

Appendix E: Test Data for E-UTRA Band 66

Product Name: Scout 4G SF iRF (LA)
Test Model: Scout 4G SF iRF (LA)

Environmental Conditions

Temperature:	24.3°C
Relative Humidity:	53.1%
ATM Pressure:	100.0 kPa
Test Engineer:	zhao xing hai
Supervised by:	Fengliu Tang

E.1 Conducted Output Power Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Power(dBm)	Verdict
Band66	1.4MHz	QPSK	131979	1RB#0	23.60	PASS
Band66	1.4MHz	QPSK	131979	1RB#2	24.31	PASS
Band66	1.4MHz	QPSK	131979	1RB#5	23.72	PASS
Band66	1.4MHz	QPSK	131979	3RB#0	24.12	PASS
Band66	1.4MHz	QPSK	131979	3RB#1	24.37	PASS
Band66	1.4MHz	QPSK	131979	3RB#3	24.20	PASS
Band66	1.4MHz	QPSK	131979	6RB#0	23.33	PASS
Band66	1.4MHz	16QAM	131979	1RB#0	22.84	PASS
Band66	1.4MHz	16QAM	131979	1RB#2	23.85	PASS
Band66	1.4MHz	16QAM	131979	1RB#5	22.84	PASS
Band66	1.4MHz	16QAM	131979	3RB#0	23.17	PASS
Band66	1.4MHz	16QAM	131979	3RB#1	23.48	PASS
Band66	1.4MHz	16QAM	131979	3RB#3	23.24	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	22.27	PASS
Band66	1.4MHz	QPSK	132322	1RB#0	23.12	PASS
Band66	1.4MHz	QPSK	132322	1RB#2	23.71	PASS
Band66	1.4MHz	QPSK	132322	1RB#5	23.06	PASS
Band66	1.4MHz	QPSK	132322	3RB#0	23.57	PASS
Band66	1.4MHz	QPSK	132322	3RB#1	23.72	PASS
Band66	1.4MHz	QPSK	132322	3RB#3	23.57	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	22.61	PASS
Band66	1.4MHz	16QAM	132322	1RB#0	22.17	PASS
Band66	1.4MHz	16QAM	132322	1RB#2	23.02	PASS
Band66	1.4MHz	16QAM	132322	1RB#5	22.24	PASS
Band66	1.4MHz	16QAM	132322	3RB#0	22.46	PASS
Band66	1.4MHz	16QAM	132322	3RB#1	22.94	PASS
Band66	1.4MHz	16QAM	132322	3RB#3	22.48	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	21.68	PASS
Band66	1.4MHz	QPSK	132665	1RB#0	22.70	PASS
Band66	1.4MHz	QPSK	132665	1RB#2	23.22	PASS
Band66	1.4MHz	QPSK	132665	1RB#5	23.58	PASS
Band66	1.4MHz	QPSK	132665	3RB#0	23.00	PASS
Band66	1.4MHz	QPSK	132665	3RB#1	23.26	PASS
Band66	1.4MHz	QPSK	132665	3RB#3	23.12	PASS

