

Report

1 Conducted output power

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	high Limit (dBm)	Verdict
Band12	1.4	23017	1	#0	QPSK	23.32	37	PASS
Band12	1.4	23017	1	#Mid	QPSK	23.57	37	PASS
Band12	1.4	23017	1	#Max	QPSK	23.35	37	PASS
Band12	1.4	23017	3	#0	QPSK	23.37	37	PASS
Band12	1.4	23017	3	#Max	QPSK	23.38	37	PASS
Band12	1.4	23017	6	#0	QPSK	22.27	37	PASS
Band12	1.4	23017	1	#0	QAM16	22.27	37	PASS
Band12	1.4	23017	1	#Mid	QAM16	22.58	37	PASS
Band12	1.4	23017	1	#Max	QAM16	22.34	37	PASS
Band12	1.4	23017	3	#0	QAM16	22.52	37	PASS
Band12	1.4	23017	3	#Max	QAM16	22.58	37	PASS
Band12	1.4	23017	6	#0	QAM16	21.37	37	PASS
Band12	1.4	23095	1	#0	QPSK	23.22	37	PASS
Band12	1.4	23095	1	#Mid	QPSK	23.46	37	PASS
Band12	1.4	23095	1	#Max	QPSK	23.23	37	PASS
Band12	1.4	23095	3	#0	QPSK	23.37	37	PASS
Band12	1.4	23095	3	#Max	QPSK	23.28	37	PASS
Band12	1.4	23095	6	#0	QPSK	22.26	37	PASS
Band12	1.4	23095	1	#0	QAM16	22.44	37	PASS
Band12	1.4	23095	1	#Mid	QAM16	22.58	37	PASS
Band12	1.4	23095	1	#Max	QAM16	22.30	37	PASS
Band12	1.4	23095	3	#0	QAM16	22.26	37	PASS
Band12	1.4	23095	3	#Max	QAM16	22.23	37	PASS
Band12	1.4	23095	6	#0	QAM16	21.21	37	PASS
Band12	1.4	23173	1	#0	QPSK	23.08	37	PASS
Band12	1.4	23173	1	#Mid	QPSK	23.18	37	PASS
Band12	1.4	23173	1	#Max	QPSK	22.93	37	PASS
Band12	1.4	23173	3	#0	QPSK	23.01	37	PASS
Band12	1.4	23173	3	#Max	QPSK	23.02	37	PASS
Band12	1.4	23173	6	#0	QPSK	21.92	37	PASS
Band12	1.4	23173	1	#0	QAM16	21.83	37	PASS
Band12	1.4	23173	1	#Mid	QAM16	22.02	37	PASS
Band12	1.4	23173	1	#Max	QAM16	21.80	37	PASS
Band12	1.4	23173	3	#0	QAM16	22.02	37	PASS
Band12	1.4	23173	3	#Max	QAM16	21.99	37	PASS
Band12	1.4	23173	6	#0	QAM16	20.95	37	PASS
Band12	3	23025	1	#0	QPSK	22.79	37	PASS
Band12	3	23025	1	#Mid	QPSK	22.79	37	PASS
Band12	3	23025	1	#Max	QPSK	22.77	37	PASS
Band12	3	23025	8	#0	QPSK	21.84	37	PASS
Band12	3	23025	8	#Max	QPSK	21.89	37	PASS

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Band12	3	23025	15	#0	QPSK	21.88	37	PASS
Band12	3	23025	1	#0	QAM16	22.16	37	PASS
Band12	3	23025	1	#Mid	QAM16	22.17	37	PASS
Band12	3	23025	1	#Max	QAM16	22.16	37	PASS
Band12	3	23025	8	#0	QAM16	20.92	37	PASS
Band12	3	23025	8	#Max	QAM16	20.96	37	PASS
Band12	3	23025	15	#0	QAM16	20.90	37	PASS
Band12	3	23095	1	#0	QPSK	22.77	37	PASS
Band12	3	23095	1	#Mid	QPSK	22.88	37	PASS
Band12	3	23095	1	#Max	QPSK	22.79	37	PASS
Band12	3	23095	8	#0	QPSK	21.87	37	PASS
Band12	3	23095	8	#Max	QPSK	21.90	37	PASS
Band12	3	23095	15	#0	QPSK	21.88	37	PASS
Band12	3	23095	1	#0	QAM16	22.05	37	PASS
Band12	3	23095	1	#Mid	QAM16	22.07	37	PASS
Band12	3	23095	1	#Max	QAM16	22.06	37	PASS
Band12	3	23095	8	#0	QAM16	20.92	37	PASS
Band12	3	23095	8	#Max	QAM16	20.93	37	PASS
Band12	3	23095	15	#0	QAM16	20.82	37	PASS
Band12	3	23165	1	#0	QPSK	22.99	37	PASS
Band12	3	23165	1	#Mid	QPSK	23.00	37	PASS
Band12	3	23165	1	#Max	QPSK	23.00	37	PASS
Band12	3	23165	8	#0	QPSK	21.98	37	PASS
Band12	3	23165	8	#Max	QPSK	22.00	37	PASS
Band12	3	23165	15	#0	QPSK	21.99	37	PASS
Band12	3	23165	1	#0	QAM16	21.87	37	PASS
Band12	3	23165	1	#Mid	QAM16	21.94	37	PASS
Band12	3	23165	1	#Max	QAM16	21.88	37	PASS
Band12	3	23165	8	#0	QAM16	21.02	37	PASS
Band12	3	23165	8	#Max	QAM16	21.03	37	PASS
Band12	3	23165	15	#0	QAM16	21.05	37	PASS
Band12	5	23035	1	#0	QPSK	22.70	37	PASS
Band12	5	23035	1	#Mid	QPSK	22.86	37	PASS
Band12	5	23035	1	#Max	QPSK	22.72	37	PASS
Band12	5	23035	12	#0	QPSK	21.83	37	PASS
Band12	5	23035	12	#Max	QPSK	21.97	37	PASS
Band12	5	23035	25	#0	QPSK	21.92	37	PASS
Band12	5	23035	1	#0	QAM16	22.09	37	PASS
Band12	5	23035	1	#Mid	QAM16	22.18	37	PASS
Band12	5	23035	1	#Max	QAM16	22.08	37	PASS
Band12	5	23035	12	#0	QAM16	20.84	37	PASS
Band12	5	23035	12	#Max	QAM16	21.00	37	PASS
Band12	5	23035	25	#0	QAM16	20.96	37	PASS
Band12	5	23095	1	#0	QPSK	22.73	37	PASS

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Band12	5	23095	1	#Mid	QPSK	22.82	37	PASS
Band12	5	23095	1	#Max	QPSK	22.76	37	PASS
Band12	5	23095	12	#0	QPSK	21.91	37	PASS
Band12	5	23095	12	#Max	QPSK	21.91	37	PASS
Band12	5	23095	25	#0	QPSK	21.91	37	PASS
Band12	5	23095	1	#0	QAM16	21.97	37	PASS
Band12	5	23095	1	#Mid	QAM16	22.11	37	PASS
Band12	5	23095	1	#Max	QAM16	22.06	37	PASS
Band12	5	23095	12	#0	QAM16	20.93	37	PASS
Band12	5	23095	12	#Max	QAM16	20.90	37	PASS
Band12	5	23095	25	#0	QAM16	20.93	37	PASS
Band12	5	23155	1	#0	QPSK	22.78	37	PASS
Band12	5	23155	1	#Mid	QPSK	22.92	37	PASS
Band12	5	23155	1	#Max	QPSK	22.77	37	PASS
Band12	5	23155	12	#0	QPSK	21.99	37	PASS
Band12	5	23155	12	#Max	QPSK	22.00	37	PASS
Band12	5	23155	25	#0	QPSK	22.02	37	PASS
Band12	5	23155	1	#0	QAM16	22.12	37	PASS
Band12	5	23155	1	#Mid	QAM16	22.29	37	PASS
Band12	5	23155	1	#Max	QAM16	22.14	37	PASS
Band12	5	23155	12	#0	QAM16	21.06	37	PASS
Band12	5	23155	12	#Max	QAM16	21.04	37	PASS
Band12	5	23155	25	#0	QAM16	21.06	37	PASS
Band12	10	23060	1	#0	QPSK	22.73	37	PASS
Band12	10	23060	1	#Mid	QPSK	22.90	37	PASS
Band12	10	23060	1	#Max	QPSK	22.79	37	PASS
Band12	10	23060	25	#0	QPSK	21.77	37	PASS
Band12	10	23060	25	#Max	QPSK	21.86	37	PASS
Band12	10	23060	50	#0	QPSK	21.85	37	PASS
Band12	10	23060	1	#0	QAM16	22.14	37	PASS
Band12	10	23060	1	#Mid	QAM16	22.29	37	PASS
Band12	10	23060	1	#Max	QAM16	22.23	37	PASS
Band12	10	23060	25	#0	QAM16	20.87	37	PASS
Band12	10	23060	25	#Max	QAM16	21.01	37	PASS
Band12	10	23060	50	#0	QAM16	20.88	37	PASS
Band12	10	23095	1	#0	QPSK	22.80	37	PASS
Band12	10	23095	1	#Mid	QPSK	23.03	37	PASS
Band12	10	23095	1	#Max	QPSK	22.89	37	PASS
Band12	10	23095	25	#0	QPSK	21.92	37	PASS
Band12	10	23095	25	#Max	QPSK	21.89	37	PASS
Band12	10	23095	50	#0	QPSK	21.94	37	PASS
Band12	10	23095	1	#0	QAM16	22.02	37	PASS
Band12	10	23095	1	#Mid	QAM16	22.23	37	PASS
Band12	10	23095	1	#Max	QAM16	22.15	37	PASS

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Band12	10	23095	25	#0	QAM16	21.02	37	PASS
Band12	10	23095	25	#Max	QAM16	21.00	37	PASS
Band12	10	23095	50	#0	QAM16	20.97	37	PASS
Band12	10	23130	1	#0	QPSK	22.88	37	PASS
Band12	10	23130	1	#Mid	QPSK	23.11	37	PASS
Band12	10	23130	1	#Max	QPSK	22.98	37	PASS
Band12	10	23130	25	#0	QPSK	22.01	37	PASS
Band12	10	23130	25	#Max	QPSK	22.01	37	PASS
Band12	10	23130	50	#0	QPSK	22.07	37	PASS
Band12	10	23130	1	#0	QAM16	21.75	37	PASS
Band12	10	23130	1	#Mid	QAM16	22.03	37	PASS
Band12	10	23130	1	#Max	QAM16	21.89	37	PASS
Band12	10	23130	25	#0	QAM16	21.09	37	PASS
Band12	10	23130	25	#Max	QAM16	21.06	37	PASS
Band12	10	23130	50	#0	QAM16	21.10	37	PASS
Band17	5	23755	1	#0	QPSK	24.42	37	PASS
Band17	5	23755	1	#Mid	QPSK	24.58	37	PASS
Band17	5	23755	1	#Max	QPSK	24.51	37	PASS
Band17	5	23755	12	#0	QPSK	23.53	37	PASS
Band17	5	23755	12	#Max	QPSK	23.56	37	PASS
Band17	5	23755	25	#0	QPSK	23.55	37	PASS
Band17	5	23755	1	#0	QAM16	23.66	37	PASS
Band17	5	23755	1	#Mid	QAM16	23.81	37	PASS
Band17	5	23755	1	#Max	QAM16	23.81	37	PASS
Band17	5	23755	12	#0	QAM16	22.57	37	PASS
Band17	5	23755	12	#Max	QAM16	22.60	37	PASS
Band17	5	23755	25	#0	QAM16	22.58	37	PASS
Band17	5	23790	1	#0	QPSK	24.54	37	PASS
Band17	5	23790	1	#Mid	QPSK	24.66	37	PASS
Band17	5	23790	1	#Max	QPSK	24.67	37	PASS
Band17	5	23790	12	#0	QPSK	23.68	37	PASS
Band17	5	23790	12	#Max	QPSK	23.71	37	PASS
Band17	5	23790	25	#0	QPSK	23.74	37	PASS
Band17	5	23790	1	#0	QAM16	23.78	37	PASS
Band17	5	23790	1	#Mid	QAM16	23.95	37	PASS
Band17	5	23790	1	#Max	QAM16	23.98	37	PASS
Band17	5	23790	12	#0	QAM16	22.65	37	PASS
Band17	5	23790	12	#Max	QAM16	22.69	37	PASS
Band17	5	23790	25	#0	QAM16	22.78	37	PASS
Band17	5	23825	1	#0	QPSK	24.70	37	PASS
Band17	5	23825	1	#Mid	QPSK	24.68	37	PASS
Band17	5	23825	1	#Max	QPSK	24.63	37	PASS
Band17	5	23825	12	#0	QPSK	23.80	37	PASS
Band17	5	23825	12	#Max	QPSK	23.66	37	PASS

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Band17	5	23825	25	#0	QPSK	23.71	37	PASS
Band17	5	23825	1	#0	QAM16	23.86	37	PASS
Band17	5	23825	1	#Mid	QAM16	23.84	37	PASS
Band17	5	23825	1	#Max	QAM16	23.75	37	PASS
Band17	5	23825	12	#0	QAM16	22.78	37	PASS
Band17	5	23825	12	#Max	QAM16	22.65	37	PASS
Band17	5	23825	25	#0	QAM16	22.71	37	PASS
Band17	10	23780	1	#0	QPSK	24.50	37	PASS
Band17	10	23780	1	#Mid	QPSK	24.75	37	PASS
Band17	10	23780	1	#Max	QPSK	24.68	37	PASS
Band17	10	23780	25	#0	QPSK	23.69	37	PASS
Band17	10	23780	25	#Max	QPSK	23.72	37	PASS
Band17	10	23780	50	#0	QPSK	23.76	37	PASS
Band17	10	23780	1	#0	QAM16	23.74	37	PASS
Band17	10	23780	1	#Mid	QAM16	24.02	37	PASS
Band17	10	23780	1	#Max	QAM16	23.98	37	PASS
Band17	10	23780	25	#0	QAM16	22.80	37	PASS
Band17	10	23780	25	#Max	QAM16	22.85	37	PASS
Band17	10	23780	50	#0	QAM16	22.78	37	PASS
Band17	10	23790	1	#0	QPSK	24.55	37	PASS
Band17	10	23790	1	#Mid	QPSK	24.80	37	PASS
Band17	10	23790	1	#Max	QPSK	24.65	37	PASS
Band17	10	23790	25	#0	QPSK	23.74	37	PASS
Band17	10	23790	25	#Max	QPSK	23.76	37	PASS
Band17	10	23790	50	#0	QPSK	23.79	37	PASS
Band17	10	23790	1	#0	QAM16	23.69	37	PASS
Band17	10	23790	1	#Mid	QAM16	23.99	37	PASS
Band17	10	23790	1	#Max	QAM16	23.82	37	PASS
Band17	10	23790	25	#0	QAM16	22.79	37	PASS
Band17	10	23790	25	#Max	QAM16	22.83	37	PASS
Band17	10	23790	50	#0	QAM16	22.78	37	PASS
Band17	10	23800	1	#0	QPSK	24.72	37	PASS
Band17	10	23800	1	#Mid	QPSK	24.98	37	PASS
Band17	10	23800	1	#Max	QPSK	24.78	37	PASS
Band17	10	23800	25	#0	QPSK	23.76	37	PASS
Band17	10	23800	25	#Max	QPSK	23.77	37	PASS
Band17	10	23800	50	#0	QPSK	23.77	37	PASS
Band17	10	23800	1	#0	QAM16	23.46	37	PASS
Band17	10	23800	1	#Mid	QAM16	23.79	37	PASS
Band17	10	23800	1	#Max	QAM16	23.54	37	PASS
Band17	10	23800	25	#0	QAM16	22.78	37	PASS
Band17	10	23800	25	#Max	QAM16	22.81	37	PASS
Band17	10	23800	50	#0	QAM16	22.82	37	PASS
Band2	1.4	18607	1	#0	QPSK	21.49	37	PASS

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Band2	1.4	18607	1	#Mid	QPSK	21.68	37	PASS
Band2	1.4	18607	1	#Max	QPSK	21.46	37	PASS
Band2	1.4	18607	3	#0	QPSK	21.45	37	PASS
Band2	1.4	18607	3	#Max	QPSK	21.45	37	PASS
Band2	1.4	18607	6	#0	QPSK	20.46	37	PASS
Band2	1.4	18607	1	#0	QAM16	20.44	37	PASS
Band2	1.4	18607	1	#Mid	QAM16	20.65	37	PASS
Band2	1.4	18607	1	#Max	QAM16	20.43	37	PASS
Band2	1.4	18607	3	#0	QAM16	20.59	37	PASS
Band2	1.4	18607	3	#Max	QAM16	20.62	37	PASS
Band2	1.4	18607	6	#0	QAM16	19.47	37	PASS
Band2	1.4	18900	1	#0	QPSK	21.32	37	PASS
Band2	1.4	18900	1	#Mid	QPSK	21.52	37	PASS
Band2	1.4	18900	1	#Max	QPSK	21.32	37	PASS
Band2	1.4	18900	3	#0	QPSK	21.37	37	PASS
Band2	1.4	18900	3	#Max	QPSK	21.36	37	PASS
Band2	1.4	18900	6	#0	QPSK	20.38	37	PASS
Band2	1.4	18900	1	#0	QAM16	20.50	37	PASS
Band2	1.4	18900	1	#Mid	QAM16	20.69	37	PASS
Band2	1.4	18900	1	#Max	QAM16	20.53	37	PASS
Band2	1.4	18900	3	#0	QAM16	20.40	37	PASS
Band2	1.4	18900	3	#Max	QAM16	20.45	37	PASS
Band2	1.4	18900	6	#0	QAM16	19.36	37	PASS
Band2	1.4	19193	1	#0	QPSK	21.19	37	PASS
Band2	1.4	19193	1	#Mid	QPSK	21.45	37	PASS
Band2	1.4	19193	1	#Max	QPSK	21.22	37	PASS
Band2	1.4	19193	3	#0	QPSK	21.24	37	PASS
Band2	1.4	19193	3	#Max	QPSK	21.20	37	PASS
Band2	1.4	19193	6	#0	QPSK	20.22	37	PASS
Band2	1.4	19193	1	#0	QAM16	20.09	37	PASS
Band2	1.4	19193	1	#Mid	QAM16	20.25	37	PASS
Band2	1.4	19193	1	#Max	QAM16	20.11	37	PASS
Band2	1.4	19193	3	#0	QAM16	20.20	37	PASS
Band2	1.4	19193	3	#Max	QAM16	20.19	37	PASS
Band2	1.4	19193	6	#0	QAM16	19.21	37	PASS
Band2	3	18615	1	#0	QPSK	21.45	37	PASS
Band2	3	18615	1	#Mid	QPSK	21.41	37	PASS
Band2	3	18615	1	#Max	QPSK	21.38	37	PASS
Band2	3	18615	8	#0	QPSK	20.48	37	PASS
Band2	3	18615	8	#Max	QPSK	20.44	37	PASS
Band2	3	18615	15	#0	QPSK	20.43	37	PASS
Band2	3	18615	1	#0	QAM16	20.75	37	PASS
Band2	3	18615	1	#Mid	QAM16	20.71	37	PASS
Band2	3	18615	1	#Max	QAM16	20.69	37	PASS

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Band2	3	18615	8	#0	QAM16	19.47	37	PASS
Band2	3	18615	8	#Max	QAM16	19.45	37	PASS
Band2	3	18615	15	#0	QAM16	19.41	37	PASS
Band2	3	18900	1	#0	QPSK	21.35	37	PASS
Band2	3	18900	1	#Mid	QPSK	21.37	37	PASS
Band2	3	18900	1	#Max	QPSK	21.43	37	PASS
Band2	3	18900	8	#0	QPSK	20.40	37	PASS
Band2	3	18900	8	#Max	QPSK	20.43	37	PASS
Band2	3	18900	15	#0	QPSK	20.39	37	PASS
Band2	3	18900	1	#0	QAM16	20.56	37	PASS
Band2	3	18900	1	#Mid	QAM16	20.57	37	PASS
Band2	3	18900	1	#Max	QAM16	20.61	37	PASS
Band2	3	18900	8	#0	QAM16	19.39	37	PASS
Band2	3	18900	8	#Max	QAM16	19.40	37	PASS
Band2	3	18900	15	#0	QAM16	19.28	37	PASS
Band2	3	19185	1	#0	QPSK	21.27	37	PASS
Band2	3	19185	1	#Mid	QPSK	21.27	37	PASS
Band2	3	19185	1	#Max	QPSK	21.28	37	PASS
Band2	3	19185	8	#0	QPSK	20.28	37	PASS
Band2	3	19185	8	#Max	QPSK	20.25	37	PASS
Band2	3	19185	15	#0	QPSK	20.23	37	PASS
Band2	3	19185	1	#0	QAM16	20.14	37	PASS
Band2	3	19185	1	#Mid	QAM16	20.16	37	PASS
Band2	3	19185	1	#Max	QAM16	20.16	37	PASS
Band2	3	19185	8	#0	QAM16	19.28	37	PASS
Band2	3	19185	8	#Max	QAM16	19.24	37	PASS
Band2	3	19185	15	#0	QAM16	19.22	37	PASS
Band2	5	18625	1	#0	QPSK	21.39	37	PASS
Band2	5	18625	1	#Mid	QPSK	21.41	37	PASS
Band2	5	18625	1	#Max	QPSK	21.27	37	PASS
Band2	5	18625	12	#0	QPSK	20.49	37	PASS
Band2	5	18625	12	#Max	QPSK	20.35	37	PASS
Band2	5	18625	25	#0	QPSK	20.44	37	PASS
Band2	5	18625	1	#0	QAM16	20.63	37	PASS
Band2	5	18625	1	#Mid	QAM16	20.74	37	PASS
Band2	5	18625	1	#Max	QAM16	20.57	37	PASS
Band2	5	18625	12	#0	QAM16	19.44	37	PASS
Band2	5	18625	12	#Max	QAM16	19.31	37	PASS
Band2	5	18625	25	#0	QAM16	19.46	37	PASS
Band2	5	18900	1	#0	QPSK	21.25	37	PASS
Band2	5	18900	1	#Mid	QPSK	21.43	37	PASS
Band2	5	18900	1	#Max	QPSK	21.35	37	PASS
Band2	5	18900	12	#0	QPSK	20.42	37	PASS
Band2	5	18900	12	#Max	QPSK	20.44	37	PASS

Report

Band2	5	18900	25	#0	QPSK	20.41	37	PASS
Band2	5	18900	1	#0	QAM16	20.50	37	PASS
Band2	5	18900	1	#Mid	QAM16	20.64	37	PASS
Band2	5	18900	1	#Max	QAM16	20.57	37	PASS
Band2	5	18900	12	#0	QAM16	19.35	37	PASS
Band2	5	18900	12	#Max	QAM16	19.36	37	PASS
Band2	5	18900	25	#0	QAM16	19.38	37	PASS
Band2	5	19175	1	#0	QPSK	21.13	37	PASS
Band2	5	19175	1	#Mid	QPSK	21.23	37	PASS
Band2	5	19175	1	#Max	QPSK	21.12	37	PASS
Band2	5	19175	12	#0	QPSK	20.28	37	PASS
Band2	5	19175	12	#Max	QPSK	20.18	37	PASS
Band2	5	19175	25	#0	QPSK	20.22	37	PASS
Band2	5	19175	1	#0	QAM16	20.43	37	PASS
Band2	5	19175	1	#Mid	QAM16	20.51	37	PASS
Band2	5	19175	1	#Max	QAM16	20.43	37	PASS
Band2	5	19175	12	#0	QAM16	19.27	37	PASS
Band2	5	19175	12	#Max	QAM16	19.20	37	PASS
Band2	5	19175	25	#0	QAM16	19.25	37	PASS
Band2	10	18650	1	#0	QPSK	21.43	37	PASS
Band2	10	18650	1	#Mid	QPSK	21.42	37	PASS
Band2	10	18650	1	#Max	QPSK	21.20	37	PASS
Band2	10	18650	25	#0	QPSK	20.52	37	PASS
Band2	10	18650	25	#Max	QPSK	20.32	37	PASS
Band2	10	18650	50	#0	QPSK	20.40	37	PASS
Band2	10	18650	1	#0	QAM16	20.74	37	PASS
Band2	10	18650	1	#Mid	QAM16	20.68	37	PASS
Band2	10	18650	1	#Max	QAM16	20.52	37	PASS
Band2	10	18650	25	#0	QAM16	19.58	37	PASS
Band2	10	18650	25	#Max	QAM16	19.37	37	PASS
Band2	10	18650	50	#0	QAM16	19.41	37	PASS
Band2	10	18900	1	#0	QPSK	21.25	37	PASS
Band2	10	18900	1	#Mid	QPSK	21.51	37	PASS
Band2	10	18900	1	#Max	QPSK	21.49	37	PASS
Band2	10	18900	25	#0	QPSK	20.37	37	PASS
Band2	10	18900	25	#Max	QPSK	20.45	37	PASS
Band2	10	18900	50	#0	QPSK	20.38	37	PASS
Band2	10	18900	1	#0	QAM16	20.48	37	PASS
Band2	10	18900	1	#Mid	QAM16	20.73	37	PASS
Band2	10	18900	1	#Max	QAM16	20.66	37	PASS
Band2	10	18900	25	#0	QAM16	19.41	37	PASS
Band2	10	18900	25	#Max	QAM16	19.51	37	PASS
Band2	10	18900	50	#0	QAM16	19.38	37	PASS
Band2	10	19150	1	#0	QPSK	21.39	37	PASS

Report

Band2	10	19150	1	#Mid	QPSK	21.47	37	PASS
Band2	10	19150	1	#Max	QPSK	21.27	37	PASS
Band2	10	19150	25	#0	QPSK	20.31	37	PASS
Band2	10	19150	25	#Max	QPSK	20.25	37	PASS
Band2	10	19150	50	#0	QPSK	20.27	37	PASS
Band2	10	19150	1	#0	QAM16	20.26	37	PASS
Band2	10	19150	1	#Mid	QAM16	20.33	37	PASS
Band2	10	19150	1	#Max	QAM16	20.16	37	PASS
Band2	10	19150	25	#0	QAM16	19.30	37	PASS
Band2	10	19150	25	#Max	QAM16	19.27	37	PASS
Band2	10	19150	50	#0	QAM16	19.26	37	PASS
Band2	15	18675	1	#0	QPSK	21.37	37	PASS
Band2	15	18675	1	#Mid	QPSK	21.30	37	PASS
Band2	15	18675	1	#Max	QPSK	21.06	37	PASS
Band2	15	18675	36	#0	QPSK	20.52	37	PASS
Band2	15	18675	36	#Max	QPSK	20.22	37	PASS
Band2	15	18675	75	#0	QPSK	20.36	37	PASS
Band2	15	18675	1	#0	QAM16	20.65	37	PASS
Band2	15	18675	1	#Mid	QAM16	20.59	37	PASS
Band2	15	18675	1	#Max	QAM16	20.38	37	PASS
Band2	15	18675	36	#0	QAM16	19.47	37	PASS
Band2	15	18675	36	#Max	QAM16	19.21	37	PASS
Band2	15	18675	75	#0	QAM16	19.37	37	PASS
Band2	15	18900	1	#0	QPSK	21.14	37	PASS
Band2	15	18900	1	#Mid	QPSK	21.43	37	PASS
Band2	15	18900	1	#Max	QPSK	21.42	37	PASS
Band2	15	18900	36	#0	QPSK	20.33	37	PASS
Band2	15	18900	36	#Max	QPSK	20.44	37	PASS
Band2	15	18900	75	#0	QPSK	20.43	37	PASS
Band2	15	18900	1	#0	QAM16	20.32	37	PASS
Band2	15	18900	1	#Mid	QAM16	20.59	37	PASS
Band2	15	18900	1	#Max	QAM16	20.62	37	PASS
Band2	15	18900	36	#0	QAM16	19.30	37	PASS
Band2	15	18900	36	#Max	QAM16	19.44	37	PASS
Band2	15	18900	75	#0	QAM16	19.38	37	PASS
Band2	15	19125	1	#0	QPSK	21.45	37	PASS
Band2	15	19125	1	#Mid	QPSK	21.35	37	PASS
Band2	15	19125	1	#Max	QPSK	21.19	37	PASS
Band2	15	19125	36	#0	QPSK	20.41	37	PASS
Band2	15	19125	36	#Max	QPSK	20.31	37	PASS
Band2	15	19125	75	#0	QPSK	20.35	37	PASS
Band2	15	19125	1	#0	QAM16	20.48	37	PASS
Band2	15	19125	1	#Mid	QAM16	20.42	37	PASS
Band2	15	19125	1	#Max	QAM16	20.22	37	PASS

Report

Band2	15	19125	36	#0	QAM16	19.36	37	PASS
Band2	15	19125	36	#Max	QAM16	19.31	37	PASS
Band2	15	19125	75	#0	QAM16	19.36	37	PASS
Band2	20	18700	1	#0	QPSK	21.17	37	PASS
Band2	20	18700	1	#Mid	QPSK	21.34	37	PASS
Band2	20	18700	1	#Max	QPSK	20.89	37	PASS
Band2	20	18700	50	#0	QPSK	20.44	37	PASS
Band2	20	18700	50	#Max	QPSK	20.21	37	PASS
Band2	20	18700	100	#0	QPSK	20.35	37	PASS
Band2	20	18700	1	#0	QAM16	20.41	37	PASS
Band2	20	18700	1	#Mid	QAM16	20.62	37	PASS
Band2	20	18700	1	#Max	QAM16	20.11	37	PASS
Band2	20	18700	50	#0	QAM16	19.48	37	PASS
Band2	20	18700	50	#Max	QAM16	19.23	37	PASS
Band2	20	18700	100	#0	QAM16	19.36	37	PASS
Band2	20	18900	1	#0	QPSK	21.00	37	PASS
Band2	20	18900	1	#Mid	QPSK	21.58	37	PASS
Band2	20	18900	1	#Max	QPSK	21.35	37	PASS
Band2	20	18900	50	#0	QPSK	20.25	37	PASS
Band2	20	18900	50	#Max	QPSK	20.35	37	PASS
Band2	20	18900	100	#0	QPSK	20.26	37	PASS
Band2	20	18900	1	#0	QAM16	19.90	37	PASS
Band2	20	18900	1	#Mid	QAM16	20.42	37	PASS
Band2	20	18900	1	#Max	QAM16	20.23	37	PASS
Band2	20	18900	50	#0	QAM16	19.23	37	PASS
Band2	20	18900	50	#Max	QAM16	19.33	37	PASS
Band2	20	18900	100	#0	QAM16	19.30	37	PASS
Band2	20	19100	1	#0	QPSK	21.29	37	PASS
Band2	20	19100	1	#Mid	QPSK	21.53	37	PASS
Band2	20	19100	1	#Max	QPSK	21.03	37	PASS
Band2	20	19100	50	#0	QPSK	20.51	37	PASS
Band2	20	19100	50	#Max	QPSK	20.37	37	PASS
Band2	20	19100	100	#0	QPSK	20.46	37	PASS
Band2	20	19100	1	#0	QAM16	20.17	37	PASS
Band2	20	19100	1	#Mid	QAM16	20.33	37	PASS
Band2	20	19100	1	#Max	QAM16	19.86	37	PASS
Band2	20	19100	50	#0	QAM16	19.57	37	PASS
Band2	20	19100	50	#Max	QAM16	19.41	37	PASS
Band2	20	19100	100	#0	QAM16	19.48	37	PASS
Band25	1.4	26047	1	#0	QPSK	21.96	37	PASS
Band25	1.4	26047	1	#Mid	QPSK	22.14	37	PASS
Band25	1.4	26047	1	#Max	QPSK	21.94	37	PASS
Band25	1.4	26047	3	#0	QPSK	21.93	37	PASS
Band25	1.4	26047	3	#Max	QPSK	21.95	37	PASS

Report

Band25	1.4	26047	6	#0	QPSK	20.94	37	PASS
Band25	1.4	26047	1	#0	QAM16	20.91	37	PASS
Band25	1.4	26047	1	#Mid	QAM16	21.15	37	PASS
Band25	1.4	26047	1	#Max	QAM16	20.91	37	PASS
Band25	1.4	26047	3	#0	QAM16	21.07	37	PASS
Band25	1.4	26047	3	#Max	QAM16	21.10	37	PASS
Band25	1.4	26047	6	#0	QAM16	19.96	37	PASS
Band25	1.4	26365	1	#0	QPSK	21.79	37	PASS
Band25	1.4	26365	1	#Mid	QPSK	22.00	37	PASS
Band25	1.4	26365	1	#Max	QPSK	21.78	37	PASS
Band25	1.4	26365	3	#0	QPSK	21.87	37	PASS
Band25	1.4	26365	3	#Max	QPSK	21.84	37	PASS
Band25	1.4	26365	6	#0	QPSK	20.85	37	PASS
Band25	1.4	26365	1	#0	QAM16	20.99	37	PASS
Band25	1.4	26365	1	#Mid	QAM16	21.19	37	PASS
Band25	1.4	26365	1	#Max	QAM16	21.02	37	PASS
Band25	1.4	26365	3	#0	QAM16	20.86	37	PASS
Band25	1.4	26365	3	#Max	QAM16	20.91	37	PASS
Band25	1.4	26365	6	#0	QAM16	19.80	37	PASS
Band25	1.4	26683	1	#0	QPSK	21.65	37	PASS
Band25	1.4	26683	1	#Mid	QPSK	21.83	37	PASS
Band25	1.4	26683	1	#Max	QPSK	21.68	37	PASS
Band25	1.4	26683	3	#0	QPSK	21.68	37	PASS
Band25	1.4	26683	3	#Max	QPSK	21.66	37	PASS
Band25	1.4	26683	6	#0	QPSK	20.67	37	PASS
Band25	1.4	26683	1	#0	QAM16	20.55	37	PASS
Band25	1.4	26683	1	#Mid	QAM16	20.72	37	PASS
Band25	1.4	26683	1	#Max	QAM16	20.54	37	PASS
Band25	1.4	26683	3	#0	QAM16	20.67	37	PASS
Band25	1.4	26683	3	#Max	QAM16	20.66	37	PASS
Band25	1.4	26683	6	#0	QAM16	19.67	37	PASS
Band25	3	26055	1	#0	QPSK	21.93	37	PASS
Band25	3	26055	1	#Mid	QPSK	21.87	37	PASS
Band25	3	26055	1	#Max	QPSK	21.79	37	PASS
Band25	3	26055	8	#0	QPSK	20.92	37	PASS
Band25	3	26055	8	#Max	QPSK	20.88	37	PASS
Band25	3	26055	15	#0	QPSK	20.86	37	PASS
Band25	3	26055	1	#0	QAM16	21.22	37	PASS
Band25	3	26055	1	#Mid	QAM16	21.13	37	PASS
Band25	3	26055	1	#Max	QAM16	21.10	37	PASS
Band25	3	26055	8	#0	QAM16	19.94	37	PASS
Band25	3	26055	8	#Max	QAM16	19.88	37	PASS
Band25	3	26055	15	#0	QAM16	19.82	37	PASS
Band25	3	26365	1	#0	QPSK	21.84	37	PASS

