

Appendix for LTE Band 66

Product Name: EcoFlow 4G Dongle SEP
Model No: EF-WM-001

Appendix A: Average Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band66	1.4MHz	QPSK	131979	1RB#0	22.93	PASS
Band66	1.4MHz	QPSK	131979	1RB#2	22.80	PASS
Band66	1.4MHz	QPSK	131979	1RB#5	23.02	PASS
Band66	1.4MHz	QPSK	131979	3RB#0	23.10	PASS
Band66	1.4MHz	QPSK	131979	3RB#1	23.03	PASS
Band66	1.4MHz	QPSK	131979	3RB#3	23.04	PASS
Band66	1.4MHz	QPSK	131979	6RB#0	21.91	PASS
Band66	1.4MHz	16QAM	131979	1RB#0	21.90	PASS
Band66	1.4MHz	16QAM	131979	1RB#2	22.14	PASS
Band66	1.4MHz	16QAM	131979	1RB#5	21.87	PASS
Band66	1.4MHz	16QAM	131979	3RB#0	21.69	PASS
Band66	1.4MHz	16QAM	131979	3RB#1	21.79	PASS
Band66	1.4MHz	16QAM	131979	3RB#3	21.64	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	20.88	PASS
Band66	1.4MHz	QPSK	132322	1RB#0	23.14	PASS
Band66	1.4MHz	QPSK	132322	1RB#2	23.06	PASS
Band66	1.4MHz	QPSK	132322	1RB#5	23.11	PASS
Band66	1.4MHz	QPSK	132322	3RB#0	23.25	PASS
Band66	1.4MHz	QPSK	132322	3RB#1	23.21	PASS
Band66	1.4MHz	QPSK	132322	3RB#3	23.21	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	22.31	PASS
Band66	1.4MHz	16QAM	132322	1RB#0	22.23	PASS
Band66	1.4MHz	16QAM	132322	1RB#2	22.39	PASS
Band66	1.4MHz	16QAM	132322	1RB#5	22.05	PASS
Band66	1.4MHz	16QAM	132322	3RB#0	22.00	PASS
Band66	1.4MHz	16QAM	132322	3RB#1	22.13	PASS
Band66	1.4MHz	16QAM	132322	3RB#3	21.95	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	21.27	PASS
Band66	1.4MHz	QPSK	132665	1RB#0	23.09	PASS
Band66	1.4MHz	QPSK	132665	1RB#2	23.18	PASS
Band66	1.4MHz	QPSK	132665	1RB#5	22.96	PASS
Band66	1.4MHz	QPSK	132665	3RB#0	23.08	PASS
Band66	1.4MHz	QPSK	132665	3RB#1	23.03	PASS
Band66	1.4MHz	QPSK	132665	3RB#3	23.15	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	22.19	PASS
Band66	1.4MHz	16QAM	132665	1RB#0	22.05	PASS

Band66	1.4MHz	16QAM	132665	1RB#2	21.87	PASS
Band66	1.4MHz	16QAM	132665	1RB#5	21.88	PASS
Band66	1.4MHz	16QAM	132665	3RB#0	22.12	PASS
Band66	1.4MHz	16QAM	132665	3RB#1	21.97	PASS
Band66	1.4MHz	16QAM	132665	3RB#3	21.98	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	21.29	PASS
Band66	3MHz	QPSK	131987	1RB#0	22.54	PASS
Band66	3MHz	QPSK	131987	1RB#8	22.73	PASS
Band66	3MHz	QPSK	131987	1RB#14	22.61	PASS
Band66	3MHz	QPSK	131987	8RB#0	21.63	PASS
Band66	3MHz	QPSK	131987	8RB#4	21.65	PASS
Band66	3MHz	QPSK	131987	8RB#7	21.59	PASS
Band66	3MHz	QPSK	131987	15RB#0	21.53	PASS
Band66	3MHz	16QAM	131987	1RB#0	21.63	PASS
Band66	3MHz	16QAM	131987	1RB#8	21.63	PASS
Band66	3MHz	16QAM	131987	1RB#14	21.59	PASS
Band66	3MHz	16QAM	131987	8RB#0	20.71	PASS
Band66	3MHz	16QAM	131987	8RB#4	20.55	PASS
Band66	3MHz	16QAM	131987	8RB#7	20.68	PASS
Band66	3MHz	16QAM	131987	15RB#0	20.55	PASS
Band66	3MHz	QPSK	132322	1RB#0	22.71	PASS
Band66	3MHz	QPSK	132322	1RB#8	22.77	PASS
Band66	3MHz	QPSK	132322	1RB#14	22.51	PASS
Band66	3MHz	QPSK	132322	8RB#0	21.86	PASS
Band66	3MHz	QPSK	132322	8RB#4	21.88	PASS
Band66	3MHz	QPSK	132322	8RB#7	21.79	PASS
Band66	3MHz	QPSK	132322	15RB#0	21.73	PASS
Band66	3MHz	16QAM	132322	1RB#0	21.90	PASS
Band66	3MHz	16QAM	132322	1RB#8	21.77	PASS
Band66	3MHz	16QAM	132322	1RB#14	21.62	PASS
Band66	3MHz	16QAM	132322	8RB#0	20.96	PASS
Band66	3MHz	16QAM	132322	8RB#4	20.78	PASS
Band66	3MHz	16QAM	132322	8RB#7	20.88	PASS
Band66	3MHz	16QAM	132322	15RB#0	20.87	PASS
Band66	3MHz	QPSK	132657	1RB#0	22.62	PASS
Band66	3MHz	QPSK	132657	1RB#8	22.64	PASS
Band66	3MHz	QPSK	132657	1RB#14	22.37	PASS
Band66	3MHz	QPSK	132657	8RB#0	21.87	PASS
Band66	3MHz	QPSK	132657	8RB#4	21.76	PASS
Band66	3MHz	QPSK	132657	8RB#7	21.66	PASS
Band66	3MHz	QPSK	132657	15RB#0	21.74	PASS
Band66	3MHz	16QAM	132657	1RB#0	21.73	PASS

