77	PASS
Band12	10	23095	25	#0	16QAM	19.37	1	18.22	34.77	PASS
Band12	10	23095	25	#Mid	16QAM	19.30	1	18.15	34.77	PASS

Band12	10	23095	25	#Max	16QAM	19.27	1	18.12	34.77	PASS
Band12	10	23095	50	#0	16QAM	19.36	1	18.21	34.77	PASS
Band12	10	23130	1	#0	QPSK	21.29	1	20.14	34.77	PASS
Band12	10	23130	1	#Mid	QPSK	21.30	1	20.15	34.77	PASS
Band12	10	23130	1	#Max	QPSK	21.10	1	19.95	34.77	PASS
Band12	10	23130	25	#0	QPSK	20.30	1	19.15	34.77	PASS
Band12	10	23130	25	#Mid	QPSK	20.21	1	19.06	34.77	PASS
Band12	10	23130	25	#Max	QPSK	20.17	1	19.02	34.77	PASS
Band12	10	23130	50	#0	QPSK	20.22	1	19.07	34.77	PASS
Band12	10	23130	1	#0	16QAM	20.17	1	19.02	34.77	PASS
Band12	10	23130	1	#Mid	16QAM	20.13	1	18.98	34.77	PASS
Band12	10	23130	1	#Max	16QAM	20.00	1	18.85	34.77	PASS
Band12	10	23130	25	#0	16QAM	19.33	1	18.18	34.77	PASS
Band12	10	23130	25	#Mid	16QAM	19.27	1	18.12	34.77	PASS
Band12	10	23130	25	#Max	16QAM	19.18	1	18.03	34.77	PASS
Band12	10	23130	50	#0	16QAM	19.23	1	18.08	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	21.33	1	20.18	34.77	PASS
Band13	5	23205	1	#Mid	QPSK	21.71	1	20.56	34.77	PASS
Band13	5	23205	1	#Max	QPSK	21.35	1	20.20	34.77	PASS
Band13	5	23205	12	#0	QPSK	20.32	1	19.17	34.77	PASS
Band13	5	23205	12	#Mid	QPSK	20.45	1	19.30	34.77	PASS
Band13	5	23205	12	#Max	QPSK	20.42	1	19.27	34.77	PASS
Band13	5	23205	25	#0	QPSK	20.40	1	19.25	34.77	PASS
Band13	5	23205	1	#0	16QAM	20.85	1	19.70	34.77	PASS
Band13	5	23205	1	#Mid	16QAM	21.17	1	20.02	34.77	PASS
Band13	5	23205	1	#Max	16QAM	20.91	1	19.76	34.77	PASS
Band13	5	23205	12	#0	16QAM	19.41	1	18.26	34.77	PASS
Band13	5	23205	12	#Mid	16QAM	19.54	1	18.39	34.77	PASS
Band13	5	23205	12	#Max	16QAM	19.49	1	18.34	34.77	PASS
Band13	5	23205	25	#0	16QAM	19.44	1	18.29	34.77	PASS
Band13	5	23230	1	#0	QPSK	21.28	1	20.13	34.77	PASS
Band13	5	23230	1	#Mid	QPSK	21.69	1	20.54	34.77	PASS
Band13	5	23230	1	#Max	QPSK	21.34	1	20.19	34.77	PASS
Band13	5	23230	12	#0	QPSK	20.35	1	19.20	34.77	PASS
Band13	5	23230	12	#Mid	QPSK	20.45	1	19.30	34.77	PASS
Band13	5	23230	12	#Max	QPSK	20.42	1	19.27	34.77	PASS
Band13	5	23230	25	#0	QPSK	20.44	1	19.29	34.77	PASS
Band13	5	23230	1	#0	16QAM	20.66	1	19.51	34.77	PASS
Band13	5	23230	1	#Mid	16QAM	21.11	1	19.96	34.77	PASS
Band13	5	23230	1	#Max	16QAM	20.66	1	19.51	34.77	PASS
Band13	5	23230	12	#0	16QAM	19.39	1	18.24	34.77	PASS
Band13	5	23230	12	#Mid	16QAM	19.53	1	18.38	34.77	PASS
Band13	5	23230	12	#Max	16QAM	19.44	1	18.29	34.77	PASS
Band13	5	23230	25	#0	16QAM	19.52	1	18.37	34.77	PASS
Band13	5	23255	1	#0	QPSK	21.24	1	20.09	34.77	PASS
Band13	5	23255	1	#Mid	QPSK	21.69	1	20.54	34.77	PASS
Band13	5	23255	1	#Max	QPSK	21.19	1	20.04	34.77	PASS
Band13	5	23255	12	#0	QPSK	20.40	1	19.25	34.77	PASS
Band13	5	23255	12	#Mid	QPSK	20.44	1	19.29	34.77	PASS
Band13	5	23255	12	#Max	QPSK	20.27	1	19.12	34.77	PASS
Band13	5	23255	25	#0	QPSK	20.35	1	19.20	34.77	PASS
Band13	5	23255	1	#0	16QAM	20.65	1	19.50	34.77	PASS
Band13	5	23255	1	#Mid	16QAM	20.82	1	19.67	34.77	PASS
Band13	5	23255	1	#Max	16QAM	20.61	1	19.46	34.77	PASS
Band13	5	23255	12	#0	16QAM	19.46	1	18.31	34.77	PASS
Band13	5	23255	12	#Mid	16QAM	19.61	1	18.46	34.77	PASS
Band13	5	23255	12	#Max	16QAM	19.46	1	18.31	34.77	PASS
Band13	5	23255	25	#0	16QAM	19.40	1	18.25	34.77	PASS
Band13	10	23230	1	#0	QPSK	21.30	1	20.15	34.77	PASS
Band13	10	23230	1	#Mid	QPSK	21.51	1	20.36	34.77	PASS
Band13	10	23230	1	#Max	QPSK	21.34	1	20.19	34.77	PASS
Band13	10	23230	25	#0	QPSK	20.41	1	19.26	34.77	PASS
Band13	10	23230	25	#Mid	QPSK	20.48	1	19.33	34.77	PASS
Band13	10	23230	25	#Max	QPSK	20.39	1	19.24	34.77	PASS
Band13	10	23230	50	#0	QPSK	20.46	1	19.31	34.77	PASS
Band13	10	23230	1	#0	16QAM	20.52	1	19.37	34.77	PASS
Band13	10	23230	1	#Mid	16QAM	20.67	1	19.52	34.77	PASS
Band13	10	23230	1	#Max	16QAM	20.57	1	19.42	34.77	PASS
Band13	10	23230	25	#0	16QAM	19.49	1	18.34	34.77	PASS
Band13	10	23230	25	#Mid	16QAM	19.53	1	18.38	34.77	PASS
Band13	10	23230	25	#Max	16QAM	19.50	1	18.35	34.77	PASS
Band13	10	23230	50	#0	16QAM	19.50	1	18.35	34.77	PASS

