# 3.2.11 OTA Passive Efficiency&Gain Test--B13--diversity:

Error.	Btt:	Ett:	Coin	Dane	Dtt:	Dtt:	Coin
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)	Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
740	21.26	-6.72	-2.9	1910	23, 44	-6.3	-1, 27
750	22. 11	-6. 55	-3. 24	1920	23. 44	-6.38	-1.37
760	21.82	-6.61	-2.85	1930	22. 91	-6.4	-1.42
770	20. 22	-6.94	-3. 45	1940	23. 2	-6.35	-1.56
780	22. 68	-6. 44	-2.56	1950	22. 71	-6.44	-1.4
790	22.7	-6.44	-3.55	1960	22. 2	-6.54	-1.4
800	24. 29	-6.15	-2.7	1970	23.54	-6.28	-0.8
810	20.44	-6.9	-3.69	1980	24.02	-6.19	-0.65
				1990	22.96	-6.39	-0.57
1700	28. 57	-5. 44	-1.86	2000	22. 31	-6.51	-0.61
1710	25. 88	-5.87	-2.56	2010	22.8	-6.42	-0.86
1720	23. 95	-6. 21	-2. 98	2020	23.96	-6.21	-0.79
1730	23.16	-6.35	-3.17	2030	23. 21	-6.34	-0.73
1740	22.34	-6.51	-3.24	2040	22. 26	-6.52	-0.82
1750	20.86	-6.81	-3.49	2050	22.65	-6.45	-0.63
1760	20.79	-6.82	-3.51	2060	22.13	-6.55	-0.63
1770 1780	21.93 22.98	-6.59 -6.39	-2.84 -2.46	2070 2080	21.68 21.57	-6.64 -6.66	-0.61 -0.48
1790	22. 49	-6.48	-2. 2	2090	21.65	-6.64	-0.36
1800	22. 45	-6. 41	-2	2100	22	-6.58	-0.24
1810	24.36	-6.13	-1.46	2110	21.46	-6.68	-0.39
1820	24. 9	-6.04	-1.19	2120	21.59	-6.66	-0.44
1830	24. 52	-6.11	-1.19	2130	22. 52	-6.47	-0.34
1840	24. 74	-6.07	-1.07	2140	23. 3	-6.33	-0.3
1850	25.15	-5. 99	-0.99	2150	24. 52	-6.11	-0.14
1860	25.63	-5. 91	-0.96	2160	26.38	-5.79	0.12
1870	25.09	-6	-1.1	2170	28.01	-5.53	0.39
1880	24.69	-6.08	-1.15	2180	29.38	-5.32	0.57
1890	24. 91	-6.04	-1.1	2190	29.76	-5. 26	0.76
1900	24. 33	-6.14	-1.2	2200	30.26	-5.19	0.86
Freq	Effi	Effi	Gain	Freq	Effi	Effi	Gain
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)	Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
(MHz) 2210	100000000000000000000000000000000000000	Manager and a	500000000000000000000000000000000000000	100000000000000000000000000000000000000	100000000000000000000000000000000000000	300000000000000000000000000000000000000	100000000000000000000000000000000000000
(MHz) 2210 2220	(%) 31.14 31	(dB) -5.07 -5.09	(dBi) 1.01 1.14	(MHz) 2510 2520	(%) 32.24 32.12	(dB) -4. 92 -4. 93	(dBi) 1.01 1.07
(MHz) 2210 2220 2230	(%) 31.14 31 32.07	(dB) -5.07 -5.09 -4.94	(dBi) 1.01 1.14 1.41	2510 2520 2530	(%) 32. 24 32. 12 31. 41	(dB) -4. 92 -4. 93 -5. 03	(dBi) 1.01 1.07 0.96
(MHz) 2210 2220 2230 2240	(%) 31.14 31 32.07 32.71	(dB) -5.07 -5.09 -4.94 -4.85	(dBi) 1.01 1.14 1.41 1.6	(MHz) 2510 2520 2530 2540	(%) 32. 24 32. 12 31. 41 31. 16	(dB) -4. 92 -4. 93 -5. 03 -5. 06	(dBi) 1.01 1.07 0.96
(MHz) 2210 2220 2230 2240 2250	(%) 31.14 31 32.07 32.71 33.55	(dB) -5.07 -5.09 -4.94 -4.85 -4.74	(dBi) 1.01 1.14 1.41 1.6 1.66	(MHz) 2510 2520 2530 2540 2550	(%) 32. 24 32. 12 31. 41 31. 16 30. 75	(dB) -4. 92 -4. 93 -5. 03 -5. 06 -5. 12	(dBi) 1.01 1.07 0.96 1 0.88
(MHz) 2210 2220 2230 2240 2250 2260	(%) 31.14 31 32.07 32.71 33.55 34.28	(dB) -5.07 -5.09 -4.94 -4.85 -4.74 -4.65	(dBi) 1.01 1.14 1.41 1.6 1.66 1.76	(MHz) 2510 2520 2530 2540 2550 2560	(%) 32.24 32.12 31.41 31.16 30.75 30.06	(dB) -4.92 -4.93 -5.03 -5.06 -5.12 -5.22	(dBi) 1.01 1.07 0.96 1 0.88 0.83
(MHz) 2210 2220 2230 2240 2250 2260 2270	(%) 31.14 31 32.07 32.71 33.55 34.28 34.64	(dB) -5. 07 -5. 09 -4. 94 -4. 85 -4. 74 -4. 65 -4. 6	(dBi) 1.01 1.14 1.41 1.6 1.66 1.76 1.67	2510 2520 2530 2540 2550 2560 2570	(%) 32.24 32.12 31.41 31.16 30.75 30.06 30.44	(dB) -4. 92 -4. 93 -5. 03 -5. 06 -5. 12 -5. 22 -5. 17	(dBi) 1.01 1.07 0.96 1 0.88 0.83 0.99
(MHz) 2210 2220 2230 2240 2250 2260 2270 2280	(%) 31.14 31 32.07 32.71 33.55 34.28	(dB) -5. 07 -5. 09 -4. 94 -4. 85 -4. 74 -4. 65 -4. 88	(dBi) 1.01 1.14 1.41 1.6 1.66 1.76 1.67	(MHz) 2510 2520 2530 2540 2550 2560	(%) 32.24 32.12 31.41 31.16 30.75 30.06	(dB) -4.92 -4.93 -5.03 -5.06 -5.12 -5.22	(dBi) 1.01 1.07 0.96 1 0.88 0.83 0.99 1.1
(MHz) 2210 2220 2230 2240 2250 2260 2270	(%) 31.14 31 32.07 32.71 33.55 34.28 34.64 32.53	(dB) -5. 07 -5. 09 -4. 94 -4. 85 -4. 74 -4. 65 -4. 6	(dBi) 1.01 1.14 1.41 1.6 1.66 1.76 1.67	2510 2520 2530 2540 2550 2560 2570 2580	(%) 32.24 32.12 31.41 31.16 30.75 30.06 30.44 30.72	(dB) -4. 92 -4. 93 -5. 03 -5. 06 -5. 12 -5. 22 -5. 17 -5. 13	(dBi) 1.01 1.07 0.96 1 0.88 0.83 0.99
2210 2220 2230 2240 2250 2260 2270 2280 2290	(%) 31.14 31 32.07 32.71 33.55 34.28 34.64 32.53 33.48	(dB) -5.07 -5.09 -4.94 -4.85 -4.74 -4.65 -4.6 -4.88 -4.75	(dBi) 1.01 1.14 1.41 1.6 1.66 1.76 1.67 1.67	(MHz) 2510 2520 2530 2540 2550 2560 2570 2580 2590	(%) 32. 24 32. 12 31. 41 31. 16 30. 75 30. 06 30. 44 30. 72 31. 63	(dB) -4. 92 -4. 93 -5. 03 -5. 06 -5. 12 -5. 22 -5. 17 -5. 13 -5	(dBi) 1.01 1.07 0.96 1 0.88 0.83 0.99 1.1 1.27
2210 2220 2230 2240 2250 2250 2260 2270 2280 2290 2300	(%) 31.14 31 32.07 32.71 33.55 34.28 34.64 32.53 33.48 33.6	(dB) -5.07 -5.09 -4.94 -4.85 -4.74 -4.65 -4.6 -4.88 -4.75 -4.74	(dBi) 1.01 1.14 1.41 1.6 1.66 1.76 1.67 1.72 1.67 1.57 1.71 1.69	(MHz) 2510 2520 2530 2540 2550 2560 2570 2580 2590 2600	(%)  32. 24  32. 12  31. 41  31. 16  30. 75  30. 06  30. 44  30. 72  31. 63  32. 34  32. 4  31. 6	(dB) -4. 92 -4. 93 -5. 03 -5. 06 -5. 12 -5. 22 -5. 17 -5. 13 -5 -4. 9 -4. 9 -5	(dBi) 1. 01 1. 07 0. 96 1 0. 88 0. 83 0. 99 1. 1 1. 27 1. 34 1. 55 1. 43
2210 2220 2230 2240 2250 2260 2270 2280 2290 2300 2310 2320 2330	(%) 31. 14 31 32. 07 32. 71 33. 55 34. 28 34. 64 32. 53 33. 48 33. 6 34. 04 34. 58	(dB) -5.07 -5.09 -4.94 -4.85 -4.74 -4.65 -4.6 -4.88 -4.75 -4.74 -4.68 -4.61 -4.53	(dBi) 1.01 1.14 1.41 1.66 1.66 1.76 1.67 1.72 1.67 1.57 1.71 1.69 1.73	(MHz) 2510 2520 2530 2540 2550 2560 2570 2580 2590 2600 2610 2620 2630	(%)  32. 24  32. 12  31. 41  31. 16  30. 75  30. 06  30. 44  30. 72  31. 63  32. 34  31. 6  31. 23	(dB) -4. 92 -4. 93 -5. 03 -5. 06 -5. 12 -5. 12 -5. 13 -5 -4. 9 -4. 9 -5. 05	(dBi) 1. 01 1. 07 0. 96 1. 0. 88 0. 83 0. 99 1. 1 1. 27 1. 34 1. 55 1. 43 1. 37
2210 2220 2230 2240 2250 2260 2270 2280 2290 2300 2310 2320 2330 2340	(%) 31.14 31 32.07 32.71 33.55 34.28 34.64 32.53 33.48 33.6 34.04 34.58 35.2	(dB) -5.07 -5.09 -4.94 -4.85 -4.74 -4.65 -4.75 -4.74 -4.68 -4.61 -4.53 -4.62	(dBi) 1.01 1.14 1.41 1.6 1.66 1.76 1.67 1.72 1.67 1.57 1.57 1.71 1.69 1.73 1.64	(MHz) 2510 2520 2530 2540 2550 2560 2570 2580 2590 2600 2610 2620 2630 2640	(%)  32. 24  32. 12  31. 41  31. 16  30. 75  30. 06  30. 44  30. 72  31. 63  32. 34  31. 6  31. 23  31. 5	(dB) -4. 92 -4. 93 -5. 03 -5. 06 -5. 12 -5. 12 -5. 13 -5 -4. 9 -4. 9 -5 -5. 05 -5. 02	(dBi) 1.01 1.07 0.96 1 0.88 0.83 0.99 1.1 1.27 1.34 1.55 1.43 1.37 1.31
2210 2220 2230 2240 2250 2260 2270 2280 2290 2300 2310 2320 2330 2340 2350	(%) 31.14 31 32.07 32.71 32.55 34.28 34.64 32.53 33.48 33.6 34.04 34.58 35.2 34.5	(dB) -5.07 -5.09 -4.94 -4.85 -4.74 -4.65 -4.88 -4.75 -4.61 -4.63 -4.61 -4.53 -4.67	(dBi) 1.01 1.14 1.41 1.6 1.66 1.76 1.67 1.72 1.67 1.57 1.71 1.69 1.73 1.64	(MHz) 2510 2520 2530 2540 2550 2560 2570 2580 2590 2600 2610 2620 2630 2640 2650	(%)  32. 24  32. 12  31. 41  31. 16  30. 75  30. 06  30. 44  30. 72  31. 63  32. 34  31. 6  31. 23  31. 5  30. 59	(dB) -4. 92 -4. 93 -5. 03 -5. 12 -5. 12 -5. 17 -5. 13 -5 -4. 9 -5 -5. 05 -5. 02 -5. 14	(dBi) 1. 01 1. 07 0. 96 1 0. 88 0. 83 0. 99 1. 1 1. 27 1. 34 1. 55 1. 43 1. 37 1. 31 1. 15
2210 2220 2230 2240 2250 2260 2270 2280 2300 2310 2320 2330 2340 2350 2360	(%) 31.14 31 32.07 32.71 33.55 34.28 34.64 32.53 33.48 33.6 34.04 34.58 35.2 34.5 34.08	(dB) -5.07 -5.09 -4.94 -4.85 -4.74 -4.65 -4.75 -4.74 -4.68 -4.61 -4.53 -4.62 -4.67 -4.64	(dBi) 1.01 1.14 1.41 1.6 1.66 1.76 1.67 1.72 1.67 1.57 1.71 1.69 1.73 1.64 1.58 1.66	(MHz) 2510 2520 2530 2540 2550 2560 2570 2580 2590 2610 2620 2630 2640 2650 2660	(%)  32. 24  32. 12  31. 41  31. 16  30. 75  30. 06  30. 44  30. 72  31. 63  32. 34  31. 6  31. 23  31. 5  30. 59  28. 47	(dB) -4. 92 -4. 93 -5. 03 -5. 06 -5. 12 -5. 22 -5. 17 -5. 13 -5 -4. 9 -4. 9 -5. 05 -5. 02 -5. 04	(dBi) 1. 01 1. 07 0. 96 1 0. 88 0. 83 0. 99 1. 1 1. 27 1. 34 1. 55 1. 43 1. 37 1. 31 1. 15 0. 77
2210 2220 2230 2240 2250 2250 2250 2260 2270 2280 2300 2310 2320 2330 2340 2350 2360 2370	(%) 31.14 31 32.07 32.71 33.55 34.28 34.64 32.53 33.48 33.6 34.04 34.58 35.2 34.5 34.08 34.34 33.8	(dB) -5.07 -5.09 -4.94 -4.85 -4.65 -4.6 -4.88 -4.75 -4.61 -4.63 -4.61 -4.53 -4.62 -4.64 -4.71	(dBi) 1.01 1.14 1.41 1.6 1.66 1.76 1.67 1.72 1.67 1.71 1.69 1.73 1.73 1.58 1.66 1.66	(MHz) 2510 2520 2530 2540 2550 2560 2570 2580 2590 2610 2620 2630 2640 2650 2660 2670	(%)  32. 24  32. 12  31. 41  31. 16  30. 75  30. 06  30. 44  30. 72  31. 63  32. 34  32. 4  31. 6  31. 23  31. 5  30. 59  28. 47  26. 48	(dB) -4. 92 -4. 93 -5. 03 -5. 06 -5. 12 -5. 22 -5. 17 -5. 13 -5 -4. 9 -4. 9 -5. 05 -5. 02 -5. 14 -5. 46 -5. 77	(dBi) 1. 01 1. 07 0. 96 1 0. 88 0. 83 0. 99 1. 1 1. 27 1. 34 1. 55 1. 43 1. 37 1. 31 1. 15 0. 77 0. 01
2210 2220 2230 2240 2250 2260 2270 2280 2290 2300 2310 2320 2330 2340 2350 2360 2370	(%) 31. 14 31 32. 07 32. 71 33. 55 34. 28 34. 64 32. 53 33. 48 33. 6 34. 04 34. 58 35. 2 34. 5 34. 08 34. 38 33. 6	(dB) -5.07 -5.09 -4.94 -4.85 -4.74 -4.65 -4.74 -4.68 -4.74 -4.68 -4.61 -4.53 -4.62 -4.67 -4.64	(dBi) 1.01 1.14 1.41 1.6 1.66 1.76 1.67 1.72 1.67 1.71 1.69 1.73 1.64 1.58	(MHz) 2510 2520 2530 2540 2550 2560 2570 2580 2590 2610 2620 2630 2640 2650 2650 2670 2680	(%)  32. 24  32. 12  31. 41  30. 75  30. 06  30. 44  30. 72  31. 63  31. 63  31. 5  30. 59  28. 47  26. 48  26. 13	(dB) -4. 92 -4. 93 -5. 03 -5. 06 -5. 12 -5. 22 -5. 17 -5. 13 -5 -4. 9 -4. 9 -5. 05 -5. 02 -5. 14 -5. 46 -5. 77 -5. 83	(dBi) 1. 01 1. 07 0. 96 1 0. 88 0. 83 0. 99 1. 1 1. 27 1. 34 1. 55 1. 43 1. 37 1. 31 1. 15 0. 77 0. 01 0. 01