Band66	3MHz	16QAM	132657	1RB#8	21.94	PASS
Band66	3MHz	16QAM	132657	1RB#14	21.41	PASS
Band66	3MHz	16QAM	132657	8RB#0	20.90	PASS
Band66	3MHz	16QAM	132657	8RB#4	20.67	PASS
Band66	3MHz	16QAM	132657	8RB#7	20.69	PASS
Band66	3MHz	16QAM	132657	15RB#0	20.79	PASS
Band66	5MHz	QPSK	131997	1RB#0	22.42	PASS
Band66	5MHz	QPSK	131997	1RB#12	22.64	PASS
Band66	5MHz	QPSK	131997	1RB#24	22.52	PASS
Band66	5MHz	QPSK	131997	12RB#0	21.53	PASS
Band66	5MHz	QPSK	131997	12RB#6	21.63	PASS
Band66	5MHz	QPSK	131997	12RB#13	21.48	PASS
Band66	5MHz	QPSK	131997	25RB#0	21.50	PASS
Band66	5MHz	16QAM	131997	1RB#0	21.17	PASS
Band66	5MHz	16QAM	131997	1RB#12	21.47	PASS
Band66	5MHz	16QAM	131997	1RB#24	21.05	PASS
Band66	5MHz	16QAM	131997	12RB#0	20.65	PASS
Band66	5MHz	16QAM	131997	12RB#6	20.61	PASS
Band66	5MHz	16QAM	131997	12RB#13	20.58	PASS
Band66	5MHz	16QAM	131997	25RB#0	20.49	PASS
Band66	5MHz	QPSK	132322	1RB#0	22.75	PASS
Band66	5MHz	QPSK	132322	1RB#12	22.88	PASS
Band66	5MHz	QPSK	132322	1RB#24	22.48	PASS
Band66	5MHz	QPSK	132322	12RB#0	21.98	PASS
Band66	5MHz	QPSK	132322	12RB#6	21.96	PASS
Band66	5MHz	QPSK	132322	12RB#13	21.73	PASS
Band66	5MHz	QPSK	132322	25RB#0	21.89	PASS
Band66	5MHz	16QAM	132322	1RB#0	21.56	PASS
Band66	5MHz	16QAM	132322	1RB#12	21.69	PASS
Band66	5MHz	16QAM	132322	1RB#24	21.20	PASS
Band66	5MHz	16QAM	132322	12RB#0	21.08	PASS
Band66	5MHz	16QAM	132322	12RB#6	20.93	PASS
Band66	5MHz	16QAM	132322	12RB#13	20.83	PASS
Band66	5MHz	16QAM	132322	25RB#0	20.89	PASS
Band66	5MHz	QPSK	132647	1RB#0	22.57	PASS
Band66	5MHz	QPSK	132647	1RB#12	22.92	PASS
Band66	5MHz	QPSK	132647	1RB#24	22.41	PASS
Band66	5MHz	QPSK	132647	12RB#0	21.87	PASS
Band66	5MHz	QPSK	132647	12RB#6	21.98	PASS
Band66	5MHz	QPSK	132647	12RB#13	21.67	PASS
Band66	5MHz	QPSK	132647	25RB#0	21.75	PASS
Band66	5MHz	16QAM	132647	1RB#0	21.35	PASS