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Gain (dB)	ERP (dBm)	ERP Limit (dBm)	Verdict
Band17	5	23755	1	#0	QPSK	21.18	1	20.03	34.77	PASS
Band17	5	23755	1	#Mid	QPSK	21.57	1	20.42	34.77	PASS
Band17	5	23755	1	#Max	QPSK	21.10	1	19.95	34.77	PASS
Band17	5	23755	12	#0	QPSK	20.27	1	19.12	34.77	PASS
Band17	5	23755	12	#Mid	QPSK	20.28	1	19.13	34.77	PASS
Band17	5	23755	12	#Max	QPSK	20.21	1	19.06	34.77	PASS
Band17	5	23755	25	#0	QPSK	20.24	1	19.09	34.77	PASS
Band17	5	23755	1	#0	16QAM	20.82	1	19.67	34.77	PASS
Band17	5	23755	1	#Mid	16QAM	21.21	1	20.06	34.77	PASS
Band17	5	23755	1	#Max	16QAM	20.75	1	19.60	34.77	PASS
Band17	5	23755	12	#0	16QAM	19.30	1	18.15	34.77	PASS
Band17	5	23755	12	#Mid	16QAM	19.37	1	18.22	34.77	PASS
Band17	5	23755	12	#Max	16QAM	19.30	1	18.15	34.77	PASS
Band17	5	23755	25	#0	16QAM	19.24	1	18.09	34.77	PASS
Band17	5	23790	1	#0	QPSK	21.09	1	19.94	34.77	PASS
Band17	5	23790	1	#Mid	QPSK	21.55	1	20.40	34.77	PASS
Band17	5	23790	1	#Max	QPSK	21.02	1	19.87	34.77	PASS
Band17	5	23790	12	#0	QPSK	20.17	1	19.02	34.77	PASS
Band17	5	23790	12	#Mid	QPSK	20.21	1	19.06	34.77	PASS
Band17	5	23790	12	#Max	QPSK	20.10	1	18.95	34.77	PASS
Band17	5	23790	25	#0	QPSK	20.19	1	19.04	34.77	PASS
Band17	5	23790	1	#0	16QAM	20.49	1	19.34	34.77	PASS
Band17	5	23790	1	#Mid	16QAM	20.88	1	19.73	34.77	PASS
Band17	5	23790	1	#Max	16QAM	20.41	1	19.26	34.77	PASS
Band17	5	23790	12	#0	16QAM	19.19	1	18.04	34.77	PASS
Band17	5	23790	12	#Mid	16QAM	19.22	1	18.07	34.77	PASS
Band17	5	23790	12	#Max	16QAM	19.12	1	17.97	34.77	PASS
Band17	5	23790	25	#0	16QAM	19.24	1	18.09	34.77	PASS
Band17	5	23825	1	#0	QPSK	20.94	1	19.79	34.77	PASS
Band17	5	23825	1	#Mid	QPSK	21.32	1	20.17	34.77	PASS
Band17	5	23825	1	#Max	QPSK	20.94	1	19.79	34.77	PASS
Band17	5	23825	12	#0	QPSK	20.10	1	18.95	34.77	PASS
Band17	5	23825	12	#Mid	QPSK	20.15	1	19.00	34.77	PASS
Band17	5	23825	12	#Max	QPSK	20.05	1	18.90	34.77	PASS
Band17	5	23825	25	#0	QPSK	20.11	1	18.96	34.77	PASS
Band17	5	23825	1	#0	16QAM	20.41	1	19.26	34.77	PASS
Band17	5	23825	1	#Mid	16QAM	20.76	1	19.61	34.77	PASS
Band17	5	23825	1	#Max	16QAM	20.38	1	19.23	34.77	PASS
Band17	5	23825	12	#0	16QAM	19.20	1	18.05	34.77	PASS
Band17	5	23825	12	#Mid	16QAM	19.24	1	18.09	34.77	PASS
Band17	5	23825	12	#Max	16QAM	19.18	1	18.03	34.77	PASS
Band17	5	23825	25	#0	16QAM	19.09	1	17.94	34.77	PASS
Band17	10	23780	1	#0	QPSK	21.27	1	20.12	34.77	PASS
Band17	10	23780	1	#Mid	QPSK	21.32	1	20.17	34.77	PASS
Band17	10	23780	1	#Max	QPSK	21.17	1	20.02	34.77	PASS
Band17	10	23780	25	#0	QPSK	20.28	1	19.13	34.77	PASS
Band17	10	23780	25	#Mid	QPSK	20.22	1	19.07	34.77	PASS
Band17	10	23780	25	#Max	QPSK	20.24	1	19.09	34.77	PASS
Band17	10	23780	50	#0	QPSK	20.21	1	19.06	34.77	PASS
Band17	10	23780	1	#0	16QAM	20.18	1	19.03	34.77	PASS
Band17	10	23780	1	#Mid	16QAM	20.23	1	19.08	34.77	PASS
Band17	10	23780	1	#Max	16QAM	20.04	1	18.89	34.77	PASS
Band17	10	23780	25	#0	16QAM	19.30	1	18.15	34.77	PASS
Band17	10	23780	25	#Mid	16QAM	19.20	1	18.05	34.77	PASS
Band17	10	23780	25	#Max	16QAM	19.23	1	18.08	34.77	PASS
Band17	10	23780	50	#0	16QAM	19.22	1	18.07	34.77	PASS
Band17	10	23790	1	#0	QPSK	21.18	1	20.03	34.77	PASS
Band17	10	23790	1	#Mid	QPSK	21.20	1	20.05	34.77	PASS
Band17	10	23790	1	#Max	QPSK	21.01	1	19.86	34.77	PASS
Band17	10	23790	25	#0	QPSK	20.23	1	19.08	34.77	PASS
Band17	10	23790	25	#Mid	QPSK	20.21	1	19.06	34.77	PASS
Band17	10	23790	25	#Max	QPSK	20.21	1	19.06	34.77	PASS
Band17	10	23790	50	#0	QPSK	20.20	1	19.05	34.77	PASS
Band17	10	23790	1	#0	16QAM	20.69	1	19.54	34.77	PASS
Band17	10	23790	1	#Mid	16QAM	20.76	1	19.61	34.77	PASS
Band17	10	23790	1	#Max	16QAM	20.55	1	19.40	34.77	PASS
Band17	10	23790	25	#0	16QAM	19.32	1	18.17	34.77	PASS
Band17	10	23790	25	#Mid	16QAM	19.29	1	18.14	34.77	PASS
Band17	10	23790	25	#Max	16QAM	19.20	1	18.05	34.77	PASS
Band17	10	23790	50	#0	16QAM	19.22	1	18.07	34.77	PASS
Band17	10	23800	1	#0	QPSK	21.17	1	20.02	34.77	PASS
Band17	10	23800	1	#Mid	QPSK	21.23	1	20.08	34.77	PASS
Band17	10	23800	1	#Max	QPSK	21.09	1	19.94	34.77	PASS
Band17	10	23800	25	#0	QPSK	20.26	1	19.11	34.77	PASS
Band17	10	23800	25	#Mid	QPSK	20.21	1	19.06	34.77	PASS

Band17	10	23800	25	#Max	QPSK	20.21	1	19.06	34.77	PASS
Band17	10	23800	50	#0	QPSK	20.19	1	19.04	34.77	PASS
Band17	10	23800	1	#0	16QAM	20.43	1	19.28	34.77	PASS
Band17	10	23800	1	#Mid	16QAM	20.46	1	19.31	34.77	PASS
Band17	10	23800	1	#Max	16QAM	20.29	1	19.14	34.77	PASS
Band17	10	23800	25	#0	16QAM	19.29	1	18.14	34.77	PASS
Band17	10	23800	25	#Mid	16QAM	19.28	1	18.13	34.77	PASS
Band17	10	23800	25	#Max	16QAM	19.20	1	18.05	34.77	PASS
Band17	10	23800	50	#0	16QAM	19.26	1	18.11	34.77	PASS

Frequency stability

LTE Band 2 (QPSK) / 1880MHz / BW20M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	-2.59	-0.001	2.5ppm	PASS
40		2.67	0.001		
30		2.29	0.001		
20		-6.74	-0.004		
10		2.33	0.001		
0		2.84	0.002		
-10		-2.72	-0.001		
-20		-2.29	-0.001		
-30		-2.42	-0.001		
20	Maximum Voltage	1.33	0.001		
20	BEP	-4.04	-0.002		

LTE Band 2 (16QAM) / 1880MHz / BW20M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	-2.88	-0.002	2.5ppm	PASS
40		-2.81	-0.001		
30		-3.09	-0.002		
20		-7.47	-0.004		
10		3.06	0.002		
0		-2.72	-0.001		
-10		2.91	0.002		
-20		-2.67	-0.001		
-30		-3.05	-0.002		
20	Maximum Voltage	-4.26	-0.002		
20	BEP	-4.30	-0.002		

LTE Band 4 (QPSK) / 1733MHz / BW20M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	-1.29	-0.001	2.5ppm	PASS
40		-1.12	-0.001		
30		-1.33	-0.001		
20		-4.05	-0.002		
10		-1.07	-0.001		
0		-1.11	-0.001		
-10		1.38	0.001		
-20		-0.96	-0.001		
-30		-1.27	-0.001		
20	Maximum Voltage	0.51	0.000		
20	BEP	0.54	0.000		

LTE Band 4 (16QAM) / 1733MHz / BW20M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	1.18	0.001	2.5ppm	PASS
40		0.93	0.001		
30		1.09	0.001		
20		-3.93	-0.002		
10		-1.36	-0.001		
0		1.17	0.001		
-10		-1.21	-0.001		
-20		1.04	0.001		
-30		1.27	0.001		
20	Maximum Voltage	-1.54	-0.001		
20	BEP	0.47	0.000		

LTE Band 5 (QPSK) / 836.5MHz / BW10M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	3.76	0.004	2.5ppm	PASS
40		-3.83	-0.005		
30		-3.78	-0.005		
20		-9.68	-0.012		
10		-3.81	-0.005		
0		-4.31	-0.005		
-10		-3.72	-0.004		
-20		3.72	0.004		
-30		3.90	0.005		
20	Maximum Voltage	2.02	0.002		
20	BEP	2.14	0.003		

LTE Band 5 (16QAM) / 836.5MHz / BW10M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	3.22	0.004	2.5ppm	PASS
40		-3.52	-0.004		
30		3.14	0.004		
20		-8.35	-0.010		
10		3.64	0.004		
0		-3.55	-0.004		
-10		-3.27	-0.004		
-20		3.63	0.004		
-30		-3.39	-0.004		
20	Maximum Voltage	1.81	0.002		
20	BEP	-5.00	-0.006		

LTE Band 7 (QPSK) / 2535MHz / BW20M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	-0.14	0.000	2.5ppm	PASS
40		0.08	0.000		
30		0.07	0.000		
20		-2.02	-0.001		
10		-0.38	0.000		
0		-0.11	0.000		
-10		0.19	0.000		
-20		-0.24	0.000		
-30		-0.13	0.000		
20	Maximum Voltage	0.19	0.000		
20	BEP	-0.52	0.000		

LTE Band 7 (16QAM) / 2535MHz / BW20M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	0.11	0.000	2.5ppm	PASS
40		0.39	0.000		
30		0.53	0.000		
20		-1.00	0.000		
10		0.29	0.000		
0		-0.39	0.000		
-10		0.09	0.000		
-20		0.26	0.000		
-30		-0.21	0.000		
20	Maximum Voltage	0.85	0.000		
20	BEP	0.60	0.000		

LTE Band 12 (QPSK) / 707.5MHz / BW10M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	0.75	0.001	2.5ppm	PASS
40		0.67	0.001		
30		0.44	0.001		
20		-2.76	-0.004		
10		-0.71	-0.001		
0		0.29	0.000		
-10		0.66	0.001		
-20		0.39	0.001		
-30		-0.61	-0.001		
20	Maximum Voltage	0.40	0.001	2.5ppm	PASS
20	BEP	-0.80	-0.001		

LTE Band 12 (16QAM) / 707.5MHz / BW10M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	0.17	0.000	2.5ppm	PASS
40		-0.31	0.000		
30		-0.11	0.000		
20		-1.72	-0.002		
10		0.09	0.000		
0		-0.03	0.000		
-10		0.02	0.000		
-20		-0.24	0.000		
-30		-0.07	0.000		
20	Maximum Voltage	-0.13	0.000	2.5ppm	PASS
20	BEP	-0.15	0.000		

