

Band4	5MHz	QPSK	20175	6	0	Low	NV	40	3.80	0.002193	±2.5	PASS
Band4	5MHz	QPSK	20175	6	0	Low	NV	50	4.10	0.002367	±2.5	PASS
Band4	10MHz	QPSK	20175	6	0	Low	NV	-30	2.00	0.001154	±2.5	PASS
Band4	10MHz	QPSK	20175	6	0	Low	NV	-20	1.70	0.000981	±2.5	PASS
Band4	10MHz	QPSK	20175	6	0	Low	NV	-10	2.70	0.001558	±2.5	PASS
Band4	10MHz	QPSK	20175	6	0	Low	NV	0	3.00	0.001732	±2.5	PASS
Band4	10MHz	QPSK	20175	6	0	Low	NV	10	4.20	0.002424	±2.5	PASS
Band4	10MHz	QPSK	20175	6	0	Low	NV	20	3.20	0.001847	±2.5	PASS
Band4	10MHz	QPSK	20175	6	0	Low	NV	30	4.20	0.002424	±2.5	PASS
Band4	10MHz	QPSK	20175	6	0	Low	NV	40	2.80	0.001616	±2.5	PASS
Band4	10MHz	QPSK	20175	6	0	Low	NV	50	4.60	0.002655	±2.5	PASS
Band4	15MHz	QPSK	20175	6	0	Low	NV	-30	4.80	0.002771	±2.5	PASS
Band4	15MHz	QPSK	20175	6	0	Low	NV	-20	4.70	0.002713	±2.5	PASS
Band4	15MHz	QPSK	20175	6	0	Low	NV	-10	4.00	0.002309	±2.5	PASS
Band4	15MHz	QPSK	20175	6	0	Low	NV	0	3.00	0.001732	±2.5	PASS
Band4	15MHz	QPSK	20175	6	0	Low	NV	10	2.90	0.001674	±2.5	PASS
Band4	15MHz	QPSK	20175	6	0	Low	NV	20	3.90	0.002251	±2.5	PASS
Band4	15MHz	QPSK	20175	6	0	Low	NV	30	4.10	0.002367	±2.5	PASS
Band4	15MHz	QPSK	20175	6	0	Low	NV	40	3.60	0.002078	±2.5	PASS
Band4	15MHz	QPSK	20175	6	0	Low	NV	50	3.40	0.001962	±2.5	PASS
Band4	20MHz	QPSK	20175	6	0	Low	NV	-30	5.10	0.002944	±2.5	PASS
Band4	20MHz	QPSK	20175	6	0	Low	NV	-20	2.00	0.001154	±2.5	PASS
Band4	20MHz	QPSK	20175	6	0	Low	NV	-10	2.80	0.001616	±2.5	PASS
Band4	20MHz	QPSK	20175	6	0	Low	NV	0	2.90	0.001674	±2.5	PASS
Band4	20MHz	QPSK	20175	6	0	Low	NV	10	4.60	0.002655	±2.5	PASS
Band4	20MHz	QPSK	20175	6	0	Low	NV	20	3.30	0.001905	±2.5	PASS
Band4	20MHz	QPSK	20175	6	0	Low	NV	30	3.30	0.001905	±2.5	PASS
Band4	20MHz	QPSK	20175	6	0	Low	NV	40	1.50	0.000866	±2.5	PASS
Band4	20MHz	QPSK	20175	6	0	Low	NV	50	2.90	0.001674	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6	0	Low	NV	-30	-4.10	-0.004901	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6	0	Low	NV	-20	-5.10	-0.006097	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6	0	Low	NV	-10	-5.50	-0.006575	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6	0	Low	NV	0	-5.20	-0.006216	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6	0	Low	NV	10	-6.80	-0.008129	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6	0	Low	NV	20	-5.30	-0.006336	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6	0	Low	NV	30	-4.20	-0.005021	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6	0	Low	NV	40	-6.60	-0.007890	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6	0	Low	NV	50	-5.10	-0.006097	±2.5	PASS
Band5	3MHz	QPSK	20525	6	0	Low	NV	-30	-3.70	-0.004423	±2.5	PASS
Band5	3MHz	QPSK	20525	6	0	Low	NV	-20	-4.80	-0.005738	±2.5	PASS
Band5	3MHz	QPSK	20525	6	0	Low	NV	-10	-4.20	-0.005021	±2.5	PASS