Band66	5MHz	16QAM	132647	1RB#12	21.66	PASS
Band66	5MHz	16QAM	132647	1RB#24	21.22	PASS
Band66	5MHz	16QAM	132647	12RB#0	20.96	PASS
Band66	5MHz	16QAM	132647	12RB#6	20.97	PASS
Band66	5MHz	16QAM	132647	12RB#13	20.90	PASS
Band66	5MHz	16QAM	132647	25RB#0	20.85	PASS
Band66	10MHz	QPSK	132022	1RB#0	22.86	PASS
Band66	10MHz	QPSK	132022	1RB#24	23.18	PASS
Band66	10MHz	QPSK	132022	1RB#49	22.97	PASS
Band66	10MHz	QPSK	132022	25RB#0	22.04	PASS
Band66	10MHz	QPSK	132022	25RB#12	22.09	PASS
Band66	10MHz	QPSK	132022	25RB#25	22.18	PASS
Band66	10MHz	QPSK	132022	50RB#0	22.09	PASS
Band66	10MHz	16QAM	132022	1RB#0	21.59	PASS
Band66	10MHz	16QAM	132022	1RB#24	22.30	PASS
Band66	10MHz	16QAM	132022	1RB#49	21.84	PASS
Band66	10MHz	16QAM	132022	25RB#0	21.02	PASS
Band66	10MHz	16QAM	132022	25RB#12	21.15	PASS
Band66	10MHz	16QAM	132022	25RB#25	21.12	PASS
Band66	10MHz	QPSK	132322	1RB#0	22.98	PASS
Band66	10MHz	QPSK	132322	1RB#24	22.96	PASS
Band66	10MHz	QPSK	132322	1RB#49	22.27	PASS
Band66	10MHz	QPSK	132322	25RB#0	22.08	PASS
Band66	10MHz	QPSK	132322	25RB#12	21.99	PASS
Band66	10MHz	QPSK	132322	25RB#25	21.72	PASS
Band66	10MHz	QPSK	132322	50RB#0	21.91	PASS
Band66	10MHz	16QAM	132322	1RB#0	22.04	PASS
Band66	10MHz	16QAM	132322	1RB#24	21.83	PASS
Band66	10MHz	16QAM	132322	1RB#49	21.36	PASS
Band66	10MHz	16QAM	132322	25RB#0	21.19	PASS
Band66	10MHz	16QAM	132322	25RB#12	20.99	PASS
Band66	10MHz	16QAM	132322	25RB#25	20.76	PASS
Band66	10MHz	QPSK	132622	1RB#0	22.50	PASS
Band66	10MHz	QPSK	132622	1RB#24	23.02	PASS
Band66	10MHz	QPSK	132622	1RB#49	22.51	PASS
Band66	10MHz	QPSK	132622	25RB#0	21.93	PASS
Band66	10MHz	QPSK	132622	25RB#12	22.10	PASS
Band66	10MHz	QPSK	132622	25RB#25	22.05	PASS
Band66	10MHz	QPSK	132622	50RB#0	22.09	PASS
Band66	10MHz	16QAM	132622	1RB#0	21.66	PASS
Band66	10MHz	16QAM	132622	1RB#24	22.07	PASS
Band66	10MHz	16QAM	132622	1RB#49	21.71	PASS