LTE Band 13 (QPSK) / 782MHz / BW10M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	-1.96	-0.003	2.5ppm	PASS
40		2.23	0.003		
30		-2.33	-0.003		
20		-6.05	-0.008		
10		2.08	0.003		
0		2.39	0.003		
-10		-2.42	-0.003		
-20		-2.06	-0.003		
-30		-2.48	-0.003		
20	Maximum Voltage	-3.32	-0.004	2.5ppm	PASS
20	BEP	-3.46	-0.004		

LTE Band 13 (16QAM) / 782MHz / BW10M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	2.65	0.003	2.5ppm	PASS
40		2.20	0.003		
30		-2.27	-0.003		
20		-6.60	-0.008		
10		-2.29	-0.003		
0		-2.37	-0.003		
-10		-2.30	-0.003		
-20		-2.22	-0.003		
-30		-2.34	-0.003		
20	Maximum Voltage	-3.77	-0.005	2.5ppm	PASS
20	BEP	1.35	0.002		

LTE Band 17 (QPSK) / 710MHz / BW10M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	-2.40	-0.003	2.5ppm	PASS
40		-2.60	-0.004		
30		-2.34	-0.003		
20		-6.51	-0.009		
10		2.13	0.003		
0		2.68	0.004		
-10		-2.71	-0.004		
-20		2.16	0.003		
-30		-2.54	-0.004		
20	Maximum Voltage	1.11	0.002	2.5ppm	PASS
20	BEP	-3.81	-0.005		

LTE Band 17 (16QAM) / 710MHz / BW10M					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	-1.70	-0.002	2.5ppm	PASS
40		1.73	0.002		
30		2.06	0.003		
20		-5.25	-0.007		
10		1.58	0.002		
0		-1.71	-0.002		
-10		1.64	0.002		
-20		1.56	0.002		
-30		1.99	0.003		
20	Maximum Voltage	-2.27	-0.003	2.5ppm	PASS
20	BEP	-2.37	-0.003		

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	3.56	13	PASS
Band2	1.4	18607	1	#0	16QAM	4.56	13	PASS
Band2	1.4	18900	1	#0	QPSK	5.39	13	PASS
Band2	1.4	18900	1	#0	16QAM	6.00	13	PASS
Band2	1.4	19193	1	#0	QPSK	4.44	13	PASS
Band2	1.4	19193	1	#0	16QAM	5.54	13	PASS
Band2	3	18615	1	#0	QPSK	3.37	13	PASS
Band2	3	18615	1	#0	16QAM	4.25	13	PASS
Band2	3	18900	1	#0	QPSK	5.48	13	PASS
Band2	3	18900	1	#0	16QAM	6.52	13	PASS
Band2	3	19185	1	#0	QPSK	4.66	13	PASS
Band2	3	19185	1	#0	16QAM	5.68	13	PASS
Band2	5	18625	1	#0	QPSK	3.67	13	PASS
Band2	5	18625	1	#0	16QAM	4.47	13	PASS
Band2	5	18900	1	#0	QPSK	5.45	13	PASS
Band2	5	18900	1	#0	16QAM	5.86	13	PASS
Band2	5	19175	1	#0	QPSK	4.35	13	PASS
Band2	5	19175	1	#0	16QAM	5.00	13	PASS
Band2	10	18650	1	#0	QPSK	3.44	13	PASS
Band2	10	18650	1	#0	16QAM	4.47	13	PASS
Band2	10	18900	1	#0	QPSK	5.19	13	PASS
Band2	10	18900	1	#0	16QAM	5.76	13	PASS
Band2	10	19150	1	#0	QPSK	2.76	13	PASS
Band2	10	19150	1	#0	16QAM	3.79	13	PASS
Band2	15	18675	1	#0	QPSK	3.43	13	PASS
Band2	15	18675	1	#0	16QAM	4.44	13	PASS
Band2	15	18900	1	#0	QPSK	5.08	13	PASS
Band2	15	18900	1	#0	16QAM	5.75	13	PASS
Band2	15	19125	1	#0	QPSK	2.54	13	PASS
Band2	15	19125	1	#0	16QAM	3.59	13	PASS
Band2	20	18700	1	#0	QPSK	3.52	13	PASS
Band2	20	18700	1	#0	16QAM	4.23	13	PASS
Band2	20	18900	1	#0	QPSK	4.89	13	PASS
Band2	20	18900	1	#0	16QAM	5.71	13	PASS
Band2	20	19100	1	#0	QPSK	2.93	13	PASS
Band2	20	19100	1	#0	16QAM	4.12	13	PASS
Band4	1.4	19957	1	#0	QPSK	5.01	13	PASS
Band4	1.4	19957	1	#0	16QAM	5.75	13	PASS
Band4	1.4	20175	1	#0	QPSK	5.23	13	PASS
Band4	1.4	20175	1	#0	16QAM	6.06	13	PASS
Band4	1.4	20393	1	#0	QPSK	5.26	13	PASS
Band4	1.4	20393	1	#0	16QAM	5.92	13	PASS
Band4	3	19965	1	#0	QPSK	4.79	13	PASS
Band4	3	19965	1	#0	16QAM	5.93	13	PASS
Band4	3	20175	1	#0	QPSK	5.06	13	PASS
Band4	3	20175	1	#0	16QAM	5.68	13	PASS
Band4	3	20385	1	#0	QPSK	5.24	13	PASS
Band4	3	20385	1	#0	16QAM	6.03	13	PASS
Band4	5	19975	1	#0	QPSK	5.05	13	PASS
Band4	5	19975	1	#0	16QAM	5.72	13	PASS
Band4	5	20175	1	#0	QPSK	5.52	13	PASS
Band4	5	20175	1	#0	16QAM	5.99	13	PASS
Band4	5	20375	1	#0	QPSK	5.01	13	PASS
Band4	5	20375	1	#0	16QAM	5.53	13	PASS
Band4	10	20000	1	#0	QPSK	4.81	13	PASS
Band4	10	20000	1	#0	16QAM	5.53	13	PASS
Band4	10	20175	1	#0	QPSK	5.65	13	PASS
Band4	10	20175	1	#0	16QAM	6.49	13	PASS
Band4	10	20350	1	#0	QPSK	4.86	13	PASS
Band4	10	20350	1	#0	16QAM	5.89	13	PASS
Band4	15	20025	1	#0	QPSK	4.97	13	PASS
Band4	15	20025	1	#0	16QAM	5.90	13	PASS
Band4	15	20175	1	#0	QPSK	5.68	13	PASS
Band4	15	20175	1	#0	16QAM	6.57	13	PASS
Band4	15	20325	1	#0	QPSK	5.19	13	PASS
Band4	15	20325	1	#0	16QAM	5.75	13	PASS
Band4	20	20050	1	#0	QPSK	4.99	13	PASS
Band4	20	20050	1	#0	16QAM	5.55	13	PASS
Band4	20	20175	1	#0	QPSK	5.94	13	PASS
Band4	20	20175	1	#0	16QAM	6.65	13	PASS
Band4	20	20300	1	#0	QPSK	5.27	13	PASS
Band4	20	20300	1	#0	16QAM	6.48	13	PASS
Band5	1.4	20407	1	#0	QPSK	5.62	13	PASS