Band5	3MHz	QPSK	20525	6	0	Low	NV	0	-5.00	-0.005977	±2.5	PASS
Band5	3MHz	QPSK	20525	6	0	Low	NV	10	-5.80	-0.006934	±2.5	PASS
Band5	3MHz	QPSK	20525	6	0	Low	NV	20	-6.00	-0.007173	±2.5	PASS
Band5	3MHz	QPSK	20525	6	0	Low	NV	30	-6.00	-0.007173	±2.5	PASS
Band5	3MHz	QPSK	20525	6	0	Low	NV	40	-5.50	-0.006575	±2.5	PASS
Band5	3MHz	QPSK	20525	6	0	Low	NV	50	-5.80	-0.006934	±2.5	PASS
Band5	5MHz	QPSK	20525	6	0	Low	NV	-30	-4.60	-0.005499	±2.5	PASS
Band5	5MHz	QPSK	20525	6	0	Low	NV	-20	-4.80	-0.005738	±2.5	PASS
Band5	5MHz	QPSK	20525	6	0	Low	NV	-10	-5.00	-0.005977	±2.5	PASS
Band5	5MHz	QPSK	20525	6	0	Low	NV	0	-5.10	-0.006097	±2.5	PASS
Band5	5MHz	QPSK	20525	6	0	Low	NV	10	-6.10	-0.007292	±2.5	PASS
Band5	5MHz	QPSK	20525	6	0	Low	NV	20	-4.20	-0.005021	±2.5	PASS
Band5	5MHz	QPSK	20525	6	0	Low	NV	30	-5.30	-0.006336	±2.5	PASS
Band5	5MHz	QPSK	20525	6	0	Low	NV	40	-5.20	-0.006216	±2.5	PASS
Band5	5MHz	QPSK	20525	6	0	Low	NV	50	-4.90	-0.005858	±2.5	PASS
Band5	10MHz	QPSK	20525	6	0	Low	NV	-30	-5.70	-0.006814	±2.5	PASS
Band5	10MHz	QPSK	20525	6	0	Low	NV	-20	-6.90	-0.008249	±2.5	PASS
Band5	10MHz	QPSK	20525	6	0	Low	NV	-10	-6.10	-0.007292	±2.5	PASS
Band5	10MHz	QPSK	20525	6	0	Low	NV	0	-6.10	-0.007292	±2.5	PASS
Band5	10MHz	QPSK	20525	6	0	Low	NV	10	-5.70	-0.006814	±2.5	PASS
Band5	10MHz	QPSK	20525	6	0	Low	NV	20	-5.40	-0.006455	±2.5	PASS
Band5	10MHz	QPSK	20525	6	0	Low	NV	30	-5.70	-0.006814	±2.5	PASS
Band5	10MHz	QPSK	20525	6	0	Low	NV	40	-7.50	-0.008966	±2.5	PASS
Band5	10MHz	QPSK	20525	6	0	Low	NV	50	-6.50	-0.007770	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6	0	Low	NV	-30	-3.70	-0.005230	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6	0	Low	NV	-20	-5.40	-0.007633	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6	0	Low	NV	-10	-3.40	-0.004806	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6	0	Low	NV	0	-4.70	-0.006643	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6	0	Low	NV	10	-4.20	-0.005936	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6	0	Low	NV	20	-4.10	-0.005795	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6	0	Low	NV	30	-4.30	-0.006078	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6	0	Low	NV	40	-4.40	-0.006219	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6	0	Low	NV	50	-2.50	-0.003534	±2.5	PASS
Band12	3MHz	QPSK	23095	6	0	Low	NV	-30	-3.70	-0.005230	±2.5	PASS
Band12	3MHz	QPSK	23095	6	0	Low	NV	-20	-3.10	-0.004382	±2.5	PASS
Band12	3MHz	QPSK	23095	6	0	Low	NV	-10	-5.30	-0.007491	±2.5	PASS
Band12	3MHz	QPSK	23095	6	0	Low	NV	0	-5.10	-0.007208	±2.5	PASS
Band12	3MHz	QPSK	23095	6	0	Low	NV	10	-3.80	-0.005371	±2.5	PASS
Band12	3MHz	QPSK	23095	6	0	Low	NV	20	-4.20	-0.005936	±2.5	PASS
Band12	3MHz	QPSK	23095	6	0	Low	NV	30	-4.10	-0.005795	±2.5	PASS
Band12	3MHz	QPSK	23095	6	0	Low	NV	40	-4.40	-0.006219	±2.5	PASS