Report

Band25	3	26365	1	#Mid	QPSK	21.85	37	PASS
Band25	3	26365	1	#Max	QPSK	21.86	37	PASS
Band25	3	26365	8	#0	QPSK	20.87	37	PASS
Band25	3	26365	8	#Max	QPSK	20.88	37	PASS
Band25	3	26365	15	#0	QPSK	20.83	37	PASS
Band25	3	26365	1	#0	QAM16	21.06	37	PASS
Band25	3	26365	1	#Mid	QAM16	21.02	37	PASS
Band25	3	26365	1	#Max	QAM16	21.07	37	PASS
Band25	3	26365	8	#0	QAM16	19.85	37	PASS
Band25	3	26365	8	#Max	QAM16	19.86	37	PASS
Band25	3	26365	15	#0	QAM16	19.74	37	PASS
Band25	3	26675	1	#0	QPSK	21.53	37	PASS
Band25	3	26675	1	#Mid	QPSK	21.44	37	PASS
Band25	3	26675	1	#Max	QPSK	21.34	37	PASS
Band25	3	26675	8	#0	QPSK	20.22	37	PASS
Band25	3	26675	8	#Max	QPSK	20.25	37	PASS
Band25	3	26675	15	#0	QPSK	20.18	37	PASS
Band25	3	26675	1	#0	QAM16	20.09	37	PASS
Band25	3	26675	1	#Mid	QAM16	20.14	37	PASS
Band25	3	26675	1	#Max	QAM16	20.08	37	PASS
Band25	3	26675	8	#0	QAM16	19.21	37	PASS
Band25	3	26675	8	#Max	QAM16	19.22	37	PASS
Band25	3	26675	15	#0	QAM16	19.18	37	PASS
Band25	5	26065	1	#0	QPSK	21.39	37	PASS
Band25	5	26065	1	#Mid	QPSK	21.36	37	PASS
Band25	5	26065	1	#Max	QPSK	21.14	37	PASS
Band25	5	26065	12	#0	QPSK	20.77	37	PASS
Band25	5	26065	12	#Max	QPSK	20.77	37	PASS
Band25	5	26065	25	#0	QPSK	20.85	37	PASS
Band25	5	26065	1	#0	QAM16	20.61	37	PASS
Band25	5	26065	1	#Mid	QAM16	20.61	37	PASS
Band25	5	26065	1	#Max	QAM16	20.47	37	PASS
Band25	5	26065	12	#0	QAM16	19.63	37	PASS
Band25	5	26065	12	#Max	QAM16	19.73	37	PASS
Band25	5	26065	25	#0	QAM16	19.84	37	PASS
Band25	5	26365	1	#0	QPSK	21.26	37	PASS
Band25	5	26365	1	#Mid	QPSK	21.42	37	PASS
Band25	5	26365	1	#Max	QPSK	21.32	37	PASS
Band25	5	26365	12	#0	QPSK	20.54	37	PASS
Band25	5	26365	12	#Max	QPSK	20.45	37	PASS
Band25	5	26365	25	#0	QPSK	20.46	37	PASS
Band25	5	26365	1	#0	QAM16	20.54	37	PASS
Band25	5	26365	1	#Mid	QAM16	20.68	37	PASS
Band25	5	26365	1	#Max	QAM16	20.60	37	PASS

Report

Band25	5	26365	12	#0	QAM16	19.36	37	PASS
Band25	5	26365	12	#Max	QAM16	19.46	37	PASS
Band25	5	26365	25	#0	QAM16	19.48	37	PASS
Band25	5	26665	1	#0	QPSK	21.08	37	PASS
Band25	5	26665	1	#Mid	QPSK	21.20	37	PASS
Band25	5	26665	1	#Max	QPSK	21.10	37	PASS
Band25	5	26665	12	#0	QPSK	20.26	37	PASS
Band25	5	26665	12	#Max	QPSK	20.23	37	PASS
Band25	5	26665	25	#0	QPSK	20.23	37	PASS
Band25	5	26665	1	#0	QAM16	20.26	37	PASS
Band25	5	26665	1	#Mid	QAM16	20.41	37	PASS
Band25	5	26665	1	#Max	QAM16	20.30	37	PASS
Band25	5	26665	12	#0	QAM16	19.20	37	PASS
Band25	5	26665	12	#Max	QAM16	19.18	37	PASS
Band25	5	26665	25	#0	QAM16	19.21	37	PASS
Band25	10	26090	1	#0	QPSK	21.42	37	PASS
Band25	10	26090	1	#Mid	QPSK	21.39	37	PASS
Band25	10	26090	1	#Max	QPSK	21.16	37	PASS
Band25	10	26090	25	#0	QPSK	20.43	37	PASS
Band25	10	26090	25	#Max	QPSK	20.27	37	PASS
Band25	10	26090	50	#0	QPSK	20.37	37	PASS
Band25	10	26090	1	#0	QAM16	20.70	37	PASS
Band25	10	26090	1	#Mid	QAM16	20.70	37	PASS
Band25	10	26090	1	#Max	QAM16	20.48	37	PASS
Band25	10	26090	25	#0	QAM16	19.52	37	PASS
Band25	10	26090	25	#Max	QAM16	19.33	37	PASS
Band25	10	26090	50	#0	QAM16	19.35	37	PASS
Band25	10	26365	1	#0	QPSK	21.31	37	PASS
Band25	10	26365	1	#Mid	QPSK	21.52	37	PASS
Band25	10	26365	1	#Max	QPSK	21.47	37	PASS
Band25	10	26365	25	#0	QPSK	20.43	37	PASS
Band25	10	26365	25	#Max	QPSK	20.43	37	PASS
Band25	10	26365	50	#0	QPSK	20.41	37	PASS
Band25	10	26365	1	#0	QAM16	20.46	37	PASS
Band25	10	26365	1	#Mid	QAM16	20.66	37	PASS
Band25	10	26365	1	#Max	QAM16	20.61	37	PASS
Band25	10	26365	25	#0	QAM16	19.43	37	PASS
Band25	10	26365	25	#Max	QAM16	19.43	37	PASS
Band25	10	26365	50	#0	QAM16	19.39	37	PASS
Band25	10	26640	1	#0	QPSK	21.25	37	PASS
Band25	10	26640	1	#Mid	QPSK	21.28	37	PASS
Band25	10	26640	1	#Max	QPSK	21.23	37	PASS
Band25	10	26640	25	#0	QPSK	20.32	37	PASS
Band25	10	26640	25	#Max	QPSK	20.17	37	PASS

Report

Band25	10	26640	50	#0	QPSK	20.24	37	PASS
Band25	10	26640	1	#0	QAM16	20.07	37	PASS
Band25	10	26640	1	#Mid	QAM16	20.24	37	PASS
Band25	10	26640	1	#Max	QAM16	20.05	37	PASS
Band25	10	26640	25	#0	QAM16	19.34	37	PASS
Band25	10	26640	25	#Max	QAM16	19.18	37	PASS
Band25	10	26640	50	#0	QAM16	19.25	37	PASS
Band25	15	26115	1	#0	QPSK	21.38	37	PASS
Band25	15	26115	1	#Mid	QPSK	21.26	37	PASS
Band25	15	26115	1	#Max	QPSK	21.04	37	PASS
Band25	15	26115	36	#0	QPSK	20.43	37	PASS
Band25	15	26115	36	#Max	QPSK	20.18	37	PASS
Band25	15	26115	75	#0	QPSK	20.32	37	PASS
Band25	15	26115	1	#0	QAM16	20.64	37	PASS
Band25	15	26115	1	#Mid	QAM16	20.56	37	PASS
Band25	15	26115	1	#Max	QAM16	20.32	37	PASS
Band25	15	26115	36	#0	QAM16	19.41	37	PASS
Band25	15	26115	36	#Max	QAM16	19.19	37	PASS
Band25	15	26115	75	#0	QAM16	19.34	37	PASS
Band25	15	26365	1	#0	QPSK	21.22	37	PASS
Band25	15	26365	1	#Mid	QPSK	21.42	37	PASS
Band25	15	26365	1	#Max	QPSK	21.41	37	PASS
Band25	15	26365	36	#0	QPSK	20.39	37	PASS
Band25	15	26365	36	#Max	QPSK	20.42	37	PASS
Band25	15	26365	75	#0	QPSK	20.40	37	PASS
Band25	15	26365	1	#0	QAM16	20.35	37	PASS
Band25	15	26365	1	#Mid	QAM16	20.60	37	PASS
Band25	15	26365	1	#Max	QAM16	20.58	37	PASS
Band25	15	26365	36	#0	QAM16	19.36	37	PASS
Band25	15	26365	36	#Max	QAM16	19.37	37	PASS
Band25	15	26365	75	#0	QAM16	19.39	37	PASS
Band25	15	26615	1	#0	QPSK	21.27	37	PASS
Band25	15	26615	1	#Mid	QPSK	21.23	37	PASS
Band25	15	26615	1	#Max	QPSK	21.15	37	PASS
Band25	15	26615	36	#0	QPSK	20.24	37	PASS
Band25	15	26615	36	#Max	QPSK	20.14	37	PASS
Band25	15	26615	75	#0	QPSK	20.21	37	PASS
Band25	15	26615	1	#0	QAM16	20.31	37	PASS
Band25	15	26615	1	#Mid	QAM16	20.26	37	PASS
Band25	15	26615	1	#Max	QAM16	20.17	37	PASS
Band25	15	26615	36	#0	QAM16	19.17	37	PASS
Band25	15	26615	36	#Max	QAM16	19.10	37	PASS
Band25	15	26615	75	#0	QAM16	19.18	37	PASS
Band25	20	26140	1	#0	QPSK	21.17	37	PASS

Report

Band25	20	26140	1	#Mid	QPSK	21.30	37	PASS
Band25	20	26140	1	#Max	QPSK	20.87	37	PASS
Band25	20	26140	50	#0	QPSK	20.39	37	PASS
Band25	20	26140	50	#Max	QPSK	20.16	37	PASS
Band25	20	26140	100	#0	QPSK	20.29	37	PASS
Band25	20	26140	1	#0	QAM16	20.40	37	PASS
Band25	20	26140	1	#Mid	QAM16	20.60	37	PASS
Band25	20	26140	1	#Max	QAM16	20.08	37	PASS
Band25	20	26140	50	#0	QAM16	19.43	37	PASS
Band25	20	26140	50	#Max	QAM16	19.20	37	PASS
Band25	20	26140	100	#0	QAM16	19.29	37	PASS
Band25	20	26365	1	#0	QPSK	21.05	37	PASS
Band25	20	26365	1	#Mid	QPSK	21.59	37	PASS
Band25	20	26365	1	#Max	QPSK	21.29	37	PASS
Band25	20	26365	50	#0	QPSK	20.30	37	PASS
Band25	20	26365	50	#Max	QPSK	20.32	37	PASS
Band25	20	26365	100	#0	QPSK	20.32	37	PASS
Band25	20	26365	1	#0	QAM16	19.91	37	PASS
Band25	20	26365	1	#Mid	QAM16	20.44	37	PASS
Band25	20	26365	1	#Max	QAM16	20.13	37	PASS
Band25	20	26365	50	#0	QAM16	19.32	37	PASS
Band25	20	26365	50	#Max	QAM16	19.31	37	PASS
Band25	20	26365	100	#0	QAM16	19.34	37	PASS
Band25	20	26590	1	#0	QPSK	21.20	37	PASS
Band25	20	26590	1	#Mid	QPSK	21.34	37	PASS
Band25	20	26590	1	#Max	QPSK	20.97	37	PASS
Band25	20	26590	50	#0	QPSK	20.18	37	PASS
Band25	20	26590	50	#Max	QPSK	19.98	37	PASS
Band25	20	26590	100	#0	QPSK	20.07	37	PASS
Band25	20	26590	1	#0	QAM16	20.04	37	PASS
Band25	20	26590	1	#Mid	QAM16	20.18	37	PASS
Band25	20	26590	1	#Max	QAM16	19.79	37	PASS
Band25	20	26590	50	#0	QAM16	19.23	37	PASS
Band25	20	26590	50	#Max	QAM16	19.03	37	PASS
Band25	20	26590	100	#0	QAM16	19.08	37	PASS
Band26(824-849)	1.4	26797	1	#0	QPSK	23.65	37	PASS
Band26(824-849)	1.4	26797	1	#Mid	QPSK	23.83	37	PASS
Band26(824-849)	1.4	26797	1	#Max	QPSK	23.65	37	PASS
Band26(824-849)	1.4	26797	3	#0	QPSK	23.63	37	PASS
Band26(824-849)	1.4	26797	3	#Max	QPSK	23.63	37	PASS
Band26(824-849)	1.4	26797	6	#0	QPSK	22.60	37	PASS
Band26(824-849)	1.4	26797	1	#0	QAM16	22.59	37	PASS
Band26(824-849)	1.4	26797	1	#Mid	QAM16	22.81	37	PASS
Band26(824-849)	1.4	26797	1	#Max	QAM16	22.55	37	PASS

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Band26(824-849)	1.4	26797	3	#0	QAM16	22.78	37	PASS
Band26(824-849)	1.4	26797	3	#Max	QAM16	22.80	37	PASS
Band26(824-849)	1.4	26797	6	#0	QAM16	21.61	37	PASS
Band26(824-849)	1.4	26915	1	#0	QPSK	23.42	37	PASS
Band26(824-849)	1.4	26915	1	#Mid	QPSK	23.61	37	PASS
Band26(824-849)	1.4	26915	1	#Max	QPSK	23.39	37	PASS
Band26(824-849)	1.4	26915	3	#0	QPSK	23.48	37	PASS
Band26(824-849)	1.4	26915	3	#Max	QPSK	23.46	37	PASS
Band26(824-849)	1.4	26915	6	#0	QPSK	22.46	37	PASS
Band26(824-849)	1.4	26915	1	#0	QAM16	22.58	37	PASS
Band26(824-849)	1.4	26915	1	#Mid	QAM16	22.79	37	PASS
Band26(824-849)	1.4	26915	1	#Max	QAM16	22.59	37	PASS
Band26(824-849)	1.4	26915	3	#0	QAM16	22.47	37	PASS
Band26(824-849)	1.4	26915	3	#Max	QAM16	22.50	37	PASS
Band26(824-849)	1.4	26915	6	#0	QAM16	21.46	37	PASS
Band26(824-849)	1.4	27033	1	#0	QPSK	23.60	37	PASS
Band26(824-849)	1.4	27033	1	#Mid	QPSK	23.83	37	PASS
Band26(824-849)	1.4	27033	1	#Max	QPSK	23.66	37	PASS
Band26(824-849)	1.4	27033	3	#0	QPSK	23.69	37	PASS
Band26(824-849)	1.4	27033	3	#Max	QPSK	23.63	37	PASS
Band26(824-849)	1.4	27033	6	#0	QPSK	22.64	37	PASS
Band26(824-849)	1.4	27033	1	#0	QAM16	22.48	37	PASS
Band26(824-849)	1.4	27033	1	#Mid	QAM16	22.66	37	PASS
Band26(824-849)	1.4	27033	1	#Max	QAM16	22.51	37	PASS
Band26(824-849)	1.4	27033	3	#0	QAM16	22.59	37	PASS
Band26(824-849)	1.4	27033	3	#Max	QAM16	22.59	37	PASS
Band26(824-849)	1.4	27033	6	#0	QAM16	21.60	37	PASS
Band26(824-849)	3	26805	1	#0	QPSK	23.54	37	PASS
Band26(824-849)	3	26805	1	#Mid	QPSK	23.54	37	PASS
Band26(824-849)	3	26805	1	#Max	QPSK	23.47	37	PASS
Band26(824-849)	3	26805	8	#0	QPSK	22.52	37	PASS
Band26(824-849)	3	26805	8	#Max	QPSK	22.54	37	PASS
Band26(824-849)	3	26805	15	#0	QPSK	22.52	37	PASS
Band26(824-849)	3	26805	1	#0	QAM16	22.82	37	PASS
Band26(824-849)	3	26805	1	#Mid	QAM16	22.84	37	PASS
Band26(824-849)	3	26805	1	#Max	QAM16	22.77	37	PASS
Band26(824-849)	3	26805	8	#0	QAM16	21.56	37	PASS
Band26(824-849)	3	26805	8	#Max	QAM16	21.58	37	PASS
Band26(824-849)	3	26805	15	#0	QAM16	21.50	37	PASS
Band26(824-849)	3	26915	1	#0	QPSK	23.42	37	PASS
Band26(824-849)	3	26915	1	#Mid	QPSK	23.41	37	PASS
Band26(824-849)	3	26915	1	#Max	QPSK	23.44	37	PASS
Band26(824-849)	3	26915	8	#0	QPSK	22.41	37	PASS
Band26(824-849)	3	26915	8	#Max	QPSK	22.46	37	PASS

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Band26(824-849)	3	26915	15	#0	QPSK	22.44	37	PASS
Band26(824-849)	3	26915	1	#0	QAM16	22.59	37	PASS
Band26(824-849)	3	26915	1	#Mid	QAM16	22.57	37	PASS
Band26(824-849)	3	26915	1	#Max	QAM16	22.59	37	PASS
Band26(824-849)	3	26915	8	#0	QAM16	21.41	37	PASS
Band26(824-849)	3	26915	8	#Max	QAM16	21.45	37	PASS
Band26(824-849)	3	26915	15	#0	QAM16	21.30	37	PASS
Band26(824-849)	3	27025	1	#0	QPSK	23.58	37	PASS
Band26(824-849)	3	27025	1	#Mid	QPSK	23.68	37	PASS
Band26(824-849)	3	27025	1	#Max	QPSK	23.65	37	PASS
Band26(824-849)	3	27025	8	#0	QPSK	22.58	37	PASS
Band26(824-849)	3	27025	8	#Max	QPSK	22.59	37	PASS
Band26(824-849)	3	27025	15	#0	QPSK	22.57	37	PASS
Band26(824-849)	3	27025	1	#0	QAM16	22.42	37	PASS
Band26(824-849)	3	27025	1	#Mid	QAM16	22.52	37	PASS
Band26(824-849)	3	27025	1	#Max	QAM16	22.49	37	PASS
Band26(824-849)	3	27025	8	#0	QAM16	21.60	37	PASS
Band26(824-849)	3	27025	8	#Max	QAM16	21.61	37	PASS
Band26(824-849)	3	27025	15	#0	QAM16	21.58	37	PASS
Band26(824-849)	5	26815	1	#0	QPSK	23.43	37	PASS
Band26(824-849)	5	26815	1	#Mid	QPSK	23.54	37	PASS
Band26(824-849)	5	26815	1	#Max	QPSK	23.38	37	PASS
Band26(824-849)	5	26815	12	#0	QPSK	22.49	37	PASS
Band26(824-849)	5	26815	12	#Max	QPSK	22.49	37	PASS
Band26(824-849)	5	26815	25	#0	QPSK	22.51	37	PASS
Band26(824-849)	5	26815	1	#0	QAM16	22.75	37	PASS
Band26(824-849)	5	26815	1	#Mid	QAM16	22.88	37	PASS
Band26(824-849)	5	26815	1	#Max	QAM16	22.68	37	PASS
Band26(824-849)	5	26815	12	#0	QAM16	21.45	37	PASS
Band26(824-849)	5	26815	12	#Max	QAM16	21.51	37	PASS
Band26(824-849)	5	26815	25	#0	QAM16	21.55	37	PASS
Band26(824-849)	5	26915	1	#0	QPSK	23.28	37	PASS
Band26(824-849)	5	26915	1	#Mid	QPSK	23.43	37	PASS
Band26(824-849)	5	26915	1	#Max	QPSK	23.30	37	PASS
Band26(824-849)	5	26915	12	#0	QPSK	22.45	37	PASS
Band26(824-849)	5	26915	12	#Max	QPSK	22.47	37	PASS
Band26(824-849)	5	26915	25	#0	QPSK	22.47	37	PASS
Band26(824-849)	5	26915	1	#0	QAM16	22.49	37	PASS
Band26(824-849)	5	26915	1	#Mid	QAM16	22.65	37	PASS
Band26(824-849)	5	26915	1	#Max	QAM16	22.55	37	PASS
Band26(824-849)	5	26915	12	#0	QAM16	21.36	37	PASS
Band26(824-849)	5	26915	12	#Max	QAM16	21.41	37	PASS
Band26(824-849)	5	26915	25	#0	QAM16	21.42	37	PASS
Band26(824-849)	5	27015	1	#0	QPSK	23.34	37	PASS

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Band26(824-849)	5	27015	1	#Mid	QPSK	23.54	37	PASS
Band26(824-849)	5	27015	1	#Max	QPSK	23.46	37	PASS
Band26(824-849)	5	27015	12	#0	QPSK	22.60	37	PASS
Band26(824-849)	5	27015	12	#Max	QPSK	22.62	37	PASS
Band26(824-849)	5	27015	25	#0	QPSK	22.60	37	PASS
Band26(824-849)	5	27015	1	#0	QAM16	22.64	37	PASS
Band26(824-849)	5	27015	1	#Mid	QAM16	22.82	37	PASS
Band26(824-849)	5	27015	1	#Max	QAM16	22.72	37	PASS
Band26(824-849)	5	27015	12	#0	QAM16	21.61	37	PASS
Band26(824-849)	5	27015	12	#Max	QAM16	21.63	37	PASS
Band26(824-849)	5	27015	25	#0	QAM16	21.61	37	PASS
Band26(824-849)	10	26840	1	#0	QPSK	23.53	37	PASS
Band26(824-849)	10	26840	1	#Mid	QPSK	23.58	37	PASS
Band26(824-849)	10	26840	1	#Max	QPSK	23.36	37	PASS
Band26(824-849)	10	26840	25	#0	QPSK	22.53	37	PASS
Band26(824-849)	10	26840	25	#Max	QPSK	22.44	37	PASS
Band26(824-849)	10	26840	50	#0	QPSK	22.48	37	PASS
Band26(824-849)	10	26840	1	#0	QAM16	22.83	37	PASS
Band26(824-849)	10	26840	1	#Mid	QAM16	22.83	37	PASS
Band26(824-849)	10	26840	1	#Max	QAM16	22.65	37	PASS
Band26(824-849)	10	26840	25	#0	QAM16	21.60	37	PASS
Band26(824-849)	10	26840	25	#Max	QAM16	21.51	37	PASS
Band26(824-849)	10	26840	50	#0	QAM16	21.48	37	PASS
Band26(824-849)	10	26915	1	#0	QPSK	23.42	37	PASS
Band26(824-849)	10	26915	1	#Mid	QPSK	23.50	37	PASS
Band26(824-849)	10	26915	1	#Max	QPSK	23.41	37	PASS
Band26(824-849)	10	26915	25	#0	QPSK	22.52	37	PASS
Band26(824-849)	10	26915	25	#Max	QPSK	22.54	37	PASS
Band26(824-849)	10	26915	50	#0	QPSK	22.52	37	PASS
Band26(824-849)	10	26915	1	#0	QAM16	22.56	37	PASS
Band26(824-849)	10	26915	1	#Mid	QAM16	22.80	37	PASS
Band26(824-849)	10	26915	1	#Max	QAM16	22.60	37	PASS
Band26(824-849)	10	26915	25	#0	QAM16	21.55	37	PASS
Band26(824-849)	10	26915	25	#Max	QAM16	21.59	37	PASS
Band26(824-849)	10	26915	50	#0	QAM16	21.49	37	PASS
Band26(824-849)	10	26990	1	#0	QPSK	23.52	37	PASS
Band26(824-849)	10	26990	1	#Mid	QPSK	23.76	37	PASS
Band26(824-849)	10	26990	1	#Max	QPSK	23.65	37	PASS
Band26(824-849)	10	26990	25	#0	QPSK	22.52	37	PASS
Band26(824-849)	10	26990	25	#Max	QPSK	22.53	37	PASS
Band26(824-849)	10	26990	50	#0	QPSK	22.55	37	PASS
Band26(824-849)	10	26990	1	#0	QAM16	22.31	37	PASS
Band26(824-849)	10	26990	1	#Mid	QAM16	22.51	37	PASS
Band26(824-849)	10	26990	1	#Max	QAM16	22.46	37	PASS

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Band26(824-849)	10	26990	25	#0	QAM16	21.54	37	PASS
Band26(824-849)	10	26990	25	#Max	QAM16	21.54	37	PASS
Band26(824-849)	10	26990	50	#0	QAM16	21.55	37	PASS
Band26(824-849)	15	26865	1	#0	QPSK	23.47	37	PASS
Band26(824-849)	15	26865	1	#Mid	QPSK	23.39	37	PASS
Band26(824-849)	15	26865	1	#Max	QPSK	23.36	37	PASS
Band26(824-849)	15	26865	36	#0	QPSK	22.53	37	PASS
Band26(824-849)	15	26865	36	#Max	QPSK	22.44	37	PASS
Band26(824-849)	15	26865	75	#0	QPSK	22.50	37	PASS
Band26(824-849)	15	26865	1	#0	QAM16	22.79	37	PASS
Band26(824-849)	15	26865	1	#Mid	QAM16	22.67	37	PASS
Band26(824-849)	15	26865	1	#Max	QAM16	22.63	37	PASS
Band26(824-849)	15	26865	36	#0	QAM16	21.49	37	PASS
Band26(824-849)	15	26865	36	#Max	QAM16	21.45	37	PASS
Band26(824-849)	15	26865	75	#0	QAM16	21.47	37	PASS
Band26(824-849)	15	26915	1	#0	QPSK	23.38	37	PASS
Band26(824-849)	15	26915	1	#Mid	QPSK	23.43	37	PASS
Band26(824-849)	15	26915	1	#Max	QPSK	23.40	37	PASS
Band26(824-849)	15	26915	36	#0	QPSK	22.52	37	PASS
Band26(824-849)	15	26915	36	#Max	QPSK	22.51	37	PASS
Band26(824-849)	15	26915	75	#0	QPSK	22.50	37	PASS
Band26(824-849)	15	26915	1	#0	QAM16	22.55	37	PASS
Band26(824-849)	15	26915	1	#Mid	QAM16	22.63	37	PASS
Band26(824-849)	15	26915	1	#Max	QAM16	22.58	37	PASS
Band26(824-849)	15	26915	36	#0	QAM16	21.46	37	PASS
Band26(824-849)	15	26915	36	#Max	QAM16	21.46	37	PASS
Band26(824-849)	15	26915	75	#0	QAM16	21.45	37	PASS
Band26(824-849)	15	26965	1	#0	QPSK	23.36	37	PASS
Band26(824-849)	15	26965	1	#Mid	QPSK	23.51	37	PASS
Band26(824-849)	15	26965	1	#Max	QPSK	23.57	37	PASS
Band26(824-849)	15	26965	36	#0	QPSK	22.43	37	PASS
Band26(824-849)	15	26965	36	#Max	QPSK	22.48	37	PASS
Band26(824-849)	15	26965	75	#0	QPSK	22.45	37	PASS
Band26(824-849)	15	26965	1	#0	QAM16	22.38	37	PASS
Band26(824-849)	15	26965	1	#Mid	QAM16	22.51	37	PASS
Band26(824-849)	15	26965	1	#Max	QAM16	22.55	37	PASS
Band26(824-849)	15	26965	36	#0	QAM16	21.39	37	PASS
Band26(824-849)	15	26965	36	#Max	QAM16	21.46	37	PASS
Band26(824-849)	15	26965	75	#0	QAM16	21.44	37	PASS
Band4	1.4	19957	1	#0	QPSK	22.87	37	PASS
Band4	1.4	19957	1	#Mid	QPSK	23.05	37	PASS
Band4	1.4	19957	1	#Max	QPSK	22.87	37	PASS
Band4	1.4	19957	3	#0	QPSK	22.98	37	PASS
Band4	1.4	19957	3	#Max	QPSK	22.96	37	PASS

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Band4	1.4	19957	6	#0	QPSK	21.85	37	PASS
Band4	1.4	19957	1	#0	QAM16	21.77	37	PASS
Band4	1.4	19957	1	#Mid	QAM16	21.93	37	PASS
Band4	1.4	19957	1	#Max	QAM16	21.80	37	PASS
Band4	1.4	19957	3	#0	QAM16	21.92	37	PASS
Band4	1.4	19957	3	#Max	QAM16	21.92	37	PASS
Band4	1.4	19957	6	#0	QAM16	20.86	37	PASS
Band4	1.4	20175	1	#0	QPSK	22.58	37	PASS
Band4	1.4	20175	1	#Mid	QPSK	22.76	37	PASS
Band4	1.4	20175	1	#Max	QPSK	22.55	37	PASS
Band4	1.4	20175	3	#0	QPSK	22.63	37	PASS
Band4	1.4	20175	3	#Max	QPSK	22.60	37	PASS
Band4	1.4	20175	6	#0	QPSK	21.52	37	PASS
Band4	1.4	20175	1	#0	QAM16	21.56	37	PASS
Band4	1.4	20175	1	#Mid	QAM16	21.79	37	PASS
Band4	1.4	20175	1	#Max	QAM16	21.56	37	PASS
Band4	1.4	20175	3	#0	QAM16	21.76	37	PASS
Band4	1.4	20175	3	#Max	QAM16	21.81	37	PASS
Band4	1.4	20175	6	#0	QAM16	20.57	37	PASS
Band4	1.4	20393	1	#0	QPSK	22.55	37	PASS
Band4	1.4	20393	1	#Mid	QPSK	22.69	37	PASS
Band4	1.4	20393	1	#Max	QPSK	22.52	37	PASS
Band4	1.4	20393	3	#0	QPSK	22.62	37	PASS
Band4	1.4	20393	3	#Max	QPSK	22.59	37	PASS
Band4	1.4	20393	6	#0	QPSK	21.56	37	PASS
Band4	1.4	20393	1	#0	QAM16	21.70	37	PASS
Band4	1.4	20393	1	#Mid	QAM16	21.88	37	PASS
Band4	1.4	20393	1	#Max	QAM16	21.72	37	PASS
Band4	1.4	20393	3	#0	QAM16	21.64	37	PASS
Band4	1.4	20393	3	#Max	QAM16	21.68	37	PASS
Band4	1.4	20393	6	#0	QAM16	20.53	37	PASS
Band4	3	19965	1	#0	QPSK	22.88	37	PASS
Band4	3	19965	1	#Mid	QPSK	22.85	37	PASS
Band4	3	19965	1	#Max	QPSK	22.83	37	PASS
Band4	3	19965	8	#0	QPSK	21.84	37	PASS
Band4	3	19965	8	#Max	QPSK	21.82	37	PASS
Band4	3	19965	15	#0	QPSK	21.82	37	PASS
Band4	3	19965	1	#0	QAM16	22.18	37	PASS
Band4	3	19965	1	#Mid	QAM16	22.13	37	PASS
Band4	3	19965	1	#Max	QAM16	22.13	37	PASS
Band4	3	19965	8	#0	QAM16	20.89	37	PASS
Band4	3	19965	8	#Max	QAM16	20.88	37	PASS
Band4	3	19965	15	#0	QAM16	20.83	37	PASS
Band4	3	20175	1	#0	QPSK	22.55	37	PASS

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Band4	3	20175	1	#Mid	QPSK	22.55	37	PASS
Band4	3	20175	1	#Max	QPSK	22.51	37	PASS
Band4	3	20175	8	#0	QPSK	21.54	37	PASS
Band4	3	20175	8	#Max	QPSK	21.58	37	PASS
Band4	3	20175	15	#0	QPSK	21.54	37	PASS
Band4	3	20175	1	#0	QAM16	21.75	37	PASS
Band4	3	20175	1	#Mid	QAM16	21.73	37	PASS
Band4	3	20175	1	#Max	QAM16	21.72	37	PASS
Band4	3	20175	8	#0	QAM16	20.54	37	PASS
Band4	3	20175	8	#Max	QAM16	20.57	37	PASS
Band4	3	20175	15	#0	QAM16	20.47	37	PASS
Band4	3	20385	1	#0	QPSK	22.63	37	PASS
Band4	3	20385	1	#Mid	QPSK	22.61	37	PASS
Band4	3	20385	1	#Max	QPSK	22.65	37	PASS
Band4	3	20385	8	#0	QPSK	21.61	37	PASS
Band4	3	20385	8	#Max	QPSK	21.59	37	PASS
Band4	3	20385	15	#0	QPSK	21.60	37	PASS
Band4	3	20385	1	#0	QAM16	21.52	37	PASS
Band4	3	20385	1	#Mid	QAM16	21.52	37	PASS
Band4	3	20385	1	#Max	QAM16	21.49	37	PASS
Band4	3	20385	8	#0	QAM16	20.64	37	PASS
Band4	3	20385	8	#Max	QAM16	20.63	37	PASS
Band4	3	20385	15	#0	QAM16	20.63	37	PASS
Band4	5	19975	1	#0	QPSK	22.81	37	PASS
Band4	5	19975	1	#Mid	QPSK	22.75	37	PASS
Band4	5	19975	1	#Max	QPSK	22.62	37	PASS
Band4	5	19975	12	#0	QPSK	21.90	37	PASS
Band4	5	19975	12	#Max	QPSK	21.87	37	PASS
Band4	5	19975	25	#0	QPSK	21.87	37	PASS
Band4	5	19975	1	#0	QAM16	21.93	37	PASS
Band4	5	19975	1	#Mid	QAM16	21.86	37	PASS
Band4	5	19975	1	#Max	QAM16	21.72	37	PASS
Band4	5	19975	12	#0	QAM16	20.84	37	PASS
Band4	5	19975	12	#Max	QAM16	20.82	37	PASS
Band4	5	19975	25	#0	QAM16	20.93	37	PASS
Band4	5	20175	1	#0	QPSK	22.48	37	PASS
Band4	5	20175	1	#Mid	QPSK	22.58	37	PASS
Band4	5	20175	1	#Max	QPSK	22.47	37	PASS
Band4	5	20175	12	#0	QPSK	21.58	37	PASS
Band4	5	20175	12	#Max	QPSK	21.63	37	PASS
Band4	5	20175	25	#0	QPSK	21.57	37	PASS
Band4	5	20175	1	#0	QAM16	21.70	37	PASS
Band4	5	20175	1	#Mid	QAM16	21.77	37	PASS
Band4	5	20175	1	#Max	QAM16	21.67	37	PASS