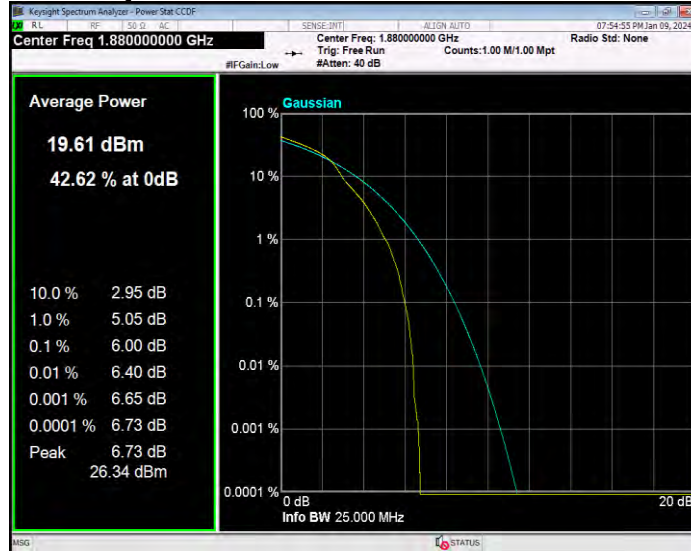
Band5	1.4	20407	1	#0	16QAM	6.30	13	PASS
Band5	1.4	20525	1	#0	QPSK	5.13	13	PASS
Band5	1.4	20525	1	#0	16QAM	6.19	13	PASS
Band5	1.4	20643	1	#0	QPSK	4.81	13	PASS
Band5	1.4	20643	1	#0	16QAM	5.56	13	PASS
Band5	3	20415	1	#0	QPSK	5.44	13	PASS
Band5	3	20415	1	#0	16QAM	6.35	13	PASS
Band5	3	20525	1	#0	QPSK	5.02	13	PASS
Band5	3	20525	1	#0	16QAM	6.03	13	PASS
Band5	3	20635	1	#0	QPSK	4.69	13	PASS
Band5	3	20635	1	#0	16QAM	5.39	13	PASS
Band5	5	20425	1	#0	QPSK	5.87	13	PASS
Band5	5	20425	1	#0	16QAM	6.14	13	PASS
Band5	5	20525	1	#0	QPSK	5.10	13	PASS
Band5	5	20525	1	#0	16QAM	5.67	13	PASS
Band5	5	20625	1	#0	QPSK	5.07	13	PASS
Band5	5	20625	1	#0	16QAM	5.69	13	PASS
Band5	10	20450	1	#0	QPSK	5.48	13	PASS
Band5	10	20450	1	#0	16QAM	6.60	13	PASS
Band5	10	20525	1	#0	QPSK	5.24	13	PASS
Band5	10	20525	1	#0	16QAM	5.92	13	PASS
Band5	10	20600	1	#0	QPSK	5.60	13	PASS
Band5	10	20600	1	#0	16QAM	6.15	13	PASS
Band7	5	20775	1	#0	QPSK	4.48	13	PASS
Band7	5	20775	1	#0	16QAM	5.17	13	PASS
Band7	5	21100	1	#0	QPSK	4.65	13	PASS
Band7	5	21100	1	#0	16QAM	5.19	13	PASS
Band7	5	21425	1	#0	QPSK	4.28	13	PASS
Band7	5	21425	1	#0	16QAM	4.90	13	PASS
Band7	10	20800	1	#0	QPSK	4.38	13	PASS
Band7	10	20800	1	#0	16QAM	5.31	13	PASS
Band7	10	21100	1	#0	QPSK	4.26	13	PASS
Band7	10	21100	1	#0	16QAM	4.97	13	PASS
Band7	10	21400	1	#0	QPSK	4.21	13	PASS
Band7	10	21400	1	#0	16QAM	4.96	13	PASS
Band7	15	20825	1	#0	QPSK	4.46	13	PASS
Band7	15	20825	1	#0	16QAM	5.17	13	PASS
Band7	15	21100	1	#0	QPSK	4.36	13	PASS
Band7	15	21100	1	#0	16QAM	5.24	13	PASS
Band7	15	21375	1	#0	QPSK	4.25	13	PASS
Band7	15	21375	1	#0	16QAM	5.25	13	PASS
Band7	20	20850	1	#0	QPSK	4.53	13	PASS
Band7	20	20850	1	#0	16QAM	5.04	13	PASS
Band7	20	21100	1	#0	QPSK	4.32	13	PASS
Band7	20	21100	1	#0	16QAM	5.14	13	PASS
Band7	20	21350	1	#0	QPSK	4.82	13	PASS
Band7	20	21350	1	#0	16QAM	5.87	13	PASS
Band12	1.4	23017	1	#0	QPSK	5.59	13	PASS
Band12	1.4	23017	1	#0	16QAM	6.57	13	PASS
Band12	1.4	23095	1	#0	QPSK	5.59	13	PASS
Band12	1.4	23095	1	#0	16QAM	6.24	13	PASS
Band12	1.4	23173	1	#0	QPSK	5.60	13	PASS
Band12	1.4	23173	1	#0	16QAM	6.45	13	PASS
Band12	3	23025	1	#0	QPSK	5.49	13	PASS
Band12	3	23025	1	#0	16QAM	6.44	13	PASS
Band12	3	23095	1	#0	QPSK	5.40	13	PASS
Band12	3	23095	1	#0	16QAM	6.08	13	PASS
Band12	3	23165	1	#0	QPSK	5.38	13	PASS
Band12	3	23165	1	#0	16QAM	6.20	13	PASS
Band12	5	23035	1	#0	QPSK	6.04	13	PASS
Band12	5	23035	1	#0	16QAM	6.41	13	PASS
Band12	5	23095	1	#0	QPSK	5.58	13	PASS
Band12	5	23095	1	#0	16QAM	6.07	13	PASS
Band12	5	23155	1	#0	QPSK	5.25	13	PASS
Band12	5	23155	1	#0	16QAM	5.99	13	PASS
Band12	10	23060	1	#0	QPSK	5.62	13	PASS
Band12	10	23060	1	#0	16QAM	6.54	13	PASS
Band12	10	23095	1	#0	QPSK	5.49	13	PASS
Band12	10	23095	1	#0	16QAM	6.60	13	PASS
Band12	10	23130	1	#0	QPSK	5.41	13	PASS
Band12	10	23130	1	#0	16QAM	6.14	13	PASS
Band13	5	23205	1	#0	QPSK	4.94	13	PASS
Band13	5	23205	1	#0	16QAM	5.58	13	PASS
Band13	5	23230	1	#0	QPSK	4.71	13	PASS
Band13	5	23230	1	#0	16QAM	5.37	13	PASS
Band13	5	23255	1	#0	QPSK	5.26	13	PASS
Band13	5	23255	1	#0	16QAM	5.91	13	PASS

Band13	10	23230	1	#0	QPSK	5.08	13	PASS
Band13	10	23230	1	#0	16QAM	6.06	13	PASS
Band17	5	23755	1	#0	QPSK	5.50	13	PASS
Band17	5	23755	1	#0	16QAM	6.17	13	PASS
Band17	5	23790	1	#0	QPSK	5.68	13	PASS
Band17	5	23790	1	#0	16QAM	6.40	13	PASS
Band17	5	23825	1	#0	QPSK	5.51	13	PASS
Band17	5	23825	1	#0	16QAM	6.07	13	PASS
Band17	10	23780	1	#0	QPSK	5.63	13	PASS
Band17	10	23780	1	#0	16QAM	6.44	13	PASS
Band17	10	23790	1	#0	QPSK	5.67	13	PASS
Band17	10	23790	1	#0	16QAM	6.69	13	PASS
Band17	10	23800	1	#0	QPSK	5.51	13	PASS
Band17	10	23800	1	#0	16QAM	6.20	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=1.4MHz Channel=19193 RB Size=1 Position=#0



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



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



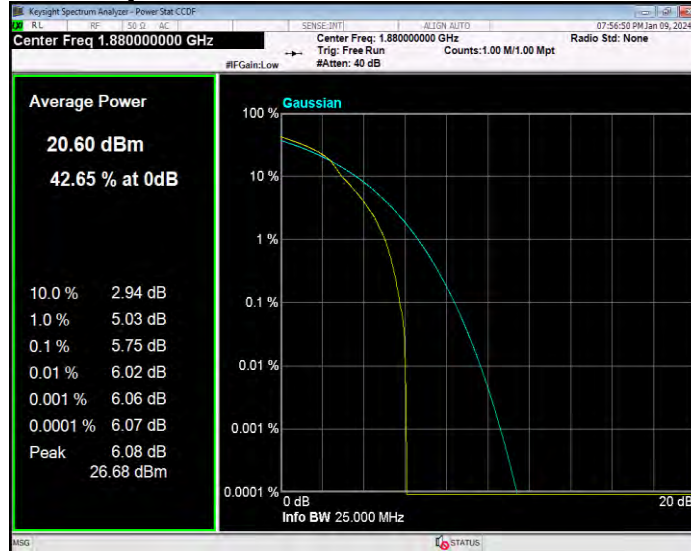
Band2 16QAM BW=10MHz Channel=19150 RB Size=1 Position=#0



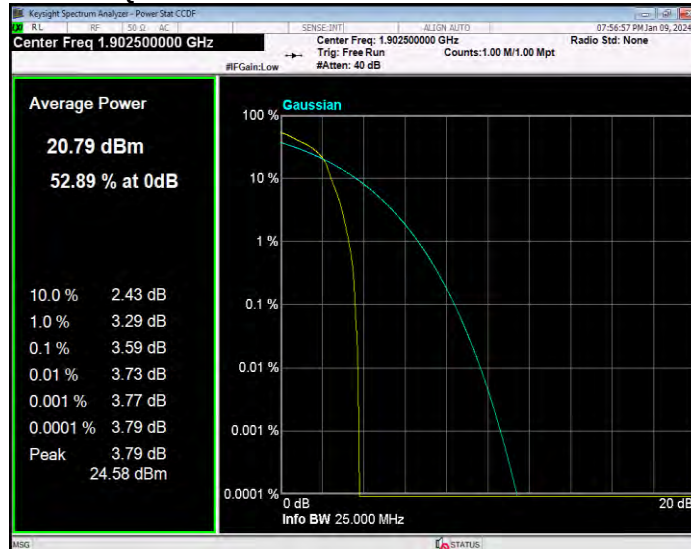
Band2 16QAM BW=15MHz Channel=18675 RB Size=1 Position=#0



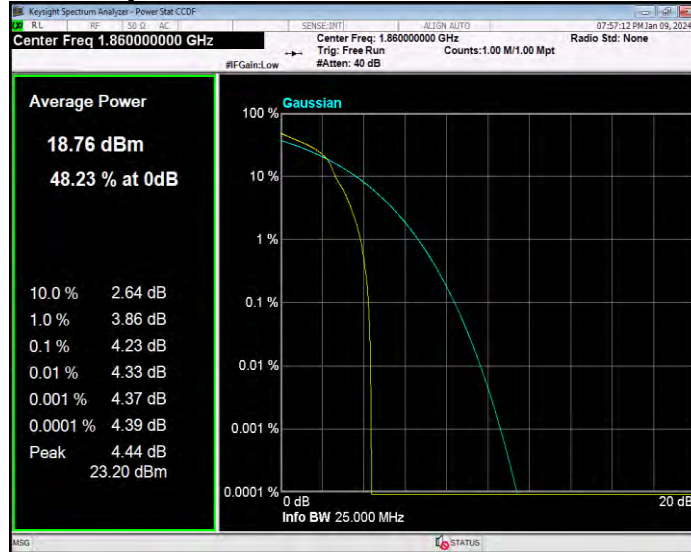
Band2 16QAM BW=15MHz Channel=18900 RB Size=1 Position=#0



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



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



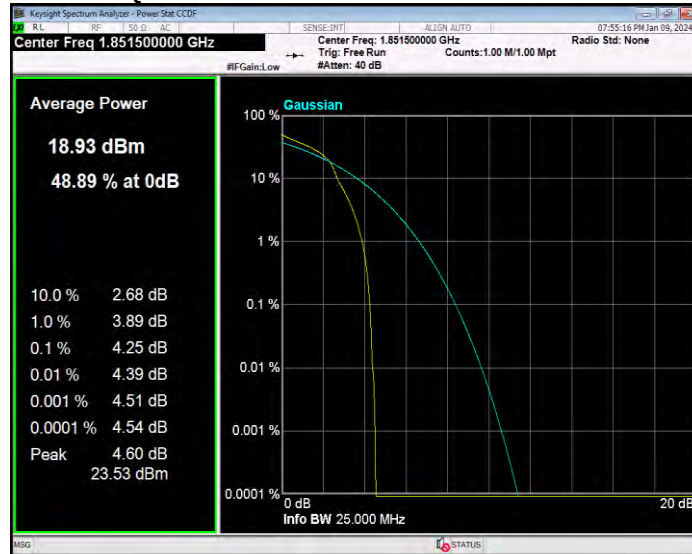
Band2 16QAM BW=20MHz Channel=18900 RB Size=1 Position=#0