2210 2220 2230 2240 2250 2250 2250 2260 2270 2280 2300 2310 2320 2330 2340 2350 2360 2370	(%) 31.14 31 32.07 32.71 33.55 34.28 34.64 32.53 33.48 33.6 34.04 34.58 35.2 34.5 34.08 34.34 33.8 33.67	(dB) -5.07 -5.09 -4.94 -4.85 -4.74 -4.65 -4.6 -4.88 -4.75 -4.74 -4.68 -4.61 -4.53 -4.62 -4.67 -4.71 -4.73	(dBi) 1.01 1.14 1.41 1.66 1.66 1.76 1.67 1.72 1.67 1.57 1.71 1.69 1.73 1.64 1.58 1.66 1.58 1.53	(MHz) 2510 2520 2530 2540 2550 2560 2570 2580 2590 2610 2620 2630 2640 2650 2660 2670	(%)  32. 24  32. 12  31. 41  31. 16  30. 75  30. 06  30. 44  30. 72  31. 63  32. 34  31. 6  31. 23  31. 5  30. 59  28. 47  26. 48  26. 13  24. 39	(dB) -4. 92 -4. 93 -5. 03 -5. 06 -5. 12 -5. 12 -5. 13 -5 -4. 9 -4. 9 -5. 05 -5. 02 -5. 14 -5. 46 -5. 77 -5. 83 -6. 13	(dBi) 1. 01 1. 07 0. 96 1 0. 88 0. 83 0. 99 1. 1 1. 27 1. 34 1. 55 1. 43 1. 37 1. 31 1. 15 0. 77 0. 01
2210 2220 2230 2240 2250 2260 2270 2280 2290 2290 2300 2310 2320 2330 2340 2350 2360 2370 2380 2380	(%) 31. 14 31 32. 07 32. 71 33. 55 34. 28 34. 64 32. 53 33. 48 33. 6 34. 04 34. 58 35. 2 34. 5 34. 08 34. 38 33. 6	(dB) -5.07 -5.09 -4.94 -4.85 -4.74 -4.65 -4.74 -4.68 -4.74 -4.68 -4.61 -4.53 -4.62 -4.67 -4.64	(dBi) 1.01 1.14 1.41 1.6 1.66 1.76 1.67 1.72 1.67 1.71 1.69 1.73 1.64 1.58	(MHz) 2510 2520 2530 2540 2550 2560 2570 2580 2590 2600 2610 2620 2630 2640 2650 2670 2680 2690	(%)  32. 24  32. 12  31. 41  30. 75  30. 06  30. 44  30. 72  31. 63  31. 63  31. 5  30. 59  28. 47  26. 48  26. 13	(dB) -4. 92 -4. 93 -5. 03 -5. 06 -5. 12 -5. 22 -5. 17 -5. 13 -5 -4. 9 -4. 9 -5. 05 -5. 02 -5. 14 -5. 46 -5. 77 -5. 83	(dBi) 1. 01 1. 07 0. 96 1. 0. 88 0. 83 0. 99 1. 1 1. 27 1. 34 1. 35 1. 43 1. 37 1. 31 1. 15 0. 77 0. 01 0. 01 -0. 44
2210 2220 2230 2240 2250 2260 2270 2280 2290 2300 2310 2320 2330 2340 2350 2360 2370 2380 2370 2380 2390 2400	(%) 31.14 31 32.07 32.71 33.55 34.28 34.64 32.53 33.48 33.6 34.04 34.58 35.2 34.5 34.08 34.34 33.8 33.67 32.03 31.99	(dB) -5.07 -5.09 -4.94 -4.85 -4.74 -4.65 -4.6 -4.88 -4.75 -4.74 -4.68 -4.61 -4.53 -4.62 -4.67 -4.64 -4.71 -4.73 -4.94	(dBi) 1.01 1.14 1.41 1.66 1.66 1.76 1.67 1.72 1.67 1.57 1.57 1.59 1.73 1.64 1.58 1.66 1.58 1.66 1.58 1.66	(MHz) 2510 2520 2530 2540 2550 2560 2570 2580 2590 2600 2610 2620 2630 2640 2650 2670 2680 2690	(%)  32. 24  32. 12  31. 41  31. 16  30. 75  30. 06  30. 44  30. 72  31. 63  32. 34  31. 6  31. 23  31. 5  30. 59  28. 47  26. 48  26. 13  24. 39	(dB) -4. 92 -4. 93 -5. 03 -5. 06 -5. 12 -5. 12 -5. 13 -5 -4. 9 -4. 9 -5. 05 -5. 02 -5. 14 -5. 46 -5. 77 -5. 83 -6. 13	(dBi) 1. 01 1. 07 0. 96 1. 0. 88 0. 83 0. 99 1. 1 1. 27 1. 34 1. 35 1. 43 1. 37 1. 31 1. 15 0. 77 0. 01 0. 01 -0. 44
2210 2220 2230 2240 2250 2260 2270 2280 2290 2310 2310 2320 2330 2340 2350 2360 2370 2380 2390 2400 2410	(%) 31.14 31 32.07 32.71 33.55 34.28 34.64 32.53 33.48 33.6 34.04 34.58 35.2 34.5 34.08 34.34 33.8 33.67 32.03 31.99 31.88 31.48 31.53	(dB) -5.07 -5.09 -4.94 -4.85 -4.74 -4.65 -4.88 -4.75 -4.74 -4.68 -4.61 -4.53 -4.62 -4.67 -4.64 -4.73 -4.94 -4.95 -4.96	(dBi) 1.01 1.14 1.41 1.6 1.66 1.76 1.67 1.72 1.67 1.57 1.71 1.69 1.73 1.64 1.58 1.66 1.66 1.58 1.58 1.58 1.58 1.59	(MHz) 2510 2520 2530 2540 2550 2560 2570 2580 2590 2600 2610 2620 2630 2640 2650 2670 2680 2690	(%)  32. 24  32. 12  31. 41  31. 16  30. 75  30. 06  30. 44  30. 72  31. 63  32. 34  31. 6  31. 23  31. 5  30. 59  28. 47  26. 48  26. 13  24. 39	(dB) -4. 92 -4. 93 -5. 03 -5. 06 -5. 12 -5. 12 -5. 13 -5 -4. 9 -4. 9 -5. 05 -5. 02 -5. 14 -5. 46 -5. 77 -5. 83 -6. 13	(dBi) 1. 01 1. 07 0. 96 1. 0. 88 0. 83 0. 99 1. 1 1. 27 1. 34 1. 35 1. 43 1. 37 1. 31 1. 15 0. 77 0. 01 0. 01 -0. 44
(MHz) 2210 2220 2230 2230 2240 2250 2260 2270 2280 2290 2300 2310 2320 2330 2340 2350 2350 2360 2370 2380 2390 2410 2420 2430 2440	(%) 31.14 31 32.07 32.71 33.55 34.28 34.64 32.53 33.48 33.6 34.04 34.58 35.2 34.5 34.08 35.2 34.5 34.08 31.48 33.8 33.67 32.03 31.99 31.88 31.48 31.53 32.27	(dB) -5.07 -5.09 -4.94 -4.85 -4.74 -4.65 -4.6 -4.88 -4.75 -4.74 -4.68 -4.61 -4.53 -4.62 -4.67 -4.64 -4.71 -4.73 -4.95 -4.96	(dBi) 1.01 1.14 1.41 1.66 1.66 1.76 1.67 1.72 1.67 1.71 1.69 1.73 1.64 1.58 1.66 1.58 1.53 1.6 1.54 1.54 1.54 1.47	(MHz) 2510 2520 2530 2540 2550 2560 2570 2580 2590 2600 2610 2620 2630 2640 2650 2670 2680 2690	(%)  32. 24  32. 12  31. 41  31. 16  30. 75  30. 06  30. 44  30. 72  31. 63  32. 34  31. 6  31. 23  31. 5  30. 59  28. 47  26. 48  26. 13  24. 39	(dB) -4. 92 -4. 93 -5. 03 -5. 06 -5. 12 -5. 12 -5. 13 -5 -4. 9 -4. 9 -5. 05 -5. 02 -5. 14 -5. 46 -5. 77 -5. 83 -6. 13	(dBi) 1. 01 1. 07 0. 96 1. 0. 88 0. 83 0. 99 1. 1 1. 27 1. 34 1. 35 1. 43 1. 37 1. 31 1. 15 0. 77 0. 01 0. 01 -0. 44
(MHz) 2210 2220 2230 2240 2250 2260 2270 2280 2290 2330 2330 2330 2340 2350 2350 2360 2370 2380 2390 2410 2410 2420 2420 2440 2450	(%) 31.14 31 32.07 32.71 33.55 34.28 34.64 32.53 33.48 33.6 34.04 34.58 35.2 34.5 34.08 34.34 33.8 33.67 32.03 31.99 31.88 31.48 31.53 32.27 33.37	(dB) -5.07 -5.09 -4.94 -4.85 -4.74 -4.65 -4.6 -4.88 -4.75 -4.61 -4.53 -4.62 -4.67 -4.64 -4.71 -4.73 -4.95 -4.96 -5.02 -5.01 -4.91	(dBi) 1.01 1.14 1.41 1.6 1.66 1.76 1.67 1.72 1.67 1.57 1.71 1.69 1.73 1.64 1.58 1.58 1.53 1.6 1.54 1.54 1.47 1.43 1.15	(MHz) 2510 2520 2530 2540 2550 2560 2570 2580 2590 2600 2610 2620 2630 2640 2650 2670 2680 2690	(%)  32. 24  32. 12  31. 41  31. 16  30. 75  30. 06  30. 44  30. 72  31. 63  32. 34  31. 6  31. 23  31. 5  30. 59  28. 47  26. 48  26. 13  24. 39	(dB) -4. 92 -4. 93 -5. 03 -5. 06 -5. 12 -5. 12 -5. 13 -5 -4. 9 -4. 9 -5. 05 -5. 02 -5. 14 -5. 46 -5. 77 -5. 83 -6. 13	(dBi) 1. 01 1. 07 0. 96 1. 0. 88 0. 83 0. 99 1. 1 1. 27 1. 34 1. 35 1. 43 1. 37 1. 31 1. 15 0. 77 0. 01 0. 01 -0. 44
2210 2220 2230 2240 2250 2260 2270 2280 2290 2300 2310 2320 2330 2340 2350 2360 2370 2380 2400 2410 2420 2430 2440 2450 2460	(%) 31.14 31 32.07 32.71 33.55 34.28 34.64 32.53 33.48 33.6 34.04 34.58 35.2 34.5 34.08 34.34 33.8 33.67 32.03 31.99 31.88 31.48 31.53 32.27 33.37 33.96	(dB) -5.07 -5.09 -4.94 -4.85 -4.74 -4.65 -4.6 -4.88 -4.75 -4.74 -4.68 -4.61 -4.53 -4.62 -4.67 -4.64 -4.71 -4.73 -4.91 -4.95 -4.91 -4.77 -4.69	(dBi) 1.01 1.14 1.41 1.6 1.66 1.76 1.67 1.72 1.67 1.57 1.71 1.69 1.73 1.64 1.58 1.66 1.58 1.53 1.6 1.54 1.54 1.54 1.15	(MHz) 2510 2520 2530 2540 2550 2560 2570 2580 2590 2600 2610 2620 2630 2640 2650 2670 2680 2690	(%)  32. 24  32. 12  31. 41  31. 16  30. 75  30. 06  30. 44  30. 72  31. 63  32. 34  31. 6  31. 23  31. 5  30. 59  28. 47  26. 48  26. 13  24. 39	(dB) -4. 92 -4. 93 -5. 03 -5. 06 -5. 12 -5. 12 -5. 13 -5 -4. 9 -4. 9 -5. 05 -5. 02 -5. 14 -5. 46 -5. 77 -5. 83 -6. 13	(dBi) 1. 01 1. 07 0. 96 1. 0. 88 0. 83 0. 99 1. 1 1. 27 1. 34 1. 35 1. 43 1. 37 1. 31 1. 15 0. 77 0. 01 0. 01 -0. 44
(MHz) 2210 2220 2230 2240 2250 2260 2270 2280 2290 2300 2310 2320 2330 2340 2350 2360 2370 2380 2370 2440 2450 2440 2450 2460 2470	(%) 31.14 31 32.07 32.71 33.55 34.28 34.64 32.53 33.48 33.6 34.04 34.58 35.2 34.5 34.08 34.34 33.8 33.67 32.03 31.99 31.88 31.48 31.53 32.27 33.37 33.96 34.1	(dB) -5.07 -5.09 -4.94 -4.85 -4.74 -4.65 -4.61 -4.63 -4.61 -4.53 -4.62 -4.67 -4.64 -4.71 -4.73 -4.94 -4.95 -4.96 -5.02 -5.01 -4.91 -4.77 -4.69 -4.67	(dBi) 1.01 1.14 1.41 1.6 1.66 1.76 1.67 1.72 1.67 1.57 1.57 1.58 1.66 1.58 1.58 1.66 1.58 1.54 1.54 1.47 1.43 1.15 1.12	(MHz) 2510 2520 2530 2540 2550 2560 2570 2580 2590 2600 2610 2620 2630 2640 2650 2670 2680 2690	(%)  32. 24  32. 12  31. 41  31. 16  30. 75  30. 06  30. 44  30. 72  31. 63  32. 34  31. 6  31. 23  31. 5  30. 59  28. 47  26. 48  26. 13  24. 39	(dB) -4. 92 -4. 93 -5. 03 -5. 06 -5. 12 -5. 12 -5. 13 -5 -4. 9 -4. 9 -5. 05 -5. 02 -5. 14 -5. 46 -5. 77 -5. 83 -6. 13	(dBi) 1. 01 1. 07 0. 96 1. 0. 88 0. 83 0. 99 1. 1 1. 27 1. 34 1. 35 1. 43 1. 37 1. 31 1. 15 0. 77 0. 01 0. 01 -0. 44
2210 2220 2230 2240 2250 2260 2270 2280 2290 2300 2310 2320 2330 2340 2350 2360 2370 2380 2340 2440 2420 2430 2440 24450 2460 2470 2480	(%) 31.14 31 32.07 32.71 32.71 34.28 34.64 32.53 33.48 33.6 34.04 34.58 35.2 34.5 34.08 34.34 33.8 33.67 32.03 31.99 31.88 31.48 31.53 32.27 33.37 33.96 34.1	(dB) -5.07 -5.09 -4.94 -4.85 -4.74 -4.65 -4.61 -4.53 -4.61 -4.53 -4.62 -4.67 -4.94 -4.95 -4.96 -5.02 -5.01 -4.91 -4.77 -4.69 -4.67	(dBi) 1.01 1.14 1.41 1.6 1.66 1.76 1.67 1.72 1.67 1.57 1.71 1.69 1.73 1.64 1.58 1.66 1.66 1.58 1.58 1.54 1.151 1.12 1.24 1.32	(MHz) 2510 2520 2530 2540 2550 2560 2570 2580 2590 2600 2610 2620 2630 2640 2650 2670 2680 2690	(%)  32. 24  32. 12  31. 41  31. 16  30. 75  30. 06  30. 44  30. 72  31. 63  32. 34  31. 6  31. 23  31. 5  30. 59  28. 47  26. 48  26. 13  24. 39	(dB) -4. 92 -4. 93 -5. 03 -5. 06 -5. 12 -5. 12 -5. 13 -5 -4. 9 -4. 9 -5. 05 -5. 02 -5. 14 -5. 46 -5. 77 -5. 83 -6. 13	(dBi) 1. 01 1. 07 0. 96 1. 0. 88 0. 83 0. 99 1. 1 1. 27 1. 34 1. 35 1. 43 1. 37 1. 31 1. 15 0. 77 0. 01 0. 01 -0. 44
(MHz) 2210 2220 2230 2240 2250 2260 2270 2280 2290 2300 2310 2320 2330 2340 2350 2360 2370 2380 2370 2440 2450 2440 2450 2460 2470	(%) 31.14 31 32.07 32.71 33.55 34.28 34.64 32.53 33.48 33.6 34.04 34.58 35.2 34.5 34.08 34.34 33.8 33.67 32.03 31.99 31.88 31.48 31.53 32.27 33.37 33.96 34.1	(dB) -5.07 -5.09 -4.94 -4.85 -4.74 -4.65 -4.61 -4.63 -4.61 -4.53 -4.62 -4.67 -4.64 -4.71 -4.73 -4.94 -4.95 -4.96 -5.02 -5.01 -4.91 -4.77 -4.69 -4.67	(dBi) 1.01 1.14 1.41 1.6 1.66 1.76 1.67 1.72 1.67 1.57 1.57 1.58 1.66 1.58 1.58 1.66 1.58 1.54 1.54 1.47 1.43 1.15 1.12	(MHz) 2510 2520 2530 2540 2550 2560 2570 2580 2590 2600 2610 2620 2630 2640 2650 2670 2680 2690	(%)  32. 24  32. 12  31. 41  31. 16  30. 75  30. 06  30. 44  30. 72  31. 63  32. 34  31. 6  31. 23  31. 5  30. 59  28. 47  26. 48  26. 13  24. 39	(dB) -4. 92 -4. 93 -5. 03 -5. 06 -5. 12 -5. 12 -5. 13 -5 -4. 9 -4. 9 -5. 05 -5. 02 -5. 14 -5. 46 -5. 77 -5. 83 -6. 13	(dBi) 1. 01 1. 07 0. 96 1. 0. 88 0. 83 0. 99 1. 1 1. 27 1. 34 1. 35 1. 43 1. 37 1. 31 1. 15 0. 77 0. 01 0. 01 -0. 44