Band66	1.4MHz	QPSK	132665	6RB#0	22.37	PASS
Band66	1.4MHz	16QAM	132665	1RB#0	21.57	PASS
Band66	1.4MHz	16QAM	132665	1RB#2	22.57	PASS
Band66	1.4MHz	16QAM	132665	1RB#5	22.69	PASS
Band66	1.4MHz	16QAM	132665	3RB#0	22.14	PASS
Band66	1.4MHz	16QAM	132665	3RB#1	22.53	PASS
Band66	1.4MHz	16QAM	132665	3RB#3	22.25	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	21.46	PASS
Band66	3MHz	QPSK	131987	1RB#0	24.24	PASS
Band66	3MHz	QPSK	131987	1RB#8	25.00	PASS
Band66	3MHz	QPSK	131987	1RB#14	23.49	PASS
Band66	3MHz	QPSK	131987	8RB#0	23.85	PASS
Band66	3MHz	QPSK	131987	8RB#4	24.04	PASS
Band66	3MHz	QPSK	131987	8RB#7	23.74	PASS
Band66	3MHz	QPSK	131987	15RB#0	23.75	PASS
Band66	3MHz	16QAM	131987	1RB#0	23.43	PASS
Band66	3MHz	16QAM	131987	1RB#8	24.51	PASS
Band66	3MHz	16QAM	131987	1RB#14	22.73	PASS
Band66	3MHz	16QAM	131987	8RB#0	22.96	PASS
Band66	3MHz	16QAM	131987	8RB#4	23.11	PASS
Band66	3MHz	16QAM	131987	8RB#7	22.84	PASS
Band66	3MHz	16QAM	131987	15RB#0	22.81	PASS
Band66	3MHz	QPSK	132322	1RB#0	23.72	PASS
Band66	3MHz	QPSK	132322	1RB#8	24.41	PASS
Band66	3MHz	QPSK	132322	1RB#14	22.92	PASS
Band66	3MHz	QPSK	132322	8RB#0	23.26	PASS
Band66	3MHz	QPSK	132322	8RB#4	23.42	PASS
Band66	3MHz	QPSK	132322	8RB#7	23.14	PASS
Band66	3MHz	QPSK	132322	15RB#0	23.21	PASS
Band66	3MHz	16QAM	132322	1RB#0	22.65	PASS
Band66	3MHz	16QAM	132322	1RB#8	23.66	PASS
Band66	3MHz	16QAM	132322	1RB#14	21.96	PASS
Band66	3MHz	16QAM	132322	8RB#0	22.35	PASS
Band66	3MHz	16QAM	132322	8RB#4	22.50	PASS
Band66	3MHz	16QAM	132322	8RB#7	22.25	PASS
Band66	3MHz	16QAM	132322	15RB#0	22.20	PASS
Band66	3MHz	QPSK	132657	1RB#0	22.48	PASS
Band66	3MHz	QPSK	132657	1RB#8	23.64	PASS
Band66	3MHz	QPSK	132657	1RB#14	22.65	PASS
Band66	3MHz	QPSK	132657	8RB#0	22.42	PASS
Band66	3MHz	QPSK	132657	8RB#4	22.63	PASS

Band66	3MHz	QPSK	132657	8RB#7	22.38	PASS
Band66	3MHz	QPSK	132657	15RB#0	22.37	PASS
Band66	3MHz	16QAM	132657	1RB#0	21.61	PASS
Band66	3MHz	16QAM	132657	1RB#8	23.04	PASS
Band66	3MHz	16QAM	132657	1RB#14	21.92	PASS
Band66	3MHz	16QAM	132657	8RB#0	21.60	PASS
Band66	3MHz	16QAM	132657	8RB#4	21.82	PASS
Band66	3MHz	16QAM	132657	8RB#7	21.51	PASS
Band66	3MHz	16QAM	132657	15RB#0	21.52	PASS
Band66	5MHz	QPSK	131997	1RB#0	24.43	PASS
Band66	5MHz	QPSK	131997	1RB#12	24.40	PASS
Band66	5MHz	QPSK	131997	1RB#24	23.51	PASS
Band66	5MHz	QPSK	131997	12RB#0	23.79	PASS
Band66	5MHz	QPSK	131997	12RB#6	23.69	PASS
Band66	5MHz	QPSK	131997	12RB#13	23.52	PASS
Band66	5MHz	QPSK	131997	25RB#0	23.64	PASS
Band66	5MHz	16QAM	131997	1RB#0	23.65	PASS
Band66	5MHz	16QAM	131997	1RB#12	23.85	PASS
Band66	5MHz	16QAM	131997	1RB#24	22.77	PASS
Band66	5MHz	16QAM	131997	12RB#0	22.94	PASS
Band66	5MHz	16QAM	131997	12RB#6	22.88	PASS
Band66	5MHz	16QAM	131997	12RB#13	22.65	PASS
Band66	5MHz	16QAM	131997	25RB#0	22.72	PASS
Band66	5MHz	QPSK	132322	1RB#0	23.85	PASS
Band66	5MHz	QPSK	132322	1RB#12	23.89	PASS
Band66	5MHz	QPSK	132322	1RB#24	22.94	PASS
Band66	5MHz	QPSK	132322	12RB#0	23.24	PASS
Band66	5MHz	QPSK	132322	12RB#6	23.17	PASS
Band66	5MHz	QPSK	132322	12RB#13	23.05	PASS
Band66	5MHz	QPSK	132322	25RB#0	23.17	PASS
Band66	5MHz	16QAM	132322	1RB#0	22.86	PASS
Band66	5MHz	16QAM	132322	1RB#12	23.14	PASS
Band66	5MHz	16QAM	132322	1RB#24	22.04	PASS
Band66	5MHz	16QAM	132322	12RB#0	22.30	PASS
Band66	5MHz	16QAM	132322	12RB#6	22.24	PASS
Band66	5MHz	16QAM	132322	12RB#13	22.08	PASS
Band66	5MHz	16QAM	132322	25RB#0	22.27	PASS
Band66	5MHz	QPSK	132647	1RB#0	22.61	PASS
Band66	5MHz	QPSK	132647	1RB#12	23.21	PASS
Band66	5MHz	QPSK	132647	1RB#24	22.74	PASS
Band66	5MHz	QPSK	132647	12RB#0	22.42	PASS