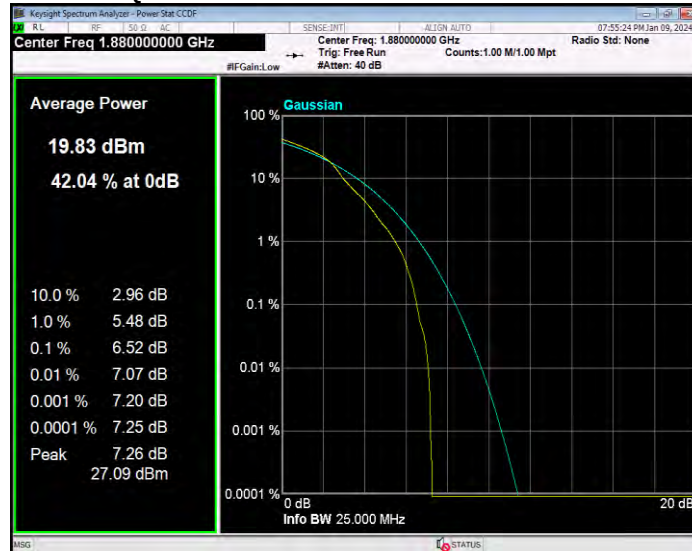
Band2 16QAM BW=20MHz Channel=19100 RB Size=1 Position=#0



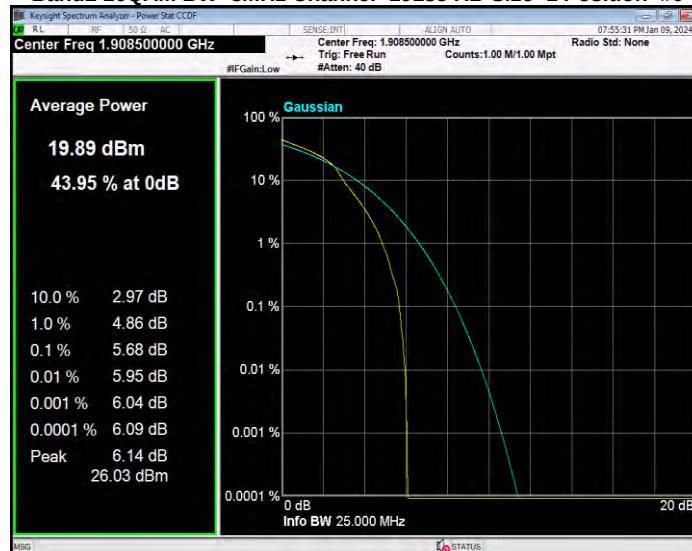
Band2 16QAM BW=3MHz Channel=18615 RB Size=1 Position=#0



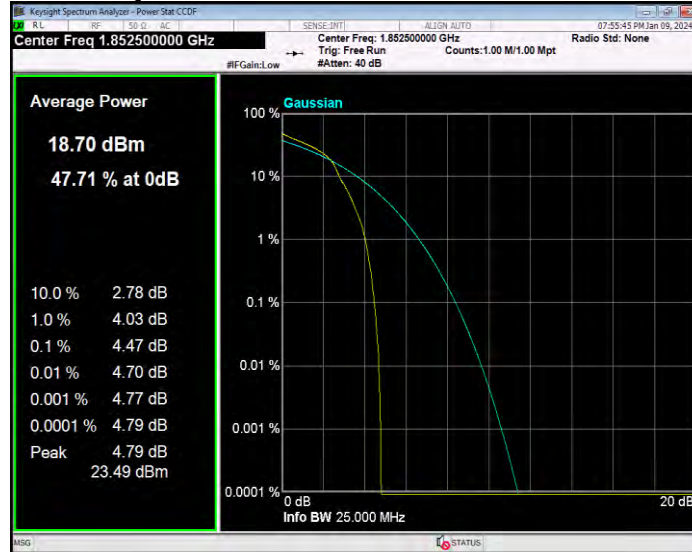
Band2 16QAM BW=3MHz Channel=18900 RB Size=1 Position=#0



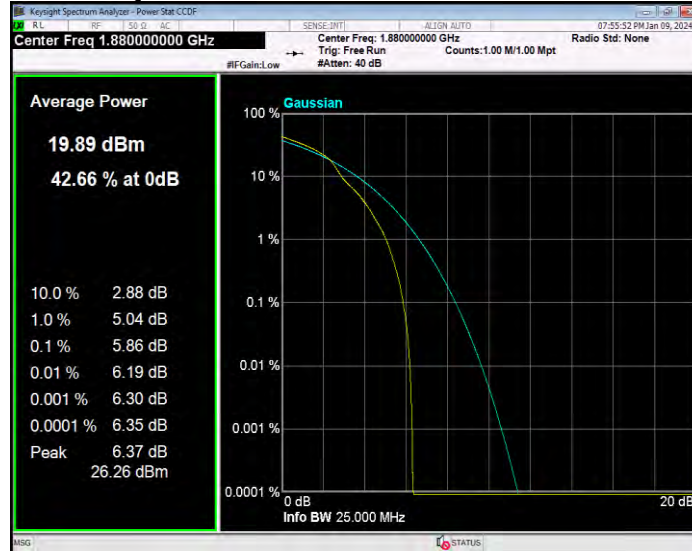
Band2 16QAM BW=3MHz Channel=19185 RB Size=1 Position=#0



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



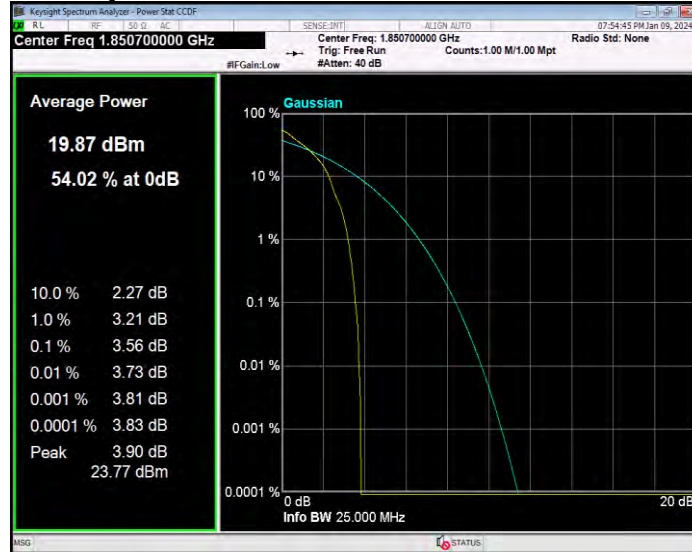
Band2 16QAM BW=5MHz Channel=18900 RB Size=1 Position=#0



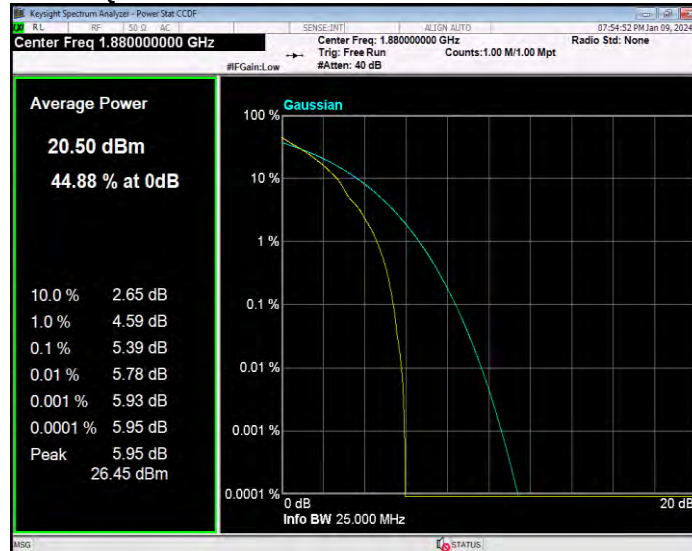
Band2 16QAM BW=5MHz Channel=19175 RB Size=1 Position=#0



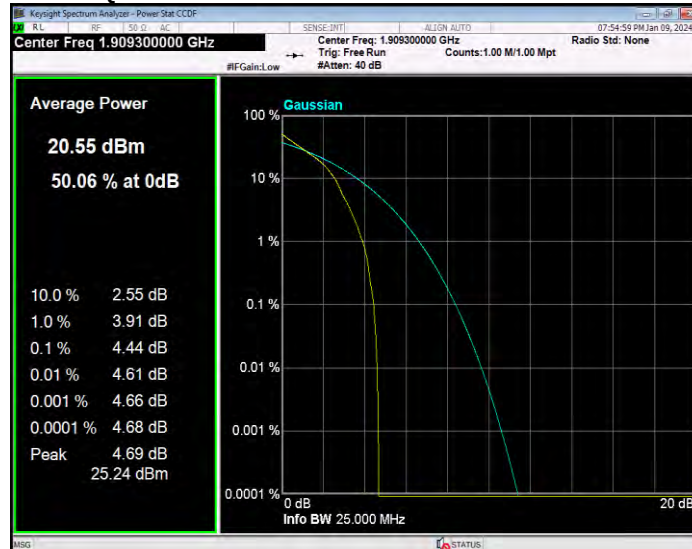
Band2 QPSK BW=1.4MHz Channel=18607 RB Size=1 Position=#0



