

Freq band (MHz)	PPEAK (dBm)	POUT-AVG (dBm)	VDS (V)	Gain (dB)	Drain efficiency (%)	Type	Main transistor	Peak transistor
2620 - 2690	55	47.5	30	15.7	43.5	ASYM	BLF7G27LS-100	BLF7G27LS-140
2620 - 2690	56.2	48	32	15.2	39.1	SYM	BLF8G27LS-140V	BLF8G27LS-140V
2496 - 2690	55.3	47	28	13.6	41.5	ASYM	BLF8G27LS-100GV	BLF8G27LS-150GV
<b>3300 - 3800 MHz (TDD-LTE)</b>								
3400 - 3700	52	44.5	28	12.5	35	SYM	BLF8G38LS-75V	BLF8G38LS-75V
3500 - 3700	52	45	28	10	30	ASYM	BLF6G38LS-50	BLF6G38LS-100
3400 - 3600	51	43	28	11.5	32	SYM	BLF6G38-50	BLF6G38-50
3400 - 3600	46	39	28	12.3	36	SYM	BLF6G38S-10G	BLF6G38S-10G

### 3.6.1.9 Single Package Asymmetric Doherty (PAD) power transistors

Type number	Product	f <sub>min</sub> (MHz)	f <sub>max</sub> (MHz)	P1dB (W)	Test signal performance				
					VDS (V)	η <sub>D</sub> (%)	G <sub>p</sub> (dB)	Test signal	Package version
BLM7G1822S-40AB(G)*	MMIC	1805	2170	40	28	26.5	31.5	1-c WCDMA	SOT1211
BLM8G0710S-45AB(G)*		700	1000	45	28	27	35	1-c WCDMA	SOT1212
BLM7G1822S-80AB(G)*		1805	2170	80	28	24	28.3	1-c WCDMA	SOT1212
BLC8G27LS-100AV		2496	2690	100	28	44	15.5	1-c WCDMA	SOT1275
BLC8G27LS-140AV		2496	2690	140	28	43	14.5	1-c WCDMA	SOT1275
BLC9G27LS-150AV		2496	2690	150	28	44	15	1-c WCDMA	SOT1275
BLC9G20LS-360AV*		1800	2000	158	28	52	15	1-c WCDMA	SOT1258
BLC8G21LS-160AV		1805	2025	160	28	45	15	1-c WCDMA	SOT1275
BLC8G27LS-160AV		2496	2690	160	28	41	14.3	1-c WCDMA	SOT1275
BLP8G21S-162AV*		1880	2025	160	28	43	16	2-c WCDMA	SOT1221
BLC9G24LS-170AV*	Final	2300	2400	170	28	48	15.5	1-c WCDMA	SOT1275
BLC8G27LS-180AV		2496	2690	180	28	43.5	14	1-c WCDMA	SOT1275
BLC8G24LS-241AV*		2300	2400	240	28	44	15	1-c WCDMA	SOT1252
BLC8G24LS-240AV		2300	2400	240	28	44	15	1-c WCDMA	SOT1252
BLC8G27LS-240AV*		2500	2700	240	28	45	15.5	1-c WCDMA	SOT1252
BLF8G20LS-260A		1805	1880	260	28	45.5	15.9	2-c WCDMA	SOT539B
BLC9G20LS-470AV*		1800	2000	263	28	49	16	1-c WCDMA	SOT1258
BLC9G24LS-440AV*		2300	2400	440	28	46	14.5	1-c WCDMA	SOT1258
BLC8G22LS-450AV*		2110	2170	450	28	41	14	1-c WCDMA	SOT1258

### 3.6.1.10 OMP power transistors

Type number	Product	f <sub>min</sub> (MHz)	f <sub>max</sub> (MHz)	P1dB (W)	Test signal performance				
					VDS (V)	η <sub>D</sub> (%)	G <sub>p</sub> (dB)	Test signal	Package version
BLP7G22-05	Driver/final	700	2700	5	28	23	16	2-c WCDMA	SOT1179
BLP8G27-5*		700	2700	5	28	19	17	2-c WCDMA	SOT1371
BLP7G22-10		700	2700	10	28	25	17.4	2-c WCDMA	SOT1179
BLP8G27-10*		700	2700	10	28	19	17	2-c WCDMA	SOT1371
BLP8G10S-45P(G)		700	1000	45	28	19.8	20.8	2-c WCDMA	SOT1224
BLP8G20S-80P		1800	2200	80	28	33	17.5	2-c WCDMA	SOT1223
BLP7G07S-140P		700	1000	140	28	29.6	20.9	2-c WCDMA	SOT1223
BLP8G21S-160PV		1880	2025	160	28	31	17.5	2-c WCDMA	SOT1221
BLP8G21S-162AV*	1880	2025	160	28	43	16	2-c WCDMA	SOT1221	

### 3.6.1.11 MMIC power transistors

Type number	Product	f <sub>min</sub> (MHz)	f <sub>max</sub> (MHz)	P1dB (W)	Test signal performance				
					VDS (V)	η <sub>D</sub> (%)	G <sub>p</sub> (dB)	Test signal	Package version
BLM8G0710S-15PB(G)*	MMIC	700	1000	15	28	27	35	1-c WCDMA	SOT1212
BLM7G1822S-20PB(G)		1805	2170	20	28	23.6	32.2	1-c WCDMA	SOT1212
BLM6G10-30		860	960	30	28	11.5	29	2-c WCDMA	SOT834
BLM6G22-30(G)		2100	2200	30	28	9	29.5	2-c WCDMA	SOT822
BLM7G24S-30BG		2100	2400	30	28	11.3	31.5	2-c WCDMA	SOT1212
BLM8G0710S-30PB(G)		700	1000	30	28	27	35	1-c WCDMA	SOT1212
BLM7G1822S-40AB(G)*		1805	2170	40	28	26.5	31.5	1-c WCDMA	SOT1211
BLM7G1822S-40PB(G)		1805	2170	40	28	24.5	31.5	1-c WCDMA	SOT1212
BLM8G0710S-45AB(G)*		700	1000	45	28	27	35	1-c WCDMA	SOT1212
BLM7G22S-60PB(G)		2100	2200	60	28	11.3	31.5	2-c WCDMA	SOT1212
BLM7G1822S-80AB(G)		1805	2170	80	28	24	28.3	1-c WCDMA	SOT1212
BLM7G1822S-80PB(G)*		1805	2170	80	28	24	28.3	1-c WCDMA	SOT1211

\* Check status in section 3.1, as this type is not yet released for mass production