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Band4	5	20175	12	#0	QAM16	20.54	37	PASS
Band4	5	20175	12	#Max	QAM16	20.54	37	PASS
Band4	5	20175	25	#0	QAM16	20.56	37	PASS
Band4	5	20375	1	#0	QPSK	22.50	37	PASS
Band4	5	20375	1	#Mid	QPSK	22.57	37	PASS
Band4	5	20375	1	#Max	QPSK	22.30	37	PASS
Band4	5	20375	12	#0	QPSK	21.64	37	PASS
Band4	5	20375	12	#Max	QPSK	21.61	37	PASS
Band4	5	20375	25	#0	QPSK	21.63	37	PASS
Band4	5	20375	1	#0	QAM16	21.84	37	PASS
Band4	5	20375	1	#Mid	QAM16	21.87	37	PASS
Band4	5	20375	1	#Max	QAM16	21.57	37	PASS
Band4	5	20375	12	#0	QAM16	20.68	37	PASS
Band4	5	20375	12	#Max	QAM16	20.65	37	PASS
Band4	5	20375	25	#0	QAM16	20.68	37	PASS
Band4	10	20000	1	#0	QPSK	22.73	37	PASS
Band4	10	20000	1	#Mid	QPSK	22.66	37	PASS
Band4	10	20000	1	#Max	QPSK	22.36	37	PASS
Band4	10	20000	25	#0	QPSK	21.89	37	PASS
Band4	10	20000	25	#Max	QPSK	21.64	37	PASS
Band4	10	20000	50	#0	QPSK	21.64	37	PASS
Band4	10	20000	1	#0	QAM16	21.74	37	PASS
Band4	10	20000	1	#Mid	QAM16	21.86	37	PASS
Band4	10	20000	1	#Max	QAM16	21.62	37	PASS
Band4	10	20000	25	#0	QAM16	20.91	37	PASS
Band4	10	20000	25	#Max	QAM16	20.78	37	PASS
Band4	10	20000	50	#0	QAM16	20.80	37	PASS
Band4	10	20175	1	#0	QPSK	22.12	37	PASS
Band4	10	20175	1	#Mid	QPSK	22.43	37	PASS
Band4	10	20175	1	#Max	QPSK	22.42	37	PASS
Band4	10	20175	25	#0	QPSK	21.48	37	PASS
Band4	10	20175	25	#Max	QPSK	21.60	37	PASS
Band4	10	20175	50	#0	QPSK	21.56	37	PASS
Band4	10	20175	1	#0	QAM16	21.35	37	PASS
Band4	10	20175	1	#Mid	QAM16	21.65	37	PASS
Band4	10	20175	1	#Max	QAM16	21.47	37	PASS
Band4	10	20175	25	#0	QAM16	20.55	37	PASS
Band4	10	20175	25	#Max	QAM16	20.58	37	PASS
Band4	10	20175	50	#0	QAM16	20.57	37	PASS
Band4	10	20350	1	#0	QPSK	22.52	37	PASS
Band4	10	20350	1	#Mid	QPSK	22.69	37	PASS
Band4	10	20350	1	#Max	QPSK	22.10	37	PASS
Band4	10	20350	25	#0	QPSK	21.50	37	PASS
Band4	10	20350	25	#Max	QPSK	21.51	37	PASS

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Band4	10	20350	50	#0	QPSK	21.61	37	PASS
Band4	10	20350	1	#0	QAM16	21.35	37	PASS
Band4	10	20350	1	#Mid	QAM16	21.48	37	PASS
Band4	10	20350	1	#Max	QAM16	21.01	37	PASS
Band4	10	20350	25	#0	QAM16	20.68	37	PASS
Band4	10	20350	25	#Max	QAM16	20.54	37	PASS
Band4	10	20350	50	#0	QAM16	20.63	37	PASS
Band4	15	20025	1	#0	QPSK	22.46	37	PASS
Band4	15	20025	1	#Mid	QPSK	22.38	37	PASS
Band4	15	20025	1	#Max	QPSK	22.13	37	PASS
Band4	15	20025	36	#0	QPSK	21.65	37	PASS
Band4	15	20025	36	#Max	QPSK	21.56	37	PASS
Band4	15	20025	75	#0	QPSK	21.72	37	PASS
Band4	15	20025	1	#0	QAM16	21.61	37	PASS
Band4	15	20025	1	#Mid	QAM16	21.68	37	PASS
Band4	15	20025	1	#Max	QAM16	21.45	37	PASS
Band4	15	20025	36	#0	QAM16	20.58	37	PASS
Band4	15	20025	36	#Max	QAM16	20.62	37	PASS
Band4	15	20025	75	#0	QAM16	20.60	37	PASS
Band4	15	20175	1	#0	QPSK	22.14	37	PASS
Band4	15	20175	1	#Mid	QPSK	22.14	37	PASS
Band4	15	20175	1	#Max	QPSK	22.14	37	PASS
Band4	15	20175	36	#0	QPSK	21.23	37	PASS
Band4	15	20175	36	#Max	QPSK	21.56	37	PASS
Band4	15	20175	75	#0	QPSK	21.36	37	PASS
Band4	15	20175	1	#0	QAM16	21.29	37	PASS
Band4	15	20175	1	#Mid	QAM16	21.29	37	PASS
Band4	15	20175	1	#Max	QAM16	21.36	37	PASS
Band4	15	20175	36	#0	QAM16	20.47	37	PASS
Band4	15	20175	36	#Max	QAM16	20.58	37	PASS
Band4	15	20175	75	#0	QAM16	20.50	37	PASS
Band4	15	20325	1	#0	QPSK	22.43	37	PASS
Band4	15	20325	1	#Mid	QPSK	22.56	37	PASS
Band4	15	20325	1	#Max	QPSK	22.20	37	PASS
Band4	15	20325	36	#0	QPSK	21.66	37	PASS
Band4	15	20325	36	#Max	QPSK	21.57	37	PASS
Band4	15	20325	75	#0	QPSK	21.49	37	PASS
Band4	15	20325	1	#0	QAM16	21.40	37	PASS
Band4	15	20325	1	#Mid	QAM16	21.49	37	PASS
Band4	15	20325	1	#Max	QAM16	21.29	37	PASS
Band4	15	20325	36	#0	QAM16	20.62	37	PASS
Band4	15	20325	36	#Max	QAM16	20.46	37	PASS
Band4	15	20325	75	#0	QAM16	20.70	37	PASS
Band4	20	20050	1	#0	QPSK	22.18	37	PASS

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Band4	20	20050	1	#Mid	QPSK	22.40	37	PASS
Band4	20	20050	1	#Max	QPSK	21.92	37	PASS
Band4	20	20050	50	#0	QPSK	21.48	37	PASS
Band4	20	20050	50	#Max	QPSK	21.46	37	PASS
Band4	20	20050	100	#0	QPSK	21.44	37	PASS
Band4	20	20050	1	#0	QAM16	21.37	37	PASS
Band4	20	20050	1	#Mid	QAM16	21.62	37	PASS
Band4	20	20050	1	#Max	QAM16	21.12	37	PASS
Band4	20	20050	50	#0	QAM16	20.53	37	PASS
Band4	20	20050	50	#Max	QAM16	20.46	37	PASS
Band4	20	20050	100	#0	QAM16	20.50	37	PASS
Band4	20	20175	1	#0	QPSK	22.03	37	PASS
Band4	20	20175	1	#Mid	QPSK	22.24	37	PASS
Band4	20	20175	1	#Max	QPSK	21.90	37	PASS
Band4	20	20175	50	#0	QPSK	21.06	37	PASS
Band4	20	20175	50	#Max	QPSK	21.24	37	PASS
Band4	20	20175	100	#0	QPSK	21.13	37	PASS
Band4	20	20175	1	#0	QAM16	20.90	37	PASS
Band4	20	20175	1	#Mid	QAM16	21.13	37	PASS
Band4	20	20175	1	#Max	QAM16	20.79	37	PASS
Band4	20	20175	50	#0	QAM16	20.13	37	PASS
Band4	20	20175	50	#Max	QAM16	20.43	37	PASS
Band4	20	20175	100	#0	QAM16	20.26	37	PASS
Band4	20	20300	1	#0	QPSK	21.87	37	PASS
Band4	20	20300	1	#Mid	QPSK	22.28	37	PASS
Band4	20	20300	1	#Max	QPSK	21.91	37	PASS
Band4	20	20300	50	#0	QPSK	21.25	37	PASS
Band4	20	20300	50	#Max	QPSK	21.28	37	PASS
Band4	20	20300	100	#0	QPSK	21.36	37	PASS
Band4	20	20300	1	#0	QAM16	20.72	37	PASS
Band4	20	20300	1	#Mid	QAM16	21.13	37	PASS
Band4	20	20300	1	#Max	QAM16	20.75	37	PASS
Band4	20	20300	50	#0	QAM16	20.37	37	PASS
Band4	20	20300	50	#Max	QAM16	20.41	37	PASS
Band4	20	20300	100	#0	QAM16	20.53	37	PASS
Band41(2555-2655)	5	40265	1	#0	QPSK	22.43	37	PASS
Band41(2555-2655)	5	40265	1	#Mid	QPSK	22.66	37	PASS
Band41(2555-2655)	5	40265	1	#Max	QPSK	22.56	37	PASS
Band41(2555-2655)	5	40265	12	#0	QPSK	21.46	37	PASS
Band41(2555-2655)	5	40265	12	#Max	QPSK	21.59	37	PASS
Band41(2555-2655)	5	40265	25	#0	QPSK	21.48	37	PASS
Band41(2555-2655)	5	40265	1	#0	QAM16	21.45	37	PASS
Band41(2555-2655)	5	40265	1	#Mid	QAM16	21.62	37	PASS
Band41(2555-2655)	5	40265	1	#Max	QAM16	21.54	37	PASS

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Band41(2555-2655)	5	40265	12	#0	QAM16	20.35	37	PASS
Band41(2555-2655)	5	40265	12	#Max	QAM16	20.44	37	PASS
Band41(2555-2655)	5	40265	25	#0	QAM16	20.42	37	PASS
Band41(2555-2655)	5	40740	1	#0	QPSK	22.56	37	PASS
Band41(2555-2655)	5	40740	1	#Mid	QPSK	22.71	37	PASS
Band41(2555-2655)	5	40740	1	#Max	QPSK	22.53	37	PASS
Band41(2555-2655)	5	40740	12	#0	QPSK	21.72	37	PASS
Band41(2555-2655)	5	40740	12	#Max	QPSK	21.64	37	PASS
Band41(2555-2655)	5	40740	25	#0	QPSK	21.71	37	PASS
Band41(2555-2655)	5	40740	1	#0	QAM16	21.85	37	PASS
Band41(2555-2655)	5	40740	1	#Mid	QAM16	21.99	37	PASS
Band41(2555-2655)	5	40740	1	#Max	QAM16	21.83	37	PASS
Band41(2555-2655)	5	40740	12	#0	QAM16	20.74	37	PASS
Band41(2555-2655)	5	40740	12	#Max	QAM16	20.63	37	PASS
Band41(2555-2655)	5	40740	25	#0	QAM16	20.71	37	PASS
Band41(2555-2655)	5	41215	1	#0	QPSK	21.71	37	PASS
Band41(2555-2655)	5	41215	1	#Mid	QPSK	21.76	37	PASS
Band41(2555-2655)	5	41215	1	#Max	QPSK	21.53	37	PASS
Band41(2555-2655)	5	41215	12	#0	QPSK	20.76	37	PASS
Band41(2555-2655)	5	41215	12	#Max	QPSK	20.60	37	PASS
Band41(2555-2655)	5	41215	25	#0	QPSK	20.75	37	PASS
Band41(2555-2655)	5	41215	1	#0	QAM16	21.02	37	PASS
Band41(2555-2655)	5	41215	1	#Mid	QAM16	21.10	37	PASS
Band41(2555-2655)	5	41215	1	#Max	QAM16	20.87	37	PASS
Band41(2555-2655)	5	41215	12	#0	QAM16	19.71	37	PASS
Band41(2555-2655)	5	41215	12	#Max	QAM16	19.56	37	PASS
Band41(2555-2655)	5	41215	25	#0	QAM16	19.76	37	PASS
Band41(2555-2655)	10	40290	1	#0	QPSK	22.54	37	PASS
Band41(2555-2655)	10	40290	1	#Mid	QPSK	22.89	37	PASS
Band41(2555-2655)	10	40290	1	#Max	QPSK	22.78	37	PASS
Band41(2555-2655)	10	40290	25	#0	QPSK	21.47	37	PASS
Band41(2555-2655)	10	40290	25	#Max	QPSK	21.74	37	PASS
Band41(2555-2655)	10	40290	50	#0	QPSK	21.56	37	PASS
Band41(2555-2655)	10	40290	1	#0	QAM16	21.71	37	PASS
Band41(2555-2655)	10	40290	1	#Mid	QAM16	21.96	37	PASS
Band41(2555-2655)	10	40290	1	#Max	QAM16	21.84	37	PASS
Band41(2555-2655)	10	40290	25	#0	QAM16	20.48	37	PASS
Band41(2555-2655)	10	40290	25	#Max	QAM16	20.75	37	PASS
Band41(2555-2655)	10	40290	50	#0	QAM16	20.52	37	PASS
Band41(2555-2655)	10	40740	1	#0	QPSK	22.78	37	PASS
Band41(2555-2655)	10	40740	1	#Mid	QPSK	22.97	37	PASS
Band41(2555-2655)	10	40740	1	#Max	QPSK	22.69	37	PASS
Band41(2555-2655)	10	40740	25	#0	QPSK	21.85	37	PASS
Band41(2555-2655)	10	40740	25	#Max	QPSK	21.71	37	PASS

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Band41(2555-2655)	10	40740	50	#0	QPSK	21.76	37	PASS
Band41(2555-2655)	10	40740	1	#0	QAM16	21.75	37	PASS
Band41(2555-2655)	10	40740	1	#Mid	QAM16	21.95	37	PASS
Band41(2555-2655)	10	40740	1	#Max	QAM16	21.65	37	PASS
Band41(2555-2655)	10	40740	25	#0	QAM16	20.85	37	PASS
Band41(2555-2655)	10	40740	25	#Max	QAM16	20.71	37	PASS
Band41(2555-2655)	10	40740	50	#0	QAM16	20.75	37	PASS
Band41(2555-2655)	10	41190	1	#0	QPSK	21.98	37	PASS
Band41(2555-2655)	10	41190	1	#Mid	QPSK	22.04	37	PASS
Band41(2555-2655)	10	41190	1	#Max	QPSK	21.63	37	PASS
Band41(2555-2655)	10	41190	25	#0	QPSK	20.87	37	PASS
Band41(2555-2655)	10	41190	25	#Max	QPSK	20.69	37	PASS
Band41(2555-2655)	10	41190	50	#0	QPSK	20.77	37	PASS
Band41(2555-2655)	10	41190	1	#0	QAM16	20.85	37	PASS
Band41(2555-2655)	10	41190	1	#Mid	QAM16	20.90	37	PASS
Band41(2555-2655)	10	41190	1	#Max	QAM16	20.54	37	PASS
Band41(2555-2655)	10	41190	25	#0	QAM16	19.87	37	PASS
Band41(2555-2655)	10	41190	25	#Max	QAM16	19.66	37	PASS
Band41(2555-2655)	10	41190	50	#0	QAM16	19.76	37	PASS
Band41(2555-2655)	15	40315	1	#0	QPSK	22.47	37	PASS
Band41(2555-2655)	15	40315	1	#Mid	QPSK	22.75	37	PASS
Band41(2555-2655)	15	40315	1	#Max	QPSK	22.73	37	PASS
Band41(2555-2655)	15	40315	36	#0	QPSK	21.64	37	PASS
Band41(2555-2655)	15	40315	36	#Max	QPSK	21.95	37	PASS
Band41(2555-2655)	15	40315	75	#0	QPSK	21.77	37	PASS
Band41(2555-2655)	15	40315	1	#0	QAM16	21.65	37	PASS
Band41(2555-2655)	15	40315	1	#Mid	QAM16	21.81	37	PASS
Band41(2555-2655)	15	40315	1	#Max	QAM16	21.80	37	PASS
Band41(2555-2655)	15	40315	36	#0	QAM16	20.55	37	PASS
Band41(2555-2655)	15	40315	36	#Max	QAM16	20.85	37	PASS
Band41(2555-2655)	15	40315	75	#0	QAM16	20.72	37	PASS
Band41(2555-2655)	15	40740	1	#0	QPSK	22.70	37	PASS
Band41(2555-2655)	15	40740	1	#Mid	QPSK	22.78	37	PASS
Band41(2555-2655)	15	40740	1	#Max	QPSK	22.60	37	PASS
Band41(2555-2655)	15	40740	36	#0	QPSK	21.86	37	PASS
Band41(2555-2655)	15	40740	36	#Max	QPSK	21.75	37	PASS
Band41(2555-2655)	15	40740	75	#0	QPSK	21.80	37	PASS
Band41(2555-2655)	15	40740	1	#0	QAM16	21.70	37	PASS
Band41(2555-2655)	15	40740	1	#Mid	QAM16	21.75	37	PASS
Band41(2555-2655)	15	40740	1	#Max	QAM16	21.56	37	PASS
Band41(2555-2655)	15	40740	36	#0	QAM16	20.80	37	PASS
Band41(2555-2655)	15	40740	36	#Max	QAM16	20.69	37	PASS
Band41(2555-2655)	15	40740	75	#0	QAM16	20.81	37	PASS
Band41(2555-2655)	15	41165	1	#0	QPSK	22.12	37	PASS

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Band41(2555-2655)	15	41165	1	#Mid	QPSK	22.02	37	PASS
Band41(2555-2655)	15	41165	1	#Max	QPSK	21.51	37	PASS
Band41(2555-2655)	15	41165	36	#0	QPSK	21.02	37	PASS
Band41(2555-2655)	15	41165	36	#Max	QPSK	20.78	37	PASS
Band41(2555-2655)	15	41165	75	#0	QPSK	20.93	37	PASS
Band41(2555-2655)	15	41165	1	#0	QAM16	21.07	37	PASS
Band41(2555-2655)	15	41165	1	#Mid	QAM16	20.98	37	PASS
Band41(2555-2655)	15	41165	1	#Max	QAM16	20.65	37	PASS
Band41(2555-2655)	15	41165	36	#0	QAM16	19.96	37	PASS
Band41(2555-2655)	15	41165	36	#Max	QAM16	19.76	37	PASS
Band41(2555-2655)	15	41165	75	#0	QAM16	19.90	37	PASS
Band41(2555-2655)	20	40340	1	#0	QPSK	22.39	37	PASS
Band41(2555-2655)	20	40340	1	#Mid	QPSK	23.00	37	PASS
Band41(2555-2655)	20	40340	1	#Max	QPSK	22.66	37	PASS
Band41(2555-2655)	20	40340	50	#0	QPSK	21.40	37	PASS
Band41(2555-2655)	20	40340	50	#Max	QPSK	21.89	37	PASS
Band41(2555-2655)	20	40340	100	#0	QPSK	21.69	37	PASS
Band41(2555-2655)	20	40340	1	#0	QAM16	21.39	37	PASS
Band41(2555-2655)	20	40340	1	#Mid	QAM16	21.90	37	PASS
Band41(2555-2655)	20	40340	1	#Max	QAM16	21.61	37	PASS
Band41(2555-2655)	20	40340	50	#0	QAM16	20.32	37	PASS
Band41(2555-2655)	20	40340	50	#Max	QAM16	20.83	37	PASS
Band41(2555-2655)	20	40340	100	#0	QAM16	20.65	37	PASS
Band41(2555-2655)	20	40740	1	#0	QPSK	22.52	37	PASS
Band41(2555-2655)	20	40740	1	#Mid	QPSK	22.93	37	PASS
Band41(2555-2655)	20	40740	1	#Max	QPSK	22.43	37	PASS
Band41(2555-2655)	20	40740	50	#0	QPSK	21.83	37	PASS
Band41(2555-2655)	20	40740	50	#Max	QPSK	21.68	37	PASS
Band41(2555-2655)	20	40740	100	#0	QPSK	21.74	37	PASS
Band41(2555-2655)	20	40740	1	#0	QAM16	21.43	37	PASS
Band41(2555-2655)	20	40740	1	#Mid	QAM16	21.83	37	PASS
Band41(2555-2655)	20	40740	1	#Max	QAM16	21.34	37	PASS
Band41(2555-2655)	20	40740	50	#0	QAM16	20.84	37	PASS
Band41(2555-2655)	20	40740	50	#Max	QAM16	20.62	37	PASS
Band41(2555-2655)	20	40740	100	#0	QAM16	20.82	37	PASS
Band41(2555-2655)	20	41140	1	#0	QPSK	21.98	37	PASS
Band41(2555-2655)	20	41140	1	#Mid	QPSK	22.21	37	PASS
Band41(2555-2655)	20	41140	1	#Max	QPSK	21.48	37	PASS
Band41(2555-2655)	20	41140	50	#0	QPSK	20.98	37	PASS
Band41(2555-2655)	20	41140	50	#Max	QPSK	20.83	37	PASS
Band41(2555-2655)	20	41140	100	#0	QPSK	20.89	37	PASS
Band41(2555-2655)	20	41140	1	#0	QAM16	20.60	37	PASS
Band41(2555-2655)	20	41140	1	#Mid	QAM16	20.82	37	PASS
Band41(2555-2655)	20	41140	1	#Max	QAM16	20.14	37	PASS

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Band41(2555-2655)	20	41140	50	#0	QAM16	19.99	37	PASS
Band41(2555-2655)	20	41140	50	#Max	QAM16	19.88	37	PASS
Band41(2555-2655)	20	41140	100	#0	QAM16	19.89	37	PASS
Band5	1.4	20407	1	#0	QPSK	23.56	37	PASS
Band5	1.4	20407	1	#Mid	QPSK	23.75	37	PASS
Band5	1.4	20407	1	#Max	QPSK	23.51	37	PASS
Band5	1.4	20407	3	#0	QPSK	23.50	37	PASS
Band5	1.4	20407	3	#Max	QPSK	23.48	37	PASS
Band5	1.4	20407	6	#0	QPSK	22.47	37	PASS
Band5	1.4	20407	1	#0	QAM16	22.46	37	PASS
Band5	1.4	20407	1	#Mid	QAM16	22.71	37	PASS
Band5	1.4	20407	1	#Max	QAM16	22.44	37	PASS
Band5	1.4	20407	3	#0	QAM16	22.64	37	PASS
Band5	1.4	20407	3	#Max	QAM16	22.69	37	PASS
Band5	1.4	20407	6	#0	QAM16	21.49	37	PASS
Band5	1.4	20525	1	#0	QPSK	23.27	37	PASS
Band5	1.4	20525	1	#Mid	QPSK	23.52	37	PASS
Band5	1.4	20525	1	#Max	QPSK	23.30	37	PASS
Band5	1.4	20525	3	#0	QPSK	23.38	37	PASS
Band5	1.4	20525	3	#Max	QPSK	23.35	37	PASS
Band5	1.4	20525	6	#0	QPSK	22.36	37	PASS
Band5	1.4	20525	1	#0	QAM16	22.50	37	PASS
Band5	1.4	20525	1	#Mid	QAM16	22.67	37	PASS
Band5	1.4	20525	1	#Max	QAM16	22.53	37	PASS
Band5	1.4	20525	3	#0	QAM16	22.39	37	PASS
Band5	1.4	20525	3	#Max	QAM16	22.42	37	PASS
Band5	1.4	20525	6	#0	QAM16	21.31	37	PASS
Band5	1.4	20643	1	#0	QPSK	23.49	37	PASS
Band5	1.4	20643	1	#Mid	QPSK	23.82	37	PASS
Band5	1.4	20643	1	#Max	QPSK	23.55	37	PASS
Band5	1.4	20643	3	#0	QPSK	23.54	37	PASS
Band5	1.4	20643	3	#Max	QPSK	23.54	37	PASS
Band5	1.4	20643	6	#0	QPSK	22.56	37	PASS
Band5	1.4	20643	1	#0	QAM16	22.37	37	PASS
Band5	1.4	20643	1	#Mid	QAM16	22.48	37	PASS
Band5	1.4	20643	1	#Max	QAM16	22.42	37	PASS
Band5	1.4	20643	3	#0	QAM16	22.45	37	PASS
Band5	1.4	20643	3	#Max	QAM16	22.47	37	PASS
Band5	1.4	20643	6	#0	QAM16	21.53	37	PASS
Band5	3	20415	1	#0	QPSK	23.44	37	PASS
Band5	3	20415	1	#Mid	QPSK	23.42	37	PASS
Band5	3	20415	1	#Max	QPSK	23.37	37	PASS
Band5	3	20415	8	#0	QPSK	22.44	37	PASS
Band5	3	20415	8	#Max	QPSK	22.43	37	PASS

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Band5	3	20415	15	#0	QPSK	22.40	37	PASS
Band5	3	20415	1	#0	QAM16	22.74	37	PASS
Band5	3	20415	1	#Mid	QAM16	22.70	37	PASS
Band5	3	20415	1	#Max	QAM16	22.69	37	PASS
Band5	3	20415	8	#0	QAM16	21.46	37	PASS
Band5	3	20415	8	#Max	QAM16	21.45	37	PASS
Band5	3	20415	15	#0	QAM16	21.39	37	PASS
Band5	3	20525	1	#0	QPSK	23.32	37	PASS
Band5	3	20525	1	#Mid	QPSK	23.35	37	PASS
Band5	3	20525	1	#Max	QPSK	23.37	37	PASS
Band5	3	20525	8	#0	QPSK	22.36	37	PASS
Band5	3	20525	8	#Max	QPSK	22.39	37	PASS
Band5	3	20525	15	#0	QPSK	22.37	37	PASS
Band5	3	20525	1	#0	QAM16	22.54	37	PASS
Band5	3	20525	1	#Mid	QAM16	22.52	37	PASS
Band5	3	20525	1	#Max	QAM16	22.53	37	PASS
Band5	3	20525	8	#0	QAM16	21.35	37	PASS
Band5	3	20525	8	#Max	QAM16	21.36	37	PASS
Band5	3	20525	15	#0	QAM16	21.22	37	PASS
Band5	3	20635	1	#0	QPSK	23.48	37	PASS
Band5	3	20635	1	#Mid	QPSK	23.58	37	PASS
Band5	3	20635	1	#Max	QPSK	23.59	37	PASS
Band5	3	20635	8	#0	QPSK	22.47	37	PASS
Band5	3	20635	8	#Max	QPSK	22.50	37	PASS
Band5	3	20635	15	#0	QPSK	22.47	37	PASS
Band5	3	20635	1	#0	QAM16	22.32	37	PASS
Band5	3	20635	1	#Mid	QAM16	22.42	37	PASS
Band5	3	20635	1	#Max	QAM16	22.41	37	PASS
Band5	3	20635	8	#0	QAM16	21.47	37	PASS
Band5	3	20635	8	#Max	QAM16	21.49	37	PASS
Band5	3	20635	15	#0	QAM16	21.48	37	PASS
Band5	5	20425	1	#0	QPSK	23.40	37	PASS
Band5	5	20425	1	#Mid	QPSK	23.48	37	PASS
Band5	5	20425	1	#Max	QPSK	23.31	37	PASS
Band5	5	20425	12	#0	QPSK	22.38	37	PASS
Band5	5	20425	12	#Max	QPSK	22.40	37	PASS
Band5	5	20425	25	#0	QPSK	22.45	37	PASS
Band5	5	20425	1	#0	QAM16	22.65	37	PASS
Band5	5	20425	1	#Mid	QAM16	22.78	37	PASS
Band5	5	20425	1	#Max	QAM16	22.56	37	PASS
Band5	5	20425	12	#0	QAM16	21.35	37	PASS
Band5	5	20425	12	#Max	QAM16	21.39	37	PASS
Band5	5	20425	25	#0	QAM16	21.43	37	PASS
Band5	5	20525	1	#0	QPSK	23.25	37	PASS

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Band5	5	20525	1	#Mid	QPSK	23.36	37	PASS
Band5	5	20525	1	#Max	QPSK	23.25	37	PASS
Band5	5	20525	12	#0	QPSK	22.28	37	PASS
Band5	5	20525	12	#Max	QPSK	22.39	37	PASS
Band5	5	20525	25	#0	QPSK	22.29	37	PASS
Band5	5	20525	1	#0	QAM16	22.40	37	PASS
Band5	5	20525	1	#Mid	QAM16	22.55	37	PASS
Band5	5	20525	1	#Max	QAM16	22.33	37	PASS
Band5	5	20525	12	#0	QAM16	21.23	37	PASS
Band5	5	20525	12	#Max	QAM16	21.31	37	PASS
Band5	5	20525	25	#0	QAM16	21.35	37	PASS
Band5	5	20625	1	#0	QPSK	23.08	37	PASS
Band5	5	20625	1	#Mid	QPSK	23.12	37	PASS
Band5	5	20625	1	#Max	QPSK	23.07	37	PASS
Band5	5	20625	12	#0	QPSK	22.14	37	PASS
Band5	5	20625	12	#Max	QPSK	22.27	37	PASS
Band5	5	20625	25	#0	QPSK	22.09	37	PASS
Band5	5	20625	1	#0	QAM16	22.11	37	PASS
Band5	5	20625	1	#Mid	QAM16	22.28	37	PASS
Band5	5	20625	1	#Max	QAM16	22.15	37	PASS
Band5	5	20625	12	#0	QAM16	21.04	37	PASS
Band5	5	20625	12	#Max	QAM16	21.05	37	PASS
Band5	5	20625	25	#0	QAM16	21.07	37	PASS
Band5	10	20450	1	#0	QPSK	23.18	37	PASS
Band5	10	20450	1	#Mid	QPSK	23.03	37	PASS
Band5	10	20450	1	#Max	QPSK	22.91	37	PASS
Band5	10	20450	25	#0	QPSK	21.96	37	PASS
Band5	10	20450	25	#Max	QPSK	21.91	37	PASS
Band5	10	20450	50	#0	QPSK	21.88	37	PASS
Band5	10	20450	1	#0	QAM16	22.24	37	PASS
Band5	10	20450	1	#Mid	QAM16	22.24	37	PASS
Band5	10	20450	1	#Max	QAM16	22.13	37	PASS
Band5	10	20450	25	#0	QAM16	21.03	37	PASS
Band5	10	20450	25	#Max	QAM16	20.92	37	PASS
Band5	10	20450	50	#0	QAM16	20.86	37	PASS
Band5	10	20525	1	#0	QPSK	22.86	37	PASS
Band5	10	20525	1	#Mid	QPSK	22.96	37	PASS
Band5	10	20525	1	#Max	QPSK	22.86	37	PASS
Band5	10	20525	25	#0	QPSK	21.90	37	PASS
Band5	10	20525	25	#Max	QPSK	21.98	37	PASS
Band5	10	20525	50	#0	QPSK	21.92	37	PASS
Band5	10	20525	1	#0	QAM16	22.02	37	PASS
Band5	10	20525	1	#Mid	QAM16	22.16	37	PASS
Band5	10	20525	1	#Max	QAM16	22.03	37	PASS

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Band5	10	20525	25	#0	QAM16	20.94	37	PASS
Band5	10	20525	25	#Max	QAM16	21.01	37	PASS
Band5	10	20525	50	#0	QAM16	20.91	37	PASS
Band5	10	20600	1	#0	QPSK	22.92	37	PASS
Band5	10	20600	1	#Mid	QPSK	23.09	37	PASS
Band5	10	20600	1	#Max	QPSK	23.05	37	PASS
Band5	10	20600	25	#0	QPSK	21.93	37	PASS
Band5	10	20600	25	#Max	QPSK	21.94	37	PASS
Band5	10	20600	50	#0	QPSK	21.93	37	PASS
Band5	10	20600	1	#0	QAM16	21.74	37	PASS
Band5	10	20600	1	#Mid	QAM16	21.92	37	PASS
Band5	10	20600	1	#Max	QAM16	21.87	37	PASS
Band5	10	20600	25	#0	QAM16	20.93	37	PASS
Band5	10	20600	25	#Max	QAM16	20.92	37	PASS
Band5	10	20600	50	#0	QAM16	20.93	37	PASS
Band66	1.4	131979	1	#0	QPSK	23.19	37	PASS
Band66	1.4	131979	1	#Mid	QPSK	23.39	37	PASS
Band66	1.4	131979	1	#Max	QPSK	23.18	37	PASS
Band66	1.4	131979	3	#0	QPSK	23.22	37	PASS
Band66	1.4	131979	3	#Max	QPSK	23.22	37	PASS
Band66	1.4	131979	6	#0	QPSK	22.15	37	PASS
Band66	1.4	131979	1	#0	QAM16	22.17	37	PASS
Band66	1.4	131979	1	#Mid	QAM16	22.39	37	PASS
Band66	1.4	131979	1	#Max	QAM16	22.18	37	PASS
Band66	1.4	131979	3	#0	QAM16	22.37	37	PASS
Band66	1.4	131979	3	#Max	QAM16	22.40	37	PASS
Band66	1.4	131979	6	#0	QAM16	21.18	37	PASS
Band66	1.4	132322	1	#0	QPSK	22.83	37	PASS
Band66	1.4	132322	1	#Mid	QPSK	23.10	37	PASS
Band66	1.4	132322	1	#Max	QPSK	22.85	37	PASS
Band66	1.4	132322	3	#0	QPSK	22.91	37	PASS
Band66	1.4	132322	3	#Max	QPSK	22.95	37	PASS
Band66	1.4	132322	6	#0	QPSK	21.91	37	PASS
Band66	1.4	132322	1	#0	QAM16	22.03	37	PASS
Band66	1.4	132322	1	#Mid	QAM16	22.23	37	PASS
Band66	1.4	132322	1	#Max	QAM16	22.02	37	PASS
Band66	1.4	132322	3	#0	QAM16	21.93	37	PASS
Band66	1.4	132322	3	#Max	QAM16	21.97	37	PASS
Band66	1.4	132322	6	#0	QAM16	20.89	37	PASS
Band66	1.4	132665	1	#0	QPSK	22.38	37	PASS
Band66	1.4	132665	1	#Mid	QPSK	22.58	37	PASS
Band66	1.4	132665	1	#Max	QPSK	22.37	37	PASS
Band66	1.4	132665	3	#0	QPSK	22.47	37	PASS
Band66	1.4	132665	3	#Max	QPSK	22.44	37	PASS