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



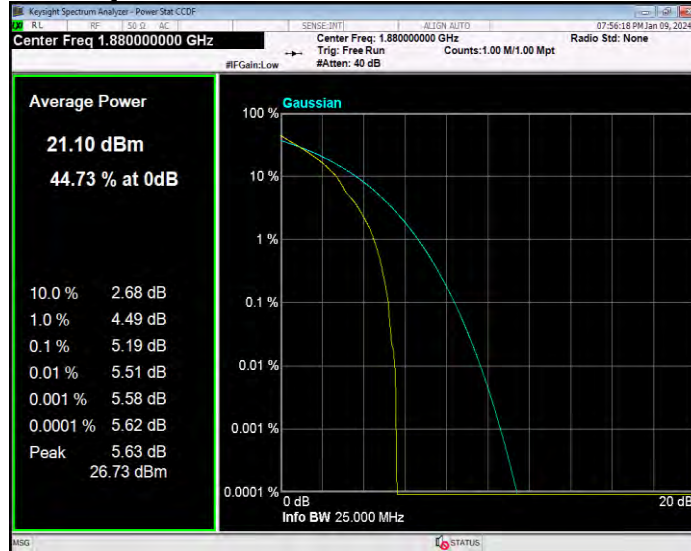
Band2 QPSK BW=1.4MHz Channel=19193 RB Size=1 Position=#0



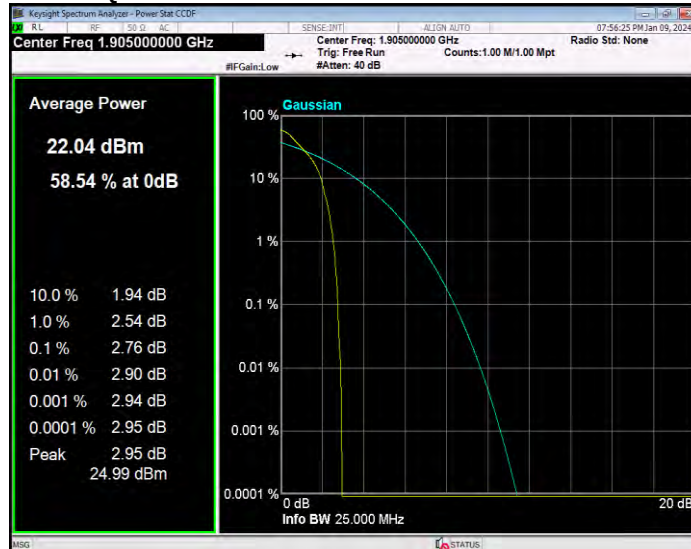
Band2 QPSK BW=10MHz Channel=18650 RB Size=1 Position=#0



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



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



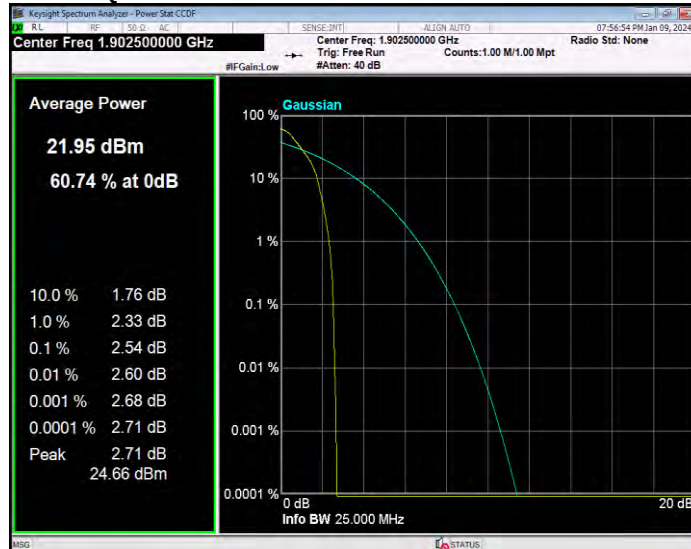
Band2 QPSK BW=15MHz Channel=18675 RB Size=1 Position=#0

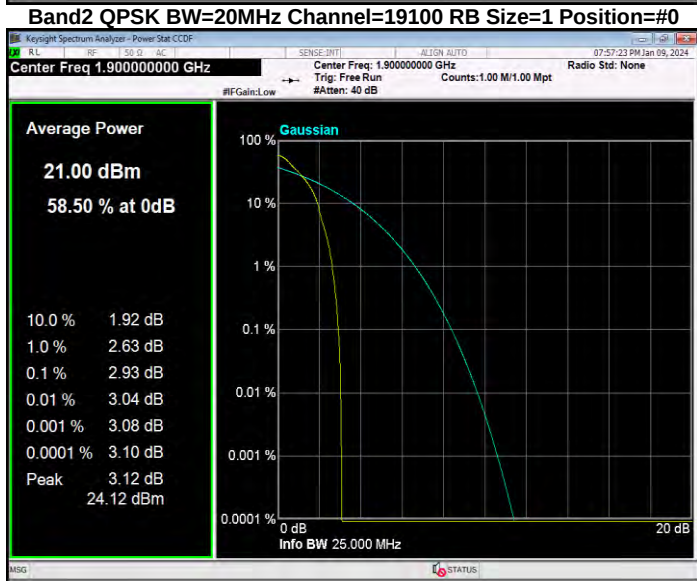
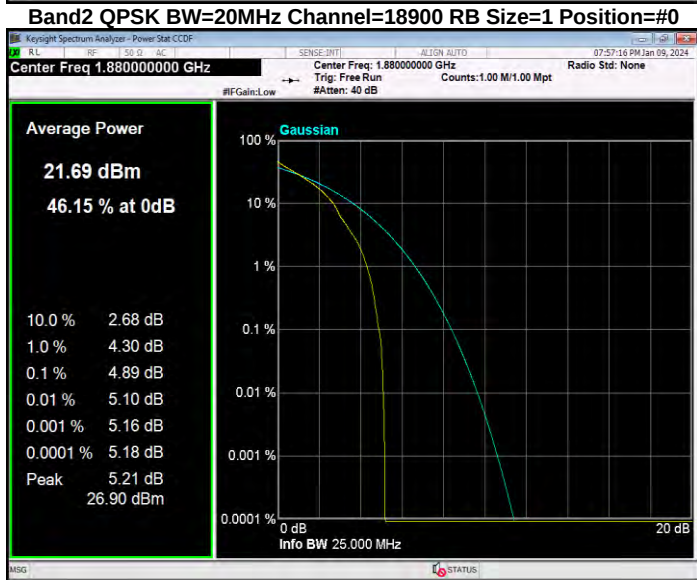
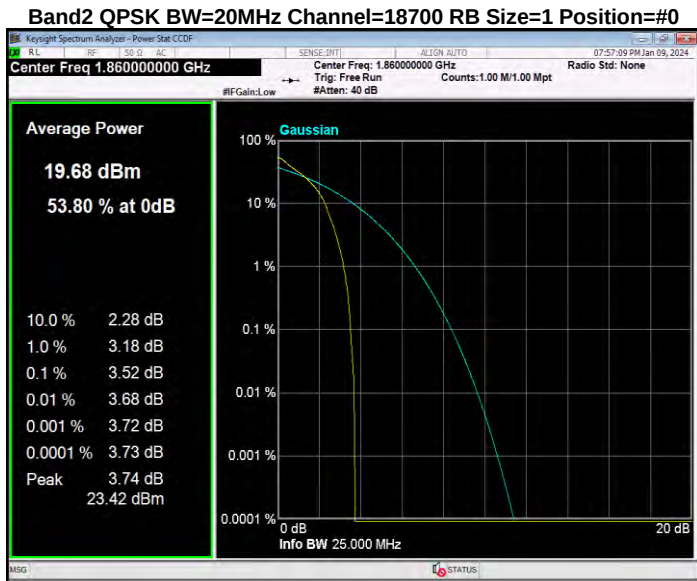