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#### 3.2.12 OTA Passive Efficiency&Gain Test--B20--diversity:

Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)	Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)	Freq (MHz)
790	21.97	-6.58	-3. 47	1910	23, 49	-6. 29	-1.63	2230
800	27. 88	-5. 55	-2.5	1920	23.17	-6.35	-1.68	2240
810	29.69	-5. 27	-2. 41	1930	23	-6.38	-1.72	2250
820	31.92	-4.96	-2	1940	23.3	-6.33	-1.39	2260
830	29.8	-5. 26	-2.18	1950	22.68	-6. 44	-1.08	2270
840	26, 55	-5. 76	-2.46	1960	22, 27	-6.52	-1.13	2280
850	28.56	-5. 44	-2.07	1970	23. 51	-6.29	-0.62	2290
860	25. 51	-5. 93	-2.5	1980	24.16	-6.17	-0.5	2300
870	22. 92	-6.4	-2.5	1990	23.15	-6.35	-0.43	2310
880	20.57	-6.87	-3.27	2000	22.73	-6.43	-0.52	2320
		3); **:		2010	23. 33	-6.32	-0.74	2330
1700	28.71	-5. 42	-1.3	2020	24. 67	-6.08	-0.44	2340
1710	26.56	-5. 76	-1.79	2030	23. 94	-6. 21	-0.39	2350
1720	25.05	-6.01	-2.15	2040	22. 95	-6.39	-0.47	2360
1730	24.77	-6.06	-2.21	2050	23.38	-6.31	-0.32	2370
1740	24. 26	-6.15	-2.3	2060	22.97	-6.39	-0.37	2380
1750	22.77	-6. 43	-2.47	2070	22.67	-6. 45	-0.32	2390
1760	22.77	-6.43	-2.53	2080	22.73	-6.43	-0.2	2400
1770	24.12	-6.18	-2.26	2090	23. 27	-6.33	-0.06	2410
1780	25.33	-5.96	-2.12	2100	24.09	-6.18	0.07	2420
1790	24. 53	-6.1	-2.31	2110	24. 22	-6.16	0.13	2430
1800	24.64	-6.08	-2.21	2120	24.95	-6.03	0.25	2440
1810	25.77	-5.89	-1.64	2130	26.38	-5.79	0.47	2450
1820	25. 8	-5. 88	-1.33	2140	27.44	-5.62	0.62	2460
1830	24.8	-6.06	-1.36	2150	28.77	-5. 41	0.83	2470
1840	24. 44	-6.12	-1.29	2160	30.66	-5.13	1.04	2480
1850	24. 4	-6.13	-1.34	2170	31.96	-4.95	1.27	2490
1860	24.63	-6.09	-1.28	2180	32.8	-4.84	1.42	2500
1870	24.03	-6.19	-1.48	2190	32.84	-4.84	1.51	2510
1880	23.79	-6.24	-1.54	2200	33.15	-4.8	1.65	2520
1890	24. 28	-6.15	-1.51	2210	33.64	-4.73	1.82	2530
1900	24.05	-6.19	-1.51	2220	33.01	-4.81	1.77	2540

