

Appendix-C LTE Band 66

Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band66	1.4MHz	QPSK	131979	1RB#0	24.26	26.2	30.00	PASS
Band66	1.4MHz	QPSK	131979	1RB#2	24.38	26.32	30.00	PASS
Band66	1.4MHz	QPSK	131979	1RB#5	24.59	26.53	30.00	PASS
Band66	1.4MHz	QPSK	131979	6RB#0	24.57	26.51	30.00	PASS
Band66	1.4MHz	QPSK	132322	1RB#0	24.04	25.98	30.00	PASS
Band66	1.4MHz	QPSK	132322	1RB#2	24.28	26.22	30.00	PASS
Band66	1.4MHz	QPSK	132322	1RB#5	24.16	26.1	30.00	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	23.23	25.17	30.00	PASS
Band66	1.4MHz	QPSK	132665	1RB#0	24.31	26.25	30.00	PASS
Band66	1.4MHz	QPSK	132665	1RB#2	24.25	26.19	30.00	PASS
Band66	1.4MHz	QPSK	132665	1RB#5	24.32	26.26	30.00	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	23.37	25.31	30.00	PASS
Band66	1.4MHz	16QAM	131979	1RB#0	24.61	26.55	30.00	PASS
Band66	1.4MHz	16QAM	131979	1RB#2	24.59	26.53	30.00	PASS
Band66	1.4MHz	16QAM	131979	1RB#5	24.28	26.22	30.00	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	24.27	26.21	30.00	PASS
Band66	1.4MHz	16QAM	132322	1RB#0	22.99	24.93	30.00	PASS
Band66	1.4MHz	16QAM	132322	1RB#2	23.44	25.38	30.00	PASS
Band66	1.4MHz	16QAM	132322	1RB#5	23.13	25.07	30.00	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	21.94	23.88	30.00	PASS
Band66	1.4MHz	16QAM	132665	1RB#0	23.85	25.79	30.00	PASS
Band66	1.4MHz	16QAM	132665	1RB#2	23.87	25.81	30.00	PASS
Band66	1.4MHz	16QAM	132665	1RB#5	23.12	25.06	30.00	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	22.33	24.27	30.00	PASS
Band66	3MHz	QPSK	131987	1RB#0	24.54	26.48	30.00	PASS
Band66	3MHz	QPSK	131987	1RB#8	24.32	26.26	30.00	PASS
Band66	3MHz	QPSK	131987	1RB#14	24.37	26.31	30.00	PASS
Band66	3MHz	QPSK	131987	15RB#0	23.50	25.44	30.00	PASS
Band66	3MHz	QPSK	132322	1RB#0	24.28	26.22	30.00	PASS
Band66	3MHz	QPSK	132322	1RB#8	24.24	26.18	30.00	PASS
Band66	3MHz	QPSK	132322	1RB#14	24.06	26	30.00	PASS
Band66	3MHz	QPSK	132322	15RB#0	23.29	25.23	30.00	PASS
Band66	3MHz	QPSK	132657	1RB#0	24.39	26.33	30.00	PASS
Band66	3MHz	QPSK	132657	1RB#8	24.32	26.26	30.00	PASS
Band66	3MHz	QPSK	132657	1RB#14	24.20	26.14	30.00	PASS
Band66	3MHz	QPSK	132657	15RB#0	23.41	25.35	30.00	PASS
Band66	3MHz	16QAM	131987	1RB#0	23.47	25.41	30.00	PASS