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Band66	1.4	132665	6	#0	QPSK	21.38	37	PASS
Band66	1.4	132665	1	#0	QAM16	21.29	37	PASS
Band66	1.4	132665	1	#Mid	QAM16	21.45	37	PASS
Band66	1.4	132665	1	#Max	QAM16	21.28	37	PASS
Band66	1.4	132665	3	#0	QAM16	21.41	37	PASS
Band66	1.4	132665	3	#Max	QAM16	21.40	37	PASS
Band66	1.4	132665	6	#0	QAM16	20.40	37	PASS
Band66	3	131987	1	#0	QPSK	23.16	37	PASS
Band66	3	131987	1	#Mid	QPSK	23.12	37	PASS
Band66	3	131987	1	#Max	QPSK	23.14	37	PASS
Band66	3	131987	8	#0	QPSK	22.16	37	PASS
Band66	3	131987	8	#Max	QPSK	22.15	37	PASS
Band66	3	131987	15	#0	QPSK	22.14	37	PASS
Band66	3	131987	1	#0	QAM16	22.51	37	PASS
Band66	3	131987	1	#Mid	QAM16	22.41	37	PASS
Band66	3	131987	1	#Max	QAM16	22.45	37	PASS
Band66	3	131987	8	#0	QAM16	21.19	37	PASS
Band66	3	131987	8	#Max	QAM16	21.18	37	PASS
Band66	3	131987	15	#0	QAM16	21.12	37	PASS
Band66	3	132322	1	#0	QPSK	22.92	37	PASS
Band66	3	132322	1	#Mid	QPSK	22.89	37	PASS
Band66	3	132322	1	#Max	QPSK	22.92	37	PASS
Band66	3	132322	8	#0	QPSK	21.90	37	PASS
Band66	3	132322	8	#Max	QPSK	21.89	37	PASS
Band66	3	132322	15	#0	QPSK	21.89	37	PASS
Band66	3	132322	1	#0	QAM16	22.06	37	PASS
Band66	3	132322	1	#Mid	QAM16	22.07	37	PASS
Band66	3	132322	1	#Max	QAM16	22.07	37	PASS
Band66	3	132322	8	#0	QAM16	20.91	37	PASS
Band66	3	132322	8	#Max	QAM16	20.94	37	PASS
Band66	3	132322	15	#0	QAM16	20.81	37	PASS
Band66	3	132657	1	#0	QPSK	22.46	37	PASS
Band66	3	132657	1	#Mid	QPSK	22.43	37	PASS
Band66	3	132657	1	#Max	QPSK	22.45	37	PASS
Band66	3	132657	8	#0	QPSK	21.43	37	PASS
Band66	3	132657	8	#Max	QPSK	21.40	37	PASS
Band66	3	132657	15	#0	QPSK	21.40	37	PASS
Band66	3	132657	1	#0	QAM16	21.34	37	PASS
Band66	3	132657	1	#Mid	QAM16	21.30	37	PASS
Band66	3	132657	1	#Max	QAM16	21.31	37	PASS
Band66	3	132657	8	#0	QAM16	20.43	37	PASS
Band66	3	132657	8	#Max	QAM16	20.43	37	PASS
Band66	3	132657	15	#0	QAM16	20.41	37	PASS
Band66	5	131997	1	#0	QPSK	23.06	37	PASS

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Band66	5	131997	1	#Mid	QPSK	23.13	37	PASS
Band66	5	131997	1	#Max	QPSK	23.05	37	PASS
Band66	5	131997	12	#0	QPSK	22.21	37	PASS
Band66	5	131997	12	#Max	QPSK	22.12	37	PASS
Band66	5	131997	25	#0	QPSK	22.17	37	PASS
Band66	5	131997	1	#0	QAM16	22.42	37	PASS
Band66	5	131997	1	#Mid	QAM16	22.45	37	PASS
Band66	5	131997	1	#Max	QAM16	22.34	37	PASS
Band66	5	131997	12	#0	QAM16	21.15	37	PASS
Band66	5	131997	12	#Max	QAM16	21.13	37	PASS
Band66	5	131997	25	#0	QAM16	21.22	37	PASS
Band66	5	132322	1	#0	QPSK	22.84	37	PASS
Band66	5	132322	1	#Mid	QPSK	22.93	37	PASS
Band66	5	132322	1	#Max	QPSK	22.82	37	PASS
Band66	5	132322	12	#0	QPSK	21.91	37	PASS
Band66	5	132322	12	#Max	QPSK	21.90	37	PASS
Band66	5	132322	25	#0	QPSK	21.92	37	PASS
Band66	5	132322	1	#0	QAM16	22.03	37	PASS
Band66	5	132322	1	#Mid	QAM16	22.11	37	PASS
Band66	5	132322	1	#Max	QAM16	22.04	37	PASS
Band66	5	132322	12	#0	QAM16	20.88	37	PASS
Band66	5	132322	12	#Max	QAM16	20.84	37	PASS
Band66	5	132322	25	#0	QAM16	20.92	37	PASS
Band66	5	132647	1	#0	QPSK	22.30	37	PASS
Band66	5	132647	1	#Mid	QPSK	22.37	37	PASS
Band66	5	132647	1	#Max	QPSK	22.26	37	PASS
Band66	5	132647	12	#0	QPSK	21.49	37	PASS
Band66	5	132647	12	#Max	QPSK	21.37	37	PASS
Band66	5	132647	25	#0	QPSK	21.42	37	PASS
Band66	5	132647	1	#0	QAM16	21.59	37	PASS
Band66	5	132647	1	#Mid	QAM16	21.68	37	PASS
Band66	5	132647	1	#Max	QAM16	21.60	37	PASS
Band66	5	132647	12	#0	QAM16	20.55	37	PASS
Band66	5	132647	12	#Max	QAM16	20.45	37	PASS
Band66	5	132647	25	#0	QAM16	20.48	37	PASS
Band66	10	132022	1	#0	QPSK	23.16	37	PASS
Band66	10	132022	1	#Mid	QPSK	23.24	37	PASS
Band66	10	132022	1	#Max	QPSK	23.11	37	PASS
Band66	10	132022	25	#0	QPSK	22.28	37	PASS
Band66	10	132022	25	#Max	QPSK	22.16	37	PASS
Band66	10	132022	50	#0	QPSK	22.23	37	PASS
Band66	10	132022	1	#0	QAM16	22.46	37	PASS
Band66	10	132022	1	#Mid	QAM16	22.59	37	PASS
Band66	10	132022	1	#Max	QAM16	22.40	37	PASS

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Band66	10	132022	25	#0	QAM16	21.38	37	PASS
Band66	10	132022	25	#Max	QAM16	21.27	37	PASS
Band66	10	132022	50	#0	QAM16	21.26	37	PASS
Band66	10	132322	1	#0	QPSK	22.89	37	PASS
Band66	10	132322	1	#Mid	QPSK	23.06	37	PASS
Band66	10	132322	1	#Max	QPSK	22.93	37	PASS
Band66	10	132322	25	#0	QPSK	21.93	37	PASS
Band66	10	132322	25	#Max	QPSK	21.91	37	PASS
Band66	10	132322	50	#0	QPSK	21.95	37	PASS
Band66	10	132322	1	#0	QAM16	22.05	37	PASS
Band66	10	132322	1	#Mid	QAM16	22.22	37	PASS
Band66	10	132322	1	#Max	QAM16	22.09	37	PASS
Band66	10	132322	25	#0	QAM16	20.98	37	PASS
Band66	10	132322	25	#Max	QAM16	20.98	37	PASS
Band66	10	132322	50	#0	QAM16	20.93	37	PASS
Band66	10	132622	1	#0	QPSK	22.60	37	PASS
Band66	10	132622	1	#Mid	QPSK	22.61	37	PASS
Band66	10	132622	1	#Max	QPSK	22.48	37	PASS
Band66	10	132622	25	#0	QPSK	21.63	37	PASS
Band66	10	132622	25	#Max	QPSK	21.43	37	PASS
Band66	10	132622	50	#0	QPSK	21.54	37	PASS
Band66	10	132622	1	#0	QAM16	21.42	37	PASS
Band66	10	132622	1	#Mid	QAM16	21.49	37	PASS
Band66	10	132622	1	#Max	QAM16	21.31	37	PASS
Band66	10	132622	25	#0	QAM16	20.64	37	PASS
Band66	10	132622	25	#Max	QAM16	20.46	37	PASS
Band66	10	132622	50	#0	QAM16	20.57	37	PASS
Band66	15	132047	1	#0	QPSK	23.09	37	PASS
Band66	15	132047	1	#Mid	QPSK	23.14	37	PASS
Band66	15	132047	1	#Max	QPSK	22.95	37	PASS
Band66	15	132047	36	#0	QPSK	22.24	37	PASS
Band66	15	132047	36	#Max	QPSK	22.12	37	PASS
Band66	15	132047	75	#0	QPSK	22.19	37	PASS
Band66	15	132047	1	#0	QAM16	22.41	37	PASS
Band66	15	132047	1	#Mid	QAM16	22.46	37	PASS
Band66	15	132047	1	#Max	QAM16	22.27	37	PASS
Band66	15	132047	36	#0	QAM16	21.24	37	PASS
Band66	15	132047	36	#Max	QAM16	21.15	37	PASS
Band66	15	132047	75	#0	QAM16	21.21	37	PASS
Band66	15	132322	1	#0	QPSK	22.84	37	PASS
Band66	15	132322	1	#Mid	QPSK	22.95	37	PASS
Band66	15	132322	1	#Max	QPSK	22.84	37	PASS
Band66	15	132322	36	#0	QPSK	21.95	37	PASS
Band66	15	132322	36	#Max	QPSK	21.95	37	PASS

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Band66	15	132322	75	#0	QPSK	21.96	37	PASS
Band66	15	132322	1	#0	QAM16	22.00	37	PASS
Band66	15	132322	1	#Mid	QAM16	22.15	37	PASS
Band66	15	132322	1	#Max	QAM16	22.02	37	PASS
Band66	15	132322	36	#0	QAM16	20.94	37	PASS
Band66	15	132322	36	#Max	QAM16	20.94	37	PASS
Band66	15	132322	75	#0	QAM16	20.95	37	PASS
Band66	15	132597	1	#0	QPSK	22.67	37	PASS
Band66	15	132597	1	#Mid	QPSK	22.59	37	PASS
Band66	15	132597	1	#Max	QPSK	22.40	37	PASS
Band66	15	132597	36	#0	QPSK	21.62	37	PASS
Band66	15	132597	36	#Max	QPSK	21.43	37	PASS
Band66	15	132597	75	#0	QPSK	21.54	37	PASS
Band66	15	132597	1	#0	QAM16	21.67	37	PASS
Band66	15	132597	1	#Mid	QAM16	21.58	37	PASS
Band66	15	132597	1	#Max	QAM16	21.42	37	PASS
Band66	15	132597	36	#0	QAM16	20.59	37	PASS
Band66	15	132597	36	#Max	QAM16	20.42	37	PASS
Band66	15	132597	75	#0	QAM16	20.54	37	PASS
Band66	20	132072	1	#0	QPSK	22.92	37	PASS
Band66	20	132072	1	#Mid	QPSK	23.22	37	PASS
Band66	20	132072	1	#Max	QPSK	22.77	37	PASS
Band66	20	132072	50	#0	QPSK	22.24	37	PASS
Band66	20	132072	50	#Max	QPSK	22.13	37	PASS
Band66	20	132072	100	#0	QPSK	22.22	37	PASS
Band66	20	132072	1	#0	QAM16	22.13	37	PASS
Band66	20	132072	1	#Mid	QAM16	22.43	37	PASS
Band66	20	132072	1	#Max	QAM16	21.92	37	PASS
Band66	20	132072	50	#0	QAM16	21.30	37	PASS
Band66	20	132072	50	#Max	QAM16	21.18	37	PASS
Band66	20	132072	100	#0	QAM16	21.22	37	PASS
Band66	20	132322	1	#0	QPSK	22.73	37	PASS
Band66	20	132322	1	#Mid	QPSK	23.18	37	PASS
Band66	20	132322	1	#Max	QPSK	22.77	37	PASS
Band66	20	132322	50	#0	QPSK	21.96	37	PASS
Band66	20	132322	50	#Max	QPSK	21.93	37	PASS
Band66	20	132322	100	#0	QPSK	21.98	37	PASS
Band66	20	132322	1	#0	QAM16	21.58	37	PASS
Band66	20	132322	1	#Mid	QAM16	21.97	37	PASS
Band66	20	132322	1	#Max	QAM16	21.61	37	PASS
Band66	20	132322	50	#0	QAM16	20.98	37	PASS
Band66	20	132322	50	#Max	QAM16	20.95	37	PASS
Band66	20	132322	100	#0	QAM16	21.00	37	PASS
Band66	20	132572	1	#0	QPSK	22.56	37	PASS

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Band66	20	132572	1	#Mid	QPSK	22.68	37	PASS
Band66	20	132572	1	#Max	QPSK	22.22	37	PASS
Band66	20	132572	50	#0	QPSK	21.62	37	PASS
Band66	20	132572	50	#Max	QPSK	21.39	37	PASS
Band66	20	132572	100	#0	QPSK	21.50	37	PASS
Band66	20	132572	1	#0	QAM16	21.39	37	PASS
Band66	20	132572	1	#Mid	QAM16	21.48	37	PASS
Band66	20	132572	1	#Max	QAM16	21.02	37	PASS
Band66	20	132572	50	#0	QAM16	20.70	37	PASS
Band66	20	132572	50	#Max	QAM16	20.43	37	PASS
Band66	20	132572	100	#0	QAM16	20.50	37	PASS
Band71	5	133147	1	#0	QPSK	22.60	37	PASS
Band71	5	133147	1	#Mid	QPSK	22.74	37	PASS
Band71	5	133147	1	#Max	QPSK	22.67	37	PASS
Band71	5	133147	12	#0	QPSK	21.53	37	PASS
Band71	5	133147	12	#Max	QPSK	21.82	37	PASS
Band71	5	133147	25	#0	QPSK	21.76	37	PASS
Band71	5	133147	1	#0	QAM16	21.94	37	PASS
Band71	5	133147	1	#Mid	QAM16	22.08	37	PASS
Band71	5	133147	1	#Max	QAM16	22.07	37	PASS
Band71	5	133147	12	#0	QAM16	20.59	37	PASS
Band71	5	133147	12	#Max	QAM16	20.87	37	PASS
Band71	5	133147	25	#0	QAM16	20.81	37	PASS
Band71	5	133297	1	#0	QPSK	22.79	37	PASS
Band71	5	133297	1	#Mid	QPSK	22.86	37	PASS
Band71	5	133297	1	#Max	QPSK	22.83	37	PASS
Band71	5	133297	12	#0	QPSK	21.92	37	PASS
Band71	5	133297	12	#Max	QPSK	22.01	37	PASS
Band71	5	133297	25	#0	QPSK	21.99	37	PASS
Band71	5	133297	1	#0	QAM16	22.07	37	PASS
Band71	5	133297	1	#Mid	QAM16	22.16	37	PASS
Band71	5	133297	1	#Max	QAM16	22.15	37	PASS
Band71	5	133297	12	#0	QAM16	20.91	37	PASS
Band71	5	133297	12	#Max	QAM16	21.01	37	PASS
Band71	5	133297	25	#0	QAM16	21.00	37	PASS
Band71	5	133447	1	#0	QPSK	22.83	37	PASS
Band71	5	133447	1	#Mid	QPSK	22.88	37	PASS
Band71	5	133447	1	#Max	QPSK	22.72	37	PASS
Band71	5	133447	12	#0	QPSK	21.97	37	PASS
Band71	5	133447	12	#Max	QPSK	22.02	37	PASS
Band71	5	133447	25	#0	QPSK	22.04	37	PASS
Band71	5	133447	1	#0	QAM16	22.13	37	PASS
Band71	5	133447	1	#Mid	QAM16	22.20	37	PASS
Band71	5	133447	1	#Max	QAM16	22.10	37	PASS

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Band71	5	133447	12	#0	QAM16	21.05	37	PASS
Band71	5	133447	12	#Max	QAM16	21.16	37	PASS
Band71	5	133447	25	#0	QAM16	21.12	37	PASS
Band71	10	133172	1	#0	QPSK	22.65	37	PASS
Band71	10	133172	1	#Mid	QPSK	22.93	37	PASS
Band71	10	133172	1	#Max	QPSK	22.74	37	PASS
Band71	10	133172	25	#0	QPSK	21.55	37	PASS
Band71	10	133172	25	#Max	QPSK	21.74	37	PASS
Band71	10	133172	50	#0	QPSK	21.68	37	PASS
Band71	10	133172	1	#0	QAM16	21.97	37	PASS
Band71	10	133172	1	#Mid	QAM16	22.27	37	PASS
Band71	10	133172	1	#Max	QAM16	22.08	37	PASS
Band71	10	133172	25	#0	QAM16	20.66	37	PASS
Band71	10	133172	25	#Max	QAM16	20.83	37	PASS
Band71	10	133172	50	#0	QAM16	20.74	37	PASS
Band71	10	133297	1	#0	QPSK	22.83	37	PASS
Band71	10	133297	1	#Mid	QPSK	23.05	37	PASS
Band71	10	133297	1	#Max	QPSK	22.88	37	PASS
Band71	10	133297	25	#0	QPSK	21.85	37	PASS
Band71	10	133297	25	#Max	QPSK	22.03	37	PASS
Band71	10	133297	50	#0	QPSK	22.00	37	PASS
Band71	10	133297	1	#0	QAM16	22.05	37	PASS
Band71	10	133297	1	#Mid	QAM16	22.32	37	PASS
Band71	10	133297	1	#Max	QAM16	22.08	37	PASS
Band71	10	133297	25	#0	QAM16	20.92	37	PASS
Band71	10	133297	25	#Max	QAM16	21.11	37	PASS
Band71	10	133297	50	#0	QAM16	21.02	37	PASS
Band71	10	133422	1	#0	QPSK	22.91	37	PASS
Band71	10	133422	1	#Mid	QPSK	23.13	37	PASS
Band71	10	133422	1	#Max	QPSK	22.88	37	PASS
Band71	10	133422	25	#0	QPSK	22.09	37	PASS
Band71	10	133422	25	#Max	QPSK	22.08	37	PASS
Band71	10	133422	50	#0	QPSK	22.11	37	PASS
Band71	10	133422	1	#0	QAM16	21.79	37	PASS
Band71	10	133422	1	#Mid	QAM16	22.04	37	PASS
Band71	10	133422	1	#Max	QAM16	21.75	37	PASS
Band71	10	133422	25	#0	QAM16	21.17	37	PASS
Band71	10	133422	25	#Max	QAM16	21.11	37	PASS
Band71	10	133422	50	#0	QAM16	21.19	37	PASS
Band71	15	133197	1	#0	QPSK	22.59	37	PASS
Band71	15	133197	1	#Mid	QPSK	22.81	37	PASS
Band71	15	133197	1	#Max	QPSK	22.84	37	PASS
Band71	15	133197	36	#0	QPSK	21.68	37	PASS
Band71	15	133197	36	#Max	QPSK	21.89	37	PASS

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Band71	15	133197	75	#0	QPSK	21.80	37	PASS
Band71	15	133197	1	#0	QAM16	21.94	37	PASS
Band71	15	133197	1	#Mid	QAM16	22.14	37	PASS
Band71	15	133197	1	#Max	QAM16	22.18	37	PASS
Band71	15	133197	36	#0	QAM16	20.69	37	PASS
Band71	15	133197	36	#Max	QAM16	20.92	37	PASS
Band71	15	133197	75	#0	QAM16	20.85	37	PASS
Band71	15	133297	1	#0	QPSK	22.78	37	PASS
Band71	15	133297	1	#Mid	QPSK	22.90	37	PASS
Band71	15	133297	1	#Max	QPSK	22.85	37	PASS
Band71	15	133297	36	#0	QPSK	21.81	37	PASS
Band71	15	133297	36	#Max	QPSK	21.97	37	PASS
Band71	15	133297	75	#0	QPSK	21.94	37	PASS
Band71	15	133297	1	#0	QAM16	21.97	37	PASS
Band71	15	133297	1	#Mid	QAM16	22.12	37	PASS
Band71	15	133297	1	#Max	QAM16	22.11	37	PASS
Band71	15	133297	36	#0	QAM16	20.87	37	PASS
Band71	15	133297	36	#Max	QAM16	20.96	37	PASS
Band71	15	133297	75	#0	QAM16	20.92	37	PASS
Band71	15	133397	1	#0	QPSK	22.83	37	PASS
Band71	15	133397	1	#Mid	QPSK	22.99	37	PASS
Band71	15	133397	1	#Max	QPSK	22.90	37	PASS
Band71	15	133397	36	#0	QPSK	22.06	37	PASS
Band71	15	133397	36	#Max	QPSK	22.08	37	PASS
Band71	15	133397	75	#0	QPSK	22.06	37	PASS
Band71	15	133397	1	#0	QAM16	21.94	37	PASS
Band71	15	133397	1	#Mid	QAM16	22.07	37	PASS
Band71	15	133397	1	#Max	QAM16	21.92	37	PASS
Band71	15	133397	36	#0	QAM16	21.07	37	PASS
Band71	15	133397	36	#Max	QAM16	21.04	37	PASS
Band71	15	133397	75	#0	QAM16	21.09	37	PASS
Band71	20	133222	1	#0	QPSK	22.44	37	PASS
Band71	20	133222	1	#Mid	QPSK	22.95	37	PASS
Band71	20	133222	1	#Max	QPSK	22.67	37	PASS
Band71	20	133222	50	#0	QPSK	21.81	37	PASS
Band71	20	133222	50	#Max	QPSK	22.14	37	PASS
Band71	20	133222	100	#0	QPSK	21.98	37	PASS
Band71	20	133222	1	#0	QAM16	21.70	37	PASS
Band71	20	133222	1	#Mid	QAM16	22.23	37	PASS
Band71	20	133222	1	#Max	QAM16	21.98	37	PASS
Band71	20	133222	50	#0	QAM16	20.87	37	PASS
Band71	20	133222	50	#Max	QAM16	21.22	37	PASS
Band71	20	133222	100	#0	QAM16	21.05	37	PASS
Band71	20	133322	1	#0	QPSK	22.63	37	PASS

Report

Band71	20	133322	1	#Mid	QPSK	23.16	37	PASS
Band71	20	133322	1	#Max	QPSK	22.80	37	PASS
Band71	20	133322	50	#0	QPSK	21.76	37	PASS
Band71	20	133322	50	#Max	QPSK	21.83	37	PASS
Band71	20	133322	100	#0	QPSK	21.79	37	PASS
Band71	20	133322	1	#0	QAM16	21.53	37	PASS
Band71	20	133322	1	#Mid	QAM16	22.00	37	PASS
Band71	20	133322	1	#Max	QAM16	21.69	37	PASS
Band71	20	133322	50	#0	QAM16	20.80	37	PASS
Band71	20	133322	50	#Max	QAM16	20.82	37	PASS
Band71	20	133322	100	#0	QAM16	20.86	37	PASS
Band71	20	133372	1	#0	QPSK	22.65	37	PASS
Band71	20	133372	1	#Mid	QPSK	23.10	37	PASS
Band71	20	133372	1	#Max	QPSK	22.69	37	PASS
Band71	20	133372	50	#0	QPSK	22.01	37	PASS
Band71	20	133372	50	#Max	QPSK	21.97	37	PASS
Band71	20	133372	100	#0	QPSK	22.03	37	PASS
Band71	20	133372	1	#0	QAM16	21.51	37	PASS
Band71	20	133372	1	#Mid	QAM16	21.97	37	PASS
Band71	20	133372	1	#Max	QAM16	21.55	37	PASS
Band71	20	133372	50	#0	QAM16	21.09	37	PASS
Band71	20	133372	50	#Max	QAM16	21.09	37	PASS
Band71	20	133372	100	#0	QAM16	21.08	37	PASS

Appendix F:

2 Frequency stability

Power Supplied (VDC)

NV:

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result(Hz)	Result (ppm)	Low Limit (ppm)	high Limit (ppm)	Verdict
Band12	10	23060	50	#0	QPSK	-7.53	-0.011	-2.5	2.5	PASS
Band12	10	23060	50	#0	QAM16	-8.02	-0.011	-2.5	2.5	PASS
Band12	10	23095	50	#0	QPSK	-7.49	-0.011	-2.5	2.5	PASS
Band12	10	23095	50	#0	QAM16	-8.45	-0.012	-2.5	2.5	PASS
Band12	10	23130	50	#0	QPSK	-2.68	-0.004	-2.5	2.5	PASS
Band12	10	23130	50	#0	QAM16	-3.33	-0.005	-2.5	2.5	PASS
Band17	10	23780	50	#0	QPSK	-6.62	-0.009	-2.5	2.5	PASS
Band17	10	23780	50	#0	QAM16	-4.19	-0.006	-2.5	2.5	PASS
Band17	10	23790	50	#0	QPSK	-4.16	-0.006	-2.5	2.5	PASS
Band17	10	23790	50	#0	QAM16	-4.17	-0.006	-2.5	2.5	PASS
Band17	10	23800	50	#0	QPSK	-8.32	-0.012	-2.5	2.5	PASS
Band17	10	23800	50	#0	QAM16	-8.68	-0.012	-2.5	2.5	PASS
Band2	20	18700	100	#0	QPSK	-5.65	-0.003	-2.5	2.5	PASS

Report

Band2	20	18700	100	#0	QAM16	-6.62	-0.004	-2.5	2.5	PASS
Band2	20	18900	100	#0	QPSK	-7.06	-0.004	-2.5	2.5	PASS
Band2	20	18900	100	#0	QAM16	-8.32	-0.004	-2.5	2.5	PASS
Band2	20	19100	100	#0	QPSK	-4.97	-0.003	-2.5	2.5	PASS
Band2	20	19100	100	#0	QAM16	-6.48	-0.003	-2.5	2.5	PASS
Band25	20	26140	100	#0	QPSK	-4.74	-0.003	-2.5	2.5	PASS
Band25	20	26140	100	#0	QAM16	-5.92	-0.003	-2.5	2.5	PASS
Band25	20	26365	100	#0	QPSK	-7.89	-0.004	-2.5	2.5	PASS
Band25	20	26365	100	#0	QAM16	-7.25	-0.004	-2.5	2.5	PASS
Band25	20	26590	100	#0	QPSK	-7.32	-0.004	-2.5	2.5	PASS
Band25	20	26590	100	#0	QAM16	-5.79	-0.003	-2.5	2.5	PASS
Band26(824-849)	15	26865	75	#0	QPSK	-4.99	-0.006	-2.5	2.5	PASS
Band26(824-849)	15	26865	75	#0	QAM16	-6.16	-0.007	-2.5	2.5	PASS
Band26(824-849)	15	26915	75	#0	QPSK	-6.13	-0.007	-2.5	2.5	PASS
Band26(824-849)	15	26915	75	#0	QAM16	-6.96	-0.008	-2.5	2.5	PASS
Band26(824-849)	15	26965	75	#0	QPSK	-4.09	-0.005	-2.5	2.5	PASS
Band26(824-849)	15	26965	75	#0	QAM16	-4.20	-0.005	-2.5	2.5	PASS
Band4	20	20050	100	#0	QPSK	-3.60	-0.002	-2.5	2.5	PASS
Band4	20	20050	100	#0	QAM16	-3.89	-0.002	-2.5	2.5	PASS
Band4	20	20175	100	#0	QPSK	-3.13	-0.002	-2.5	2.5	PASS
Band4	20	20175	100	#0	QAM16	-2.33	-0.001	-2.5	2.5	PASS
Band4	20	20300	100	#0	QPSK	-4.13	-0.002	-2.5	2.5	PASS
Band4	20	20300	100	#0	QAM16	-5.46	-0.003	-2.5	2.5	PASS
Band41(2555-2655)	20	40340	100	#0	QPSK	-6.02	-0.002	-2.5	2.5	PASS
Band41(2555-2655)	20	40340	100	#0	QAM16	-2.74	-0.001	-2.5	2.5	PASS
Band41(2555-2655)	20	40740	100	#0	QPSK	-3.70	-0.001	-2.5	2.5	PASS
Band41(2555-2655)	20	40740	100	#0	QAM16	-6.06	-0.002	-2.5	2.5	PASS
Band41(2555-2655)	20	41140	100	#0	QPSK	-5.52	-0.002	-2.5	2.5	PASS
Band41(2555-2655)	20	41140	100	#0	QAM16	-5.50	-0.002	-2.5	2.5	PASS
Band5	10	20450	50	#0	QPSK	-9.84	-0.012	-2.5	2.5	PASS
Band5	10	20450	50	#0	QAM16	-7.02	-0.008	-2.5	2.5	PASS
Band5	10	20525	50	#0	QPSK	-7.23	-0.009	-2.5	2.5	PASS
Band5	10	20525	50	#0	QAM16	-6.38	-0.008	-2.5	2.5	PASS
Band5	10	20600	50	#0	QPSK	-7.03	-0.008	-2.5	2.5	PASS
Band5	10	20600	50	#0	QAM16	-9.72	-0.012	-2.5	2.5	PASS
Band66	20	132072	100	#0	QPSK	-5.95	-0.003	-2.5	2.5	PASS
Band66	20	132072	100	#0	QAM16	-7.72	-0.004	-2.5	2.5	PASS
Band66	20	132322	100	#0	QPSK	-3.20	-0.002	-2.5	2.5	PASS
Band66	20	132322	100	#0	QAM16	-1.54	-0.001	-2.5	2.5	PASS
Band66	20	132572	100	#0	QPSK	-3.64	-0.002	-2.5	2.5	PASS
Band66	20	132572	100	#0	QAM16	-1.34	-0.001	-2.5	2.5	PASS
Band71	20	133222	100	#0	QPSK	-8.22	-0.012	-2.5	2.5	PASS
Band71	20	133222	100	#0	QAM16	-7.43	-0.011	-2.5	2.5	PASS
Band71	20	133322	100	#0	QPSK	-3.97	-0.006	-2.5	2.5	PASS

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Band71	20	133322	100	#0	QAM16	-7.61	-0.011	-2.5	2.5	PASS
Band71	20	133372	100	#0	QPSK	-6.63	-0.010	-2.5	2.5	PASS
Band71	20	133372	100	#0	QAM16	-7.78	-0.011	-2.5	2.5	PASS

LV:

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result(Hz)	Result (ppm)	Low Limit (ppm)	high Limit (ppm)	Verdict
Band12	10	23060	50	#0	QPSK	-5.82	-0.008	-2.5	2.5	PASS
Band12	10	23060	50	#0	QAM16	-6.39	-0.009	-2.5	2.5	PASS
Band12	10	23095	50	#0	QPSK	-6.22	-0.009	-2.5	2.5	PASS
Band12	10	23095	50	#0	QAM16	-7.38	-0.010	-2.5	2.5	PASS
Band12	10	23130	50	#0	QPSK	-7.69	-0.011	-2.5	2.5	PASS
Band12	10	23130	50	#0	QAM16	-9.67	-0.014	-2.5	2.5	PASS
Band17	10	23780	50	#0	QPSK	-7.55	-0.011	-2.5	2.5	PASS
Band17	10	23780	50	#0	QAM16	-8.55	-0.012	-2.5	2.5	PASS
Band17	10	23790	50	#0	QPSK	-3.94	-0.006	-2.5	2.5	PASS
Band17	10	23790	50	#0	QAM16	-7.56	-0.011	-2.5	2.5	PASS
Band17	10	23800	50	#0	QPSK	-4.52	-0.006	-2.5	2.5	PASS
Band17	10	23800	50	#0	QAM16	-7.02	-0.010	-2.5	2.5	PASS
Band2	20	18700	100	#0	QPSK	-6.89	-0.004	-2.5	2.5	PASS
Band2	20	18700	100	#0	QAM16	-4.99	-0.003	-2.5	2.5	PASS
Band2	20	18900	100	#0	QPSK	-5.57	-0.003	-2.5	2.5	PASS
Band2	20	18900	100	#0	QAM16	-9.82	-0.005	-2.5	2.5	PASS
Band2	20	19100	100	#0	QPSK	-6.03	-0.003	-2.5	2.5	PASS
Band2	20	19100	100	#0	QAM16	-6.36	-0.003	-2.5	2.5	PASS
Band25	20	26140	100	#0	QPSK	-2.07	-0.001	-2.5	2.5	PASS
Band25	20	26140	100	#0	QAM16	-3.49	-0.002	-2.5	2.5	PASS
Band25	20	26365	100	#0	QPSK	-7.48	-0.004	-2.5	2.5	PASS
Band25	20	26365	100	#0	QAM16	-6.32	-0.003	-2.5	2.5	PASS
Band25	20	26590	100	#0	QPSK	-4.86	-0.003	-2.5	2.5	PASS
Band25	20	26590	100	#0	QAM16	-5.52	-0.003	-2.5	2.5	PASS
Band26(824-849)	15	26865	75	#0	QPSK	-5.26	-0.006	-2.5	2.5	PASS
Band26(824-849)	15	26865	75	#0	QAM16	-5.35	-0.006	-2.5	2.5	PASS
Band26(824-849)	15	26915	75	#0	QPSK	-8.33	-0.010	-2.5	2.5	PASS
Band26(824-849)	15	26915	75	#0	QAM16	-7.26	-0.009	-2.5	2.5	PASS
Band26(824-849)	15	26965	75	#0	QPSK	-7.03	-0.008	-2.5	2.5	PASS
Band26(824-849)	15	26965	75	#0	QAM16	-5.82	-0.007	-2.5	2.5	PASS
Band4	20	20050	100	#0	QPSK	-4.20	-0.002	-2.5	2.5	PASS
Band4	20	20050	100	#0	QAM16	-5.02	-0.003	-2.5	2.5	PASS
Band4	20	20175	100	#0	QPSK	-3.64	-0.002	-2.5	2.5	PASS
Band4	20	20175	100	#0	QAM16	-3.70	-0.002	-2.5	2.5	PASS
Band4	20	20300	100	#0	QPSK	-4.82	-0.003	-2.5	2.5	PASS
Band4	20	20300	100	#0	QAM16	-4.64	-0.003	-2.5	2.5	PASS