L	1900	24.05   -	6.19   -1.	51 2220	33.01	-4.81	1.77	2540
I	Freq	Effi	Effi	Gain	Freq	Effi	Effi	Gain
I	(MHz)	(%)	(dB)	(dBi)	(MHz)	(%)	(dB)	(dBi)
I	2230	33.78	-4.71	1.81	2550	30.01	-5.23	1.01
I	2240	34.15	-4. 67	1.88	2560	29.38	-5.32	1.05
I	2250	34.79	-4. 59	1.94	2570	29.84	-5.25	1.13
I	2260	35.18	-4. 54	2.03	2580	30.31	-5.18	1.23
l	2270	35. 5	-4.5	2.17	2590	31.19	-5.06	1.35
l	2280	33.3	-4.78	1.79	2600	32.2	-4.92	1.37
l	2290	34.03	-4.68	1.97	2610	32.1	-4.93	1.38
l	2300	34.08	-4. 67	2	2620	31.57	-5.01	1.23
l	2310	34. 42	-4.63	2.07	2630	31.13	-5.07	1.12
l	2320	34.81	-4.58	2.01	2640	31.3	-5.05	1.08
l	2330	35.17	-4. 54	1.96	2650	30.56	-5.15	0.95
I	2340	34. 37	-4.64	1.9	2660	28. 4	-5. 47	0.54
l	2350	33.94	-4.69	2.01	2670	26.31	-5.8	-0.12
l	2360	33.99	-4.69	2	2680	26.03	-5.84	-0.08
l	2370	33.59	-4.74	1.98	2690	24. 43	-6.12	-0.41
l	2380	33.39	-4.76	1.85	2700	23.17	-6.35	-0.67
I	2390	31.93	-4.96	1.66				6
I	2400	31.88	-4.96	1.62				
I	2410	31.61	-5	1.51				
I	2420	31.19	-5.06	1.43				
I	2430	31.19	-5.06	1.21				
I	2440	31.91	-4.96	1.09				
п		60 KUS	90.5 (\$15.7 \$5.50 \$7.50 \$7.50	235 36 27 36				

2460

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32.16

31.52

31.38

30.63

30.44

-4.77

-4.75

-4.73

-4.83

-4.93

-5.01

-5.03

-5.14 -5.17 1.09

0.99

1.13

1.07

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# 3.2.13 OTA Passive Efficiency&Gain Test--B71--diversity:

	- 0.00		-		-00-		
Freq	Effi	Effi	Gain	Freq	Effi	Effi	Gain
(MHz)	(%)	(dB)	(dBi)	(MHz)	(%)	(dB)	(dBi)
620	13. 27	-8.77	-5. 27	1910	26.73	-5.73	-0.85
630	12.97	-8.87	-5.53	1920	26.44	-5.78	-0.7
640	15. 22	-8.18	-4.59	1930	26.41	-5. 78	-0.46
650	14.86	-8.28	-4.07	1940	26.73	-5.73	-0.2
660	13.76	-8.61	-5. 41	1950	26.15	-5.83	-0.1
670	13.8	-8.6	-5.15	1960	25.6	-5.92	-0.23
680	13.2	-8.79	-5.36	1970	27.12	-5.67	0.2
11			17	1980	28	-5.53	0.27
1700	28. 33	-5. 48	-2.13	1990	26. 97	-5.69	0.26
1710	26.13	-5.83	-2.1	2000	26.55	-5.76	0.29
1720	24. 71	-6.07	-2.38	2010	27. 22	-5.65	0.09
1730	24. 26	-6.15	-2.11	2020	28.74	-5.41	-0.13
1740	23.72	-6.25	-2.11	2030	27.82	-5.56	-0.27
1750	22. 51	-6.48	-2.26	2040	26.59	-5.75	-0.42
1760	22.9	-6.4	-2.07	2050	26.98	-5.69	-0.42
1770	24. 54	-6.1	-1.91	2060	26. 42	-5.78	-0.49
1780	25. 92	-5.86	-1.45	2070	26.08	-5.84	-0.57
1790	25. 54	-5.93	-1.72	2080	26.39	-5. 79	-0.53
1800	26.04	-5.84	-1.35	2090	27. 25	-5.65	-0.33
1810	27. 9	-5.54	-1.13	2100	28. 38	-5. 47	-0.23
1820	28.54	-5. 44	-0.8	2110	28. 71	-5.42	-0.19
1830	28.04	-5.52	-0.91	2120	29.63	-5. 28	-0.01
1840	28. 31	-5.48	-0.9	2130	31.51	-5.01	0.31
1850	28. 61	-5. 43	-0.89	2140	32. 93	-4. 82	0.49
1860	28. 94	-5.38	-0.87	2150	34.66	-4.6	0.76
1870	28. 26	-5.49	-1.11	2160	36.96	-4.32	1.08
1880	27.86	-5.55	-1.23	2170	38.5	-4.15	1.36
1890	28.34	-5.48	-1.09	2180	39. 47	-4.04	1.58
1900	27, 69	-5, 58 T	-0.82	2190	39, 21	-4.07	1.6
1900	27.69	-5.58	-0.82	2190	39. 21	-4.07	1.6
Freq	Effi	Effi	Gain	Freq	Effi	Effi	Gain
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)	Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
Freq (MHz) 2200	Effi (%) 39.78	Effi (dB) -4	Gain (dBi) 1.71	Freq (MHz) 2490	Effi (%) 40.85	Effi (dB) -3.89	Gain (dBi) 2.43
Freq (MHz) 2200 2210	Effi (%) 39.78 40.49	Effi (dB) -4 -3.93	Gain (dBi) 1.71 1.79	Freq (MHz) 2490 2500	Effi (%) 40.85 40.38	Effi (dB) -3.89 -3.94	Gain (dBi) 2.43 2.28
Freq (MHz) 2200 2210 2220	Effi (%) 39.78 40.49 39.92	Effi (dB) -4 -3.93 -3.99	Gain (dBi) 1.71 1.79 1.72	Freq (MHz) 2490 2500 2510	Effi (%) 40.85 40.38 40.12	Effi (dB) -3.89 -3.94 -3.97	Gain (dBi) 2.43 2.28 2.33
Freq (MHz) 2200 2210 2220 2230	Effi (%) 39.78 40.49 39.92 40.71	Effi (dB) -4 -3.93 -3.99 -3.99	Gain (dBi) 1.71 1.79 1.72 1.75	Freq (MHz) 2490 2500 2510 2520	Effi (%) 40.85 40.38 40.12 40.6	Effi (dB) -3.89 -3.94 -3.97 -3.91	Gain (dBi) 2.43 2.28 2.33 2.3
Freq (MHz) 2200 2210 2220 2230 2240	Effi (%) 39.78 40.49 39.92 40.71 41.31	Effi (dB) -4 -3.93 -3.99 -3.9	Gain (dBi) 1.71 1.79 1.72 1.75 1.88	Freq (MHz) 2490 2500 2510 2520 2530	Effi (%) 40.85 40.38 40.12 40.6	Effi (dB) -3.89 -3.94 -3.97 -3.91 -3.99	Gain (dBi) 2.43 2.28 2.33 2.3 2.3
Freq (MHz) 2200 2210 2220 2230 2240 2250	Effi (%) 39.78 40.49 39.92 40.71 41.31 42.1	Effi (dB) -4 -3.93 -3.99 -3.9 -3.84 -3.76	Gain (dBi) 1.71 1.79 1.72 1.75 1.88 2.05	Freq (MHz) 2490 2500 2510 2520 2530 2540	Effi (%) 40.85 40.38 40.12 40.6 39.9 39.87	Effi (dB) -3.89 -3.94 -3.97 -3.91 -3.99 -3.99	Cain (dBi) 2.43 2.28 2.33 2.3 2.3 2.39 2.29
Freq (MHz) 2200 2210 2220 2230 2240 2250 2260	Effi (%) 39.78 40.49 39.92 40.71 41.31 42.1 42.52	Effi (dB) -4 -3.93 -3.99 -3.9 -3.84 -3.76 -3.71	Gain (dBi) 1.71 1.79 1.72 1.75 1.88 2.05 2.12	Freq (MHz) 2490 2500 2510 2520 2530 2540 2550	Effi (%) 40.85 40.38 40.12 40.6 39.9 39.87 38.95	Effi (dB) -3.89 -3.94 -3.97 -3.91 -3.99 -3.99 -4.09	Gain (dBi) 2. 43 2. 28 2. 33 2. 3 2. 39 2. 29 2. 35
Freq (MHz) 2200 2210 2220 2230 2240 2250 2260 2270	Effi (%) 39.78 40.49 39.92 40.71 41.31 42.1 42.52 42.66	Effi (dB) -4 -3.93 -3.99 -3.9 -3.84 -3.76 -3.71	Gain (dBi) 1.71 1.79 1.72 1.75 1.88 2.05 2.12 2.24	Freq (MHz) 2490 2500 2510 2520 2530 2540 2550 2560	Effi (%) 40.85 40.38 40.12 40.6 39.9 39.87 38.95 37.85	Effi (dB) -3.89 -3.94 -3.97 -3.91 -3.99 -4.09 -4.22	Gain (dBi) 2. 43 2. 28 2. 33 2. 39 2. 39 2. 29 2. 35 2. 04
Freq (MHz) 2200 2210 2220 2230 2240 2250 2260 2270 2280	Effi (%) 39.78 40.49 39.92 40.71 41.31 42.1 42.52 42.66 39.49	Effi (dB) -4 -3. 93 -3. 99 -3. 9 -3. 84 -3. 76 -3. 71 -3. 7	Gain (dBi) 1.71 1.79 1.72 1.75 1.88 2.05 2.12 2.24	Freq (MHz) 2490 2500 2510 2520 2530 2540 2550 2560 2570	### ##################################	Effi (dB) -3.89 -3.94 -3.97 -3.91 -3.99 -3.99 -4.09 -4.22 -4.2	Gain (dBi) 2. 43 2. 28 2. 33 2. 39 2. 29 2. 35 2. 04 2. 02
Freq (MHz) 2200 2210 2220 2230 2240 2250 2260 2270 2280 2290	Effi (%) 39.78 40.49 39.92 40.71 41.31 42.1 42.52 42.66 39.49 40.1	Effi (dB) -4 -3.93 -3.99 -3.84 -3.76 -3.71 -3.7 -4.04 -3.97	Gain (dBi) 1.71 1.79 1.72 1.75 1.88 2.05 2.12 2.12 2.24 1.75 1.85	Freq (MHz) 2490 2500 2510 2520 2530 2540 2550 2560 2570 2580	Effi (%) 40. 85 40. 38 40. 12 40. 6 39. 9 39. 87 38. 95 37. 85 38. 03 37. 84	Effi (dB) -3.89 -3.94 -3.97 -3.91 -3.99 -4.09 -4.22 -4.2	Gain (dBi) 2. 43 2. 28 2. 33 2. 3 2. 39 2. 29 2. 29 2. 35 2. 04 2. 02 1. 66
Freq (MHz) 2200 2210 2220 2230 2240 2250 2260 2270 2280 2290 2300	Effi (%) 39. 78 40. 49 39. 92 40. 71 41. 31 42. 1 42. 52 42. 66 39. 49 40. 1 39. 9	Effi (dB) -4 -3.93 -3.99 -3.84 -3.76 -3.71 -3.7 -4.04 -3.97 -3.99	Gain (dBi) 1.71 1.79 1.72 1.75 1.88 2.05 2.12 2.24 1.75 1.85 1.73	Freq (MHz) 2490 2500 2510 2520 2530 2540 2550 2560 2570 2580 2590	Effi (%) 40.85 40.38 40.12 40.6 39.9 39.87 38.95 37.85 38.03 37.84 38.32	Effi (dB) -3.89 -3.94 -3.97 -3.91 -3.99 -4.09 -4.22 -4.2 -4.2	Gain (dBi) 2. 43 2. 28 2. 33 2. 39 2. 29 2. 29 2. 35 2. 04 2. 02 1. 66 1. 49
Freq (MHz) 2200 2210 2220 2230 2240 2250 2260 2270 2270 2280 2290 2300 2310	Effi (%) 39. 78 40. 49 39. 92 40. 71 41. 31 42. 1 42. 52 42. 66 39. 49 40. 1 39. 9	Effi (dB) -4 -3.93 -3.99 -3.84 -3.76 -3.71 -4.04 -3.97 -3.99 -3.94	Gain (dBi) 1.71 1.79 1.72 1.75 1.88 2.05 2.12 2.24 1.75 1.85 1.73 1.73	Freq (MHz) 2500 2510 2520 2530 2540 2550 2560 2570 2580 2590 2600	Effi (%) 40.85 40.38 40.12 40.6 39.9 39.87 38.95 37.85 38.03 37.84 38.32 38.57	Effi (dB) -3.89 -3.94 -3.97 -3.91 -3.99 -4.09 -4.22 -4.22 -4.17 -4.14	Gain (dBi) 2. 43 2. 28 2. 33 2. 39 2. 29 2. 35 2. 04 2. 02 1. 66 1. 49 1. 42
Freq (MHz) 2200 2210 2220 2230 2240 2250 2260 2270 2280 2290 2300 2310 2320	Effi (%) 39. 78 40. 49 39. 92 40. 71 41. 31 42. 1 42. 52 42. 66 39. 49 40. 1 39. 9 40. 4	Effi (dB) -4 -3.93 -3.99 -3.84 -3.76 -3.71 -3.7 -4.04 -3.97 -3.99 -3.94 -3.89	Gain (dBi) 1.71 1.79 1.72 1.75 1.88 2.05 2.12 2.24 1.75 1.85 1.73 1.73	Freq (MHz) 2490 2500 2510 2520 2530 2540 2550 2560 2570 2580 2590 2600 2610	Bffi (%) 40.85 40.38 40.12 40.6 39.9 39.87 38.95 37.85 38.03 37.84 38.32 38.57 37.69	Effi (dB) -3.89 -3.94 -3.97 -3.91 -3.99 -4.09 -4.22 -4.2 -4.17 -4.14 -4.24	Gain (dBi) 2. 43 2. 28 2. 33 2. 39 2. 29 2. 35 2. 04 2. 02 1. 66 1. 49 1. 42 1. 35
Freq (MHz) 2200 2210 2220 2230 2240 2250 2260 2270 2280 2290 2300 2310 2320 2330	Effi (%) 39.78 40.49 39.92 40.71 41.31 42.1 42.52 42.66 39.49 40.1 39.9 40.4 40.83 41.48	Effi (dB) -4 -3.93 -3.99 -3.9 -3.84 -3.76 -3.71 -3.7 -4.04 -3.97 -3.99 -3.89 -3.89	Gain (dBi) 1.71 1.79 1.72 1.75 1.88 2.05 2.12 2.24 1.75 1.85 1.73 1.73 1.93 2.27	Freq (MHz) 2490 2500 2510 2520 2530 2540 2550 2560 2570 2580 2590 2600 2610	Effi (%) 40.85 40.38 40.12 40.6 39.9 39.87 38.95 37.85 38.03 37.84 38.32 38.57 37.69	Effi (dB) -3.89 -3.94 -3.97 -3.91 -3.99 -4.09 -4.22 -4.2 -4.17 -4.14 -4.24 -4.44	Gain (dBi) 2. 43 2. 28 2. 33 2. 3 2. 39 2. 29 2. 35 2. 04 2. 02 1. 66 1. 49 1. 42 1. 35 1. 21
Freq (MHz) 2200 2210 2220 2230 2240 2250 2270 2280 2290 2310 2310 2320 2330 2340	Effi (%) 39.78 40.49 39.92 40.71 41.31 42.1 42.52 42.66 39.49 40.1 39.9 40.4 40.83 41.48 40.59	Effi (dB) -4 -3.93 -3.99 -3.84 -3.76 -3.71 -3.7 -4.04 -3.97 -3.99 -3.89 -3.82 -3.89	Gain (dBi) 1.71 1.79 1.72 1.75 1.88 2.05 2.12 2.24 1.75 1.85 1.73 1.93 2.27 2.26	Freq (MHz) 2490 2500 2510 2520 2530 2540 2550 2560 2570 2580 2590 2600 2610 2620	Effi (%) 40.85 40.38 40.12 40.6 39.9 39.87 38.95 37.85 38.03 37.84 38.32 38.57 37.69 35.99	Effi (dB) -3.89 -3.94 -3.97 -3.91 -3.99 -4.09 -4.22 -4.2 -4.17 -4.14 -4.24 -4.457	Gain (dBi) 2. 43 2. 28 2. 33 2. 3 2. 39 2. 29 2. 29 2. 35 2. 04 2. 02 1. 66 1. 49 1. 42 1. 35 1. 21
Freq (MHz) 2200 2210 2220 2230 2240 2250 2260 2270 2280 2290 2300 2310 2320 2320 2340 2350	Effi (%) 39.78 40.49 39.92 40.71 41.31 42.1 42.52 42.66 39.49 40.1 39.9 40.4 40.83 41.48 40.59 40.04	Effi (dB) -4 -3.93 -3.99 -3.84 -3.76 -3.71 -3.7 -4.04 -3.97 -3.99 -3.89 -3.89 -3.82 -3.92 -3.98	Gain (dBi) 1.71 1.79 1.72 1.75 1.88 2.05 2.12 2.24 1.75 1.85 1.73 1.73 1.93 2.27 2.26 2.39	Freq (MHz) 2490 2500 2510 2520 2530 2540 2550 2560 2570 2580 2600 2610 2620 2630 2640	Effi (%) 40. 85 40. 38 40. 12 40. 6 39. 9 39. 87 38. 95 37. 85 38. 03 37. 84 38. 32 38. 57 37. 69 35. 99 34. 93 34. 73	Effi (dB) -3.89 -3.94 -3.97 -3.91 -3.99 -4.09 -4.22 -4.2 -4.17 -4.14 -4.44 -4.57 -4.59	Gain (dBi) 2. 43 2. 28 2. 33 2. 39 2. 29 2. 29 2. 35 2. 04 2. 02 1. 66 1. 49 1. 42 1. 35 1. 21 1. 05 1. 16
Freq (MHz) 2200 2210 2220 2230 2240 2250 2260 2270 2280 2300 2310 2320 2330 2340 2350 2360	Effi (%) 39.78 40.49 39.92 40.71 41.31 42.1 42.52 42.66 39.49 40.1 39.9 40.4 40.83 40.83 40.59 40.04	Effi (dB) -4 -3.93 -3.99 -3.84 -3.70 -3.71 -3.7 -4.04 -3.97 -3.99 -3.89 -3.82 -3.92 -3.94 -3.94	Gain (dBi) 1.71 1.79 1.72 1.75 1.88 2.05 2.12 2.24 1.75 1.85 1.73 1.73 1.93 2.27 2.26 2.39 2.42	Freq (MHz) 2490 2500 2510 2520 2530 2540 2550 2560 2570 2580 2600 2610 2620 2630 2640 2650	Effi (%) 40. 85 40. 38 40. 12 40. 6 39. 9 39. 87 38. 95 37. 85 38. 03 37. 84 38. 32 38. 57 37. 69 35. 99 34. 93 34. 73	Effi (dB) -3.89 -3.94 -3.97 -3.91 -3.99 -4.09 -4.22 -4.17 -4.14 -4.24 -4.57 -4.59 -4.75	Gain (dBi) 2. 43 2. 28 2. 33 2. 39 2. 29 2. 35 2. 04 2. 02 1. 66 1. 49 1. 42 1. 35 1. 10 1. 05 1. 16 0. 99
Freq (MHz) 2200 2210 2220 2230 2240 2250 2260 2270 2280 2300 2310 2320 2330 2340 2350 2360 2370	Effi (%) 39. 78 40. 49 39. 92 40. 71 41. 31 42. 1 42. 52 42. 66 39. 49 40. 1 39. 9 40. 4 40. 83 41. 48 40. 59 40. 04 40. 35	Effi (dB) -4 -3.93 -3.99 -3.84 -3.76 -3.71 -3.7 -4.04 -3.97 -3.99 -3.82 -3.82 -3.82 -3.92 -3.98 -3.98	Gain (dBi) 1.71 1.79 1.72 1.75 1.88 2.05 2.12 1.75 1.85 1.73 1.93 2.27	Freq (MHz) 2490 2500 2510 2520 2530 2540 2550 2560 2570 2580 2600 2610 2620 2630 2640 2650 2660	Effi (%) 40. 85 40. 38 40. 12 40. 6 39. 9 39. 87 38. 95 37. 85 38. 03 37. 84 38. 32 38. 57 37. 69 35. 99 34. 93 34. 73 33. 47 30. 88	Effi (dB) -3.89 -3.94 -3.97 -3.91 -3.99 -4.09 -4.22 -4.2 -4.17 -4.14 -4.24 -4.57 -4.57 -4.59 -4.75	Gain (dBi) 2. 43 2. 28 2. 33 2. 39 2. 29 2. 35 2. 04 2. 02 1. 66 1. 49 1. 42 1. 35 1. 21 1. 05 1. 16 0. 99 0. 75