Band66	3MHz	16QAM	131987	1RB#8	23.51	25.45	30.00	PASS
Band66	3MHz	16QAM	131987	1RB#14	23.52	25.46	30.00	PASS
Band66	3MHz	16QAM	131987	15RB#0	22.57	24.51	30.00	PASS
Band66	3MHz	16QAM	132322	1RB#0	22.83	24.77	30.00	PASS
Band66	3MHz	16QAM	132322	1RB#8	23.20	25.14	30.00	PASS
Band66	3MHz	16QAM	132322	1RB#14	23.05	24.99	30.00	PASS
Band66	3MHz	16QAM	132322	15RB#0	22.22	24.16	30.00	PASS
Band66	3MHz	16QAM	132657	1RB#0	23.81	25.75	30.00	PASS
Band66	3MHz	16QAM	132657	1RB#8	23.33	25.27	30.00	PASS
Band66	3MHz	16QAM	132657	1RB#14	23.90	25.84	30.00	PASS
Band66	3MHz	16QAM	132657	15RB#0	22.36	24.3	30.00	PASS
Band66	5MHz	QPSK	131997	1RB#0	24.44	26.38	30.00	PASS
Band66	5MHz	QPSK	131997	1RB#12	24.57	26.51	30.00	PASS
Band66	5MHz	QPSK	131997	1RB#24	24.49	26.43	30.00	PASS
Band66	5MHz	QPSK	131997	25RB#0	23.41	25.35	30.00	PASS
Band66	5MHz	QPSK	132322	1RB#0	24.15	26.09	30.00	PASS
Band66	5MHz	QPSK	132322	1RB#12	24.25	26.19	30.00	PASS
Band66	5MHz	QPSK	132322	1RB#24	24.03	25.97	30.00	PASS
Band66	5MHz	QPSK	132322	25RB#0	23.30	25.24	30.00	PASS
Band66	5MHz	QPSK	132647	1RB#0	24.31	26.25	30.00	PASS
Band66	5MHz	QPSK	132647	1RB#12	24.46	26.4	30.00	PASS
Band66	5MHz	QPSK	132647	1RB#24	24.35	26.29	30.00	PASS
Band66	5MHz	QPSK	132647	25RB#0	23.50	25.44	30.00	PASS
Band66	5MHz	16QAM	131997	1RB#0	23.17	25.11	30.00	PASS
Band66	5MHz	16QAM	131997	1RB#12	23.54	25.48	30.00	PASS
Band66	5MHz	16QAM	131997	1RB#24	23.39	25.33	30.00	PASS
Band66	5MHz	16QAM	131997	25RB#0	22.46	24.4	30.00	PASS
Band66	5MHz	16QAM	132322	1RB#0	23.20	25.14	30.00	PASS
Band66	5MHz	16QAM	132322	1RB#12	23.36	25.3	30.00	PASS
Band66	5MHz	16QAM	132322	1RB#24	23.04	24.98	30.00	PASS
Band66	5MHz	16QAM	132322	25RB#0	22.13	24.07	30.00	PASS
Band66	5MHz	16QAM	132647	1RB#0	23.62	25.56	30.00	PASS
Band66	5MHz	16QAM	132647	1RB#12	23.47	25.41	30.00	PASS
Band66	5MHz	16QAM	132647	1RB#24	23.33	25.27	30.00	PASS
Band66	5MHz	16QAM	132647	25RB#0	22.46	24.4	30.00	PASS
Band66	10MHz	QPSK	132022	1RB#0	24.28	26.22	30.00	PASS
Band66	10MHz	QPSK	132022	1RB#24	24.64	26.58	30.00	PASS
Band66	10MHz	QPSK	132022	1RB#49	24.09	26.03	30.00	PASS
Band66	10MHz	QPSK	132022	50RB#0	23.57	25.51	30.00	PASS
Band66	10MHz	QPSK	132322	1RB#0	24.28	26.22	30.00	PASS
Band66	10MHz	QPSK	132322	1RB#24	24.55	26.49	30.00	PASS
Band66	10MHz	QPSK	132322	1RB#49	23.96	25.9	30.00	PASS
Band66	10MHz	QPSK	132322	50RB#0	23.38	25.32	30.00	PASS
Band66	10MHz	QPSK	132622	1RB#0	24.30	26.24	30.00	PASS