Band66	5MHz	QPSK	132647	12RB#6	22.41	PASS
Band66	5MHz	QPSK	132647	12RB#13	22.32	PASS
Band66	5MHz	QPSK	132647	25RB#0	22.36	PASS
Band66	5MHz	16QAM	132647	1RB#0	21.70	PASS
Band66	5MHz	16QAM	132647	1RB#12	22.58	PASS
Band66	5MHz	16QAM	132647	1RB#24	21.77	PASS
Band66	5MHz	16QAM	132647	12RB#0	21.56	PASS
Band66	5MHz	16QAM	132647	12RB#6	21.54	PASS
Band66	5MHz	16QAM	132647	12RB#13	21.46	PASS
Band66	5MHz	16QAM	132647	25RB#0	21.46	PASS
Band66	10MHz	QPSK	132022	1RB#0	25.10	PASS
Band66	10MHz	QPSK	132022	1RB#24	25.42	PASS
Band66	10MHz	QPSK	132022	1RB#49	24.37	PASS
Band66	10MHz	QPSK	132022	25RB#0	24.57	PASS
Band66	10MHz	QPSK	132022	25RB#12	24.49	PASS
Band66	10MHz	QPSK	132022	25RB#25	24.46	PASS
Band66	10MHz	QPSK	132022	50RB#0	24.75	PASS
Band66	10MHz	16QAM	132022	1RB#0	24.07	PASS
Band66	10MHz	16QAM	132022	1RB#24	24.84	PASS
Band66	10MHz	16QAM	132022	1RB#49	23.33	PASS
Band66	10MHz	16QAM	132022	25RB#0	23.67	PASS
Band66	10MHz	16QAM	132022	25RB#12	23.60	PASS
Band66	10MHz	16QAM	132022	25RB#25	23.52	PASS
Band66	10MHz	QPSK	132322	1RB#0	24.34	PASS
Band66	10MHz	QPSK	132322	1RB#24	24.93	PASS
Band66	10MHz	QPSK	132322	1RB#49	23.81	PASS
Band66	10MHz	QPSK	132322	25RB#0	24.22	PASS
Band66	10MHz	QPSK	132322	25RB#12	24.14	PASS
Band66	10MHz	QPSK	132322	25RB#25	24.34	PASS
Band66	10MHz	QPSK	132322	50RB#0	24.33	PASS
Band66	10MHz	16QAM	132322	1RB#0	23.28	PASS
Band66	10MHz	16QAM	132322	1RB#24	24.32	PASS
Band66	10MHz	16QAM	132322	1RB#49	22.93	PASS
Band66	10MHz	16QAM	132322	25RB#0	23.24	PASS
Band66	10MHz	16QAM	132322	25RB#12	23.20	PASS
Band66	10MHz	16QAM	132322	25RB#25	23.36	PASS
Band66	10MHz	QPSK	132622	1RB#0	23.85	PASS
Band66	10MHz	QPSK	132622	1RB#24	24.16	PASS
Band66	10MHz	QPSK	132622	1RB#49	23.37	PASS
Band66	10MHz	QPSK	132622	25RB#0	23.54	PASS
Band66	10MHz	QPSK	132622	25RB#12	23.29	PASS