Band2 QPSK BW=15MHz Channel=18900 RB Size=1 Position=#0

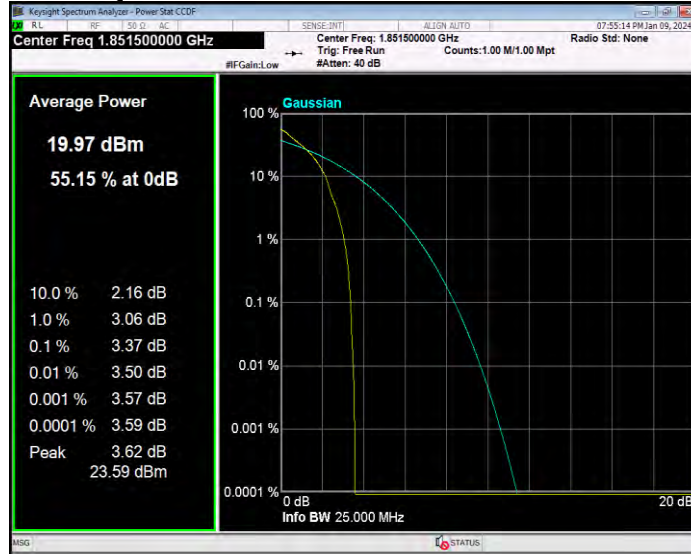


Band2 QPSK BW=15MHz Channel=19125 RB Size=1 Position=#0

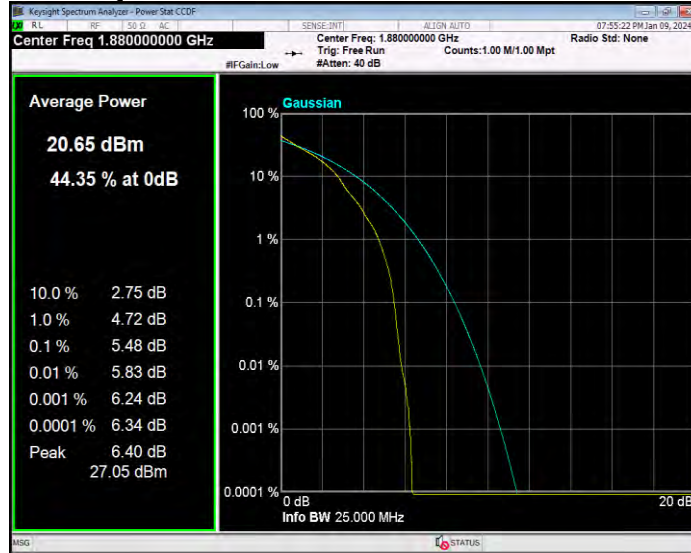




Band2 QPSK BW=3MHz Channel=18615 RB Size=1 Position=#0



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



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



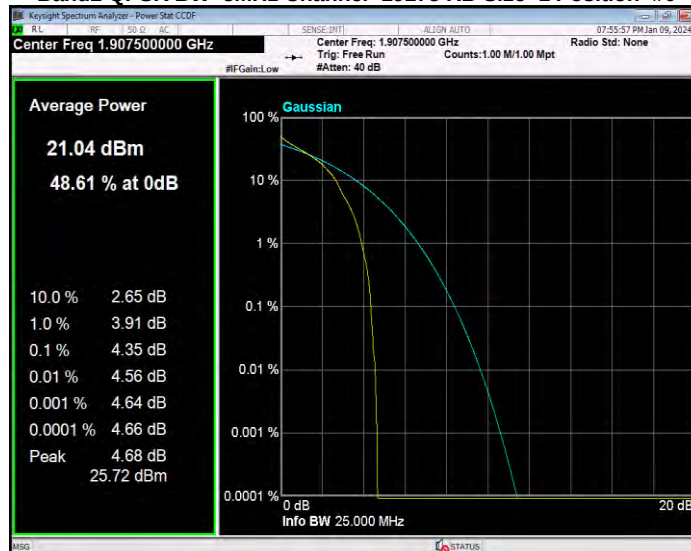
Band2 QPSK BW=5MHz Channel=18625 RB Size=1 Position=#0



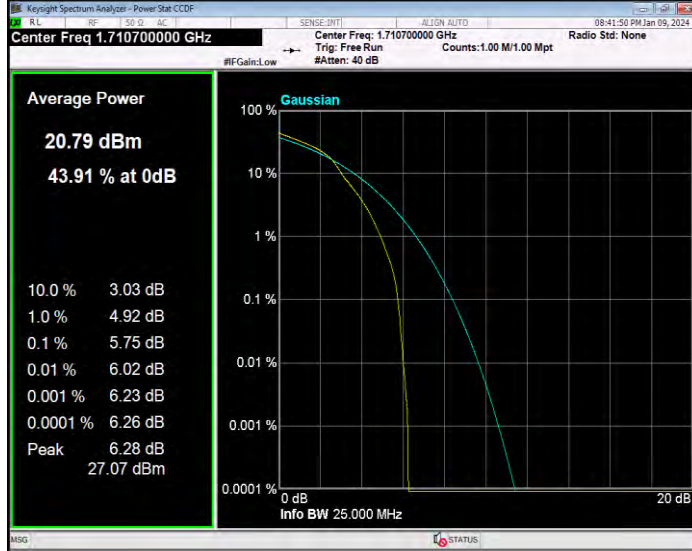
Band2 QPSK BW=5MHz Channel=18900 RB Size=1 Position=#0



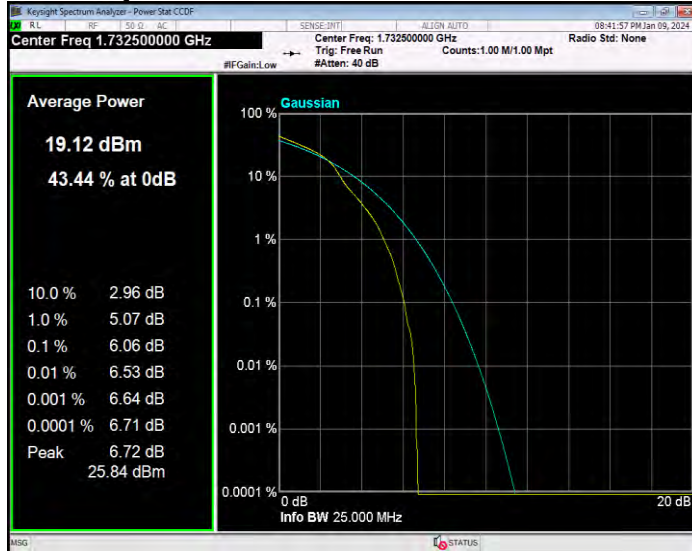
Band2 QPSK BW=5MHz Channel=19175 RB Size=1 Position=#0



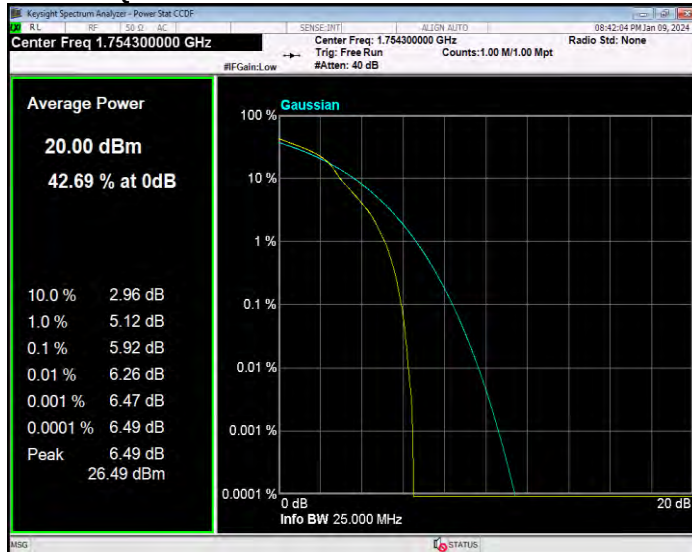
Band4 16QAM BW=1.4MHz Channel=19957 RB Size=1 Position=#0



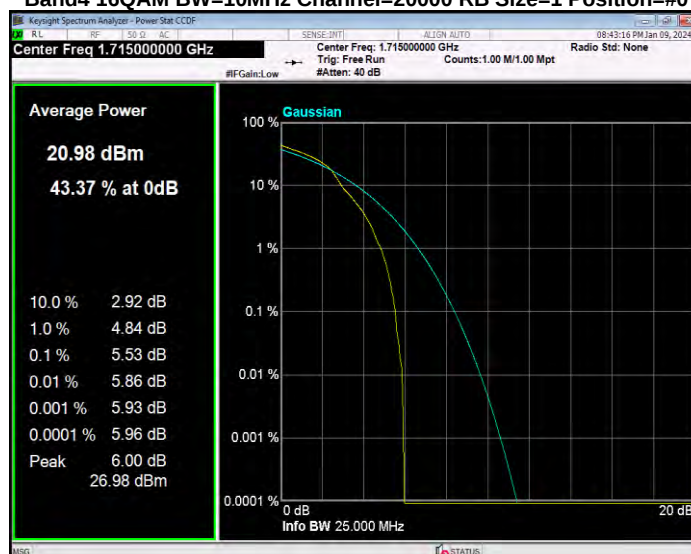
Band4 16QAM BW=1.4MHz Channel=20175 RB Size=1 Position=#0



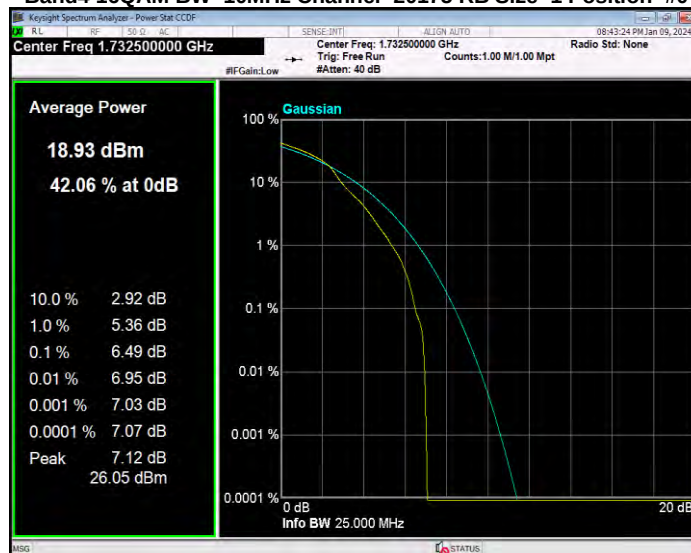
Band4 16QAM BW=1.4MHz Channel=20393 RB Size=1 Position=#0



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



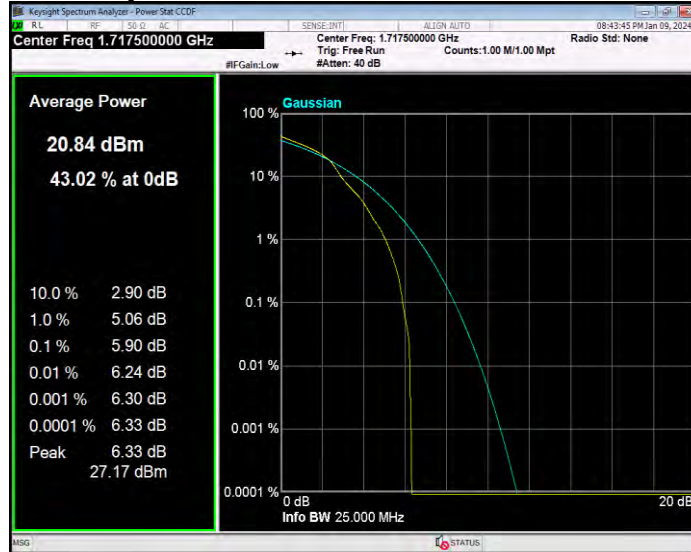
Band4 16QAM BW=10MHz Channel=20175 RB Size=1 Position=#0