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Band41(2555-2655)	20	40340	100	#0	QPSK	-9.81	-0.004	-2.5	2.5	PASS
Band41(2555-2655)	20	40340	100	#0	QAM16	-6.38	-0.002	-2.5	2.5	PASS
Band41(2555-2655)	20	40740	100	#0	QPSK	-9.14	-0.004	-2.5	2.5	PASS
Band41(2555-2655)	20	40740	100	#0	QAM16	-5.89	-0.002	-2.5	2.5	PASS
Band41(2555-2655)	20	41140	100	#0	QPSK	-5.70	-0.002	-2.5	2.5	PASS
Band41(2555-2655)	20	41140	100	#0	QAM16	-2.73	-0.001	-2.5	2.5	PASS
Band5	10	20450	50	#0	QPSK	-5.97	-0.007	-2.5	2.5	PASS
Band5	10	20450	50	#0	QAM16	-5.17	-0.006	-2.5	2.5	PASS
Band5	10	20525	50	#0	QPSK	-4.32	-0.005	-2.5	2.5	PASS
Band5	10	20525	50	#0	QAM16	-6.38	-0.008	-2.5	2.5	PASS
Band5	10	20600	50	#0	QPSK	-7.00	-0.008	-2.5	2.5	PASS
Band5	10	20600	50	#0	QAM16	-7.86	-0.009	-2.5	2.5	PASS
Band66	20	132072	100	#0	QPSK	-3.29	-0.002	-2.5	2.5	PASS
Band66	20	132072	100	#0	QAM16	-3.89	-0.002	-2.5	2.5	PASS
Band66	20	132322	100	#0	QPSK	-3.51	-0.002	-2.5	2.5	PASS
Band66	20	132322	100	#0	QAM16	-4.22	-0.002	-2.5	2.5	PASS
Band66	20	132572	100	#0	QPSK	-3.70	-0.002	-2.5	2.5	PASS
Band66	20	132572	100	#0	QAM16	-2.98	-0.002	-2.5	2.5	PASS
Band71	20	133222	100	#0	QPSK	-8.16	-0.012	-2.5	2.5	PASS
Band71	20	133222	100	#0	QAM16	-9.91	-0.015	-2.5	2.5	PASS
Band71	20	133322	100	#0	QPSK	-6.53	-0.010	-2.5	2.5	PASS
Band71	20	133322	100	#0	QAM16	-7.29	-0.011	-2.5	2.5	PASS
Band71	20	133372	100	#0	QPSK	-7.12	-0.010	-2.5	2.5	PASS
Band71	20	133372	100	#0	QAM16	-7.76	-0.011	-2.5	2.5	PASS

HV:

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result(Hz)	Result (ppm)	Low Limit (ppm)	high Limit (ppm)	Verdict
Band12	10	23060	50	#0	QPSK	-3.74	-0.005	-2.5	2.5	PASS
Band12	10	23060	50	#0	QAM16	-5.03	-0.007	-2.5	2.5	PASS
Band12	10	23095	50	#0	QPSK	-3.59	-0.005	-2.5	2.5	PASS
Band12	10	23095	50	#0	QAM16	-7.91	-0.011	-2.5	2.5	PASS
Band12	10	23130	50	#0	QPSK	-5.43	-0.008	-2.5	2.5	PASS
Band12	10	23130	50	#0	QAM16	-8.91	-0.013	-2.5	2.5	PASS
Band17	10	23780	50	#0	QPSK	-4.79	-0.007	-2.5	2.5	PASS
Band17	10	23780	50	#0	QAM16	-4.43	-0.006	-2.5	2.5	PASS
Band17	10	23790	50	#0	QPSK	-5.60	-0.008	-2.5	2.5	PASS
Band17	10	23790	50	#0	QAM16	-6.76	-0.010	-2.5	2.5	PASS
Band17	10	23800	50	#0	QPSK	-4.84	-0.007	-2.5	2.5	PASS
Band17	10	23800	50	#0	QAM16	-8.19	-0.012	-2.5	2.5	PASS
Band2	20	18700	100	#0	QPSK	-7.99	-0.004	-2.5	2.5	PASS
Band2	20	18700	100	#0	QAM16	-8.01	-0.004	-2.5	2.5	PASS
Band2	20	18900	100	#0	QPSK	-5.76	-0.003	-2.5	2.5	PASS

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Band2	20	18900	100	#0	QAM16	-4.40	-0.002	-2.5	2.5	PASS
Band2	20	19100	100	#0	QPSK	-5.97	-0.003	-2.5	2.5	PASS
Band2	20	19100	100	#0	QAM16	-9.34	-0.005	-2.5	2.5	PASS
Band25	20	26140	100	#0	QPSK	-6.66	-0.004	-2.5	2.5	PASS
Band25	20	26140	100	#0	QAM16	-6.99	-0.004	-2.5	2.5	PASS
Band25	20	26365	100	#0	QPSK	-12.43	-0.007	-2.5	2.5	PASS
Band25	20	26365	100	#0	QAM16	-7.45	-0.004	-2.5	2.5	PASS
Band25	20	26590	100	#0	QPSK	-2.60	-0.001	-2.5	2.5	PASS
Band25	20	26590	100	#0	QAM16	-3.40	-0.002	-2.5	2.5	PASS
Band26(824-849)	15	26865	75	#0	QPSK	-4.44	-0.005	-2.5	2.5	PASS
Band26(824-849)	15	26865	75	#0	QAM16	-5.33	-0.006	-2.5	2.5	PASS
Band26(824-849)	15	26915	75	#0	QPSK	-3.61	-0.004	-2.5	2.5	PASS
Band26(824-849)	15	26915	75	#0	QAM16	-5.79	-0.007	-2.5	2.5	PASS
Band26(824-849)	15	26965	75	#0	QPSK	-6.93	-0.008	-2.5	2.5	PASS
Band26(824-849)	15	26965	75	#0	QAM16	-6.30	-0.007	-2.5	2.5	PASS
Band4	20	20050	100	#0	QPSK	-4.59	-0.003	-2.5	2.5	PASS
Band4	20	20050	100	#0	QAM16	-4.89	-0.003	-2.5	2.5	PASS
Band4	20	20175	100	#0	QPSK	-3.99	-0.002	-2.5	2.5	PASS
Band4	20	20175	100	#0	QAM16	-4.99	-0.003	-2.5	2.5	PASS
Band4	20	20300	100	#0	QPSK	-4.99	-0.003	-2.5	2.5	PASS
Band4	20	20300	100	#0	QAM16	-4.03	-0.002	-2.5	2.5	PASS
Band41(2555-2655)	20	40340	100	#0	QPSK	-7.36	-0.003	-2.5	2.5	PASS
Band41(2555-2655)	20	40340	100	#0	QAM16	-6.56	-0.003	-2.5	2.5	PASS
Band41(2555-2655)	20	40740	100	#0	QPSK	-5.04	-0.002	-2.5	2.5	PASS
Band41(2555-2655)	20	40740	100	#0	QAM16	-4.70	-0.002	-2.5	2.5	PASS
Band41(2555-2655)	20	41140	100	#0	QPSK	-10.84	-0.004	-2.5	2.5	PASS
Band41(2555-2655)	20	41140	100	#0	QAM16	-8.86	-0.003	-2.5	2.5	PASS
Band5	10	20450	50	#0	QPSK	-7.72	-0.009	-2.5	2.5	PASS
Band5	10	20450	50	#0	QAM16	-5.00	-0.006	-2.5	2.5	PASS
Band5	10	20525	50	#0	QPSK	-3.97	-0.005	-2.5	2.5	PASS
Band5	10	20525	50	#0	QAM16	-6.90	-0.008	-2.5	2.5	PASS
Band5	10	20600	50	#0	QPSK	-7.35	-0.009	-2.5	2.5	PASS
Band5	10	20600	50	#0	QAM16	-4.86	-0.006	-2.5	2.5	PASS
Band66	20	132072	100	#0	QPSK	-9.51	-0.006	-2.5	2.5	PASS
Band66	20	132072	100	#0	QAM16	-9.49	-0.006	-2.5	2.5	PASS
Band66	20	132322	100	#0	QPSK	-4.52	-0.003	-2.5	2.5	PASS
Band66	20	132322	100	#0	QAM16	-3.04	-0.002	-2.5	2.5	PASS
Band66	20	132572	100	#0	QPSK	-3.76	-0.002	-2.5	2.5	PASS
Band66	20	132572	100	#0	QAM16	-2.41	-0.001	-2.5	2.5	PASS
Band71	20	133222	100	#0	QPSK	-10.12	-0.015	-2.5	2.5	PASS
Band71	20	133222	100	#0	QAM16	-8.29	-0.012	-2.5	2.5	PASS
Band71	20	133322	100	#0	QPSK	-6.23	-0.009	-2.5	2.5	PASS
Band71	20	133322	100	#0	QAM16	-7.13	-0.010	-2.5	2.5	PASS
Band71	20	133372	100	#0	QPSK	-8.11	-0.012	-2.5	2.5	PASS

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Band71	20	133372	100	#0	QAM16	-7.22	-0.010	-2.5	2.5	PASS
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Reference Frequency(Middle Channel): 1880MHz, Limit: 2.5ppm					
Band	Modulation	Environment Temperature (°C)	Power Supplied (VDC)	Frequency Measure with Time Elapsed	
				MCF (Hz)	Error (ppm)
Band12	QPSK	50	NV	-16.75	-0.02368
Band12	QPSK	40	NV	-37.15	-0.05251
Band12	QPSK	30	NV	-34.07	-0.04815
Band12	QPSK	20	NV	-41.66	-0.05888
Band12	QPSK	10	NV	-36.99	-0.05228
Band12	QPSK	0	NV	-24.90	-0.03519
Band12	QPSK	-10	NV	-5.10	-0.00721
Band12	QPSK	-20	NV	-8.33	-0.01177
Band12	QPSK	-30	NV	-35.91	-0.05076
Band12	QAM16	50	NV	-21.75	-0.03074
Band12	QAM16	40	NV	-36.36	-0.05139
Band12	QAM16	30	NV	-30.48	-0.04308
Band12	QAM16	20	NV	-6.94	-0.00981
Band12	QAM16	10	NV	-13.51	-0.01910
Band12	QAM16	0	NV	-48.65	-0.06877
Band12	QAM16	-10	NV	-40.92	-0.05783
Band12	QAM16	-20	NV	-46.95	-0.06636
Band12	QAM16	-30	NV	-46.98	-0.06641

Reference Frequency(Middle Channel): 710MHz, Limit: 2.5ppm					
Band	Modulation	Environment Temperature (°C)	Power Supplied (VDC)	Frequency Measure with Time Elapsed	
				MCF (Hz)	Error (ppm)
Band17	QPSK	50	NV	-28.06	-0.03952
Band17	QPSK	40	NV	-30.30	-0.04268
Band17	QPSK	30	NV	-29.34	-0.04132
Band17	QPSK	20	NV	-43.58	-0.06138
Band17	QPSK	10	NV	-42.34	-0.05964
Band17	QPSK	0	NV	-36.53	-0.05146
Band17	QPSK	-10	NV	-12.30	-0.01733
Band17	QPSK	-20	NV	-10.16	-0.01431
Band17	QPSK	-30	NV	-35.45	-0.04993
Band17	QAM16	50	NV	-32.21	-0.04537
Band17	QAM16	40	NV	-42.26	-0.05952
Band17	QAM16	30	NV	-30.68	-0.04321
Band17	QAM16	20	NV	-24.54	-0.03456

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Band17	QAM16	10	NV	-43.21	-0.06086
Band17	QAM16	0	NV	-38.85	-0.05472
Band17	QAM16	-10	NV	-30.43	-0.04286
Band17	QAM16	-20	NV	-7.30	-0.01028
Band17	QAM16	-30	NV	-39.32	-0.05539

Reference Frequency(Middle Channel): 1880MHz, Limit: 2.5ppm					
Band	Modulation	Environment Temperature (°C)	Power Supplied (VDC)	Frequency Measure with Time Elapsed	
				MCF (Hz)	Error (ppm)
Band2	QPSK	50	NV	-24.75	-0.01316
Band2	QPSK	40	NV	-8.37	-0.00445
Band2	QPSK	30	NV	-85.74	-0.04561
Band2	QPSK	20	NV	-5.56	-0.00296
Band2	QPSK	10	NV	-62.67	-0.03333
Band2	QPSK	0	NV	-29.48	-0.01568
Band2	QPSK	-10	NV	-18.69	-0.00994
Band2	QPSK	-20	NV	-49.29	-0.02622
Band2	QPSK	-30	NV	-80.29	-0.04271
Band2	QAM16	50	NV	-72.67	-0.03866
Band2	QAM16	40	NV	-9.23	-0.00491
Band2	QAM16	30	NV	-28.10	-0.01495
Band2	QAM16	20	NV	-71.39	-0.03797
Band2	QAM16	10	NV	-21.52	-0.01144
Band2	QAM16	0	NV	-38.93	-0.02071
Band2	QAM16	-10	NV	-58.37	-0.03105
Band2	QAM16	-20	NV	-51.41	-0.02734
Band2	QAM16	-30	NV	-81.26	-0.04323

Reference Frequency(Middle Channel): 1882.5MHz, Limit: 2.5ppm					
Band	Modulation	Environment Temperature (°C)	Power Supplied (VDC)	Frequency Measure with Time Elapsed	
				MCF (Hz)	Error (ppm)
Band25	QPSK	50	NV	-72.38	-0.03845
Band25	QPSK	40	NV	-16.05	-0.00852
Band25	QPSK	30	NV	-35.58	-0.01890
Band25	QPSK	20	NV	-3.32	-0.00176
Band25	QPSK	10	NV	-86.18	-0.04578
Band25	QPSK	0	NV	-20.72	-0.01101
Band25	QPSK	-10	NV	-80.70	-0.04287
Band25	QPSK	-20	NV	-4.14	-0.00220

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Band25	QPSK	-30	NV	-35.54	-0.01888
Band25	QAM16	50	NV	-22.92	-0.01218
Band25	QAM16	40	NV	-38.63	-0.02052
Band25	QAM16	30	NV	-77.36	-0.04110
Band25	QAM16	20	NV	-27.04	-0.01436
Band25	QAM16	10	NV	-75.24	-0.03997
Band25	QAM16	0	NV	-55.41	-0.02944
Band25	QAM16	-10	NV	-52.61	-0.02795
Band25	QAM16	-20	NV	-27.50	-0.01461
Band25	QAM16	-30	NV	-13.75	-0.00731

Reference Frequency(Middle Channel): 2605MHz, Limit: 2.5ppm					
Band	Modulation	Environment Temperature (°C)	Power Supplied (VDC)	Frequency Measure with Time Elapsed	
				MCF (Hz)	Error (ppm)
Band26(824-849)	QPSK	50	NV	-15.22	-0.01819
Band26(824-849)	QPSK	40	NV	-40.10	-0.04793
Band26(824-849)	QPSK	30	NV	-18.32	-0.02190
Band26(824-849)	QPSK	20	NV	-44.55	-0.05326
Band26(824-849)	QPSK	10	NV	-32.51	-0.03886
Band26(824-849)	QPSK	0	NV	-41.16	-0.04920
Band26(824-849)	QPSK	-10	NV	-25.26	-0.03020
Band26(824-849)	QPSK	-20	NV	-5.45	-0.00651
Band26(824-849)	QPSK	-30	NV	-47.82	-0.05716
Band26(824-849)	QAM16	50	NV	-7.13	-0.00853
Band26(824-849)	QAM16	40	NV	-49.05	-0.05864
Band26(824-849)	QAM16	30	NV	-46.14	-0.05516
Band26(824-849)	QAM16	20	NV	-17.63	-0.02107
Band26(824-849)	QAM16	10	NV	-10.07	-0.01203
Band26(824-849)	QAM16	0	NV	-48.13	-0.05754
Band26(824-849)	QAM16	-10	NV	-43.91	-0.05249
Band26(824-849)	QAM16	-20	NV	-7.57	-0.00905
Band26(824-849)	QAM16	-30	NV	-41.20	-0.04925

Reference Frequency(Middle Channel): 1732.5MHz, Limit: 2.5ppm					
Band	Modulation	Environment Temperature (°C)	Power Supplied (VDC)	Frequency Measure with Time Elapsed	
				MCF (Hz)	Error (ppm)
Band4	QPSK	50	NV	-78.12	-0.04509
Band4	QPSK	40	NV	-22.84	-0.01319
Band4	QPSK	30	NV	-11.75	-0.00678

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Band4	QPSK	20	NV	-43.74	-0.02525
Band4	QPSK	10	NV	-7.79	-0.00449
Band4	QPSK	0	NV	-80.19	-0.04629
Band4	QPSK	-10	NV	-11.69	-0.00674
Band4	QPSK	-20	NV	-22.70	-0.01310
Band4	QPSK	-30	NV	-44.10	-0.02545
Band4	QAM16	50	NV	-85.27	-0.04922
Band4	QAM16	40	NV	-34.62	-0.01998
Band4	QAM16	30	NV	-0.12	-0.00007
Band4	QAM16	20	NV	-1.53	-0.00089
Band4	QAM16	10	NV	-12.61	-0.00728
Band4	QAM16	0	NV	-15.63	-0.00902
Band4	QAM16	-10	NV	-81.19	-0.04687
Band4	QAM16	-20	NV	-31.51	-0.01819
Band4	QAM16	-30	NV	-6.15	-0.00355

Reference Frequency(Middle Channel): 2605MHz, Limit: 2.5ppm					
Band	Modulation	Environment Temperature (°C)	Power Supplied (VDC)	Frequency Measure with Time Elapsed	
				MCF (Hz)	Error (ppm)
Band41(2555-2655)	QPSK	50	NV	-7.78	-0.00299
Band41(2555-2655)	QPSK	40	NV	-35.75	-0.01372
Band41(2555-2655)	QPSK	30	NV	-60.39	-0.02318
Band41(2555-2655)	QPSK	20	NV	-34.94	-0.01341
Band41(2555-2655)	QPSK	10	NV	-27.73	-0.01064
Band41(2555-2655)	QPSK	0	NV	-3.31	-0.00127
Band41(2555-2655)	QPSK	-10	NV	-59.20	-0.02272
Band41(2555-2655)	QPSK	-20	NV	-5.43	-0.00208
Band41(2555-2655)	QPSK	-30	NV	-84.65	-0.03249
Band41(2555-2655)	QAM16	50	NV	-21.69	-0.00833
Band41(2555-2655)	QAM16	40	NV	-89.92	-0.03452
Band41(2555-2655)	QAM16	30	NV	-42.72	-0.01640
Band41(2555-2655)	QAM16	20	NV	-7.22	-0.00277
Band41(2555-2655)	QAM16	10	NV	-54.95	-0.02109
Band41(2555-2655)	QAM16	0	NV	-83.72	-0.03214
Band41(2555-2655)	QAM16	-10	NV	-61.76	-0.02371
Band41(2555-2655)	QAM16	-20	NV	-26.42	-0.01014
Band41(2555-2655)	QAM16	-30	NV	-27.37	-0.01051

Reference Frequency(Middle Channel): 836.5MHz, Limit: 2.5ppm
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Report

Band	Modulation	Environment Temperature (°C)	Power Supplied (VDC)	Frequency Measure with Time Elapsed	
				MCF (Hz)	Error (ppm)
Band5	QPSK	50	NV	-35.37	-0.04229
Band5	QPSK	40	NV	-1.36	-0.00162
Band5	QPSK	30	NV	-44.54	-0.05324
Band5	QPSK	20	NV	-25.25	-0.03018
Band5	QPSK	10	NV	-46.37	-0.05543
Band5	QPSK	0	NV	-30.11	-0.03600
Band5	QPSK	-10	NV	-5.48	-0.00656
Band5	QPSK	-20	NV	-21.14	-0.02527
Band5	QPSK	-30	NV	-26.17	-0.03129
Band5	QAM16	50	NV	-36.06	-0.04311
Band5	QAM16	40	NV	-17.12	-0.02046
Band5	QAM16	30	NV	-11.02	-0.01317
Band5	QAM16	20	NV	-48.91	-0.05847
Band5	QAM16	10	NV	-2.70	-0.00323
Band5	QAM16	0	NV	-10.85	-0.01297
Band5	QAM16	-10	NV	-42.33	-0.05061
Band5	QAM16	-20	NV	-4.40	-0.00526
Band5	QAM16	-30	NV	-33.06	-0.03953

Reference Frequency(Middle Channel): 1745MHz, Limit: 2.5ppm					
Band	Modulation	Environment Temperature (°C)	Power Supplied (VDC)	Frequency Measure with Time Elapsed	
				MCF (Hz)	Error (ppm)
Band66	QPSK	50	NV	-17.78	-0.01019
Band66	QPSK	40	NV	-64.68	-0.03707
Band66	QPSK	30	NV	-36.88	-0.02114
Band66	QPSK	20	NV	-59.63	-0.03417
Band66	QPSK	10	NV	-44.09	-0.02527
Band66	QPSK	0	NV	-26.17	-0.01500
Band66	QPSK	-10	NV	-6.31	-0.00362
Band66	QPSK	-20	NV	-68.45	-0.03923
Band66	QPSK	-30	NV	-79.97	-0.04583
Band66	QAM16	50	NV	-82.40	-0.04722
Band66	QAM16	40	NV	-72.24	-0.04140
Band66	QAM16	30	NV	-52.35	-0.03000
Band66	QAM16	20	NV	-26.69	-0.01529
Band66	QAM16	10	NV	-22.80	-0.01306
Band66	QAM16	0	NV	-79.92	-0.04580
Band66	QAM16	-10	NV	-18.98	-0.01088

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Band66	QAM16	-20	NV	-57.43	-0.03291
Band66	QAM16	-30	NV	-20.26	-0.01161

Reference Frequency(Middle Channel): 683MHz, Limit: 2.5ppm					
Band	Modulation	Environment Temperature (°C)	Power Supplied (VDC)	Frequency Measure with Time Elapsed	
				MCF (Hz)	Error (ppm)
Band71	QPSK	50	NV	-0.44	-0.00064
Band71	QPSK	40	NV	-15.12	-0.02214
Band71	QPSK	30	NV	-67.00	-0.09810
Band71	QPSK	20	NV	-62.44	-0.09142
Band71	QPSK	10	NV	-29.86	-0.04372
Band71	QPSK	0	NV	-38.27	-0.05603
Band71	QPSK	-10	NV	-5.68	-0.00832
Band71	QPSK	-20	NV	-66.05	-0.09670
Band71	QPSK	-30	NV	-41.16	-0.06027
Band71	QAM16	50	NV	-78.78	-0.11534
Band71	QAM16	40	NV	-6.24	-0.00914
Band71	QAM16	30	NV	-57.64	-0.08439
Band71	QAM16	20	NV	-5.22	-0.00764
Band71	QAM16	10	NV	-71.19	-0.10423
Band71	QAM16	0	NV	-4.58	-0.00671
Band71	QAM16	-10	NV	-22.58	-0.03305
Band71	QAM16	-20	NV	-88.72	-0.12990
Band71	QAM16	-30	NV	-14.63	-0.02142

Appendix B:

3 Peak-to-Average Ratio

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
Band12	1.4	23095	1	#0	QPSK	4.80	13	PASS
Band12	1.4	23095	1	#0	QAM16	5.67	13	PASS
Band12	3	23095	1	#0	QPSK	4.57	13	PASS
Band12	3	23095	1	#0	QAM16	5.42	13	PASS
Band12	5	23095	1	#0	QPSK	4.90	13	PASS
Band12	5	23095	1	#0	QAM16	5.43	13	PASS
Band12	10	23095	1	#0	QPSK	4.83	13	PASS
Band12	10	23095	1	#0	QAM16	5.64	13	PASS
Band17	5	23790	1	#0	QPSK	8.39	13	PASS
Band17	5	23790	1	#0	QAM16	8.41	13	PASS
Band17	10	23790	1	#0	QPSK	8.43	13	PASS

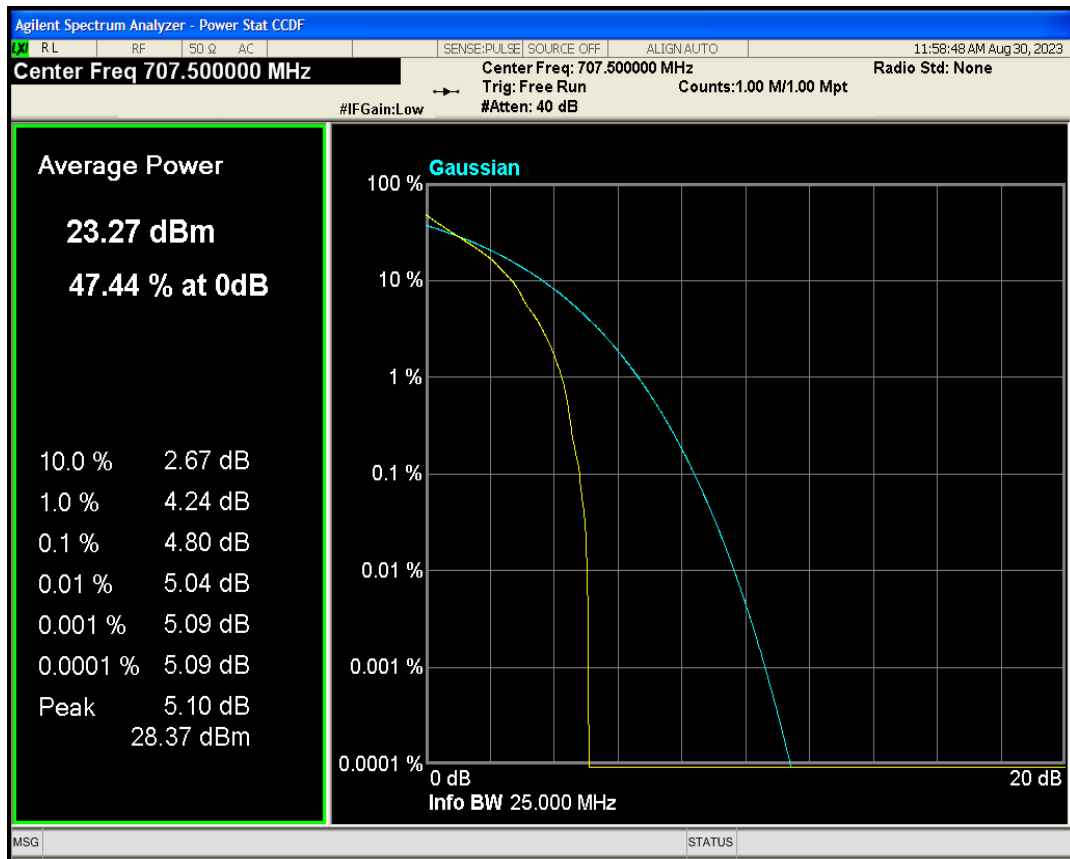
Report

Band17	10	23790	1	#0	QAM16	8.43	13	PASS
Band2	1.4	18900	1	#0	QPSK	5.35	13	PASS
Band2	1.4	18900	1	#0	QAM16	6.09	13	PASS
Band2	3	18900	1	#0	QPSK	5.19	13	PASS
Band2	3	18900	1	#0	QAM16	5.96	13	PASS
Band2	5	18900	1	#0	QPSK	5.51	13	PASS
Band2	5	18900	1	#0	QAM16	5.93	13	PASS
Band2	10	18900	1	#0	QPSK	5.31	13	PASS
Band2	10	18900	1	#0	QAM16	6.27	13	PASS
Band2	15	18900	1	#0	QPSK	5.37	13	PASS
Band2	15	18900	1	#0	QAM16	6.40	13	PASS
Band2	20	18900	1	#0	QPSK	5.22	13	PASS
Band2	20	18900	1	#0	QAM16	5.82	13	PASS
Band25	1.4	26365	1	#0	QPSK	5.43	13	PASS
Band25	1.4	26365	1	#0	QAM16	6.13	13	PASS
Band25	3	26365	1	#0	QPSK	5.19	13	PASS
Band25	3	26365	1	#0	QAM16	6.17	13	PASS
Band25	5	26365	1	#0	QPSK	5.54	13	PASS
Band25	5	26365	1	#0	QAM16	5.97	13	PASS
Band25	10	26365	1	#0	QPSK	5.38	13	PASS
Band25	10	26365	1	#0	QAM16	6.17	13	PASS
Band25	15	26365	1	#0	QPSK	5.34	13	PASS
Band25	15	26365	1	#0	QAM16	6.26	13	PASS
Band25	20	26365	1	#0	QPSK	5.35	13	PASS
Band25	20	26365	1	#0	QAM16	5.88	13	PASS
Band26(824-849)	1.4	26915	1	#0	QPSK	5.21	13	PASS
Band26(824-849)	1.4	26915	1	#0	QAM16	6.05	13	PASS
Band26(824-849)	3	26915	1	#0	QPSK	5.01	13	PASS
Band26(824-849)	3	26915	1	#0	QAM16	5.90	13	PASS
Band26(824-849)	5	26915	1	#0	QPSK	5.15	13	PASS
Band26(824-849)	5	26915	1	#0	QAM16	5.65	13	PASS
Band26(824-849)	10	26915	1	#0	QPSK	4.66	13	PASS
Band26(824-849)	10	26915	1	#0	QAM16	5.47	13	PASS
Band26(824-849)	15	26915	1	#0	QPSK	4.63	13	PASS
Band26(824-849)	15	26915	1	#0	QAM16	5.44	13	PASS
Band4	1.4	20175	1	#0	QPSK	5.18	13	PASS
Band4	1.4	20175	1	#0	QAM16	5.99	13	PASS
Band4	3	20175	1	#0	QPSK	5.14	13	PASS
Band4	3	20175	1	#0	QAM16	5.84	13	PASS
Band4	5	20175	1	#0	QPSK	5.22	13	PASS
Band4	5	20175	1	#0	QAM16	5.82	13	PASS
Band4	10	20175	1	#0	QPSK	5.27	13	PASS
Band4	10	20175	1	#0	QAM16	6.13	13	PASS
Band4	15	20175	1	#0	QPSK	5.19	13	PASS

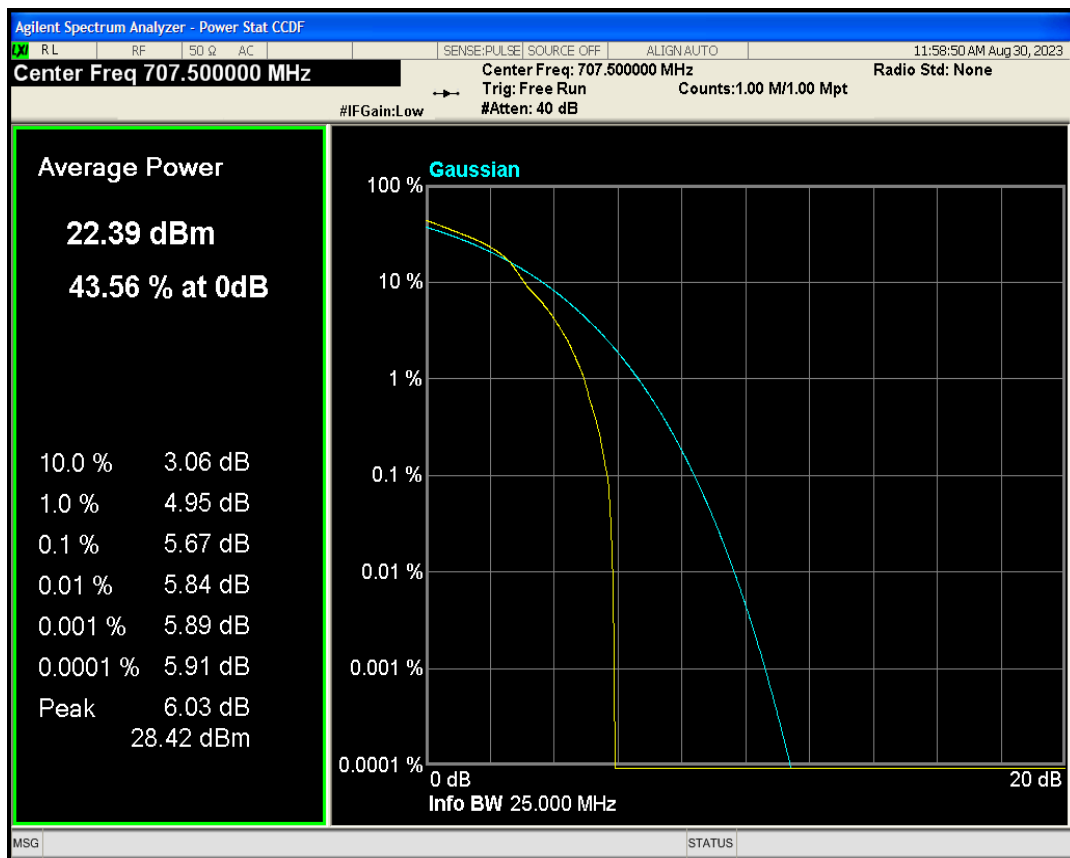
Report

Band4	15	20175	1	#0	QAM16	6.12	13	PASS
Band4	20	20175	1	#0	QPSK	5.21	13	PASS
Band4	20	20175	1	#0	QAM16	5.79	13	PASS
Band41(2555-2655)	5	40740	1	#0	QPSK	9.95	13	PASS
Band41(2555-2655)	5	40740	1	#0	QAM16	9.80	13	PASS
Band41(2555-2655)	10	40740	1	#0	QPSK	8.76	13	PASS
Band41(2555-2655)	10	40740	1	#0	QAM16	10.34	13	PASS
Band41(2555-2655)	15	40740	1	#0	QPSK	11.30	13	PASS
Band41(2555-2655)	15	40740	1	#0	QAM16	10.49	13	PASS
Band41(2555-2655)	20	40740	1	#0	QPSK	8.88	13	PASS
Band41(2555-2655)	20	40740	1	#0	QAM16	8.58	13	PASS
Band5	1.4	20525	1	#0	QPSK	5.20	13	PASS
Band5	1.4	20525	1	#0	QAM16	5.96	13	PASS
Band5	3	20525	1	#0	QPSK	4.91	13	PASS
Band5	3	20525	1	#0	QAM16	5.82	13	PASS
Band5	5	20525	1	#0	QPSK	5.06	13	PASS
Band5	5	20525	1	#0	QAM16	5.65	13	PASS
Band5	10	20525	1	#0	QPSK	4.56	13	PASS
Band5	10	20525	1	#0	QAM16	5.44	13	PASS
Band66	1.4	132322	1	#0	QPSK	5.35	13	PASS
Band66	1.4	132322	1	#0	QAM16	6.18	13	PASS
Band66	3	132322	1	#0	QPSK	5.21	13	PASS
Band66	3	132322	1	#0	QAM16	6.13	13	PASS
Band66	5	132322	1	#0	QPSK	5.41	13	PASS
Band66	5	132322	1	#0	QAM16	5.70	13	PASS
Band66	10	132322	1	#0	QPSK	4.99	13	PASS
Band66	10	132322	1	#0	QAM16	6.06	13	PASS
Band66	15	132322	1	#0	QPSK	5.02	13	PASS
Band66	15	132322	1	#0	QAM16	5.90	13	PASS
Band66	20	132322	1	#0	QPSK	4.90	13	PASS
Band66	20	132322	1	#0	QAM16	5.54	13	PASS
Band71	5	133297	1	#0	QPSK	5.80	13	PASS
Band71	5	133297	1	#0	QAM16	6.20	13	PASS
Band71	10	133297	1	#0	QPSK	5.88	13	PASS
Band71	10	133297	1	#0	QAM16	6.58	13	PASS
Band71	15	133297	1	#0	QPSK	5.98	13	PASS
Band71	15	133297	1	#0	QAM16	6.76	13	PASS
Band71	20	133322	1	#0	QPSK	5.74	13	PASS
Band71	20	133322	1	#0	QAM16	6.24	13	PASS