Band12	3MHz	QPSK	23095	6	0	Low	NV	50	-4.40	-0.006219	±2.5	PASS
Band12	5MHz	QPSK	23095	6	0	Low	NV	-30	-3.50	-0.004947	±2.5	PASS
Band12	5MHz	QPSK	23095	6	0	Low	NV	-20	-4.40	-0.006219	±2.5	PASS
Band12	5MHz	QPSK	23095	6	0	Low	NV	-10	-3.60	-0.005088	±2.5	PASS
Band12	5MHz	QPSK	23095	6	0	Low	NV	0	-3.40	-0.004806	±2.5	PASS
Band12	5MHz	QPSK	23095	6	0	Low	NV	10	-4.50	-0.006360	±2.5	PASS
Band12	5MHz	QPSK	23095	6	0	Low	NV	20	-3.70	-0.005230	±2.5	PASS
Band12	5MHz	QPSK	23095	6	0	Low	NV	30	-3.30	-0.004664	±2.5	PASS
Band12	5MHz	QPSK	23095	6	0	Low	NV	40	-3.20	-0.004523	±2.5	PASS
Band12	5MHz	QPSK	23095	6	0	Low	NV	50	-3.50	-0.004947	±2.5	PASS
Band12	10MHz	QPSK	23095	6	0	Low	NV	-30	-3.80	-0.005371	±2.5	PASS
Band12	10MHz	QPSK	23095	6	0	Low	NV	-20	-4.80	-0.006784	±2.5	PASS
Band12	10MHz	QPSK	23095	6	0	Low	NV	-10	-4.40	-0.006219	±2.5	PASS
Band12	10MHz	QPSK	23095	6	0	Low	NV	0	-3.70	-0.005230	±2.5	PASS
Band12	10MHz	QPSK	23095	6	0	Low	NV	10	-5.00	-0.007067	±2.5	PASS
Band12	10MHz	QPSK	23095	6	0	Low	NV	20	-4.40	-0.006219	±2.5	PASS
Band12	10MHz	QPSK	23095	6	0	Low	NV	30	-4.80	-0.006784	±2.5	PASS
Band12	10MHz	QPSK	23095	6	0	Low	NV	40	-5.50	-0.007774	±2.5	PASS
Band12	10MHz	QPSK	23095	6	0	Low	NV	50	-5.80	-0.008198	±2.5	PASS
Band13	5MHz	QPSK	23230	6	0	Low	NV	-30	-3.10	-0.003964	±2.5	PASS
Band13	5MHz	QPSK	23230	6	0	Low	NV	-20	-4.80	-0.006138	±2.5	PASS
Band13	5MHz	QPSK	23230	6	0	Low	NV	-10	-3.80	-0.004859	±2.5	PASS
Band13	5MHz	QPSK	23230	6	0	Low	NV	0	-4.10	-0.005243	±2.5	PASS
Band13	5MHz	QPSK	23230	6	0	Low	NV	10	-4.90	-0.006266	±2.5	PASS
Band13	5MHz	QPSK	23230	6	0	Low	NV	20	-3.60	-0.004604	±2.5	PASS
Band13	5MHz	QPSK	23230	6	0	Low	NV	30	-4.30	-0.005499	±2.5	PASS
Band13	5MHz	QPSK	23230	6	0	Low	NV	40	-3.20	-0.004092	±2.5	PASS
Band13	5MHz	QPSK	23230	6	0	Low	NV	50	-3.00	-0.003836	±2.5	PASS
Band13	10MHz	QPSK	23230	6	0	Low	NV	-30	-5.70	-0.007289	±2.5	PASS
Band13	10MHz	QPSK	23230	6	0	Low	NV	-20	-5.50	-0.007033	±2.5	PASS
Band13	10MHz	QPSK	23230	6	0	Low	NV	-10	-5.20	-0.006650	±2.5	PASS
Band13	10MHz	QPSK	23230	6	0	Low	NV	0	-5.20	-0.006650	±2.5	PASS
Band13	10MHz	QPSK	23230	6	0	Low	NV	10	-5.50	-0.007033	±2.5	PASS
Band13	10MHz	QPSK	23230	6	0	Low	NV	20	-5.20	-0.006650	±2.5	PASS
Band13	10MHz	QPSK	23230	6	0	Low	NV	30	-4.90	-0.006266	±2.5	PASS
Band13	10MHz	QPSK	23230	6	0	Low	NV	40	-4.70	-0.006010	±2.5	PASS
Band13	10MHz	QPSK	23230	6	0	Low	NV	50	-5.20	-0.006650	±2.5	PASS

APPENDIX B. TEST RESULTS OF RADIATED TEST

– UE category M1

Radiated Spurious Emission

Test Result

Band	Ch.	Mode	Frequency (MHz)	Ant. (H/V)	Tx Ant. End (dBm)	Preamp (dB)	Atten	ERP / EIRP (dBm)	Limit (dBm)	Verdict
LTE band 2	MCH	QPSK	3760	H	-9.46	38.5	4.6	-43.36	-13	PASS
LTE band 4	MCH	QPSK	3465	H	-7.81	39	4.1	-42.71	-13	PASS
LTE band 5	MCH	QPSK	1673	H	20.56	40.6	0.9	-19.14	-13	PASS
LTE band 12	MCH	QPSK	1415	H	-20.87	40.6	0.9	-60.57	-13	PASS
LTE band 13	MCH	QPSK	1564	H	-19.87	40.6	0.9	-59.57	-13	PASS

Note: Pre-scanned harmonic for RSE testing, we choice worse case of antenna combination to full test. Both of Vertical and Horizontal polarization are evaluated, and only the worst case is recorded in this report.