

■ FCC ID: A3LSMA146M

■ Antenna Manufacturer

- Main Ant : Kyocera / SUB Ant : Kespion

MAIN2 LTE B2, NR N2, PCS 1900, W2	1	2
Frequency(MHz)	1880	1960
Efficiency(dB)	-4	-3.6
Efficiency(%)	39	43.4
Peak Gain(dBi)	-3.8	-3.2

MAIN2 LTE B4, W4	1	2
Frequency(MHz)	1747.5	1842.5
Efficiency(dB)	-4.6	-4.2
Efficiency(%)	34.8	37.8
Peak Gain(dBi)	-4.5	-3.9

MAIN1 B1, NR N1, W1	1	2
Frequency(MHz)	1920	1980
Efficiency(dB)	-3.5	-3.7
Efficiency(%)	44.9	42.9
Peak Gain(dBi)	-3.2	-3.2

MAIN1 B3, NR N3, DCS1800	1	2
Frequency(MHz)	1710	1785
Efficiency(dB)	-5.1	-4.7
Efficiency(%)	30.6	33.8
Peak Gain(dBi)	-4.5	-4.4

MAIN1 B28, NR N28	1	2
Frequency(MHz)	703	748
Efficiency(dB)	-7.9	-8.0
Efficiency(%)	16.4	15.8
Peak Gain(dBi)	-6.9	-7.1

MAIN1 LTE B5, NR N5, GSM 850, W5	1	2
Frequency(MHz)	836.5	881.5
Efficiency(dB)	-6.0	-7.5
Efficiency(%)	25.0	17.7
Peak Gain(dBi)	-5.5	-6.3

MAIN1 LTE B8, NR N8, W8, GSM900	1	2
Frequency(MHz)	880	915
Efficiency(dB)	-6.6	-6.1
Efficiency(%)	21.7	24.6
Peak Gain(dBi)	-6.1	-5.6

MAIN1 LTE B12, B13, B17	1	2
Frequency(MHz)	707.5	737.5
Efficiency(dB)	-7.6	-7.1
Efficiency(%)	17.4	19.6
Peak Gain(dBi)	-6.6	-6.1

MAIN1 LTE B26, B20, NR N20	1	2
Frequency(MHz)	831.5	876.5
Efficiency(dB)	-6.2	-7.0
Efficiency(%)	30.7	20.2
Peak Gain(dBi)	-5.5	-6.4

MAIN2 LTE B66, NR N66	1	2
Frequency(MHz)	1745	2155
Efficiency(dB)	-5.1	-6
Efficiency(%)	30.6	25
Peak Gain(dBi)	-4.5	-5.6

MAIN2 LTE B7, NR N7	1	2
Frequency(MHz)	2535	2655
Efficiency(dB)	-4.8	-5.6
Efficiency(%)	32.9	27.6
Peak Gain(dBi)	-4.3	-5.7

MAIN2 LTE B38, B41 NR N38, N41	1	2
Frequency(MHz)	2595	
Efficiency(dB)	-5.7	
Efficiency(%)	27.2	
Peak Gain(dBi)	-4.8	

MAIN2 LTE B40, NR N40	1	2
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Frequency(MHz)	2350	
Efficiency(dB)	-4.5	
Efficiency(%)	35.6	
Peak Gain(dBi)	-4.2	

MAIN2 LTE N78	1	2
Frequency(MHz)	3300	3800
Efficiency(dB)	-6.4	-8.3
Efficiency(%)	22.9	14.7
Peak Gain(dBi)	-5.9	-7.3

MAIN3 LTE B2	1	2
Frequency(MHz)	1880	1960
Efficiency(dB)	-8.68	-9.4
Efficiency(%)	13.6	11.5
Peak Gain(dBi)	-8.12	-7.94

MAIN3 LTE B66	1	2
Frequency(MHz)	1745	2155
Efficiency(dB)	-6.54	-10.39
Efficiency(%)	22.2	9.1
Peak Gain(dBi)	-5.87	-9.04