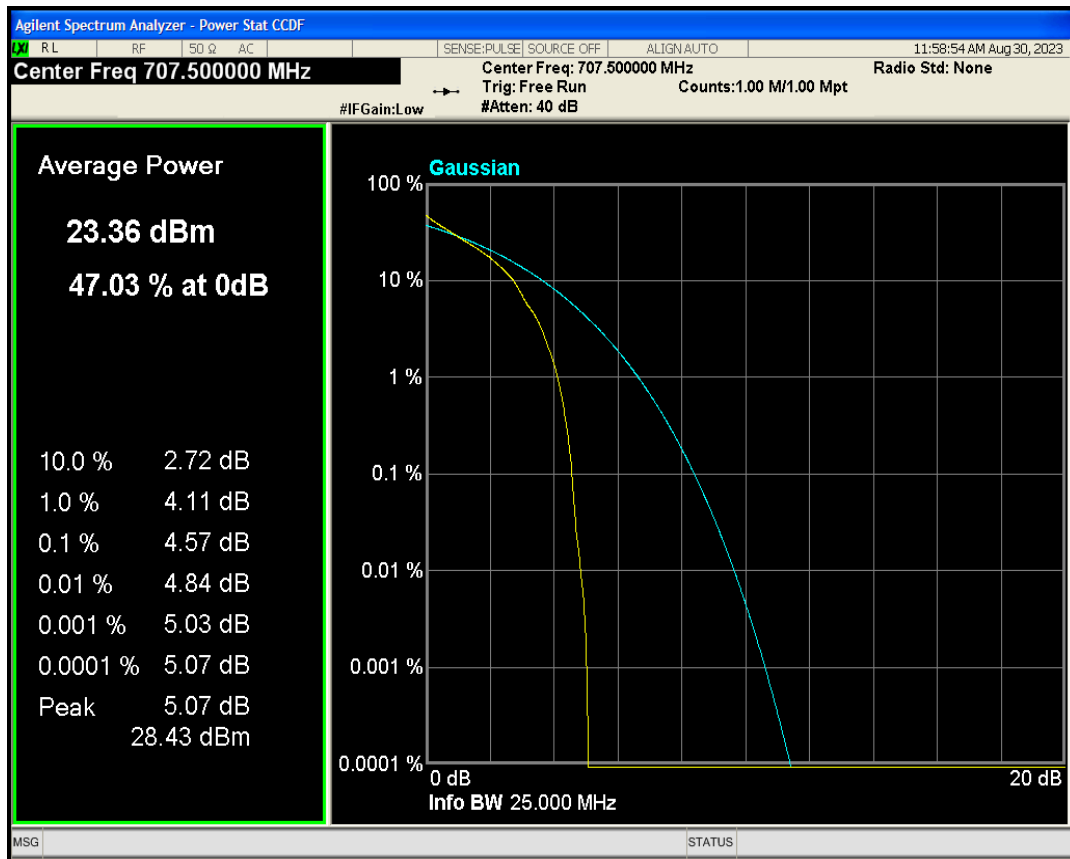
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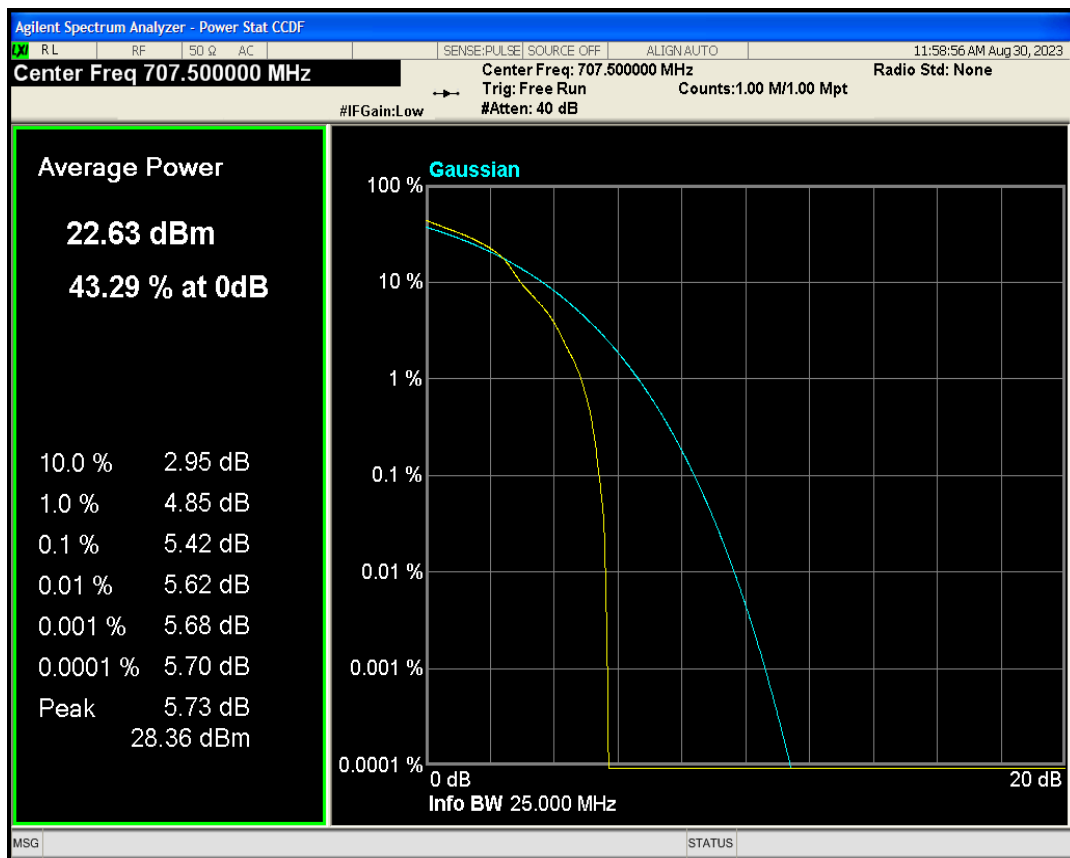
Band12 QAM16 BW=1.4MHz Channel=23095 RB Size=1 Position=#0



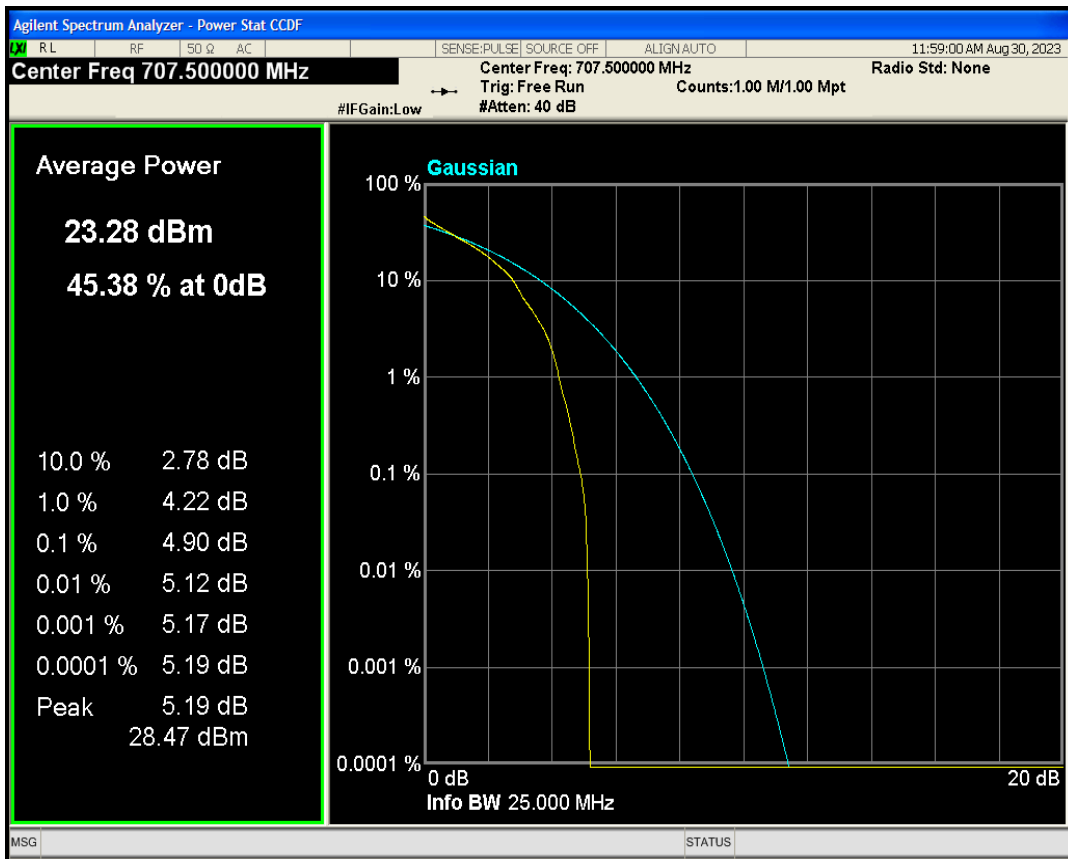
Band12 QPSK BW=3MHz Channel=23095 RB Size=1 Position=#0



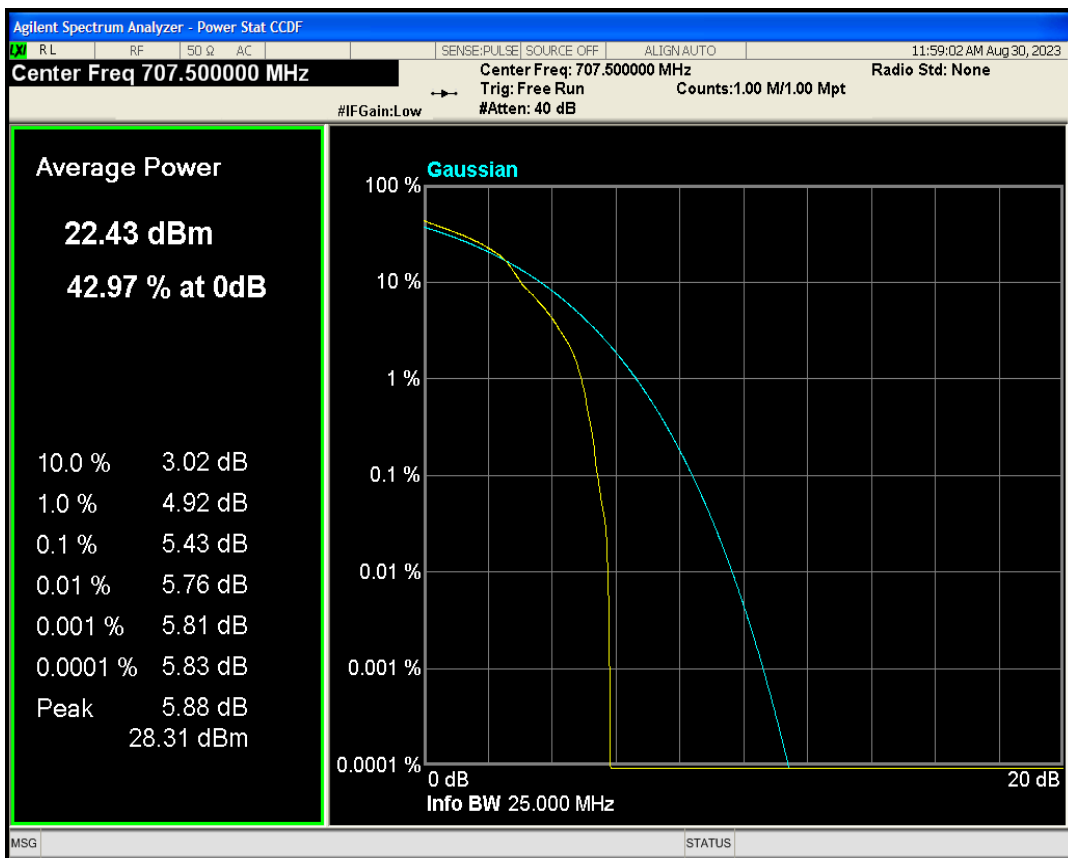
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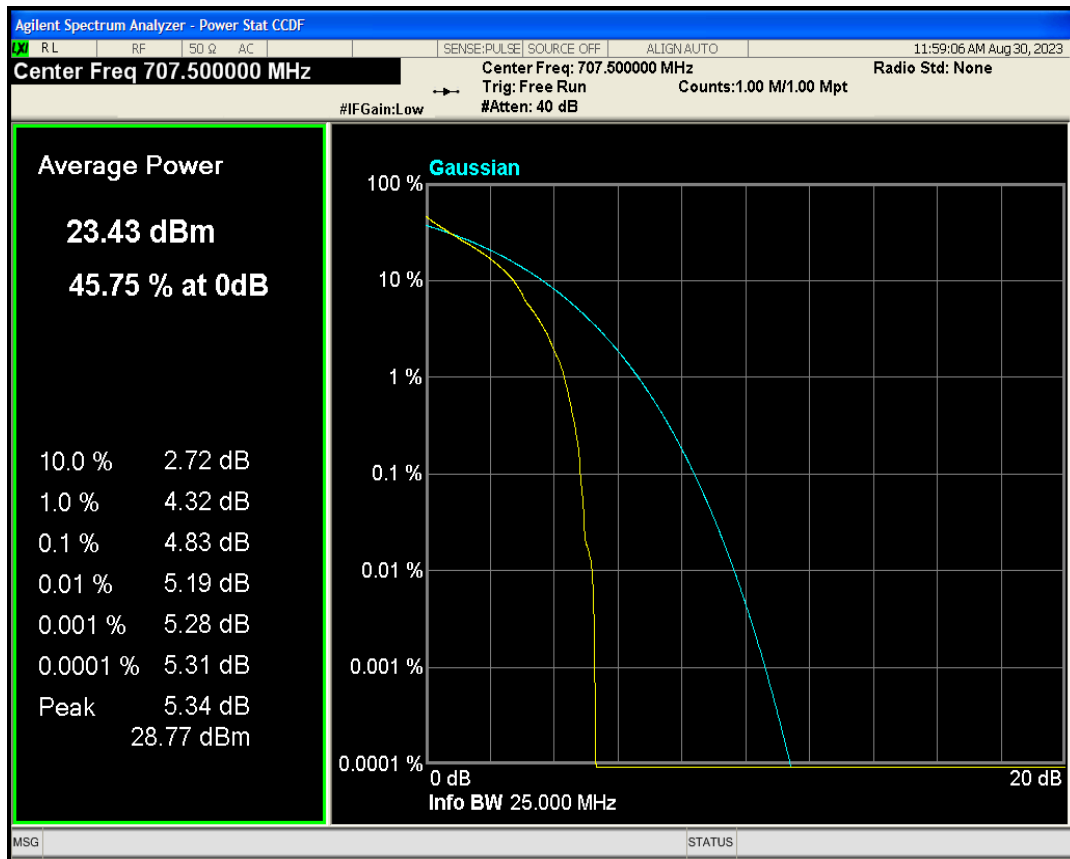
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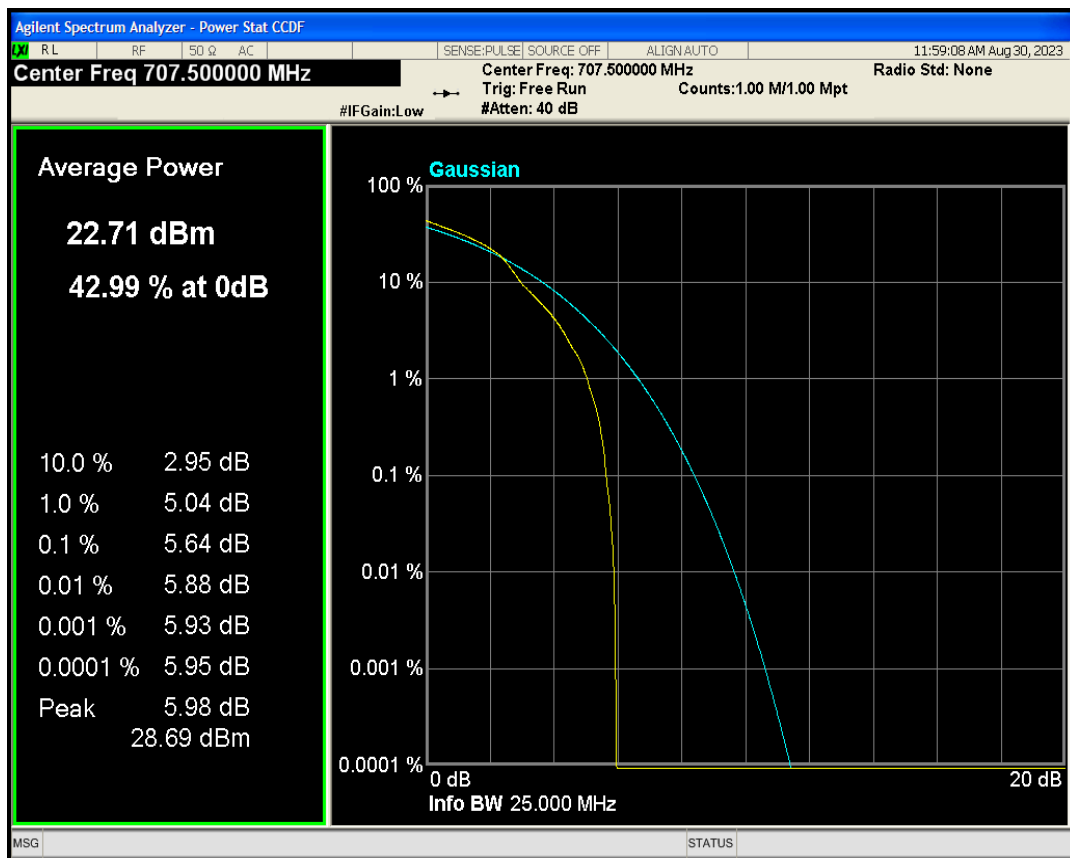
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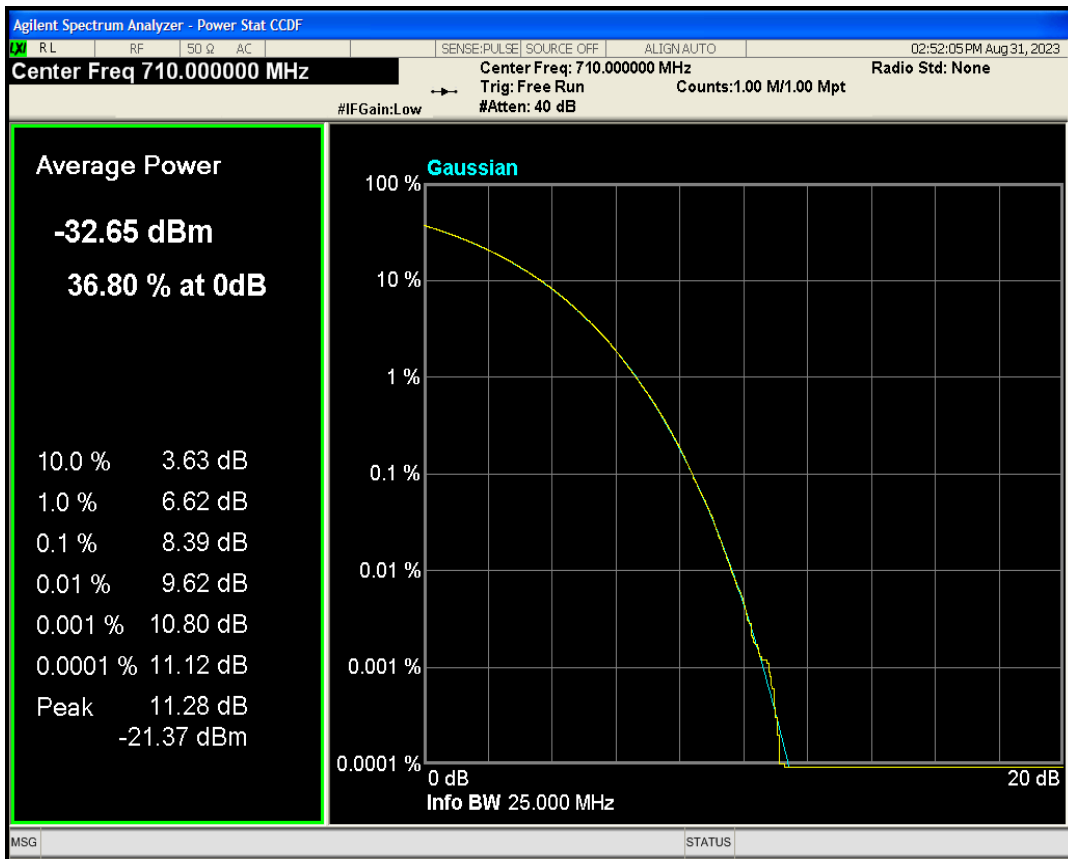
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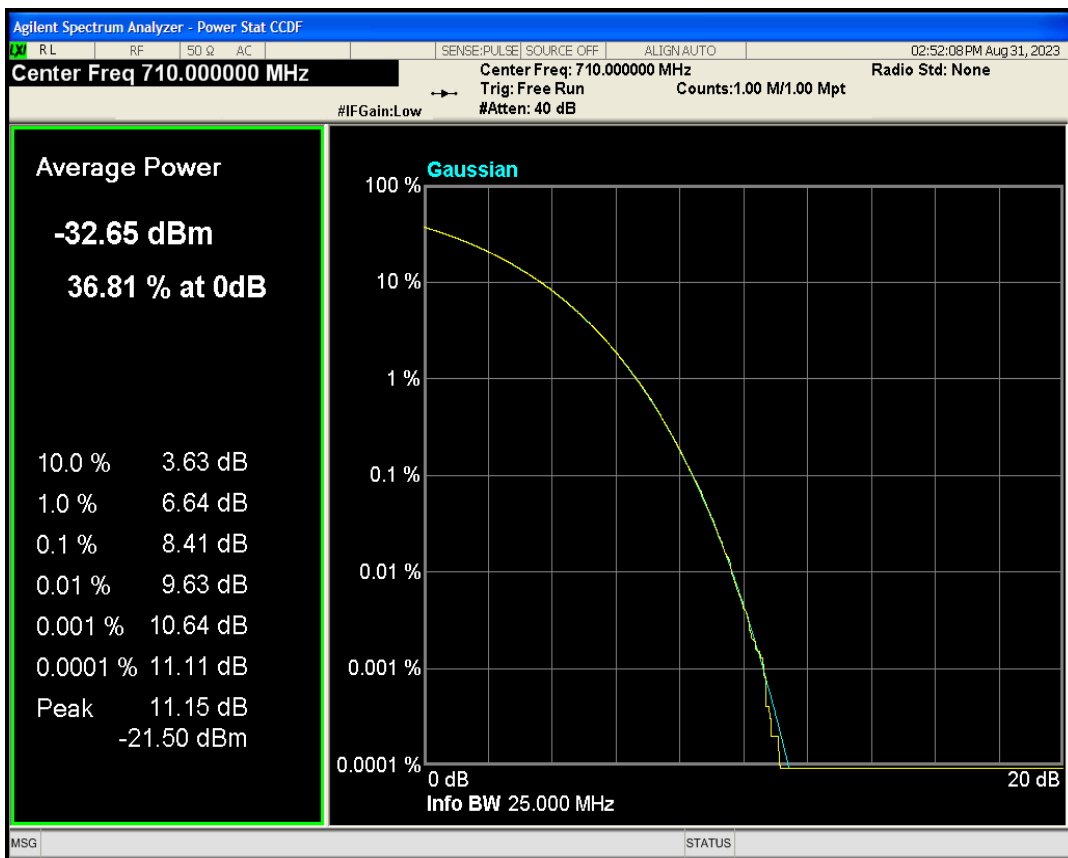
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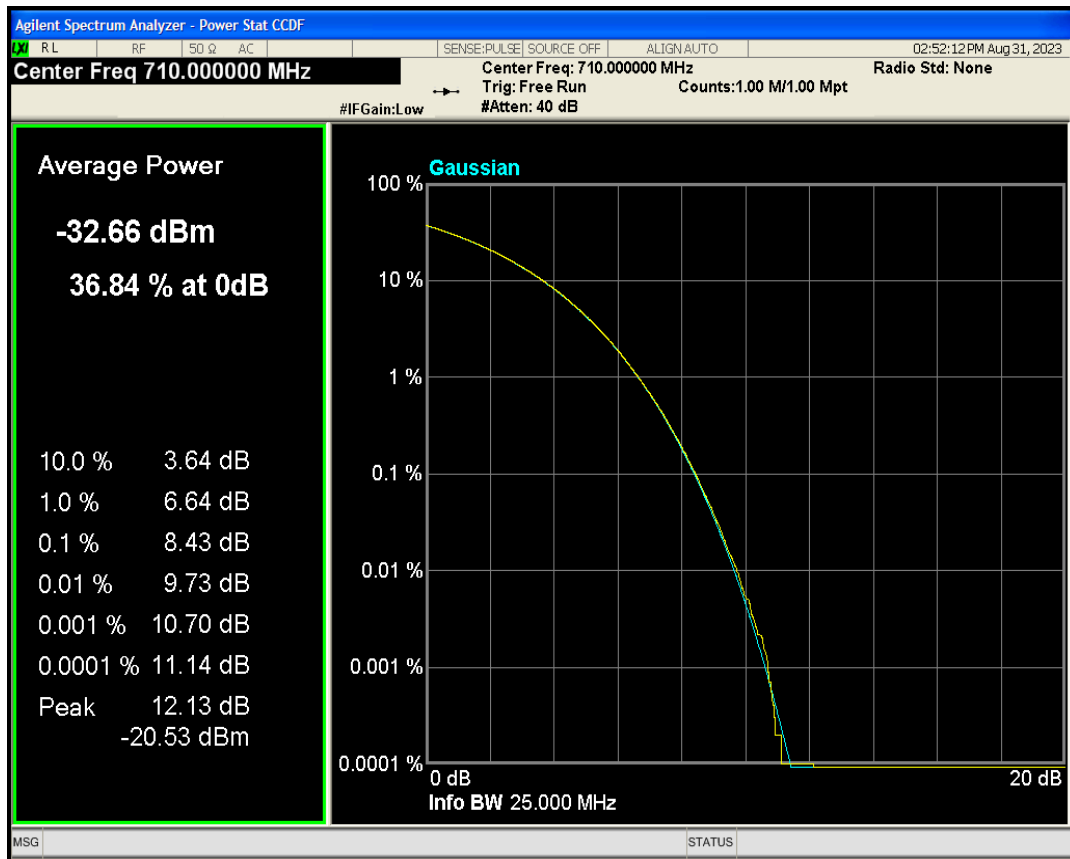
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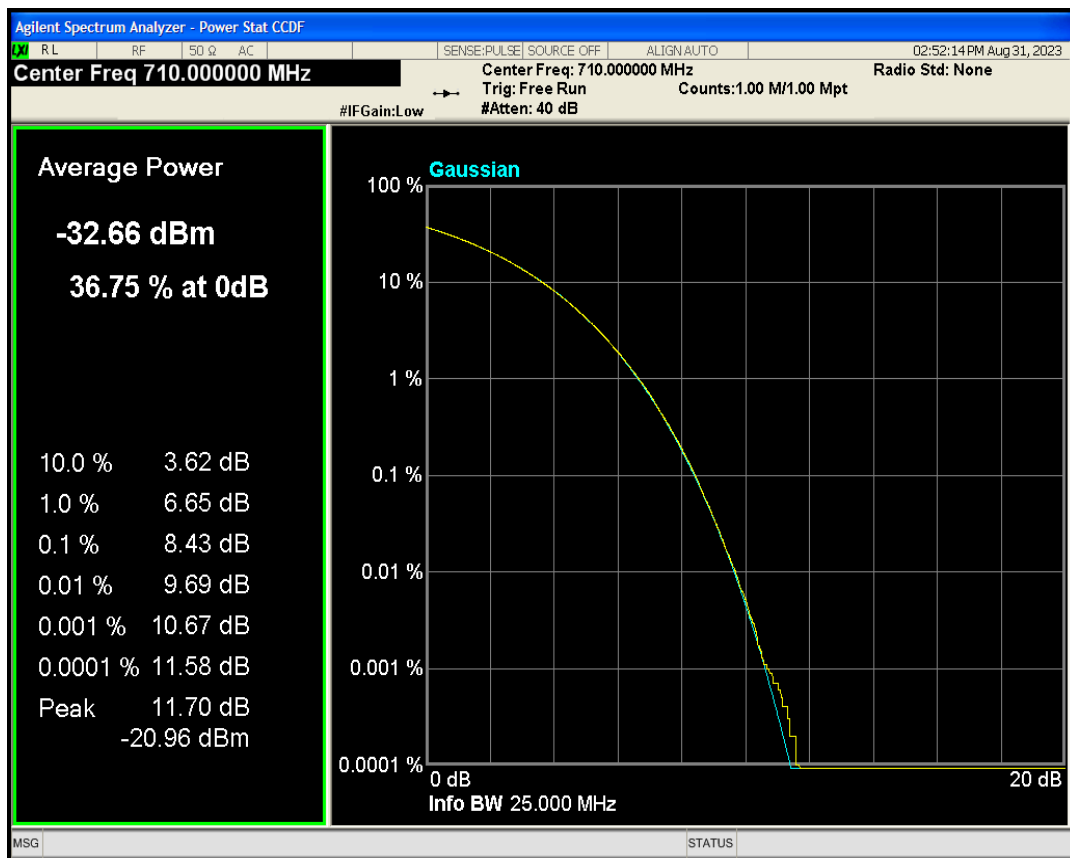
Band17 QAM16 BW=5MHz Channel=23790 RB Size=1 Position=#0