Band66	10MHz	QPSK	132622	25RB#25	22.92	PASS
Band66	10MHz	QPSK	132622	50RB#0	23.67	PASS
Band66	10MHz	16QAM	132622	1RB#0	22.97	PASS
Band66	10MHz	16QAM	132622	1RB#24	23.61	PASS
Band66	10MHz	16QAM	132622	1RB#49	22.32	PASS
Band66	10MHz	16QAM	132622	25RB#0	22.68	PASS
Band66	10MHz	16QAM	132622	25RB#12	22.43	PASS
Band66	10MHz	16QAM	132622	25RB#25	22.04	PASS
Band66	15MHz	QPSK	132047	1RB#0	24.64	PASS
Band66	15MHz	QPSK	132047	1RB#38	24.86	PASS
Band66	15MHz	QPSK	132047	1RB#74	24.44	PASS
Band66	15MHz	QPSK	132047	38RB#0	23.51	PASS
Band66	15MHz	QPSK	132047	38RB#18	23.67	PASS
Band66	15MHz	QPSK	132047	38RB#37	24.20	PASS
Band66	15MHz	QPSK	132047	75RB#0	24.30	PASS
Band66	15MHz	16QAM	132047	1RB#0	23.95	PASS
Band66	15MHz	16QAM	132047	1RB#38	24.07	PASS
Band66	15MHz	16QAM	132047	1RB#74	23.81	PASS
Band66	15MHz	QPSK	132322	1RB#0	23.77	PASS
Band66	15MHz	QPSK	132322	1RB#38	24.21	PASS
Band66	15MHz	QPSK	132322	1RB#74	23.24	PASS
Band66	15MHz	QPSK	132322	38RB#0	23.12	PASS
Band66	15MHz	QPSK	132322	38RB#18	23.02	PASS
Band66	15MHz	QPSK	132322	38RB#37	23.53	PASS
Band66	15MHz	QPSK	132322	75RB#0	23.45	PASS
Band66	15MHz	16QAM	132322	1RB#0	23.17	PASS
Band66	15MHz	16QAM	132322	1RB#38	23.30	PASS
Band66	15MHz	16QAM	132322	1RB#74	22.58	PASS
Band66	15MHz	QPSK	132597	1RB#0	23.90	PASS
Band66	15MHz	QPSK	132597	1RB#38	23.65	PASS
Band66	15MHz	QPSK	132597	1RB#74	22.98	PASS
Band66	15MHz	QPSK	132597	38RB#0	23.21	PASS
Band66	15MHz	QPSK	132597	38RB#18	23.10	PASS
Band66	15MHz	QPSK	132597	38RB#37	22.81	PASS
Band66	15MHz	QPSK	132597	75RB#0	23.24	PASS
Band66	15MHz	16QAM	132597	1RB#0	23.22	PASS
Band66	15MHz	16QAM	132597	1RB#38	22.84	PASS
Band66	15MHz	16QAM	132597	1RB#74	22.38	PASS
Band66	20MHz	QPSK	132072	1RB#0	24.87	PASS
Band66	20MHz	QPSK	132072	1RB#49	25.54	PASS
Band66	20MHz	QPSK	132072	1RB#99	24.65	PASS

Band66	20MHz	QPSK	132072	50RB#0	24.29	PASS
Band66	20MHz	QPSK	132072	50RB#25	24.41	PASS
Band66	20MHz	QPSK	132072	50RB#50	24.18	PASS
Band66	20MHz	QPSK	132072	100RB#0	24.19	PASS
Band66	20MHz	16QAM	132072	1RB#0	24.07	PASS
Band66	20MHz	16QAM	132072	1RB#49	24.71	PASS
Band66	20MHz	16QAM	132072	1RB#99	23.91	PASS
Band66	20MHz	QPSK	132322	1RB#0	23.70	PASS
Band66	20MHz	QPSK	132322	1RB#49	24.47	PASS
Band66	20MHz	QPSK	132322	1RB#99	22.95	PASS
Band66	20MHz	QPSK	132322	50RB#0	23.24	PASS
Band66	20MHz	QPSK	132322	50RB#25	23.03	PASS
Band66	20MHz	QPSK	132322	50RB#50	23.41	PASS
Band66	20MHz	QPSK	132322	100RB#0	23.28	PASS
Band66	20MHz	16QAM	132322	1RB#0	22.93	PASS
Band66	20MHz	16QAM	132322	1RB#49	23.44	PASS
Band66	20MHz	16QAM	132322	1RB#99	22.20	PASS
Band66	20MHz	QPSK	132572	1RB#0	24.31	PASS
Band66	20MHz	QPSK	132572	1RB#49	23.92	PASS
Band66	20MHz	QPSK	132572	1RB#99	23.17	PASS
Band66	20MHz	QPSK	132572	50RB#0	23.36	PASS
Band66	20MHz	QPSK	132572	50RB#25	23.04	PASS
Band66	20MHz	QPSK	132572	50RB#50	22.51	PASS
Band66	20MHz	QPSK	132572	100RB#0	22.87	PASS
Band66	20MHz	16QAM	132572	1RB#0	23.41	PASS
Band66	20MHz	16QAM	132572	1RB#49	22.96	PASS
Band66	20MHz	16QAM	132572	1RB#99	22.30	PASS