Band66	10MHz	16QAM	132622	25RB#0	21.17	PASS
Band66	10MHz	16QAM	132622	25RB#12	21.29	PASS
Band66	10MHz	16QAM	132622	25RB#25	21.36	PASS
Band66	15MHz	QPSK	132047	1RB#0	23.02	PASS
Band66	15MHz	QPSK	132047	1RB#38	23.13	PASS
Band66	15MHz	QPSK	132047	1RB#74	23.51	PASS
Band66	15MHz	QPSK	132047	38RB#0	22.09	PASS
Band66	15MHz	QPSK	132047	38RB#18	22.04	PASS
Band66	15MHz	QPSK	132047	38RB#37	22.04	PASS
Band66	15MHz	QPSK	132047	75RB#0	22.07	PASS
Band66	15MHz	16QAM	132047	1RB#0	22.19	PASS
Band66	15MHz	16QAM	132047	1RB#38	22.07	PASS
Band66	15MHz	16QAM	132047	1RB#74	22.59	PASS
Band66	15MHz	16QAM	132047	38RB#0	22.05	PASS
Band66	15MHz	16QAM	132047	38RB#37	22.03	PASS
Band66	15MHz	QPSK	132322	1RB#0	23.43	PASS
Band66	15MHz	QPSK	132322	1RB#38	22.91	PASS
Band66	15MHz	QPSK	132322	1RB#74	22.55	PASS
Band66	15MHz	QPSK	132322	38RB#0	21.87	PASS
Band66	15MHz	QPSK	132322	38RB#18	21.95	PASS
Band66	15MHz	QPSK	132322	38RB#37	21.92	PASS
Band66	15MHz	QPSK	132322	75RB#0	21.95	PASS
Band66	15MHz	16QAM	132322	1RB#0	22.59	PASS
Band66	15MHz	16QAM	132322	1RB#38	21.92	PASS
Band66	15MHz	16QAM	132322	1RB#74	21.66	PASS
Band66	15MHz	16QAM	132322	38RB#0	21.90	PASS
Band66	15MHz	16QAM	132322	38RB#37	21.91	PASS
Band66	15MHz	QPSK	132597	1RB#0	22.39	PASS
Band66	15MHz	QPSK	132597	1RB#38	23.12	PASS
Band66	15MHz	QPSK	132597	1RB#74	22.80	PASS
Band66	15MHz	QPSK	132597	38RB#0	21.92	PASS
Band66	15MHz	QPSK	132597	38RB#18	21.96	PASS
Band66	15MHz	QPSK	132597	38RB#37	22.01	PASS
Band66	15MHz	QPSK	132597	75RB#0	22.00	PASS
Band66	15MHz	16QAM	132597	1RB#0	21.50	PASS
Band66	15MHz	16QAM	132597	1RB#38	22.11	PASS
Band66	15MHz	16QAM	132597	1RB#74	22.09	PASS
Band66	15MHz	16QAM	132597	38RB#0	21.93	PASS
Band66	15MHz	16QAM	132597	38RB#37	22.02	PASS
Band66	20MHz	QPSK	132072	1RB#0	23.23	PASS
Band66	20MHz	QPSK	132072	1RB#49	23.72	PASS
Band66	20MHz	QPSK	132072	1RB#99	23.98	PASS

Band66	20MHz	QPSK	132072	50RB#0	22.34	PASS
Band66	20MHz	QPSK	132072	50RB#25	22.43	PASS
Band66	20MHz	QPSK	132072	50RB#50	22.69	PASS
Band66	20MHz	QPSK	132072	100RB#0	22.40	PASS
Band66	20MHz	16QAM	132072	1RB#0	21.77	PASS
Band66	20MHz	16QAM	132072	1RB#49	22.33	PASS
Band66	20MHz	16QAM	132072	1RB#99	22.77	PASS
Band66	20MHz	QPSK	132322	1RB#0	23.57	PASS
Band66	20MHz	QPSK	132322	1RB#49	23.39	PASS
Band66	20MHz	QPSK	132322	1RB#99	22.43	PASS
Band66	20MHz	QPSK	132322	50RB#0	22.48	PASS
Band66	20MHz	QPSK	132322	50RB#25	22.16	PASS
Band66	20MHz	QPSK	132322	50RB#50	21.81	PASS
Band66	20MHz	QPSK	132322	100RB#0	22.09	PASS
Band66	20MHz	16QAM	132322	1RB#0	22.68	PASS
Band66	20MHz	16QAM	132322	1RB#49	22.06	PASS
Band66	20MHz	16QAM	132322	1RB#99	21.63	PASS
Band66	20MHz	QPSK	132572	1RB#0	22.15	PASS
Band66	20MHz	QPSK	132572	1RB#49	23.21	PASS
Band66	20MHz	QPSK	132572	1RB#99	22.86	PASS
Band66	20MHz	QPSK	132572	50RB#0	21.65	PASS
Band66	20MHz	QPSK	132572	50RB#25	21.97	PASS
Band66	20MHz	QPSK	132572	50RB#50	22.23	PASS
Band66	20MHz	QPSK	132572	100RB#0	21.93	PASS
Band66	20MHz	16QAM	132572	1RB#0	21.20	PASS
Band66	20MHz	16QAM	132572	1RB#49	22.05	PASS
Band66	20MHz	16QAM	132572	1RB#99	21.94	PASS