Band66	10MHz	QPSK	132622	1RB#24	24.49	26.43	30.00	PASS
Band66	10MHz	QPSK	132622	1RB#49	24.27	26.21	30.00	PASS
Band66	10MHz	QPSK	132622	50RB#0	23.52	25.46	30.00	PASS
Band66	10MHz	16QAM	132022	1RB#0	23.34	25.28	30.00	PASS
Band66	10MHz	16QAM	132022	1RB#24	23.70	25.64	30.00	PASS
Band66	10MHz	16QAM	132022	1RB#49	23.34	25.28	30.00	PASS
Band66	10MHz	16QAM	132022	50RB#0	22.49	24.43	30.00	PASS
Band66	10MHz	16QAM	132322	1RB#0	23.38	25.32	30.00	PASS
Band66	10MHz	16QAM	132322	1RB#24	23.27	25.21	30.00	PASS
Band66	10MHz	16QAM	132322	1RB#49	23.01	24.95	30.00	PASS
Band66	10MHz	16QAM	132322	50RB#0	22.33	24.27	30.00	PASS
Band66	10MHz	16QAM	132622	1RB#0	23.79	25.73	30.00	PASS
Band66	10MHz	16QAM	132622	1RB#24	23.82	25.76	30.00	PASS
Band66	10MHz	16QAM	132622	1RB#49	23.65	25.59	30.00	PASS
Band66	10MHz	16QAM	132622	50RB#0	22.55	24.49	30.00	PASS
Band66	15MHz	QPSK	132047	1RB#0	24.35	26.29	30.00	PASS
Band66	15MHz	QPSK	132047	1RB#38	24.33	26.27	30.00	PASS
Band66	15MHz	QPSK	132047	1RB#74	24.12	26.06	30.00	PASS
Band66	15MHz	QPSK	132047	75RB#0	23.52	25.46	30.00	PASS
Band66	15MHz	QPSK	132322	1RB#0	24.04	25.98	30.00	PASS
Band66	15MHz	QPSK	132322	1RB#38	24.22	26.16	30.00	PASS
Band66	15MHz	QPSK	132322	1RB#74	23.96	25.9	30.00	PASS
Band66	15MHz	QPSK	132322	75RB#0	23.31	25.25	30.00	PASS
Band66	15MHz	QPSK	132597	1RB#0	24.17	26.11	30.00	PASS
Band66	15MHz	QPSK	132597	1RB#38	24.36	26.3	30.00	PASS
Band66	15MHz	QPSK	132597	1RB#74	24.37	26.31	30.00	PASS
Band66	15MHz	QPSK	132597	75RB#0	23.48	25.42	30.00	PASS
Band66	15MHz	16QAM	132047	1RB#0	23.56	25.5	30.00	PASS
Band66	15MHz	16QAM	132047	1RB#38	23.45	25.39	30.00	PASS
Band66	15MHz	16QAM	132047	1RB#74	23.39	25.33	30.00	PASS
Band66	15MHz	16QAM	132047	75RB#0	22.55	24.49	30.00	PASS
Band66	15MHz	16QAM	132322	1RB#0	22.99	24.93	30.00	PASS
Band66	15MHz	16QAM	132322	1RB#38	23.24	25.18	30.00	PASS
Band66	15MHz	16QAM	132322	1RB#74	23.19	25.13	30.00	PASS
Band66	15MHz	16QAM	132322	75RB#0	22.34	24.28	30.00	PASS
Band66	15MHz	16QAM	132597	1RB#0	24.10	26.04	30.00	PASS
Band66	15MHz	16QAM	132597	1RB#38	23.68	25.62	30.00	PASS
Band66	15MHz	16QAM	132597	1RB#74	23.21	25.15	30.00	PASS
Band66	15MHz	16QAM	132597	75RB#0	22.54	24.48	30.00	PASS
Band66	20MHz	QPSK	132072	1RB#0	24.23	26.17	30.00	PASS
Band66	20MHz	QPSK	132072	1RB#49	24.41	26.35	30.00	PASS
Band66	20MHz	QPSK	132072	1RB#99	23.97	25.91	30.00	PASS
Band66	20MHz	QPSK	132072	100RB#0	23.50	25.44	30.00	PASS
Band66	20MHz	QPSK	132322	1RB#0	24.19	26.13	30.00	PASS