Freq (MHz) 2200 2210 2220 2230 2240 2250 2260 2270 2280 2290 2300 2310 2320 2330 2340 2350 2350 2360 2370	Effi (%) 39. 78 40. 49 39. 92 40. 71 41. 31 42. 1 42. 52 42. 66 39. 49 40. 1 39. 9 40. 4 40. 83 41. 48 40. 59 40. 04 40. 35 40. 03 39. 73	Effi (dB) -4 -3.93 -3.99 -3.84 -3.76 -3.71 -3.7 -4.04 -3.97 -3.99 -3.94 -3.82 -3.92 -3.98 -3.98 -3.98	Gain (dBi) 1.71 1.79 1.72 1.75 1.88 2.05 2.12 2.24 1.75 1.85 1.73 1.73 2.27 2.26 2.26 2.27 2.11	Freq (MHz) 2490 2500 2510 2520 2530 2540 2550 2560 2570 2580 2690 2610 2620 2630 2640 2650 2650 2670	Bffi (%) 40. 85 40. 38 40. 12 40. 6 39. 9 39. 87 38. 95 37. 85 38. 03 37. 84 38. 32 38. 57 37. 69 35. 99 34. 93 34. 73 33. 47 30. 88 28. 64	Effi (dB) -3.89 -3.94 -3.97 -3.91 -3.99 -4.09 -4.22 -4.2 -4.17 -4.14 -4.24 -4.57 -4.59 -4.75 -5.1 -5.43	Cain (dBi) 2. 43 2. 28 2. 33 2. 39 2. 29 2. 35 2. 04 2. 02 1. 66 1. 49 1. 42 1. 35 1. 21 1. 05 1. 16 0. 99 0. 75 0. 34
Freq (MHz) 2200 2210 2220 2230 2240 2250 2260 2270 2280 2290 2300 2310 2320 2330 2340 2350 2360 2370 2380	Effi (%) 39.78 40.49 39.92 40.71 41.31 42.52 42.66 39.49 40.1 39.9 40.4 40.83 41.48 40.59 40.04 40.03 39.73 37.5	Effi (dB) -4 -3.93 -3.99 -3.9 -3.84 -3.76 -3.71 -3.7 -4.04 -3.97 -3.99 -3.94 -3.89 -3.92 -3.98 -3.98 -3.98 -3.98 -3.98 -3.98 -3.99	Gain (dBi) 1.71 1.79 1.72 1.75 1.88 2.05 2.12 2.24 1.75 1.85 1.73 1.93 2.27 2.26 2.39 2.42 2.42 2.27 2.11 1.85	Freq (MHz) 2490 2500 2510 2520 2530 2540 2550 2560 2570 2580 2600 2610 2620 2630 2640 2650 2650 2650	Effi (%) 40. 85 40. 38 40. 12 40. 6 39. 9 39. 87 38. 95 37. 85 38. 03 37. 84 38. 32 38. 57 37. 69 35. 99 34. 93 34. 73 33. 47 30. 88 28. 64 28. 43	Effi (dB) -3.89 -3.94 -3.97 -3.91 -3.99 -4.09 -4.22 -4.2 -4.17 -4.14 -4.24 -4.44 -4.57 -4.59 -4.75 -5.1 -5.43	Gain (dBi) 2. 43 2. 28 2. 33 2. 3 2. 39 2. 29 2. 35 2. 04 2. 02 1. 66 1. 49 1. 42 1. 35 1. 21 1. 05 1. 16 0. 99 0. 75 0. 34 0. 56
Freq (MHz) 2200 2210 2220 2230 2240 2250 2250 2260 2270 2280 2310 2310 2320 2330 2340 2350 2360 2370 2380 2370 2380 2390 2400	Effi (%) 39.78 40.49 39.92 40.71 41.31 42.1 42.52 42.66 39.49 40.1 39.9 40.4 40.83 41.48 40.59 40.04 40.35 39.73 37.5	Effi (dB) -4 -3.93 -3.99 -3.94 -3.76 -3.71 -3.7 -4.04 -3.97 -3.94 -3.82 -3.92 -3.98 -3.94 -3.98 -4.01 -4.26 -4.28	Gain (dBi) 1.71 1.79 1.72 1.75 1.88 2.05 2.12 2.24 1.75 1.85 1.73 1.93 2.27 2.26 2.39 2.42 2.27 2.11 1.85 1.84	Freq (MHz) 2490 2500 2510 2520 2530 2540 2550 2560 2570 2680 2600 2610 2620 2630 2640 2650 2670 2680	Effi (%) 40. 85 40. 38 40. 12 40. 6 39. 9 39. 87 38. 95 37. 85 38. 03 37. 84 38. 32 38. 57 37. 69 35. 99 34. 73 33. 47 30. 88 28. 64 28. 43	Effi (dB) -3.89 -3.94 -3.97 -3.91 -3.99 -4.09 -4.22 -4.2 -4.17 -4.14 -4.24 -4.44 -4.57 -4.59 -4.75 -5.1 -5.43 -5.46 -5.72	Gain (dBi) 2. 43 2. 28 2. 33 2. 3 2. 39 2. 29 2. 25 2. 04 2. 02 1. 66 1. 49 1. 42 1. 35 1. 21 1. 05 1. 16 0. 99 0. 75 0. 34 0. 56 0. 41
Freq (MHz) 2200 2210 2220 2230 2240 2250 2260 2270 2280 2290 2300 2310 2310 2330 2340 2350 2360 2370 2380 2390 2410	Effi (%) 39.78 40.49 39.92 40.71 41.31 42.1 42.52 42.66 39.49 40.1 39.9 40.4 40.83 41.48 40.59 40.03 53.49 40.35 4	Effi (dB) -4 -3.93 -3.99 -3.84 -3.76 -3.71 -3.7 -4.04 -3.97 -3.99 -3.89 -3.82 -3.92 -3.98 -3.94 -3.98 -3.94 -3.98 -4.01 -4.26 -4.28 -4.33	Gain (dBi) 1.71 1.79 1.72 1.75 1.88 2.05 2.12 2.24 1.75 1.85 1.73 1.73 2.27 2.26 2.39 2.42 2.27 1.85 1.88 1.84 1.62	Freq (MHz) 2490 2500 2510 2520 2530 2540 2550 2560 2570 2580 2600 2610 2620 2630 2640 2650 2650 2650	Effi (%) 40. 85 40. 38 40. 12 40. 6 39. 9 39. 87 38. 95 37. 85 38. 03 37. 84 38. 32 38. 57 37. 69 35. 99 34. 93 34. 73 33. 47 30. 88 28. 64 28. 43	Effi (dB) -3.89 -3.94 -3.97 -3.91 -3.99 -4.09 -4.22 -4.2 -4.17 -4.14 -4.24 -4.44 -4.57 -4.59 -4.75 -5.1 -5.43	Gain (dBi) 2. 43 2. 28 2. 33 2. 3 2. 39 2. 29 2. 35 2. 04 2. 02 1. 66 1. 49 1. 42 1. 35 1. 21 1. 05 1. 16 0. 99 0. 75 0. 34 0. 56
Freq (MHz) 2200 2210 2220 2230 2240 2250 2260 2270 2280 2290 2300 2310 2320 2340 2350 2360 2370 2380 2370 2380 2390 2410 2420	Effi (%) 39.78 40.49 39.92 40.71 41.31 42.1 42.52 42.66 39.49 40.1 39.9 40.4 40.83 41.48 40.59 40.04 40.35 40.03 39.73 37.5 37.34 36.87	Effi (dB) -4 -3.93 -3.99 -3.84 -3.76 -3.71 -3.7 -4.04 -3.97 -3.99 -3.89 -3.89 -3.89 -3.94 -3.98 -4.01 -4.26 -4.28 -4.33 -4.37	Gain (dBi) 1.71 1.79 1.72 1.75 1.88 2.05 2.12 2.24 1.75 1.85 1.73 1.73 2.27 2.26 2.39 2.42 2.27 2.11 1.85 1.85 1.85 1.73	Freq (MHz) 2490 2500 2510 2520 2530 2540 2550 2560 2570 2680 2600 2610 2620 2630 2640 2650 2670 2680	Effi (%) 40. 85 40. 38 40. 12 40. 6 39. 9 39. 87 38. 95 37. 85 38. 03 37. 84 38. 32 38. 57 37. 69 35. 99 34. 73 33. 47 30. 88 28. 64 28. 43	Effi (dB) -3.89 -3.94 -3.97 -3.91 -3.99 -4.09 -4.22 -4.2 -4.17 -4.14 -4.24 -4.44 -4.57 -4.59 -4.75 -5.1 -5.43 -5.46 -5.72	Gain (dBi) 2. 43 2. 28 2. 33 2. 3 2. 39 2. 29 2. 25 2. 04 2. 02 1. 66 1. 49 1. 42 1. 35 1. 21 1. 05 1. 16 0. 99 0. 75 0. 34 0. 56 0. 41
Freq (MHz) 2200 2210 2220 2230 2240 2250 2260 2270 2280 2290 2300 2310 2320 2340 2350 2360 2370 2380 2370 2380 2390 2410 2420 2430	Effi (%) 39.78 40.49 39.92 40.71 41.31 42.1 42.52 42.66 39.49 40.1 39.9 40.4 40.83 40.04 40.35 40.03 39.73 37.5 37.34 36.87 36.6	Effi (dB) -4 -3.93 -3.99 -3.84 -3.76 -3.71 -3.7 -4.04 -3.97 -3.99 -3.82 -3.92 -3.98 -3.94 -3.98 -4.01 -4.26 -4.28 -4.33 -4.37	Gain (dBi) 1.71 1.79 1.72 1.75 1.88 2.05 2.12 2.24 1.75 1.85 1.73 1.73 2.27 2.26 2.39 2.42 2.27 2.11 1.85 1.84 1.62 1.51 1.29	Freq (MHz) 2490 2500 2510 2520 2530 2540 2550 2560 2570 2680 2600 2610 2620 2630 2640 2650 2670 2680	Effi (%) 40. 85 40. 38 40. 12 40. 6 39. 9 39. 87 38. 95 37. 85 38. 03 37. 84 38. 32 38. 57 37. 69 35. 99 34. 73 33. 47 30. 88 28. 64 28. 43	Effi (dB) -3.89 -3.94 -3.97 -3.91 -3.99 -4.09 -4.22 -4.2 -4.17 -4.14 -4.24 -4.44 -4.57 -4.59 -4.75 -5.1 -5.43 -5.46 -5.72	Gain (dBi) 2. 43 2. 28 2. 33 2. 3 2. 39 2. 29 2. 25 2. 04 2. 02 1. 66 1. 49 1. 42 1. 35 1. 21 1. 05 1. 16 0. 99 0. 75 0. 34 0. 56 0. 41
Freq (MHz) 2200 2210 2220 2230 2240 2250 2260 2270 2280 2300 2310 2320 2330 2340 2350 2360 2370 2380 2400 2410 2420 2430	Effi (%) 39.78 40.49 39.92 40.71 41.31 42.52 42.66 39.49 40.1 39.9 40.4 40.83 41.48 40.59 40.04 39.73 37.5 37.34 36.87 36.6	Effi (dB) -4 -3.93 -3.99 -3.84 -3.76 -3.71 -3.7 -4.04 -3.97 -3.99 -3.94 -3.82 -3.92 -3.92 -3.94 -4.01 -4.26 -4.28 -4.37 -4.37 -4.37	Gain (dBi) 1.71 1.79 1.72 1.75 1.88 2.05 2.12 2.24 1.75 1.85 1.73 2.27 2.26 2.39 2.24 2.27 2.11 1.85 1.85 1.62 1.51 1.29 1.46	Freq (MHz) 2490 2500 2510 2520 2530 2540 2550 2560 2570 2680 2600 2610 2620 2630 2640 2650 2670 2680	Effi (%) 40. 85 40. 38 40. 12 40. 6 39. 9 39. 87 38. 95 37. 85 38. 03 37. 84 38. 32 38. 57 37. 69 35. 99 34. 73 33. 47 30. 88 28. 64 28. 43	Effi (dB) -3.89 -3.94 -3.97 -3.91 -3.99 -4.09 -4.22 -4.2 -4.17 -4.14 -4.24 -4.44 -4.57 -4.59 -4.75 -5.1 -5.43 -5.46 -5.72	Gain (dBi) 2. 43 2. 28 2. 33 2. 3 2. 39 2. 29 2. 25 2. 04 2. 02 1. 66 1. 49 1. 42 1. 35 1. 21 1. 05 1. 16 0. 99 0. 75 0. 34 0. 56 0. 41
Freq (MHz) 2200 2210 2220 2230 2240 2250 2260 2270 2280 2290 2300 2310 2320 2330 2340 2350 2360 2370 2400 2410 2410 2420 2430 2440	Effi (%) 39.78 40.49 39.92 40.71 41.31 42.52 42.66 39.49 40.1 39.9 40.4 40.83 41.48 40.59 40.04 40.03 39.73 37.5 37.34 36.6 36.57 37.55 38.72	Effi (dB) -4 -3.93 -3.99 -3.9 -3.84 -3.76 -3.71 -3.7 -4.04 -3.97 -3.99 -3.82 -3.92 -3.98 -3.94 -3.98 -4.01 -4.26 -4.28 -4.37 -4.37 -4.37 -4.25 -4.12	Gain (dBi) 1.71 1.79 1.72 1.75 1.88 2.05 2.12 2.24 1.75 1.85 1.73 1.93 2.27 2.26 2.39 2.42 2.42 1.75 1.85 1.73 1.93 2.11 1.85 1.84 1.62 1.51 1.29 1.46 1.7	Freq (MHz) 2490 2500 2510 2520 2530 2540 2550 2560 2570 2680 2600 2610 2620 2630 2640 2650 2670 2680	Effi (%) 40. 85 40. 38 40. 12 40. 6 39. 9 39. 87 38. 95 37. 85 38. 03 37. 84 38. 32 38. 57 37. 69 35. 99 34. 73 33. 47 30. 88 28. 64 28. 43	Effi (dB) -3.89 -3.94 -3.97 -3.91 -3.99 -4.09 -4.22 -4.2 -4.17 -4.14 -4.24 -4.44 -4.57 -4.59 -4.75 -5.1 -5.43 -5.46 -5.72	Gain (dBi) 2. 43 2. 28 2. 33 2. 3 2. 39 2. 29 2. 25 2. 04 2. 02 1. 66 1. 49 1. 42 1. 35 1. 21 1. 05 1. 16 0. 99 0. 75 0. 34 0. 56 0. 41
Freq (MHz) 2200 2210 2220 2230 2240 2250 2260 2270 2280 2290 2300 2310 2320 2330 2340 2350 2360 2370 2380 2400 2410 2420 2430 2440 2450 2460	Effi (%) 39.78 40.49 39.92 40.71 41.31 42.1 42.52 42.66 39.49 40.1 39.9 40.4 40.83 41.48 40.59 40.04 40.35 39.73 37.5 37.34 36.87 36.6 36.57 37.55 38.72	Effi (dB) -4 -3.93 -3.99 -3.9 -3.84 -3.76 -3.71 -3.7 -4.04 -3.97 -3.99 -3.82 -3.94 -3.89 -3.94 -3.89 -4.01 -4.26 -4.28 -4.33 -4.37 -4.25 -4.12 -4.03	Gain (dBi) 1.71 1.79 1.72 1.75 1.88 2.05 2.12 2.24 1.75 1.85 1.73 1.93 2.27 2.26 2.39 2.42 2.27 2.11 1.85 1.84 1.62 1.51 1.29 1.46 1.7 2.09	Freq (MHz) 2490 2500 2510 2520 2530 2540 2550 2560 2570 2680 2600 2610 2620 2630 2640 2650 2670 2680	Effi (%) 40. 85 40. 38 40. 12 40. 6 39. 9 39. 87 38. 95 37. 85 38. 03 37. 84 38. 32 38. 57 37. 69 35. 99 34. 73 33. 47 30. 88 28. 64 28. 43	Effi (dB) -3.89 -3.94 -3.97 -3.91 -3.99 -4.09 -4.22 -4.2 -4.17 -4.14 -4.24 -4.44 -4.57 -4.59 -4.75 -5.1 -5.43 -5.46 -5.72	Gain (dBi) 2. 43 2. 28 2. 33 2. 3 2. 39 2. 29 2. 25 2. 04 2. 02 1. 66 1. 49 1. 42 1. 35 1. 21 1. 05 1. 16 0. 99 0. 75 0. 34 0. 56 0. 41
Freq (MHz) 2200 2210 2220 2230 2240 2250 2260 2270 2280 2290 2300 2310 2320 2330 2340 2350 2360 2370 2400 2410 2410 2420 2430 2440	Effi (%) 39.78 40.49 39.92 40.71 41.31 42.52 42.66 39.49 40.1 39.9 40.4 40.83 41.48 40.59 40.04 40.03 39.73 37.5 37.34 36.6 36.57 37.55 38.72	Effi (dB) -4 -3.93 -3.99 -3.9 -3.84 -3.76 -3.71 -3.7 -4.04 -3.97 -3.99 -3.82 -3.92 -3.98 -3.94 -3.98 -4.01 -4.26 -4.28 -4.37 -4.37 -4.37 -4.25 -4.12	Gain (dBi) 1.71 1.79 1.72 1.75 1.88 2.05 2.12 2.24 1.75 1.85 1.73 1.93 2.27 2.26 2.39 2.42 2.42 1.75 1.85 1.73 1.93 2.11 1.85 1.84 1.62 1.51 1.29 1.46 1.7	Freq (MHz) 2490 2500 2510 2520 2530 2540 2550 2560 2570 2680 2600 2610 2620 2630 2640 2650 2670 2680	Effi (%) 40. 85 40. 38 40. 12 40. 6 39. 9 39. 87 38. 95 37. 85 38. 03 37. 84 38. 32 38. 57 37. 69 35. 99 34. 73 33. 47 30. 88 28. 64 28. 43	Effi (dB) -3.89 -3.94 -3.97 -3.91 -3.99 -4.09 -4.22 -4.2 -4.17 -4.14 -4.24 -4.44 -4.57 -4.59 -4.75 -5.1 -5.43 -5.46 -5.72	Gain (dBi) 2. 43 2. 28 2. 33 2. 3 2. 39 2. 29 2. 25 2. 04 2. 02 1. 66 1. 49 1. 42 1. 35 1. 21 1. 05 1. 16 0. 99 0. 75 0. 34 0. 56 0. 41