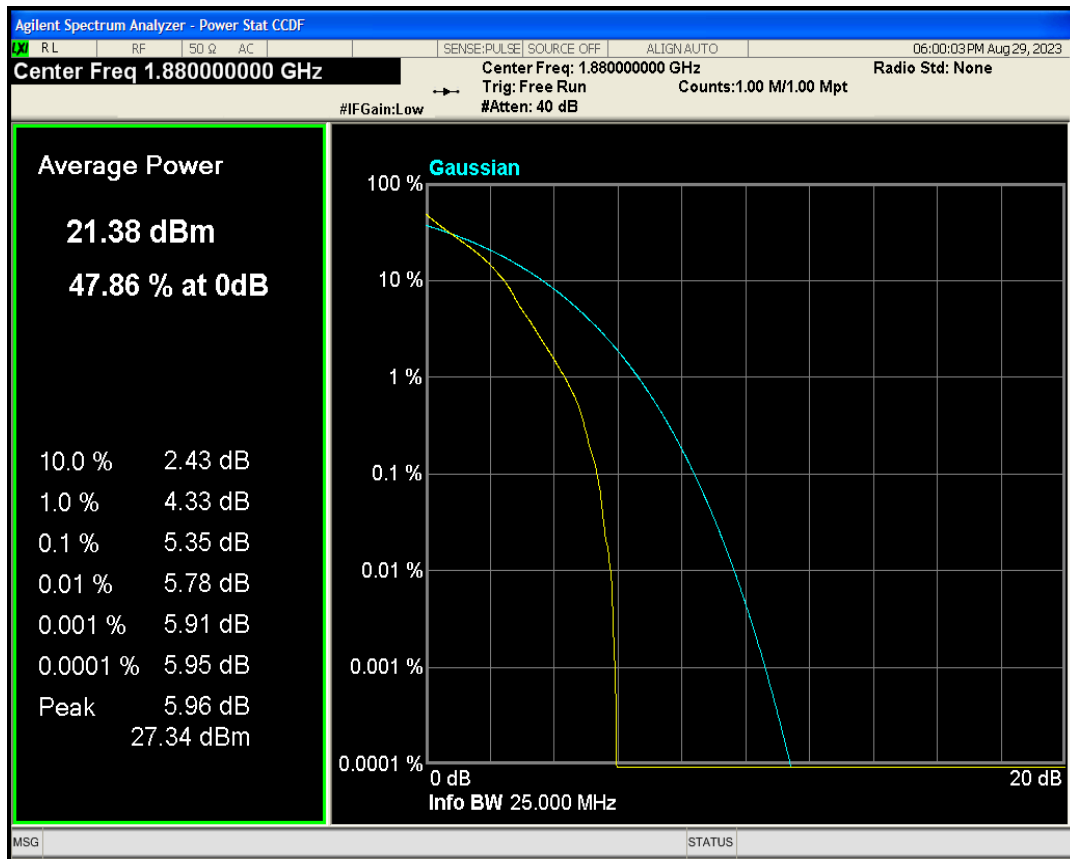
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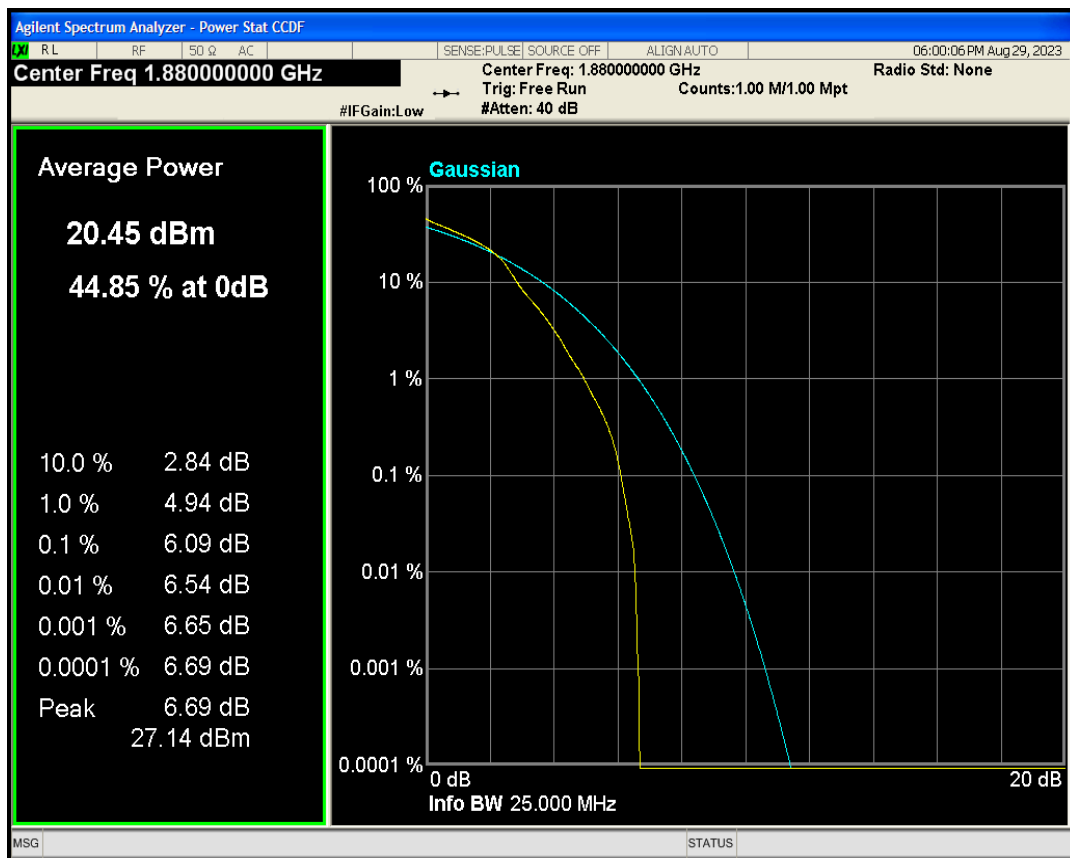
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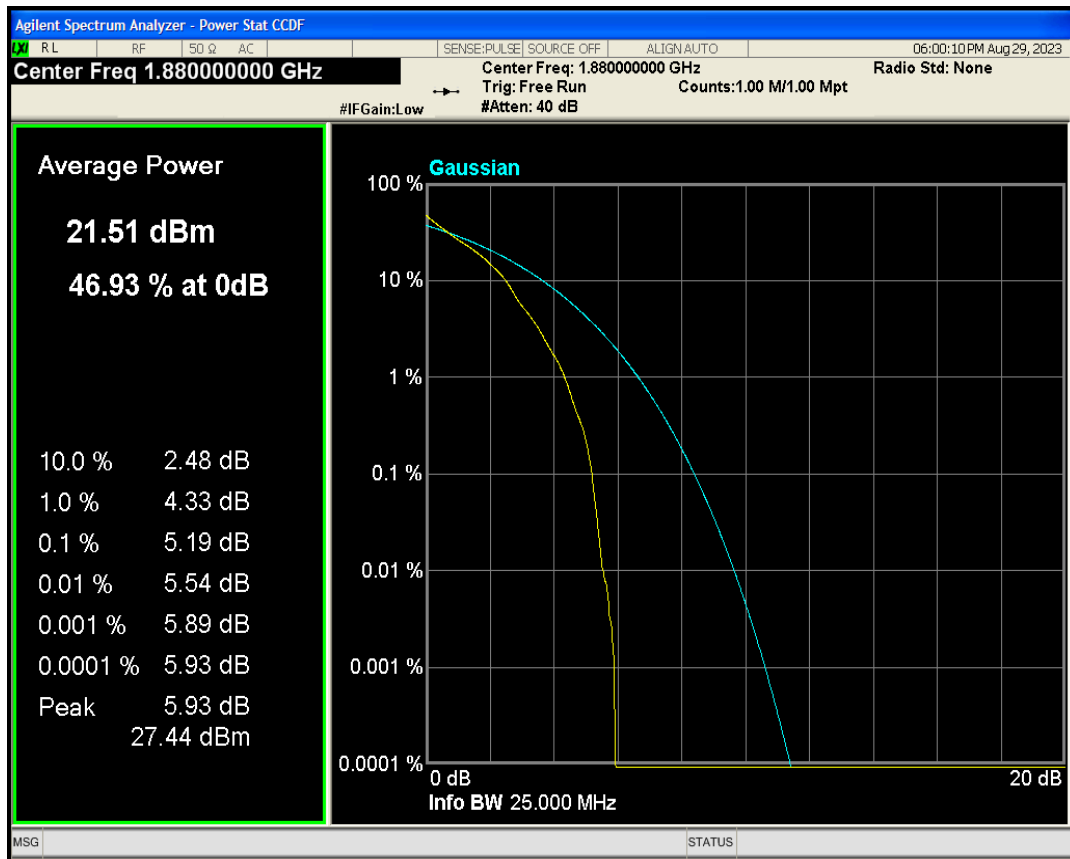
Band2 QPSK BW=1.4MHz Channel=18900 RB Size=1 Position=#0



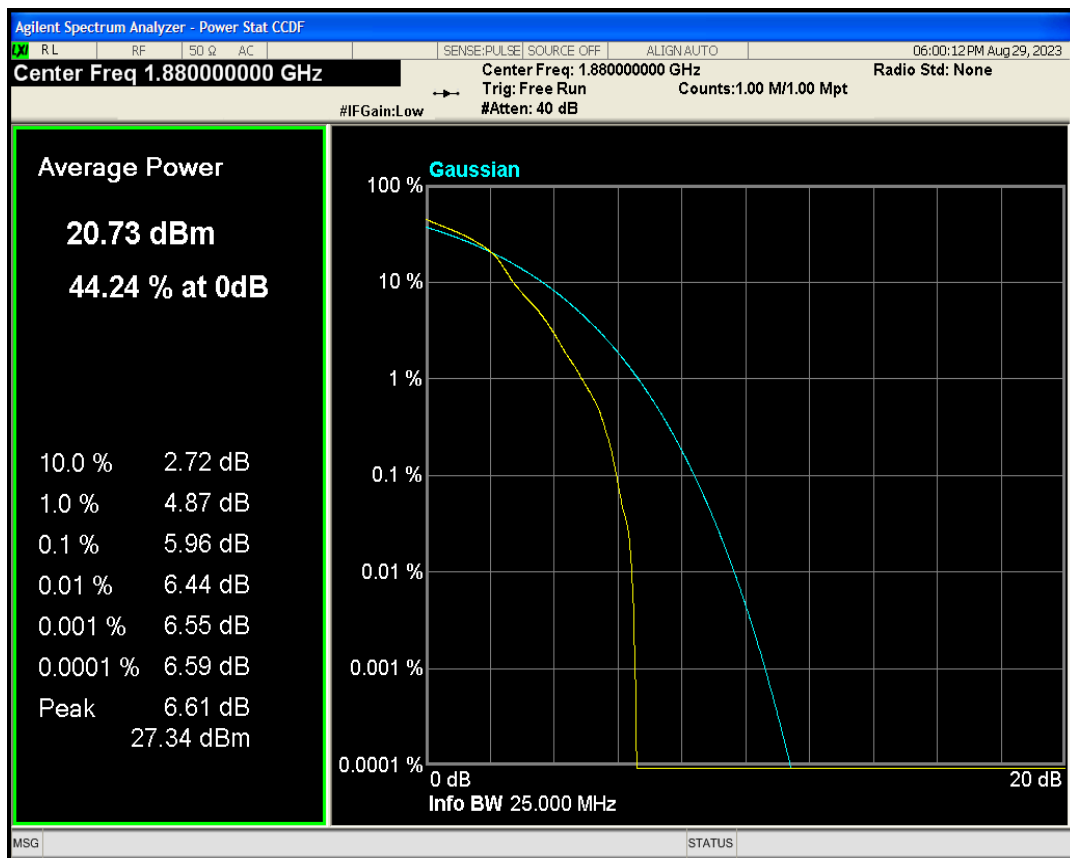
Band2 QAM16 BW=1.4MHz Channel=18900 RB Size=1 Position=#0



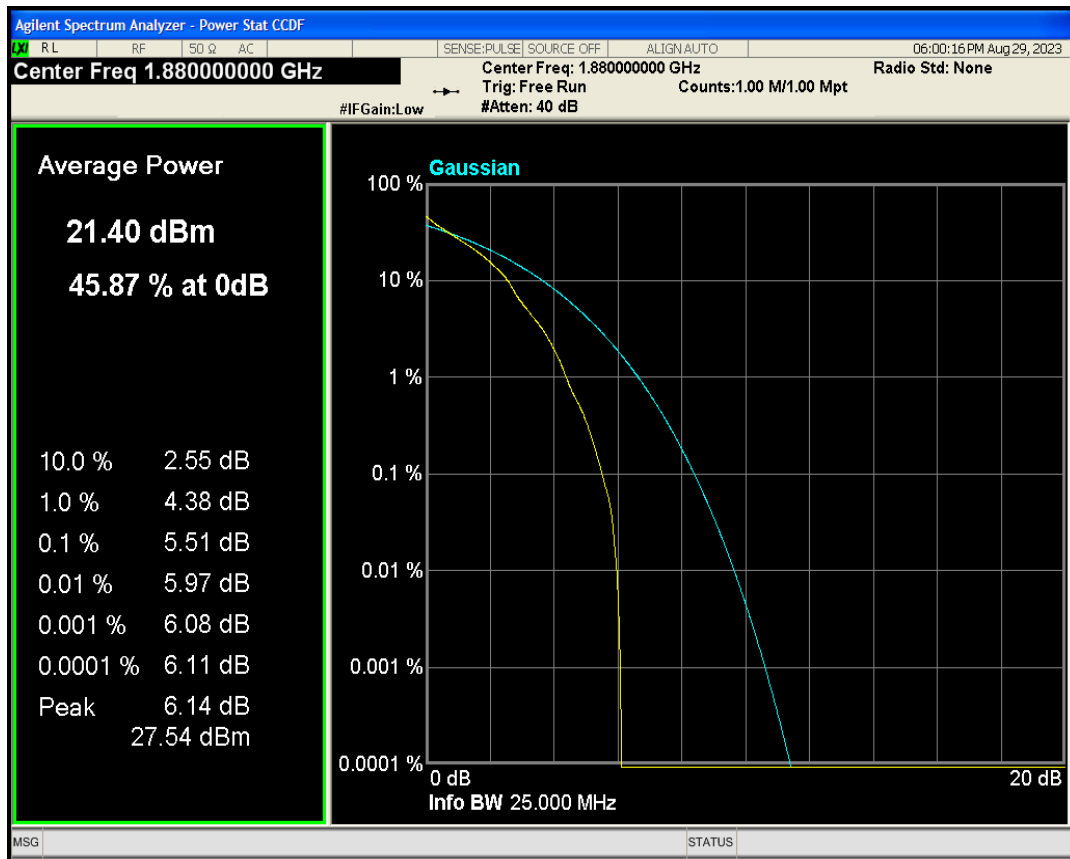
Band2 QPSK BW=3MHz Channel=18900 RB Size=1 Position=#0



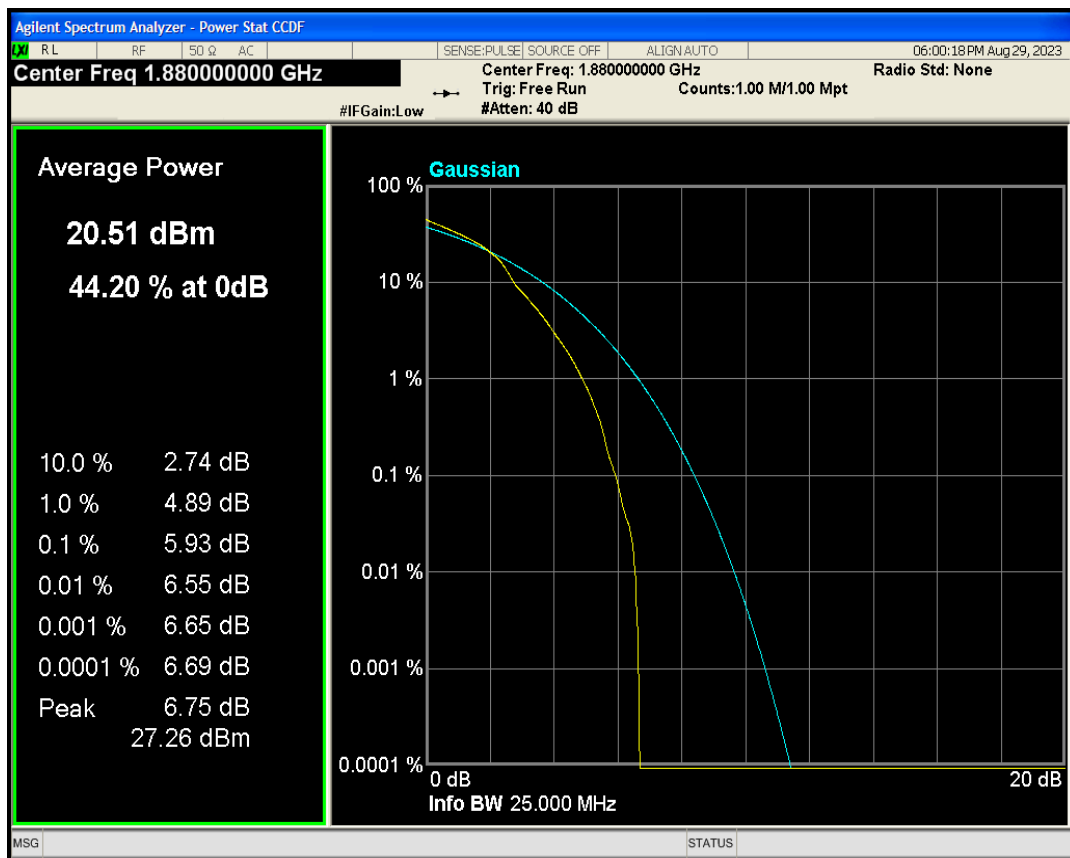
Band2 QAM16 BW=3MHz Channel=18900 RB Size=1 Position=#0



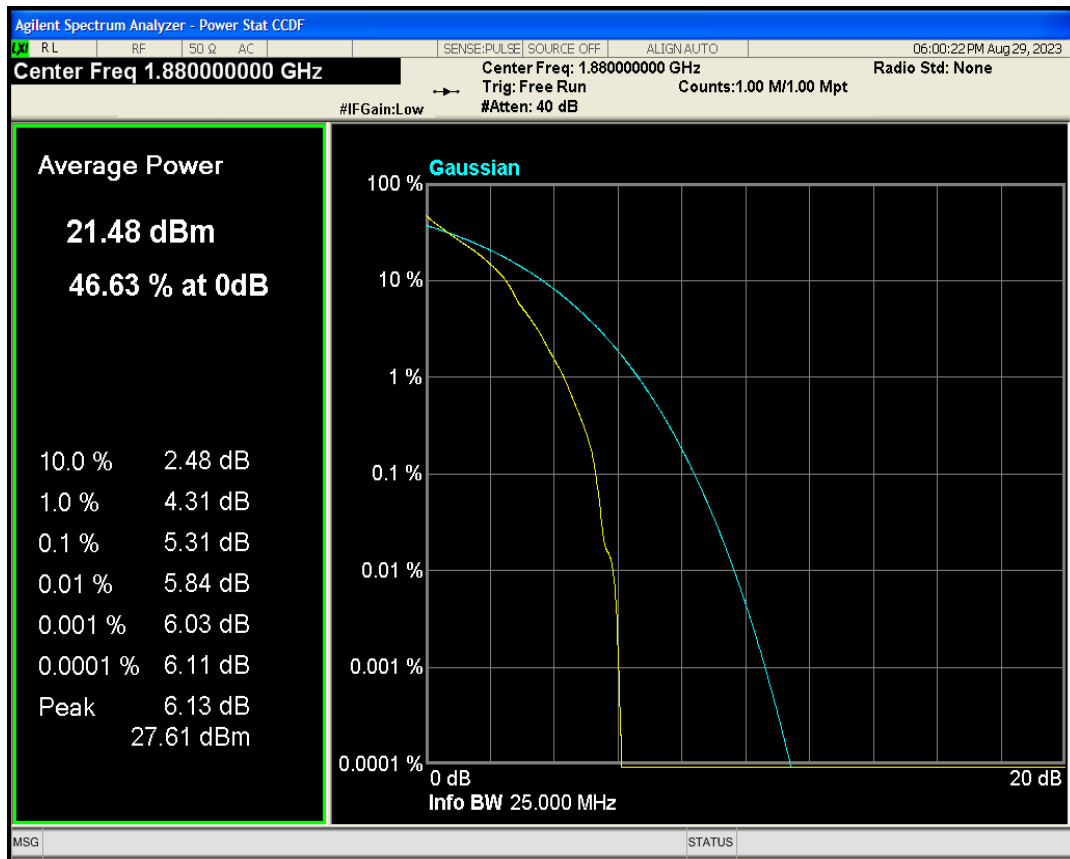
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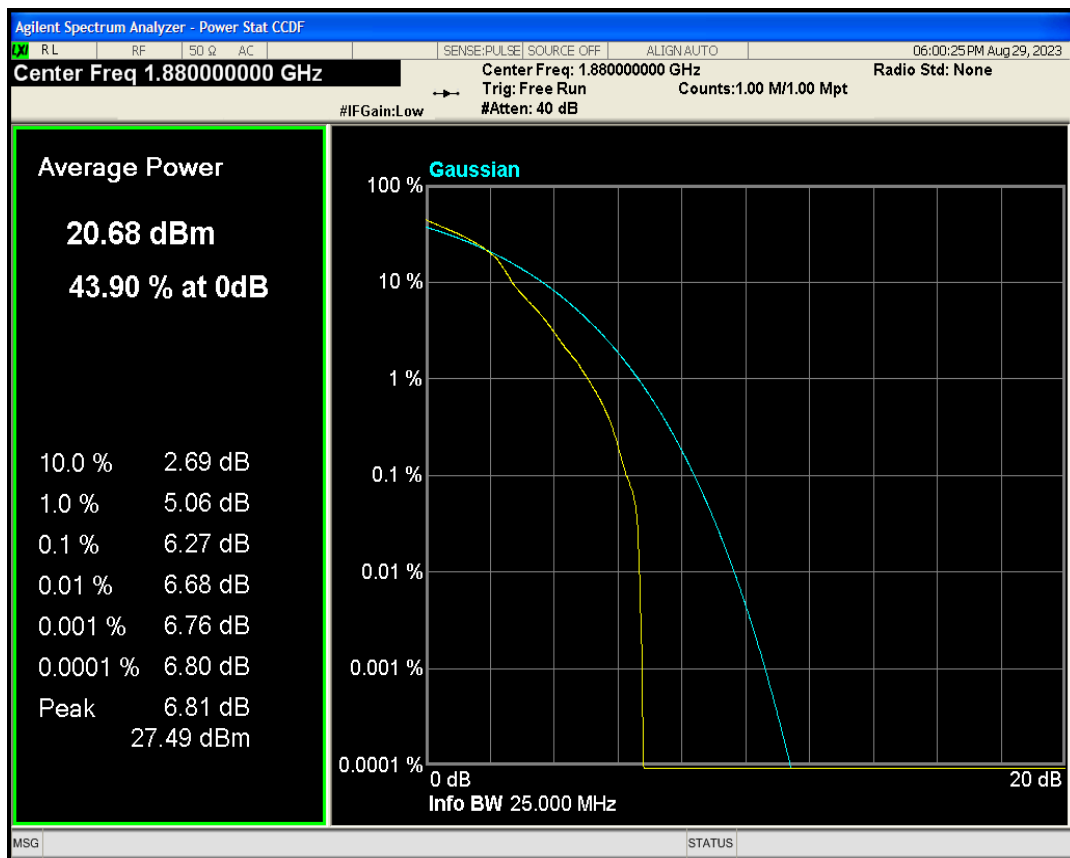
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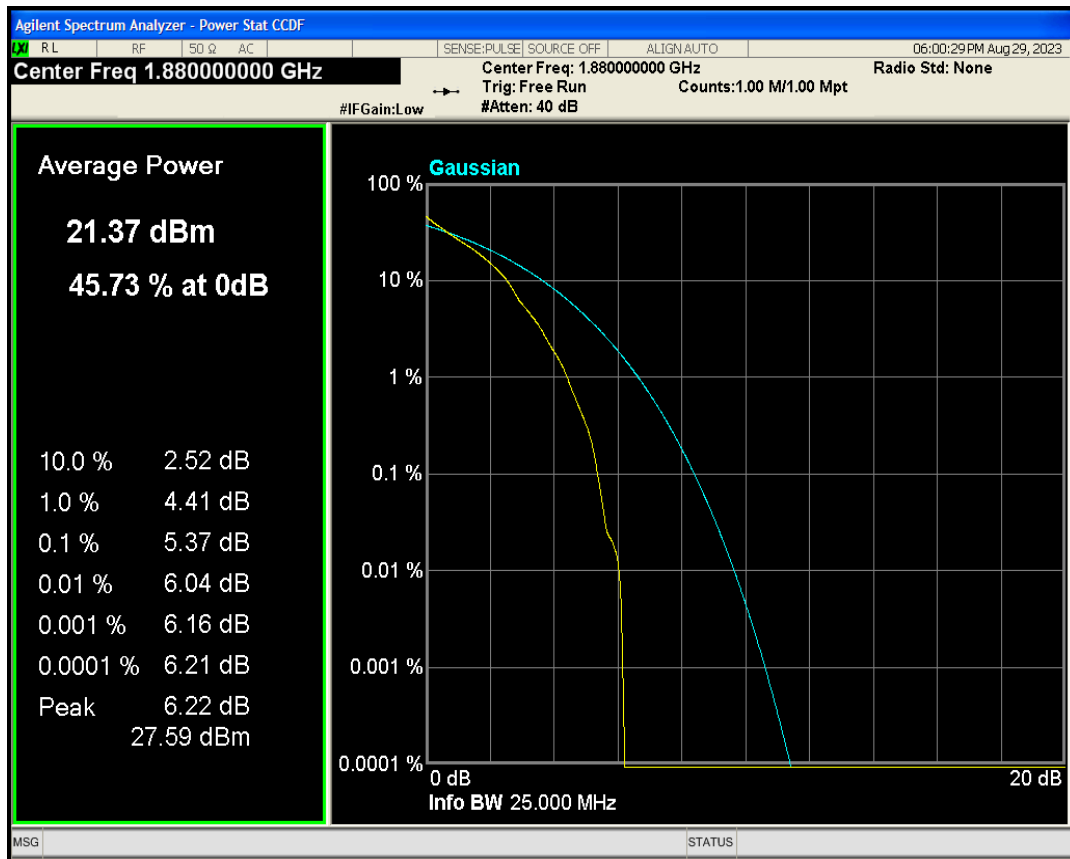
Band2 QPSK BW=10MHz Channel=18900 RB Size=1 Position=#0



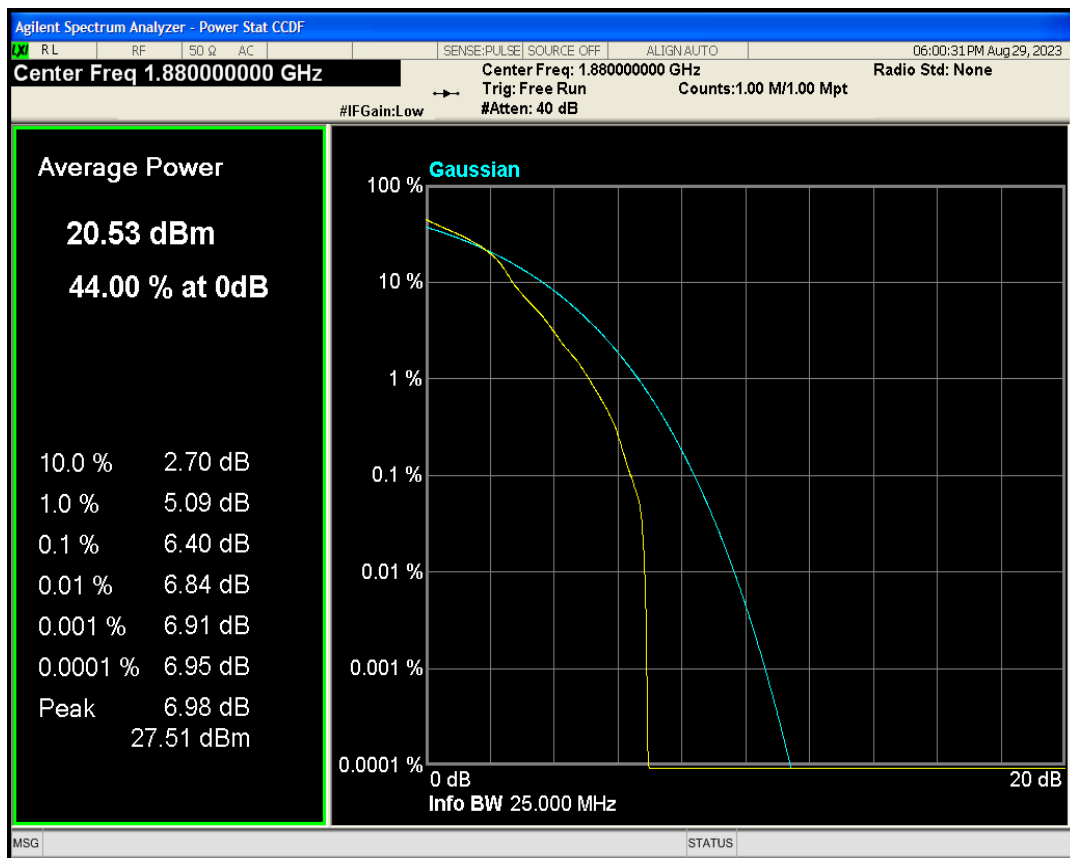
Band2 QAM16 BW=10MHz Channel=18900 RB Size=1 Position=#0



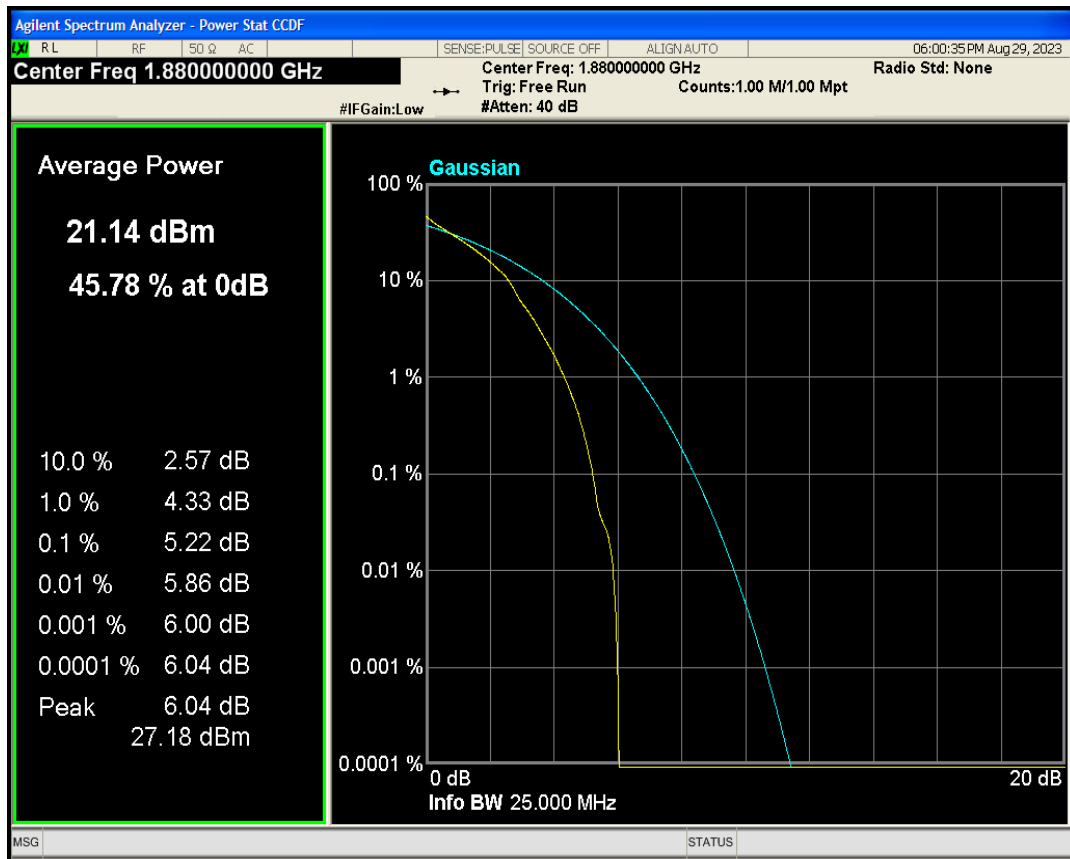
Band2 QPSK BW=15MHz Channel=18900 RB Size=1 Position=#0



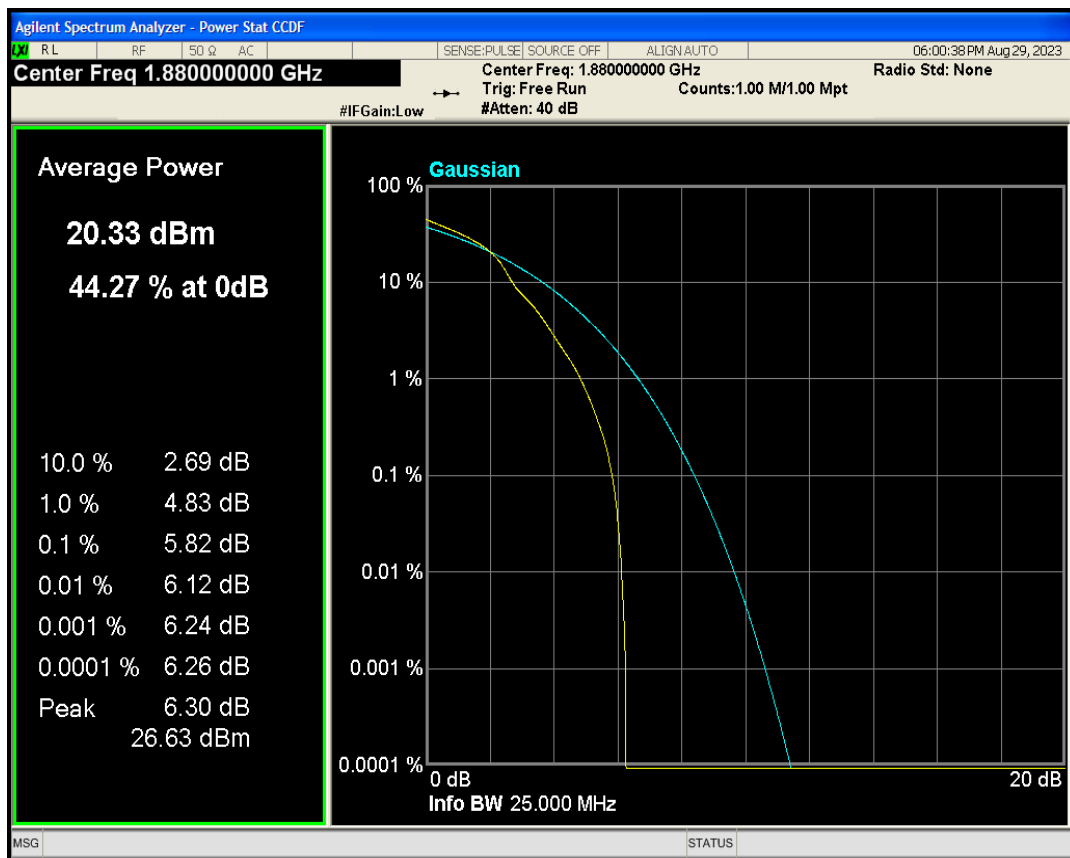
Band2 QAM16 BW=15MHz Channel=18900 RB Size=1 Position=#0



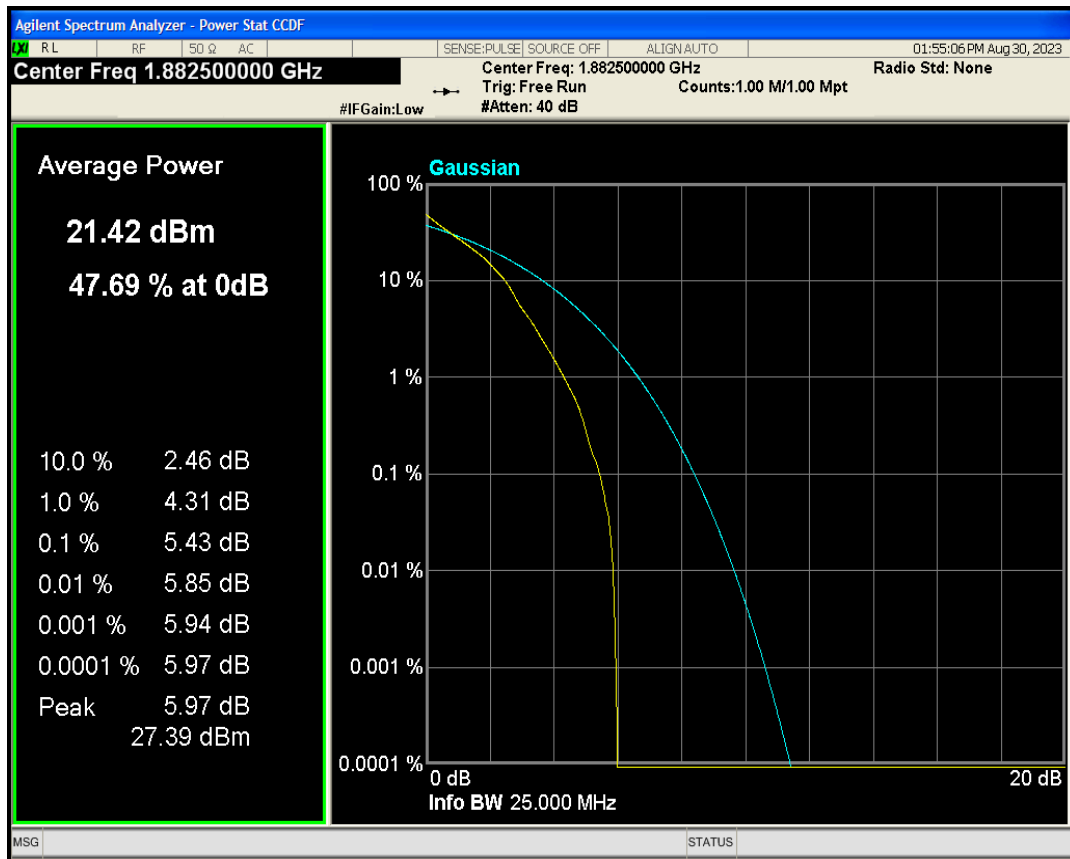
Band2 QPSK BW=20MHz Channel=18900 RB Size=1 Position=#0