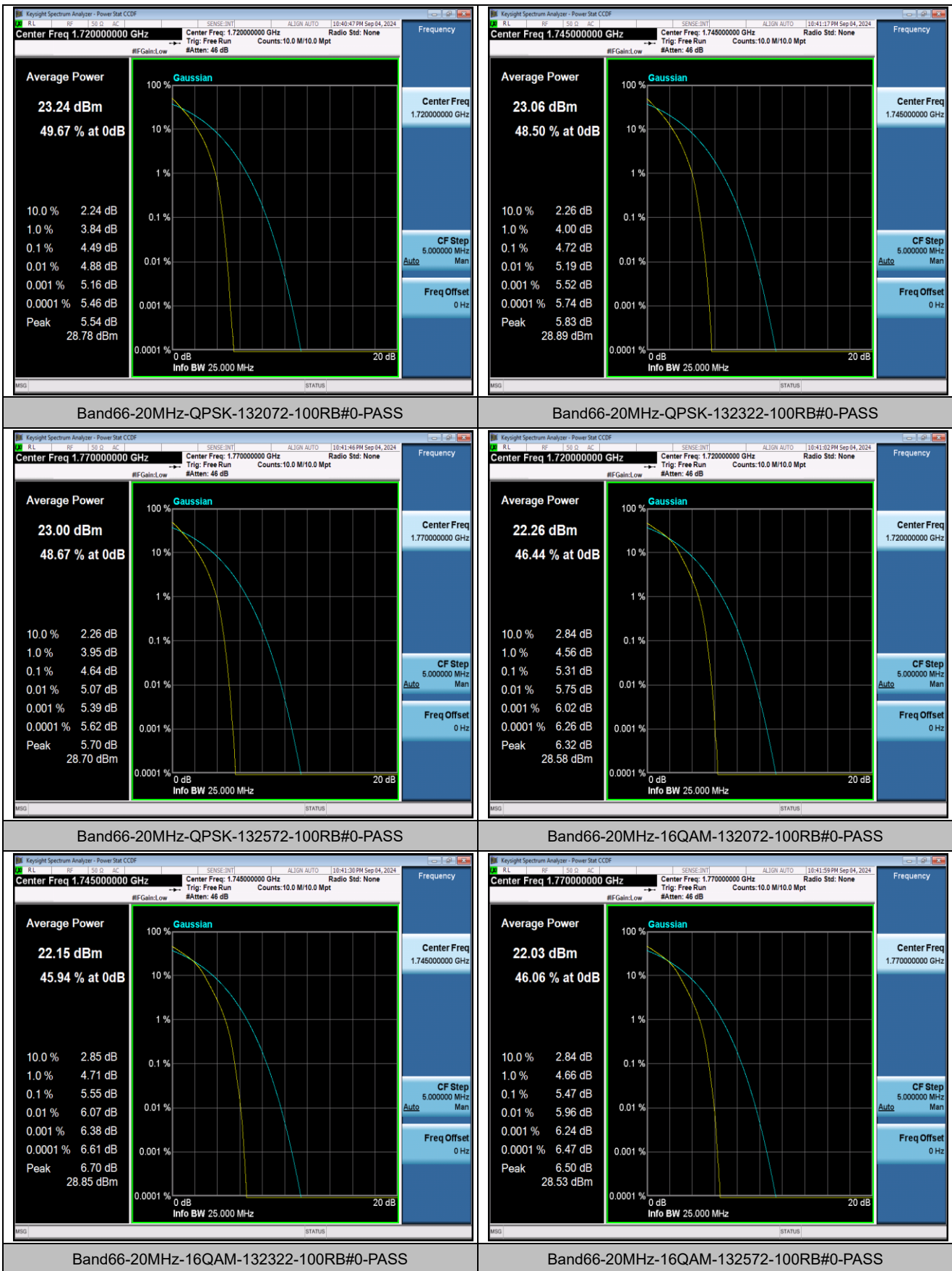
Band66	20MHz	QPSK	132322	1RB#49	24.48	26.42	30.00	PASS
Band66	20MHz	QPSK	132322	1RB#99	24.10	26.04	30.00	PASS
Band66	20MHz	QPSK	132322	100RB#0	23.34	25.28	30.00	PASS
Band66	20MHz	QPSK	132572	1RB#0	24.06	26	30.00	PASS
Band66	20MHz	QPSK	132572	1RB#49	24.65	26.59	30.00	PASS
Band66	20MHz	QPSK	132572	1RB#99	24.34	26.28	30.00	PASS
Band66	20MHz	QPSK	132572	100RB#0	23.44	25.38	30.00	PASS
Band66	20MHz	16QAM	132072	1RB#0	23.82	25.76	30.00	PASS
Band66	20MHz	16QAM	132072	1RB#49	23.95	25.89	30.00	PASS
Band66	20MHz	16QAM	132072	1RB#99	22.88	24.82	30.00	PASS
Band66	20MHz	16QAM	132072	100RB#0	22.53	24.47	30.00	PASS
Band66	20MHz	16QAM	132322	1RB#0	23.37	25.31	30.00	PASS
Band66	20MHz	16QAM	132322	1RB#49	24.17	26.11	30.00	PASS
Band66	20MHz	16QAM	132322	1RB#99	23.32	25.26	30.00	PASS
Band66	20MHz	16QAM	132322	100RB#0	22.35	24.29	30.00	PASS
Band66	20MHz	16QAM	132572	1RB#0	23.11	25.05	30.00	PASS
Band66	20MHz	16QAM	132572	1RB#49	23.42	25.36	30.00	PASS
Band66	20MHz	16QAM	132572	1RB#99	23.11	25.05	30.00	PASS
Band66	20MHz	16QAM	132572	100RB#0	22.53	24.47	30.00	PASS

Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dB)	Limit (dB)	Verdict
Band66	20MHz	QPSK	132072	100RB#0	4.49	13	PASS
Band66	20MHz	QPSK	132322	100RB#0	4.72	13	PASS
Band66	20MHz	QPSK	132572	100RB#0	4.64	13	PASS
Band66	20MHz	16QAM	132072	100RB#0	5.31	13	PASS
Band66	20MHz	16QAM	132322	100RB#0	5.55	13	PASS
Band66	20MHz	16QAM	132572	100RB#0	5.47	13	PASS

Test Graphs



26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	OBW (MHz)	26dB EBW (MHz)	Verdict
Band66	1.4MHz	QPSK	131979	6RB#0	1.0959	1.326	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	1.0959	1.315	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	1.0946	1.313	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	1.1016	1.308	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	1.1006	1.309	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	1.0990	1.304	PASS
Band66	3MHz	QPSK	131987	15RB#0	2.7111	2.984	PASS
Band66	3MHz	QPSK	132322	15RB#0	2.7093	2.973	PASS
Band66	3MHz	QPSK	132657	15RB#0	2.7067	2.974	PASS
Band66	3MHz	16QAM	131987	15RB#0	2.6966	2.984	PASS
Band66	3MHz	16QAM	132322	15RB#0	2.6973	2.982	PASS
Band66	3MHz	16QAM	132657	15RB#0	2.6931	2.985	PASS
Band66	5MHz	QPSK	131997	25RB#0	4.5113	5.036	PASS
Band66	5MHz	QPSK	132322	25RB#0	4.5121	5.032	PASS
Band66	5MHz	QPSK	132647	25RB#0	4.5137	5.019	PASS
Band66	5MHz	16QAM	131997	25RB#0	4.5096	5.011	PASS
Band66	5MHz	16QAM	132322	25RB#0	4.5059	4.983	PASS
Band66	5MHz	16QAM	132647	25RB#0	4.5053	4.989	PASS
Band66	10MHz	QPSK	132022	50RB#0	8.9885	9.971	PASS
Band66	10MHz	QPSK	132322	50RB#0	8.9684	9.947	PASS
Band66	10MHz	QPSK	132622	50RB#0	8.9838	9.958	PASS
Band66	10MHz	16QAM	132022	50RB#0	8.9847	9.892	PASS
Band66	10MHz	16QAM	132322	50RB#0	8.9688	9.848	PASS
Band66	10MHz	16QAM	132622	50RB#0	8.9770	9.872	PASS
Band66	15MHz	QPSK	132047	75RB#0	13.475	14.81	PASS
Band66	15MHz	QPSK	132322	75RB#0	13.469	14.88	PASS
Band66	15MHz	QPSK	132597	75RB#0	13.471	14.85	PASS
Band66	15MHz	16QAM	132047	75RB#0	13.482	14.72	PASS
Band66	15MHz	16QAM	132322	75RB#0	13.472	14.73	PASS
Band66	15MHz	16QAM	132597	75RB#0	13.479	14.68	PASS
Band66	20MHz	QPSK	132072	100RB#0	17.921	19.51	PASS
Band66	20MHz	QPSK	132322	100RB#0	17.903	19.47	PASS
Band66	20MHz	QPSK	132572	100RB#0	17.928	19.52	PASS
Band66	20MHz	16QAM	132072	100RB#0	17.964	19.46	PASS
Band66	20MHz	16QAM	132322	100RB#0	17.944	19.51	PASS
Band66	20MHz	16QAM	132572	100RB#0	17.972	19.58	PASS

Test Graphs