E.2 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	4.88	13	PASS
Band66	1.4MHz	QPSK	131979	6RB#0	5.11	13	PASS
Band66	1.4MHz	16QAM	131979	1RB#0	5.42	13	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	5.90	13	PASS
Band66	1.4MHz	QPSK	132322	1RB#0	5.09	13	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	5.20	13	PASS
Band66	1.4MHz	16QAM	132322	1RB#0	5.94	13	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	5.88	13	PASS
Band66	1.4MHz	QPSK	132665	1RB#0	5.15	13	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	5.10	13	PASS
Band66	1.4MHz	16QAM	132665	1RB#0	5.91	13	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	6.09	13	PASS
Band66	3MHz	QPSK	131987	1RB#0	4.86	13	PASS
Band66	3MHz	QPSK	131987	15RB#0	5.24	13	PASS
Band66	3MHz	16QAM	131987	1RB#0	5.51	13	PASS
Band66	3MHz	16QAM	131987	15RB#0	6.02	13	PASS
Band66	3MHz	QPSK	132322	1RB#0	5.05	13	PASS
Band66	3MHz	QPSK	132322	15RB#0	5.23	13	PASS
Band66	3MHz	16QAM	132322	1RB#0	5.86	13	PASS
Band66	3MHz	16QAM	132322	15RB#0	6.11	13	PASS
Band66	3MHz	QPSK	132657	1RB#0	5.30	13	PASS
Band66	3MHz	QPSK	132657	15RB#0	5.32	13	PASS
Band66	3MHz	16QAM	132657	1RB#0	6.21	13	PASS
Band66	3MHz	16QAM	132657	15RB#0	6.11	13	PASS
Band66	5MHz	QPSK	131997	1RB#0	5.20	13	PASS
Band66	5MHz	QPSK	131997	25RB#0	5.52	13	PASS
Band66	5MHz	16QAM	131997	1RB#0	5.72	13	PASS
Band66	5MHz	16QAM	131997	25RB#0	6.22	13	PASS
Band66	5MHz	QPSK	132322	1RB#0	5.65	13	PASS
Band66	5MHz	QPSK	132322	25RB#0	5.59	13	PASS
Band66	5MHz	16QAM	132322	1RB#0	5.93	13	PASS
Band66	5MHz	16QAM	132322	25RB#0	6.24	13	PASS
Band66	5MHz	QPSK	132647	1RB#0	5.45	13	PASS
Band66	5MHz	QPSK	132647	25RB#0	5.51	13	PASS

Band66	5MHz	16QAM	132647	1RB#0	5.96	13	PASS
Band66	5MHz	16QAM	132647	25RB#0	6.24	13	PASS
Band66	10MHz	QPSK	132022	1RB#0	5.10	13	PASS
Band66	10MHz	QPSK	132022	50RB#0	5.43	13	PASS
Band66	10MHz	16QAM	132022	1RB#0	6.00	13	PASS
Band66	10MHz	QPSK	132322	1RB#0	5.13	13	PASS
Band66	10MHz	QPSK	132322	50RB#0	5.62	13	PASS
Band66	10MHz	16QAM	132322	1RB#0	5.87	13	PASS
Band66	10MHz	QPSK	132622	1RB#0	5.36	13	PASS
Band66	10MHz	QPSK	132622	50RB#0	5.55	13	PASS
Band66	10MHz	16QAM	132622	1RB#0	6.22	13	PASS
Band66	15MHz	QPSK	132047	1RB#0	4.83	13	PASS
Band66	15MHz	QPSK	132047	75RB#0	5.61	13	PASS
Band66	15MHz	16QAM	132047	1RB#0	5.53	13	PASS
Band66	15MHz	QPSK	132322	1RB#0	5.02	13	PASS
Band66	15MHz	QPSK	132322	75RB#0	5.90	13	PASS
Band66	15MHz	16QAM	132322	1RB#0	5.90	13	PASS
Band66	15MHz	QPSK	132597	1RB#0	5.03	13	PASS
Band66	15MHz	QPSK	132597	75RB#0	5.95	13	PASS
Band66	15MHz	16QAM	132597	1RB#0	5.92	13	PASS
Band66	20MHz	QPSK	132072	1RB#0	4.94	13	PASS
Band66	20MHz	QPSK	132072	100RB#0	5.28	13	PASS
Band66	20MHz	QPSK	132322	1RB#0	5.50	13	PASS
Band66	20MHz	QPSK	132322	100RB#0	5.58	13	PASS
Band66	20MHz	QPSK	132572	1RB#0	5.07	13	PASS
Band66	20MHz	QPSK	132572	100RB#0	5.63	13	PASS

Test Graphs















