Appendix B: Peak-to-Average Ratio(CCDF)

Test Result

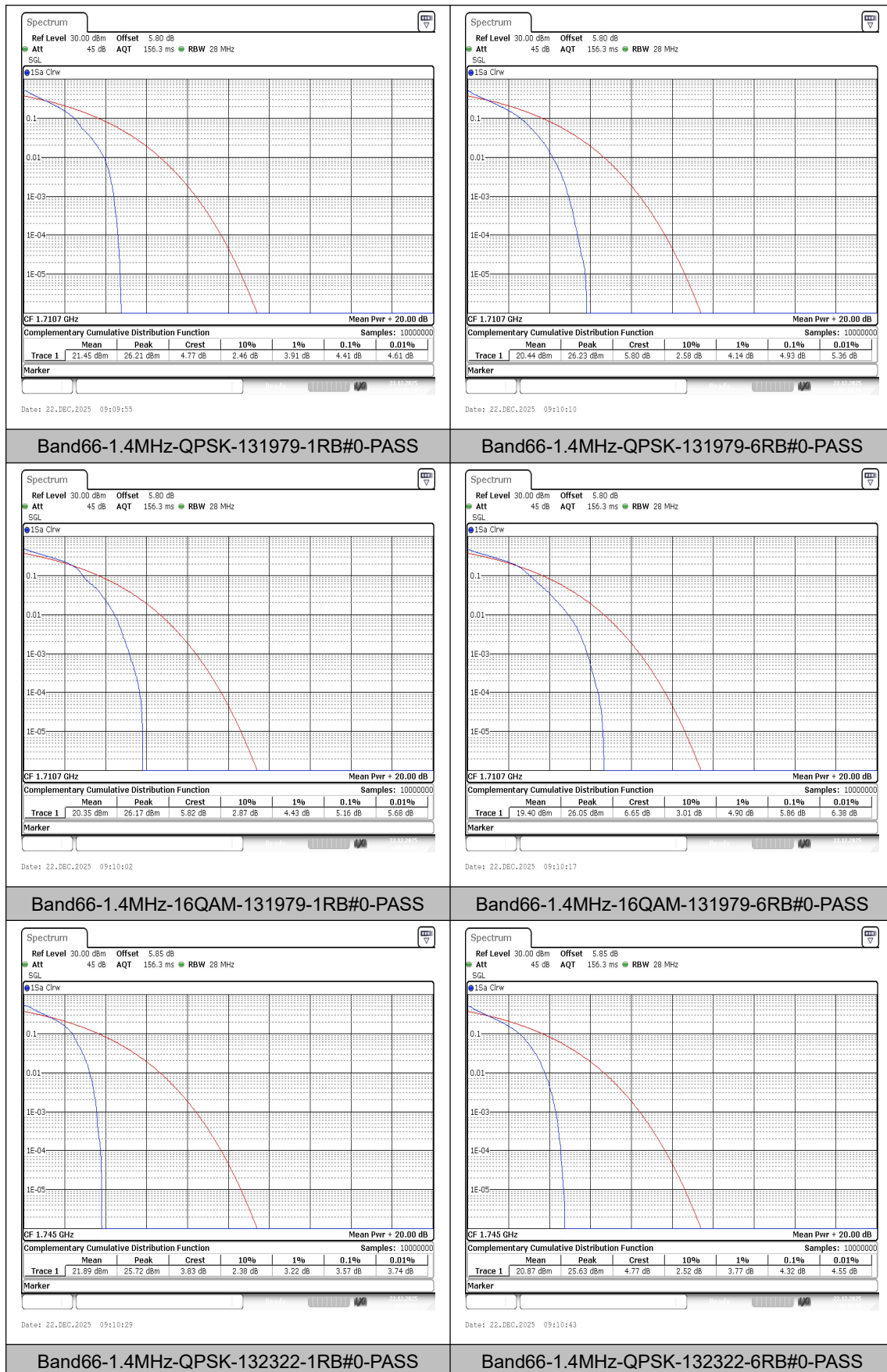
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band66	1.4MHz	QPSK	131979	1RB#0	4.41	13	PASS
Band66	1.4MHz	QPSK	131979	6RB#0	4.93	13	PASS
Band66	1.4MHz	16QAM	131979	1RB#0	5.16	13	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	5.86	13	PASS
Band66	1.4MHz	QPSK	132322	1RB#0	3.57	13	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	4.32	13	PASS
Band66	1.4MHz	16QAM	132322	1RB#0	4.55	13	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	5.19	13	PASS
Band66	1.4MHz	QPSK	132665	1RB#0	3.62	13	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	4.29	13	PASS
Band66	1.4MHz	16QAM	132665	1RB#0	4.67	13	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	5.10	13	PASS
Band66	3MHz	QPSK	131987	1RB#0	4.41	13	PASS
Band66	3MHz	QPSK	131987	15RB#0	4.99	13	PASS
Band66	3MHz	16QAM	131987	1RB#0	5.30	13	PASS
Band66	3MHz	16QAM	131987	15RB#0	5.77	13	PASS
Band66	3MHz	QPSK	132322	1RB#0	3.65	13	PASS
Band66	3MHz	QPSK	132322	15RB#0	4.26	13	PASS
Band66	3MHz	16QAM	132322	1RB#0	4.52	13	PASS
Band66	3MHz	16QAM	132322	15RB#0	5.13	13	PASS
Band66	3MHz	QPSK	132657	1RB#0	3.86	13	PASS
Band66	3MHz	QPSK	132657	15RB#0	4.35	13	PASS
Band66	3MHz	16QAM	132657	1RB#0	4.90	13	PASS
Band66	3MHz	16QAM	132657	15RB#0	5.25	13	PASS
Band66	5MHz	QPSK	131997	1RB#0	4.23	13	PASS
Band66	5MHz	QPSK	131997	25RB#0	4.96	13	PASS
Band66	5MHz	16QAM	131997	1RB#0	5.04	13	PASS
Band66	5MHz	16QAM	131997	25RB#0	5.68	13	PASS
Band66	5MHz	QPSK	132322	1RB#0	3.68	13	PASS
Band66	5MHz	QPSK	132322	25RB#0	4.26	13	PASS
Band66	5MHz	16QAM	132322	1RB#0	4.52	13	PASS
Band66	5MHz	16QAM	132322	25RB#0	5.07	13	PASS
Band66	5MHz	QPSK	132647	1RB#0	4.38	13	PASS
Band66	5MHz	QPSK	132647	25RB#0	4.58	13	PASS
Band66	5MHz	16QAM	132647	1RB#0	5.28	13	PASS
Band66	5MHz	16QAM	132647	25RB#0	5.39	13	PASS
Band66	10MHz	QPSK	132022	1RB#0	4.49	13	PASS