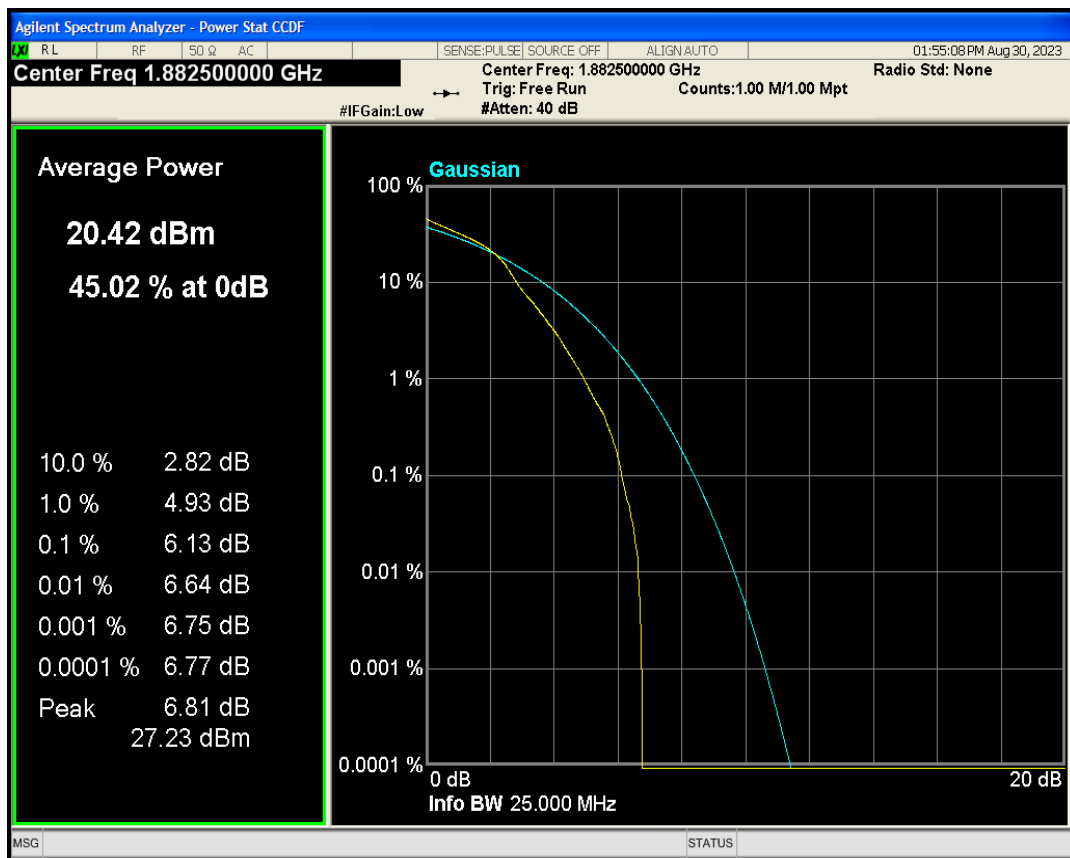
Band2 QAM16 BW=20MHz Channel=18900 RB Size=1 Position=#0



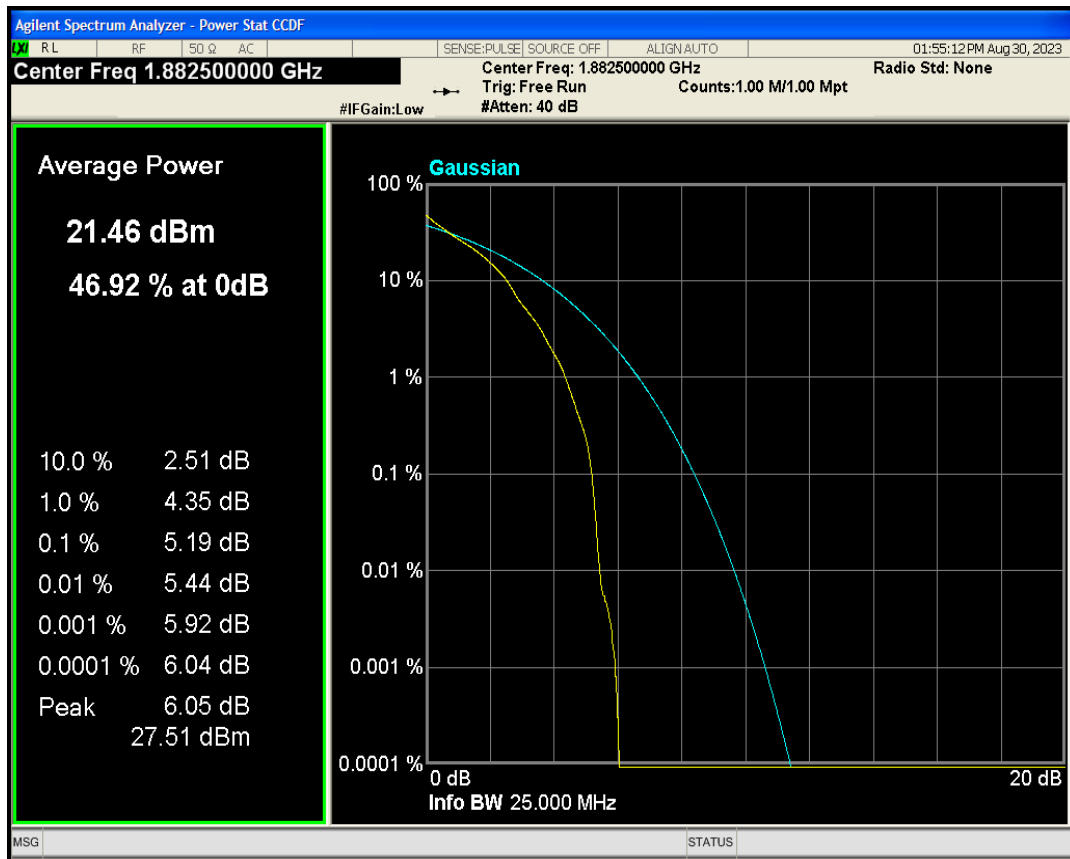
Band25 QPSK BW=1.4MHz Channel=26365 RB Size=1 Position=#0



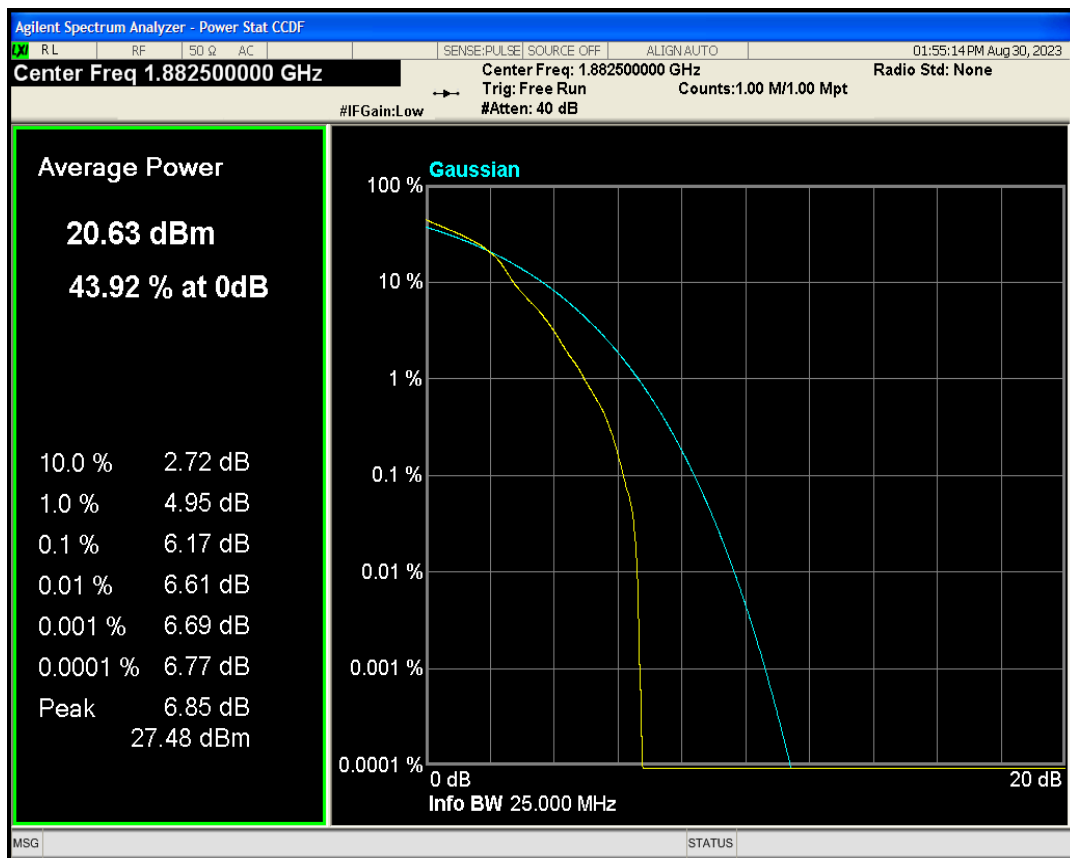
Band25 QAM16 BW=1.4MHz Channel=26365 RB Size=1 Position=#0



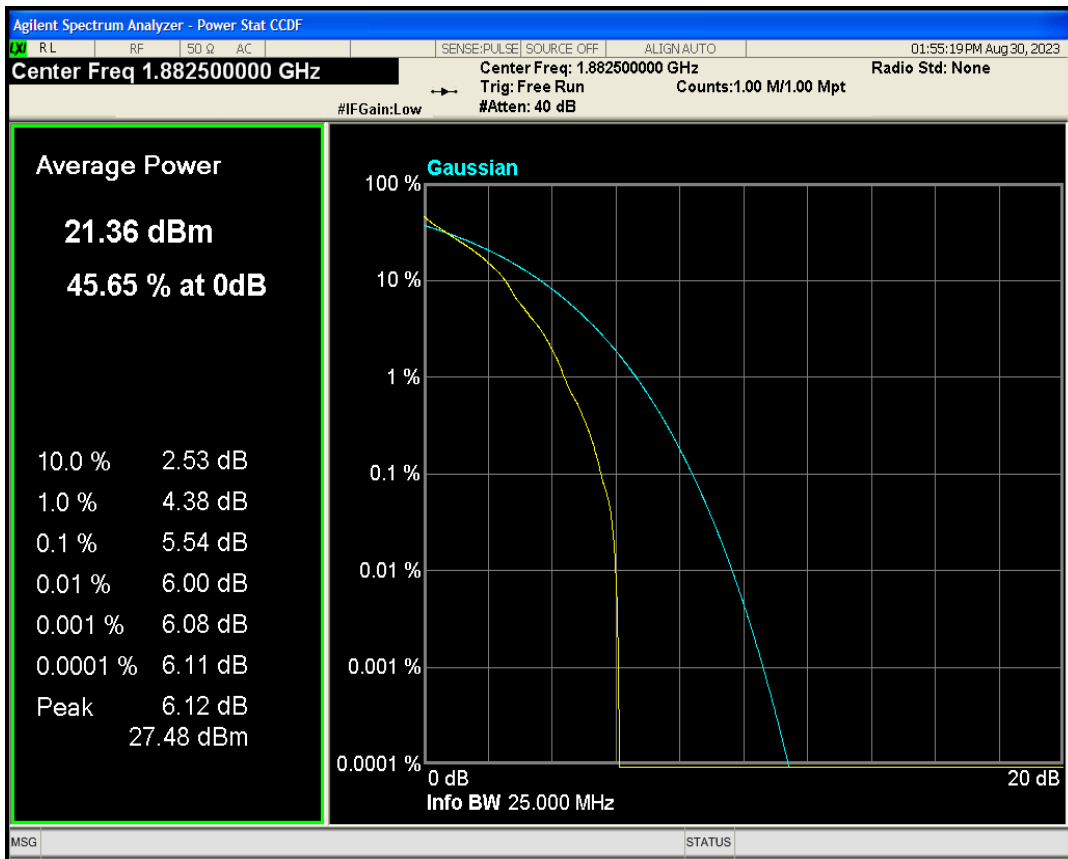
Band25 QPSK BW=3MHz Channel=26365 RB Size=1 Position=#0



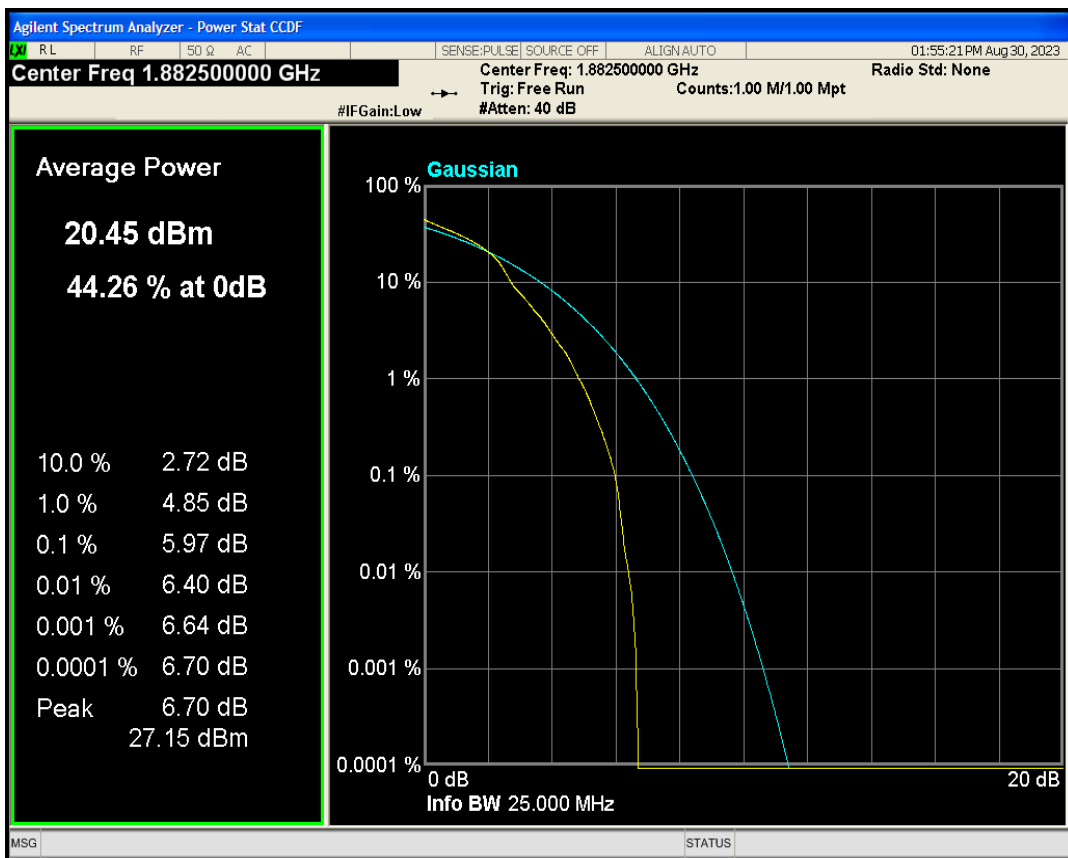
Band25 QAM16 BW=3MHz Channel=26365 RB Size=1 Position=#0



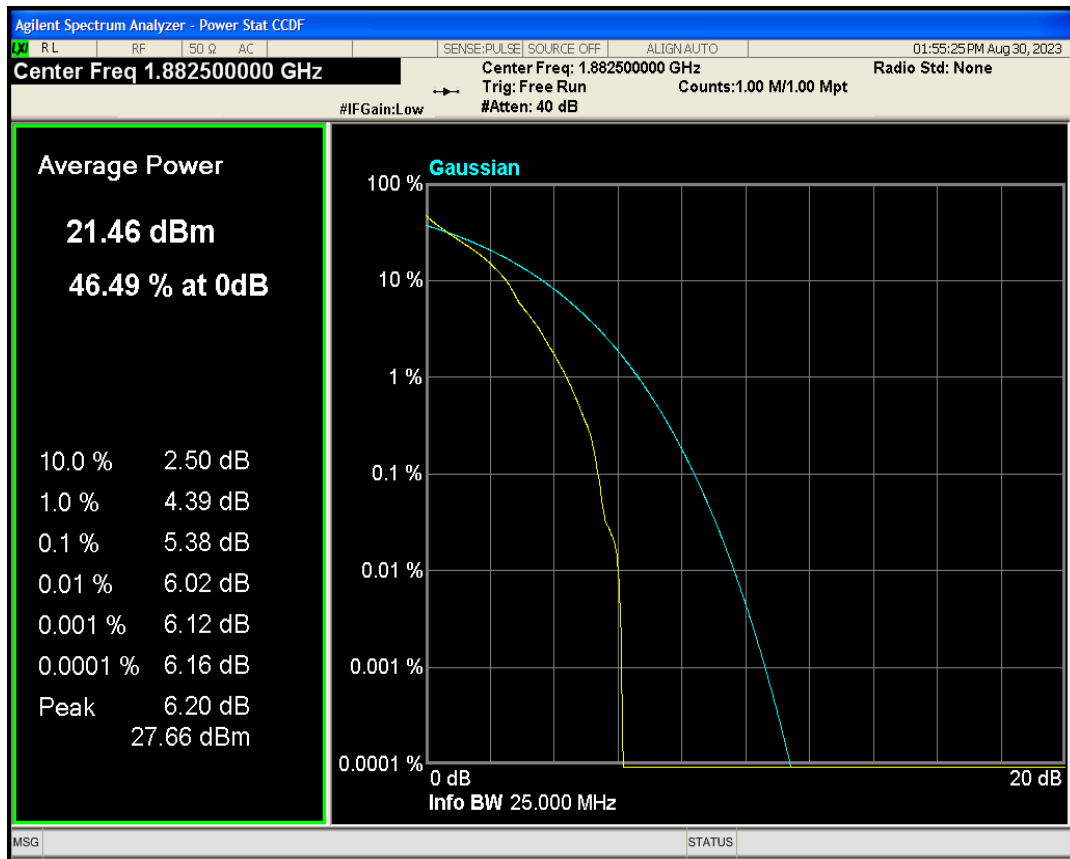
Band25 QPSK BW=5MHz Channel=26365 RB Size=1 Position=#0



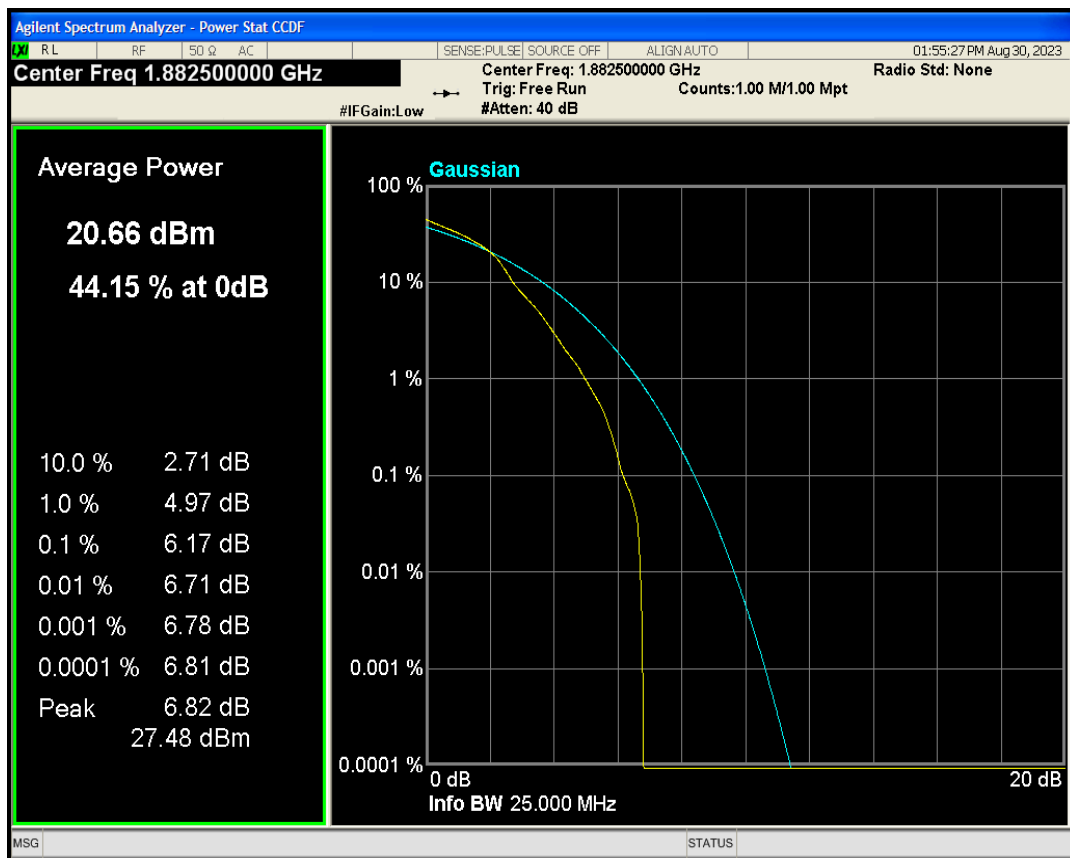
Band25 QAM16 BW=5MHz Channel=26365 RB Size=1 Position=#0



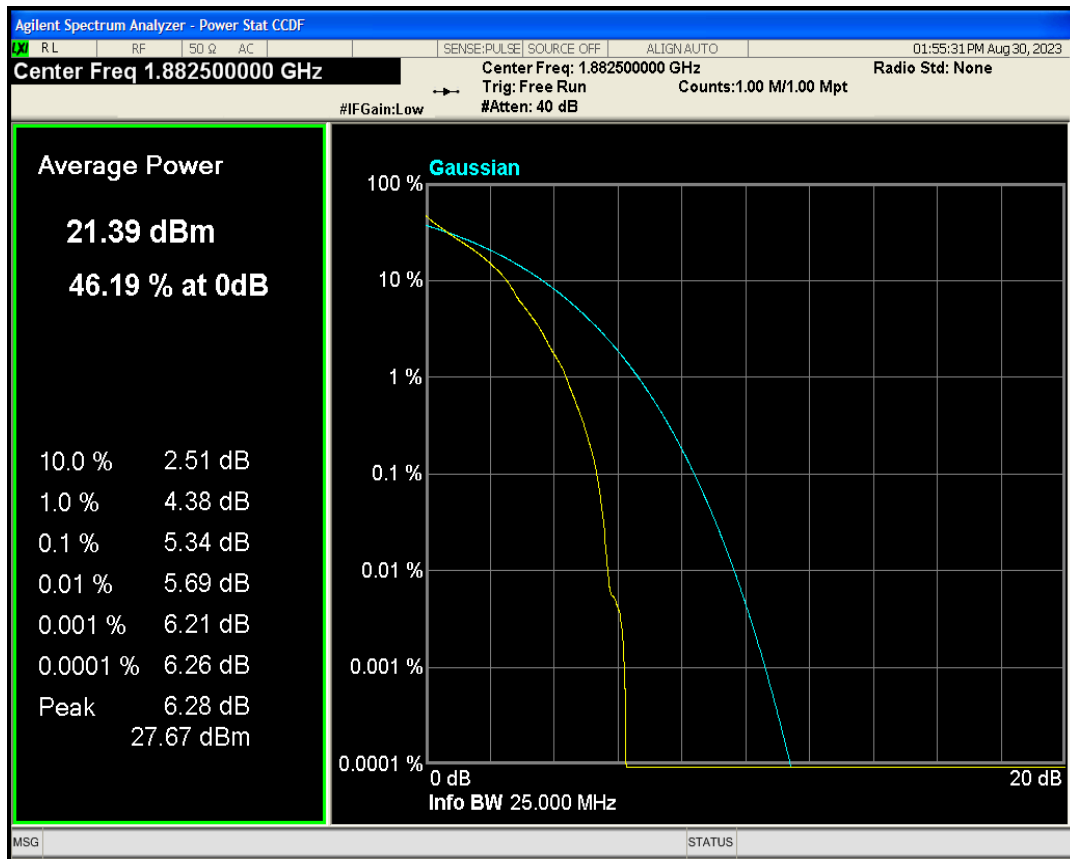
Band25 QPSK BW=10MHz Channel=26365 RB Size=1 Position=#0



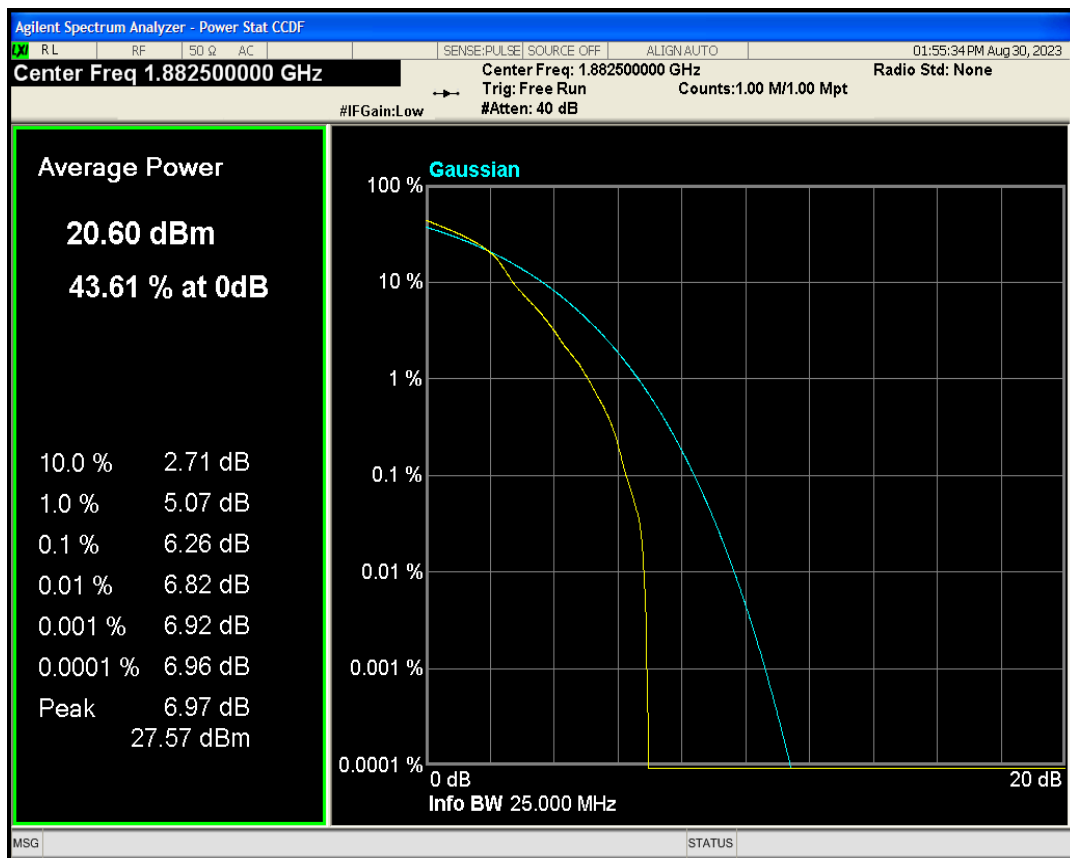
Band25 QAM16 BW=10MHz Channel=26365 RB Size=1 Position=#0



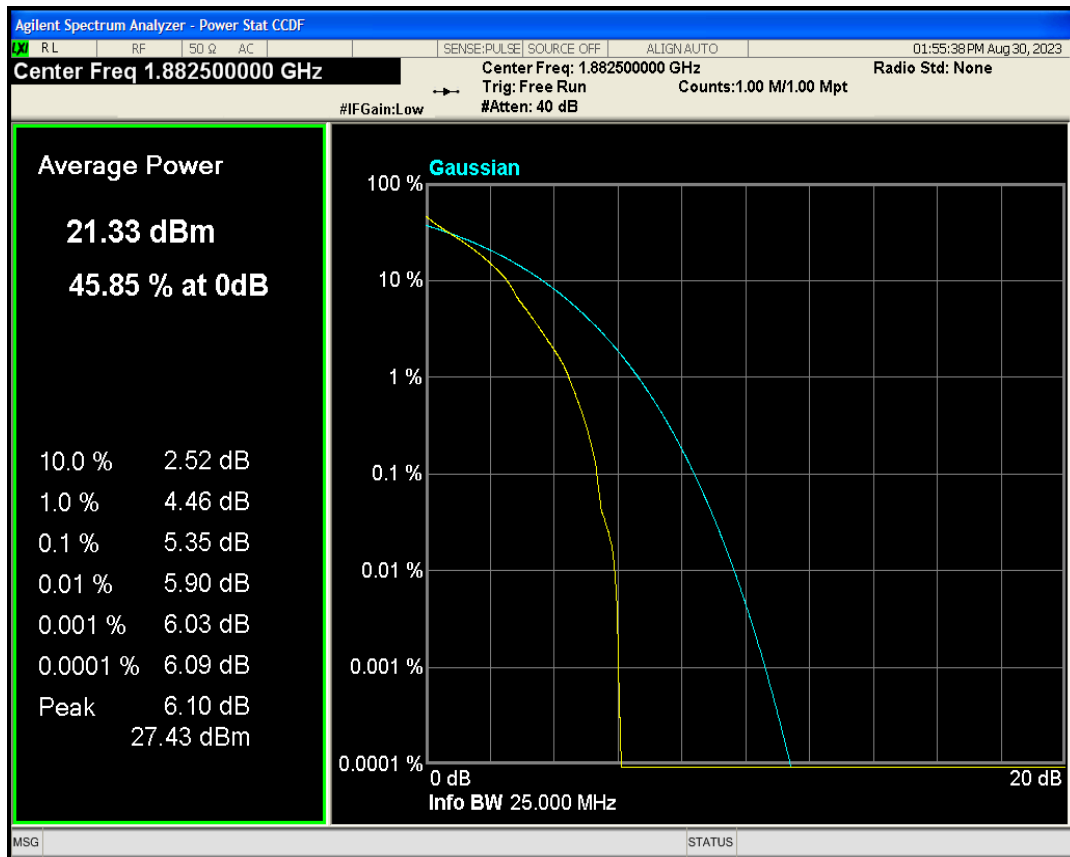
Band25 QPSK BW=15MHz Channel=26365 RB Size=1 Position=#0



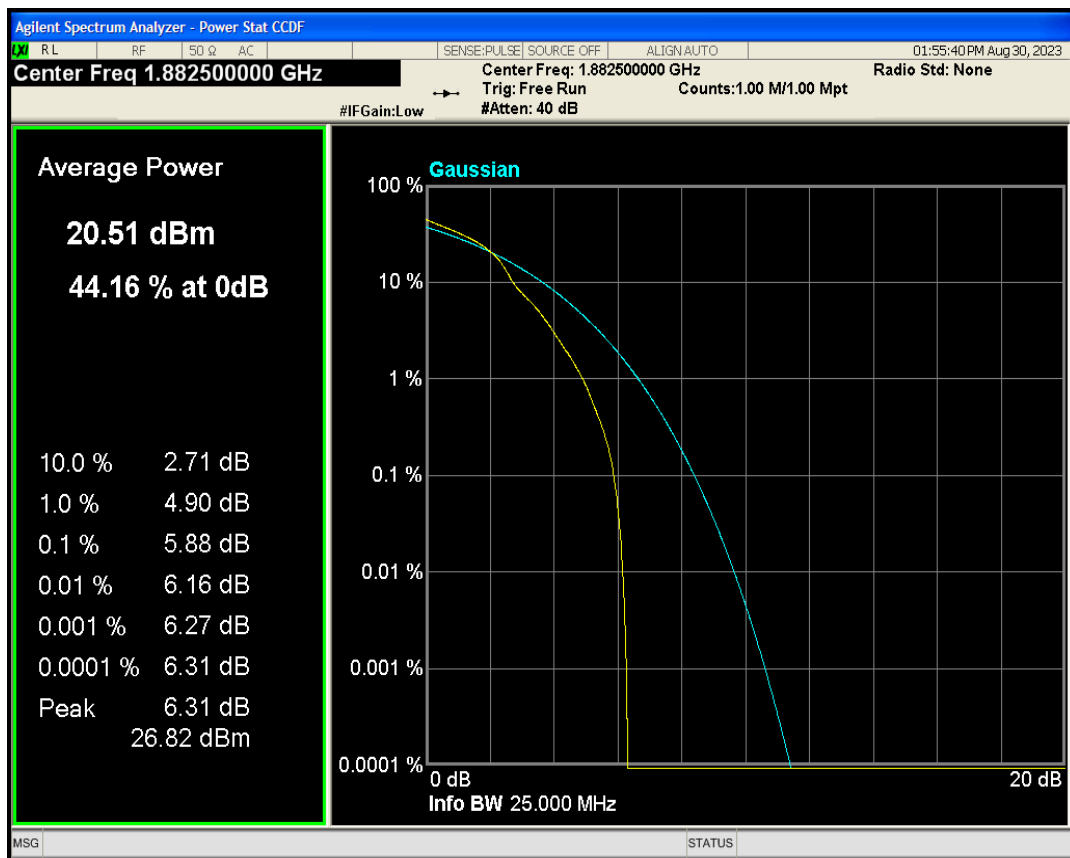
Band25 QAM16 BW=15MHz Channel=26365 RB Size=1 Position=#0



Band25 QPSK BW=20MHz Channel=26365 RB Size=1 Position=#0



Band25 QAM16 BW=20MHz Channel=26365 RB Size=1 Position=#0



Band26(824-849) QPSK BW=1.4MHz Channel=26915 RB Size=1 Position=#0