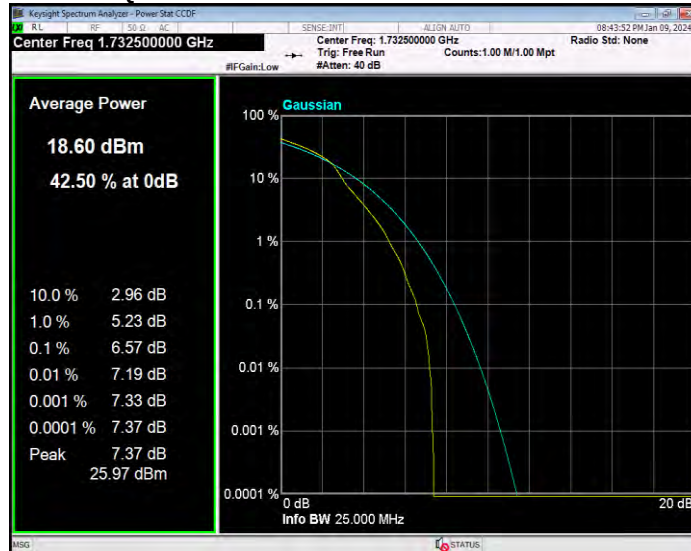
Band4 16QAM BW=10MHz Channel=20350 RB Size=1 Position=#0



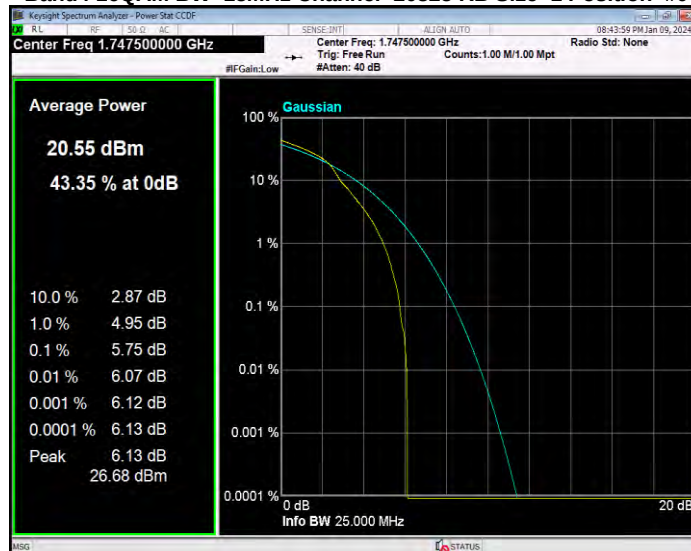
Band4 16QAM BW=15MHz Channel=20025 RB Size=1 Position=#0



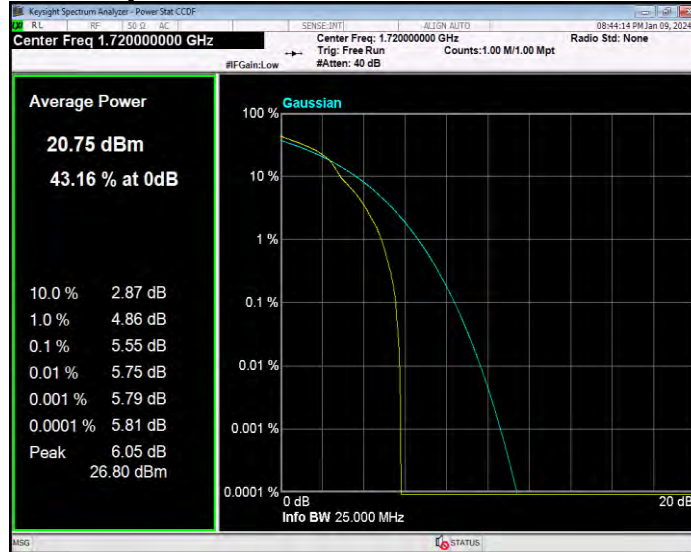
Band4 16QAM BW=15MHz Channel=20175 RB Size=1 Position=#0



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



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



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



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



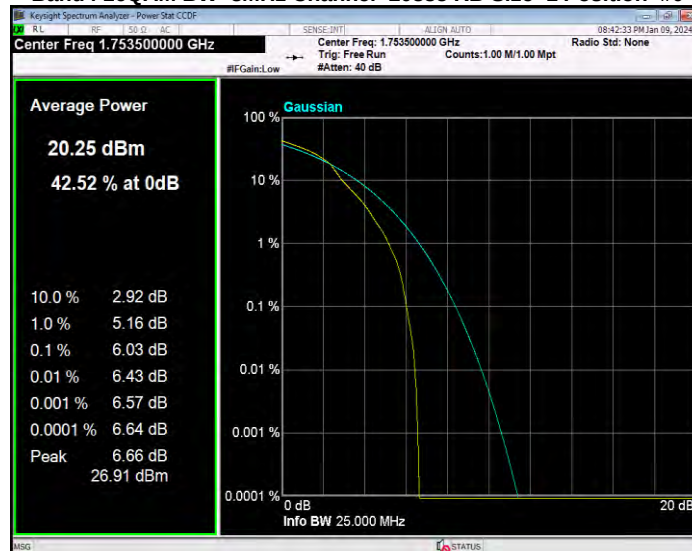
Band4 16QAM BW=3MHz Channel=19965 RB Size=1 Position=#0



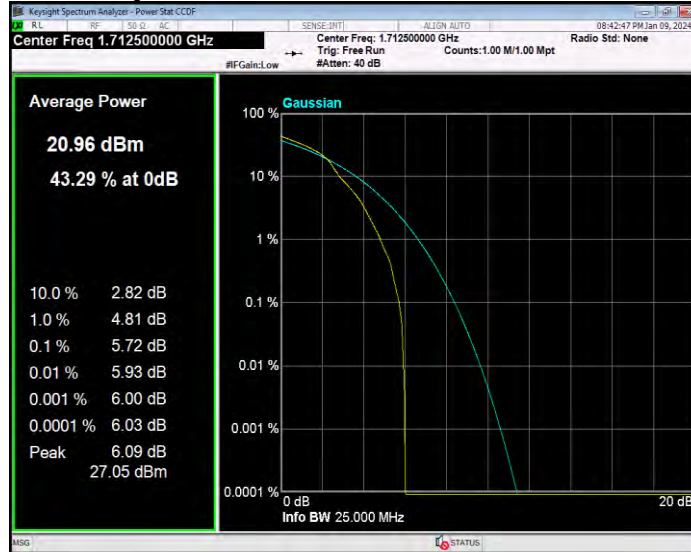
Band4 16QAM BW=3MHz Channel=20175 RB Size=1 Position=#0



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



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



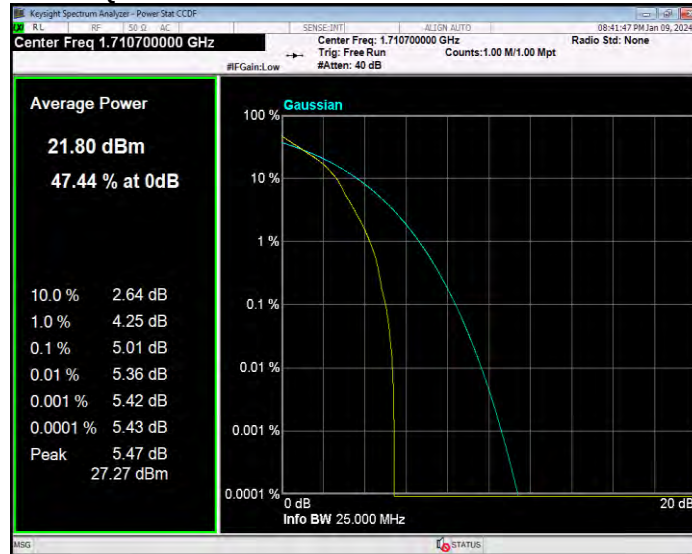
Band4 16QAM BW=5MHz Channel=20175 RB Size=1 Position=#0



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



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



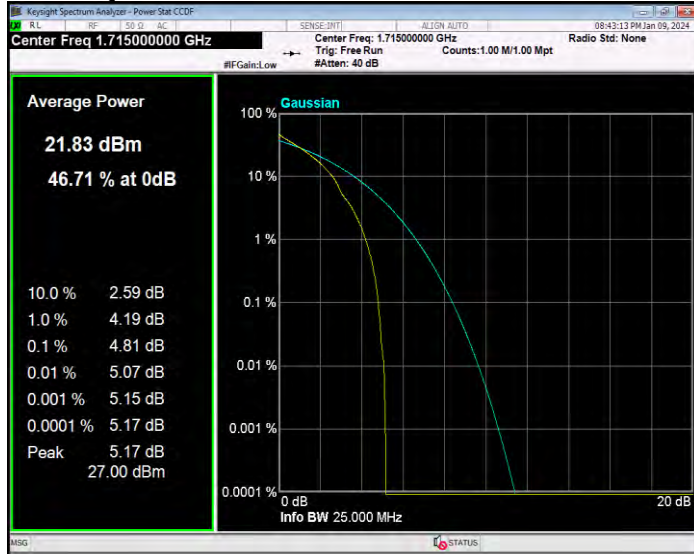
Band4 QPSK BW=1.4MHz Channel=20175 RB Size=1 Position=#0



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



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



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



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