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# 3.2.14 OTA Passive Efficiency&Gain Test--BT&WIFI&GPS:

Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)	Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
1540	34. 41	-4.63	-0.49	2400	45.16	-3.45	0.08
1550	36.62	-4.36	-0.24	2410	44. 21	-3.54	-0.01
1560	38. 43	-4.15	0.3	2420	44.01	-3.56	0.07
1570	40.53	-3.92	0.68	2430	44.04	-3.56	0.3
1580	40.88	-3.88	0.72	2440	43.54	-3.61	0.32
1590	40.59	-3.92	0.83	2450	42.76	-3.69	0.43
		XV 755-00-		2460	42.96	-3.67	0.46
				2470	43.85	-3.58	0.71
				2480	42.69	-3.7	0.66
				2490	41.89	-3.78	0.73
				2500	42, 51	-3, 71	0.86

Freq	Effi	Effi	Gain	Freq	Effi	Effi	Gain
(MHz)	(%)	(dB)	(dBi)	(MHz)	(%)	(dB)	(dBi)
5100	56.35	-2.49	3.48	5390	51.37	-2.89	2.92
5110	53.53	-2.71	3.12	5400	50.45	-2.97	2.85
5120	52.18	-2.82	3.04	5410	53.17	-2.74	2.96
5130	53.31	-2.73	3.09	5420	54. 71	-2.62	3.25
5140	50.38	-2.98	2.93	5430	56.51	-2. 48	3.18
5150	47.52	-3.23	2.63	5440	54.77	-2.61	2.96
5160	46.14	-3.36	2.39	5450	56.25	-2.5	3.06
5170	47.2	-3.26	2.57	5460	57.98	-2.37	3.28
5180	45.64	-3.41	2.35	5470	59.7	-2.24	3.35
5190	43.93	-3.57	2.12	5480	58.12	-2.36	3.19
5200	45. 91	-3.38	2.46	5490	54. 79	-2.61	2.46
5210	45.83	-3.39	2.33	5500	55.7	-2.54	2.78
5220	47.76	-3.21	2.48	5510	59.23	-2.27	2.66
5230	47.72	-3. 21	2. 29	5520	61.6	-2.1	2.93
5240	49.64	-3.04	2.7	5530	59.43	-2.26	2.69
5250	50.55	-2.96	2.58	5540	55.61	-2.55	2.05
5260	52.55	-2.79	2.72	5550	54.75	-2.62	1.8
5270	52.67	-2.78	2.63	5560	55.75	-2.54	1.8
5280	52.68	-2.78	2.79	5570	54. 23	-2.66	1.8
5290	54. 51	-2.64	2.89	5580	50.73	-2.95	1.32
5300	53.57	-2.71	2. 93	5590	50.21	-2.99	0.89
5310	54. 23	-2.66	3.13	5600	49.71	-3.04	0.98
5320	52.12	-2.83	3	5610	50.64	-2.96	1.06
5330	52.2	-2.82	3.06	5620	48.31	-3.16	0.82
5340	52.83	-2.77	3.09	5630	46.68	-3.31	0.67
5350	53.35	-2.73	3.02	5640	47.16	-3.26	0.69
5360	50.35	-2. 98	2.76	5650	46.11	-3.36	0.6
5370	50.3	-2.98	2.9	5660	45.17	-3. 45	0.69
5380	52.73	-2.78	3.13	5670	42.76	-3.69	0.66

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#### 3.2.15 OTA Passive Efficiency&Gain Test--BT&WIFI&GPS:

Freq	Effi	Effi	Gain
(MHz)	(%)	(dB)	(dBi)
5680	41.51	-3.82	0.95
5690	41.53	-3.82	0.85
5700	40.21	-3.96	0.93
5710	38.05	-4.2	0.97
5720	43.57	-4.37	0.81
5730	44.79	-4.23	0.79
5740	43.81	-4.34	0.99
5750	42.54	-4. 49	0.73
5760	41.54	-4.62	1.03
5770	40.21	-4.79	0.56
5780	37.82	-5.11	0.45
5790	37.58	-5.15	0.53
5800	37.26	-5.19	0
5810	34.16	-5. 66	-0.36
5820	34.49	-5. 61	-0.42
5830	34.13	-5. 67	-0.5
5840	33.16	-5. 82	-0.95
5850	31.2	-6.16	-1.44
5860	29.34	-6. 51	-1.7
5870	29. 73	-6. 43	-1.51
5880	28.62	-6.65	-1.11
5890	27.21	-6.94	-1.42
5900	25.7	-7. 28	-1.73
5910	24. 29	-7.62	-2.04
5920	24.67	-7.53	-1.65
5930	23.99	-7.7	-2
5940	23.02	-7.95	-2.54
5950	21.79	-8.3	-2.27
5960	22.36	-8.13	-2.37
5970	22.55	-8.08	-2.12
5980	21.7	-8.33	-2.75
5990	21.44	-8. 41	-3.06
6000	21.76	-8.31	-2.95

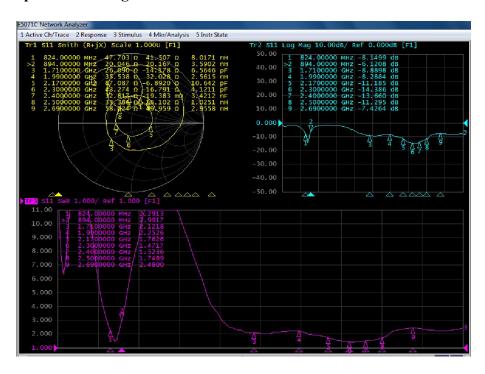


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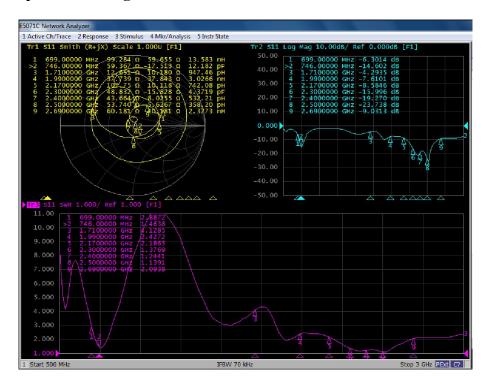
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#### 4. Attachment chart

#### 4.1 VSWR parameter diagram--B850--MAIN



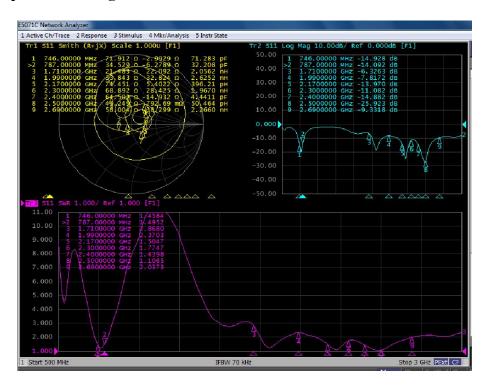
#### 4.2 VSWR parameter diagram--B12--MAIN



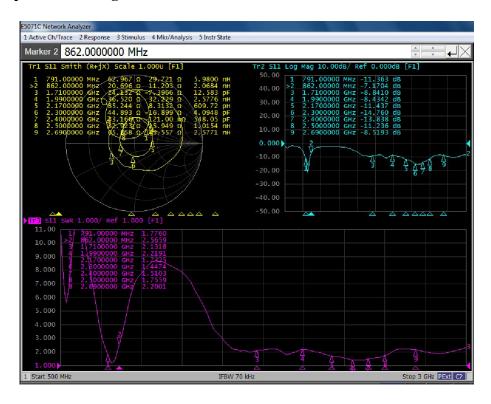
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# 4.3 VSWR parameter diagram--B13--MAIN



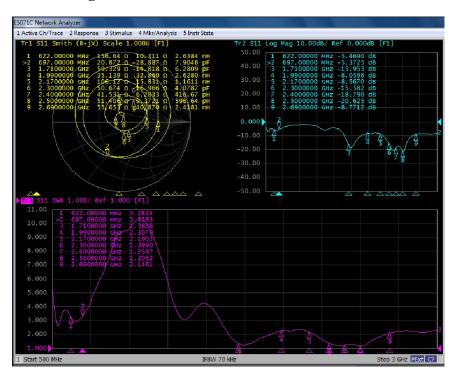
#### 4.4 VSWR parameter diagram--B20--MAIN



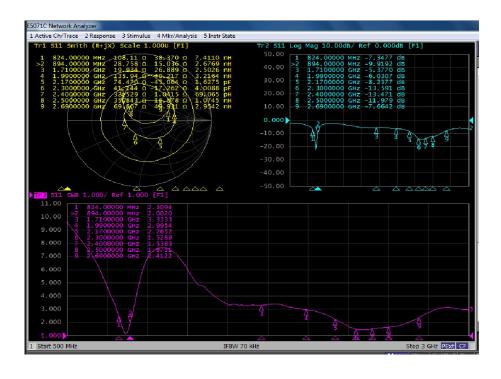
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#### 4.5 VSWR parameter diagram--B71--MAIN



#### 4.6 VSWR parameter diagram--B850--diversity



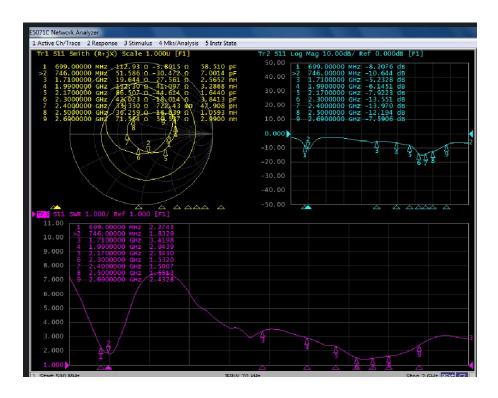
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#### 4.7 VSWR parameter diagram--B12--diversity



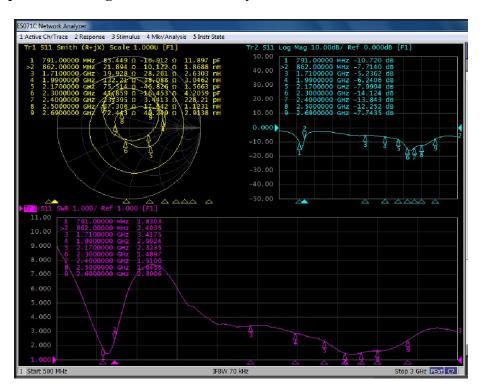
#### 4.8 VSWR parameter diagram--B13--diversity



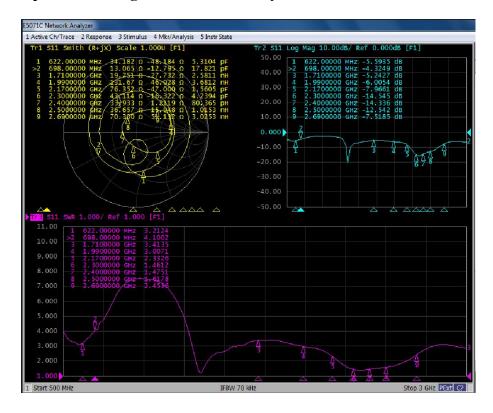
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#### 4.9 VSWR parameter diagram--B20--diversity



