

FCC ID: A3LSMX818U
 Antenna Manufacturer: Samsung
 Type: Metal

Ant	Band	Freq.	EFF	AVG(dBi)	Peak(dBi)
		(MHz)			
M1	B71 N71	617	17.8	-7.5	-5.4
		634	23.4	-6.3	-3.8
		652	28.2	-5.5	-4.0
		663	26.9	-5.7	-3.5
		680	21.9	-6.6	-4.6
		698	24.0	-6.2	-3.9
	B17, B12 N12	699	32.4	-4.9	-2.8
		707	31.6	-5.0	-3.1
		716	38.0	-4.2	-2.0
		729	38.9	-4.1	-1.8
		737	36.3	-4.4	-2.3
	B13, B14	746	31.6	-5.0	-3.5
		746	33.9	-4.7	-2.7
		751	37.2	-4.3	-2.0
		756	38.9	-4.1	-2.2
		777	39.8	-4.0	-2.5
	G580 W5 B5, B26 N5, N26	782	41.7	-3.8	-2.1
		787	38.0	-4.2	-2.5
		814	40.7	-3.9	-1.6
		831	38.9	-4.1	-2.3
		849	39.8	-4.0	-2.0
	WB4 B4, B66 N66	859	38.9	-4.1	-2.2
		876	35.5	-4.5	-2.6
		894	33.9	-4.7	-2.4
		1710	41.7	-3.8	-2.2
		1745	36.3	-4.4	-2.0
	G1900 WB2 B2, B25 N2, N25	1780	38.0	-4.2	-1.9
		2110	41.7	-3.8	-2.1
		2155	45.7	-3.4	-1.2
		2200	45.7	-3.4	-0.9
		1850	42.7	-3.7	-1.5
	B30, B40 N30, N40	1880	41.7	-3.8	-1.5
		1915	39.8	-4.0	-2.2
		1930	38.9	-4.1	-1.8
		1960	37.2	-4.3	-2.8
		1995	36.3	-4.4	-2.9
	B7, B41, B38 N41, B38	2300	34.7	-4.6	-3.0
		2320	35.5	-4.5	-2.3
		2340	33.1	-4.8	-3.0
		2360	33.9	-4.7	-2.5
2380		31.6	-5.0	-3.0	
B48 N78, N77	2400	31.6	-5.0	-3.4	
	2500	35.5	-4.5	-2.5	
	2540	33.1	-4.8	-2.3	
	2580	36.3	-4.4	-2.0	
	2620	36.3	-4.4	-2.3	
M2	B48 N78, N77	2660	38.0	-4.2	-2.3
		2700	37.2	-4.3	-2.5
		3300	26.3	-5.8	-4.2
		3480	28.8	-5.4	-3.0
		3660	33.1	-4.8	-3.2
		3840	34.7	-4.6	-2.9
		4020	37.2	-4.3	-2.7
		4200	37.2	-4.3	-2.3

Ant	Band	Freq.	EFF	AVG(dBi)	Peak(dBi)	
		(MHz)				
Sub2	B4, B66 N66	1710	43.8	-3.6	-1.2	
		1732	49.8	-3.0	-0.7	
		1755	39.9	-4.0	-2.5	
	B2, B25	1852	41.2	-3.9	-1.9	
		1880	34.0	-4.7	-2.5	
		1907	33.0	-4.8	-2.4	
	B30, B40 N40	2300	14.7	-8.3	-6.1	
		2350	19.5	-7.1	-5.3	
		2400	19.9	-7.0	-5.0	
	B7, B41, B38 N41, B38	2500	24.2	-6.2	-4.1	
		2550	24.8	-6.1	-4.1	
		2600	24.5	-6.1	-4.6	
		2650	26.2	-5.8	-4.2	
	N77	2700	28.3	-5.5	-3.9	
		3300	36.6	-4.4	-2.8	
		3480	34.0	-4.7	-2.2	
		3660	25.7	-5.9	-3.5	
		3840	29.6	-5.3	-3.6	
			4020	40.6	-3.9	-2.3
			4200	37.8	-4.2	-1.9