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Band66	10MHz	QPSK	132022	50RB#0	5.13	13	PASS
Band66	10MHz	16QAM	132022	1RB#0	5.28	13	PASS
Band66	10MHz	QPSK	132322	1RB#0	3.77	13	PASS
Band66	10MHz	QPSK	132322	50RB#0	4.29	13	PASS
Band66	10MHz	16QAM	132322	1RB#0	4.67	13	PASS
Band66	10MHz	QPSK	132622	1RB#0	4.99	13	PASS
Band66	10MHz	QPSK	132622	50RB#0	4.75	13	PASS
Band66	10MHz	16QAM	132622	1RB#0	5.86	13	PASS
Band66	15MHz	QPSK	132047	1RB#0	4.35	13	PASS
Band66	15MHz	QPSK	132047	75RB#0	5.42	13	PASS
Band66	15MHz	16QAM	132047	1RB#0	5.13	13	PASS
Band66	15MHz	QPSK	132322	1RB#0	3.62	13	PASS
Band66	15MHz	QPSK	132322	75RB#0	4.55	13	PASS
Band66	15MHz	16QAM	132322	1RB#0	4.52	13	PASS
Band66	15MHz	QPSK	132597	1RB#0	4.99	13	PASS
Band66	15MHz	QPSK	132597	75RB#0	5.07	13	PASS
Band66	15MHz	16QAM	132597	1RB#0	5.97	13	PASS
Band66	20MHz	QPSK	132072	1RB#0	4.32	13	PASS
Band66	20MHz	QPSK	132072	100RB#0	5.16	13	PASS
Band66	20MHz	16QAM	132072	1RB#0	5.42	13	PASS
Band66	20MHz	QPSK	132322	1RB#0	3.91	13	PASS
Band66	20MHz	QPSK	132322	100RB#0	4.58	13	PASS
Band66	20MHz	16QAM	132322	1RB#0	5.07	13	PASS
Band66	20MHz	QPSK	132572	1RB#0	4.78	13	PASS
Band66	20MHz	QPSK	132572	100RB#0	4.99	13	PASS
Band66	20MHz	16QAM	132572	1RB#0	5.42	13	PASS

Test Graphs



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