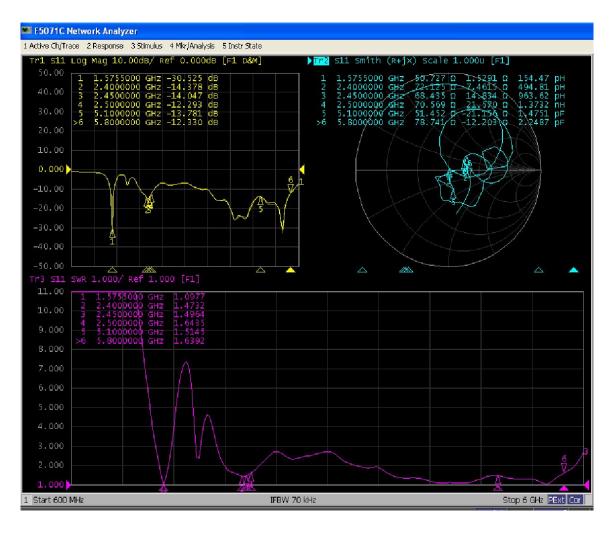
#### 4.9.1 VSWR parameter diagram--B71--diversity



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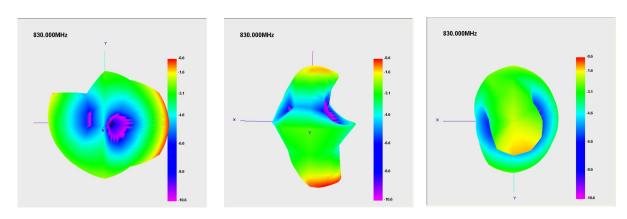
#### 4.9.2 VSWR parameter diagram--BT&WIFI&GPS



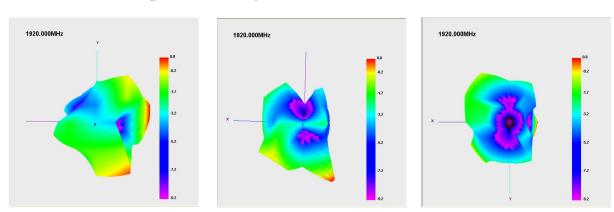
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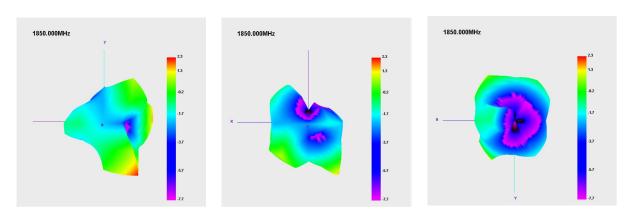
# 5. Passive field pattern diagram--B5/18/19/26--830MHz--MAIN



#### 5.1. Passive field pattern diagram--B1--1920MHz--MAIN



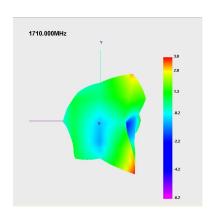
#### 5.2. Passive field pattern diagram--B2/B5--1850MHz--MAIN

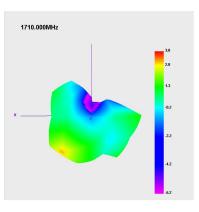


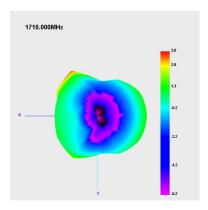
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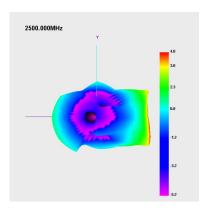
# 5.3. Passive field pattern diagram--B3/4/66--1710MHz--MAIN

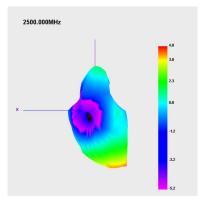


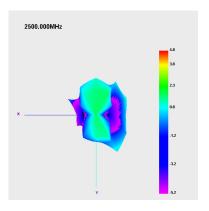




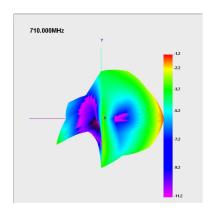
# 5.4. Passive field pattern diagram--B7/41--2500MHz--MAIN

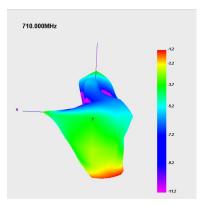


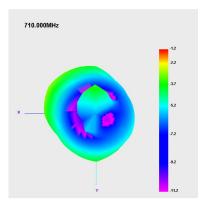




# 5.5. Passive field pattern diagram--B12/17--710MHz----MAIN



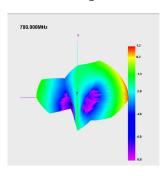


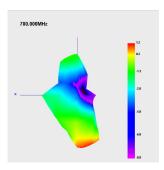


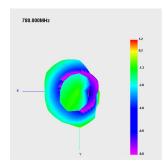
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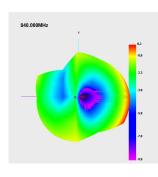
#### 5.6 Passive field pattern diagram--B13/14--780MHz----MAIN

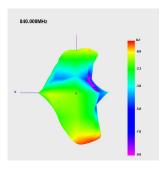


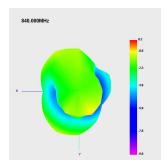




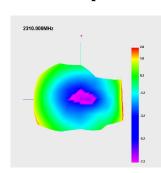
#### 5.7. Passive field pattern diagram--B20--840MHz----MAIN

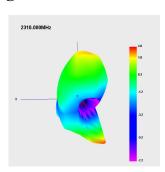


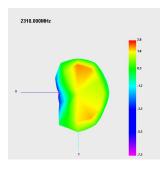




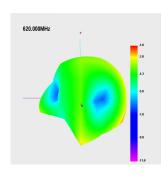
# 5.8 Passive field pattern diagram--B30--2310MHz----MAIN

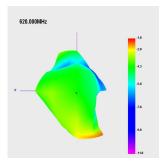


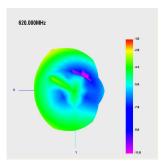




# 5.9 Passive field pattern diagram--B71--620MHz----MAIN



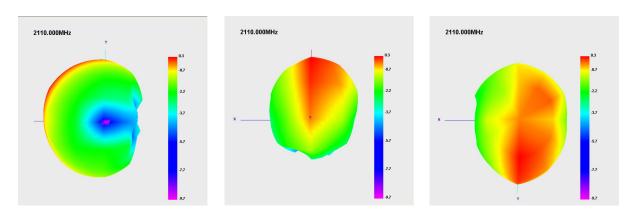




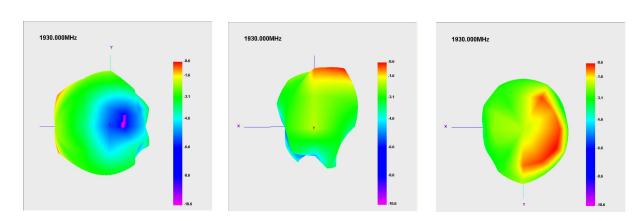
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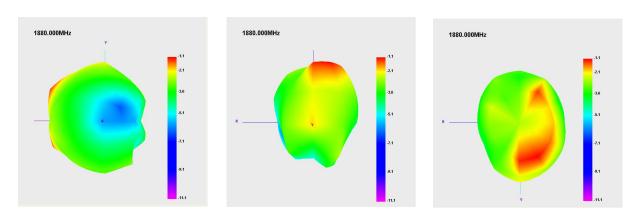
# 6.0 Passive field pattern diagram--B1/4/66--2110MHz--diversity



# 6.1. Passive field pattern diagram--B2/25--1930MHz--diversity



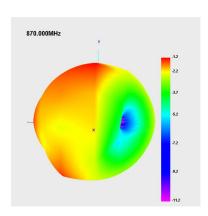
# 6.2. Passive field pattern diagram--B3--1880MHz--diversity

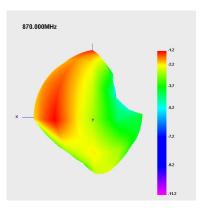


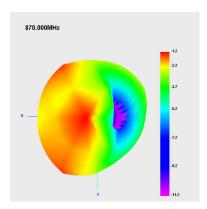
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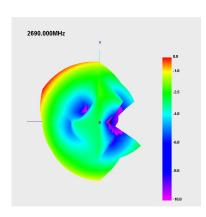
# 6.3. Passive field pattern diagram--B5/18/19/26--870MHz--diversity

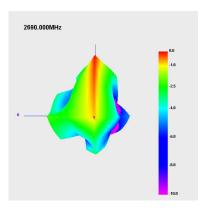


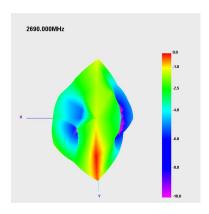




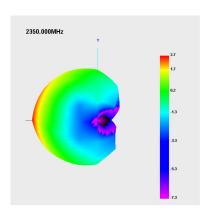
# 6.4. Passive field pattern diagram--B7/41--2690MHz--diversity

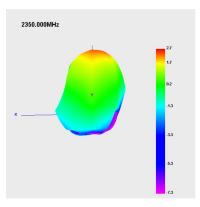


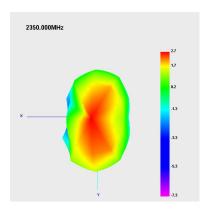




# 6.5. Passive field pattern diagram--B30--2350MHz--diversity



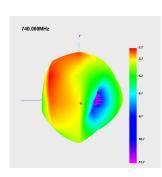


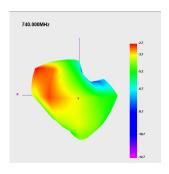


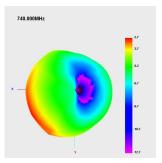
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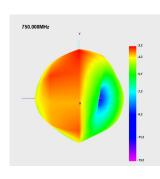
#### 6.6. Passive field pattern diagram--B12/17--740MHz--diversity

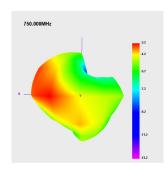


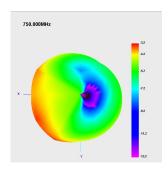




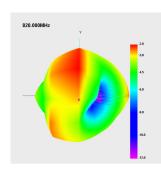
#### 6.7. Passive field pattern diagram--B13/14--750MHz--diversity

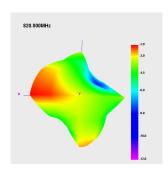


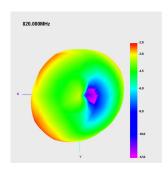




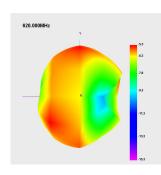
#### 6.8 Passive field pattern diagram--B20--820MHz--diversity

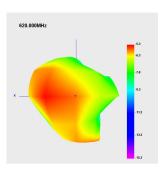


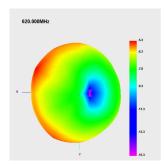




# 6.9. Passive field pattern diagram--B71--620MHz--diversity



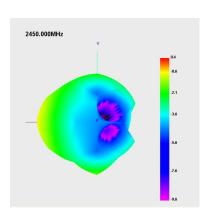


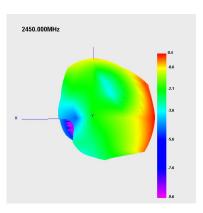


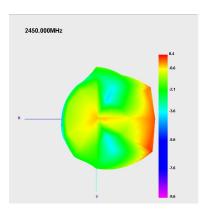
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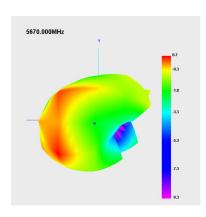
# 7.0. Passive field pattern diagram--WIFI--2450MHz

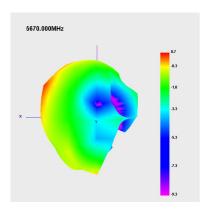


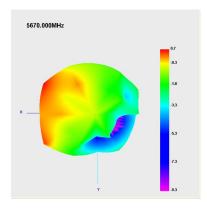




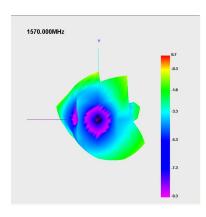
# 7.1. Passive field pattern diagram--WIFI--5670MHz

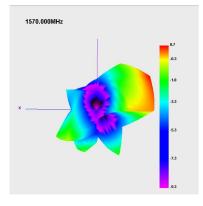


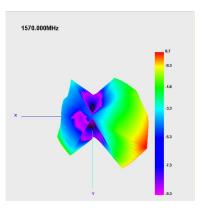




# 7.2. Passive field pattern diagram--GPS--1570MHz







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