



5 Frequency Stability

Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
20C 102V	a	5180	Ant1	5179.98	-20000	-3.86	25	Pass
20C 120V	a	5180	Ant1	5179.98	-20000	-3.86	25	Pass
20C 138V	a	5180	Ant1	5179.98	-20000	-3.86	25	Pass
10C 120V	a	5180	Ant1	5179.96	-40000	-7.72	25	Pass
30C 120V	a	5180	Ant1	5180	0	0	25	Pass
20C 102V	a	5200	Ant1	5199.98	-20000	-3.85	25	Pass
20C 120V	a	5200	Ant1	5199.96	-40000	-7.69	25	Pass
20C 138V	a	5200	Ant1	5199.98	-20000	-3.85	25	Pass
10C 120V	a	5200	Ant1	5200	0	0	25	Pass
30C 120V	a	5200	Ant1	5200	0	0	25	Pass
20C 102V	a	5240	Ant1	5239.96	-40000	-7.63	25	Pass
20C 120V	a	5240	Ant1	5240	0	0	25	Pass
20C 138V	a	5240	Ant1	5239.98	-20000	-3.82	25	Pass
10C 120V	a	5240	Ant1	5239.96	-40000	-7.63	25	Pass
30C 120V	a	5240	Ant1	5240	0	0	25	Pass
20C 102V	a	5745	Ant1	5744.96	-40000	-6.96	25	Pass
20C 120V	a	5745	Ant1	5744.98	-20000	-3.48	25	Pass
20C 138V	a	5745	Ant1	5744.98	-20000	-3.48	25	Pass
10C 120V	a	5745	Ant1	5745	0	0	25	Pass
30C 120V	a	5745	Ant1	5744.98	-20000	-3.48	25	Pass
20C 102V	a	5785	Ant1	5785	0	0	25	Pass
20C 120V	a	5785	Ant1	5784.98	-20000	-3.46	25	Pass
20C 138V	a	5785	Ant1	5784.98	-20000	-3.46	25	Pass
10C 120V	a	5785	Ant1	5785	0	0	25	Pass
30C 120V	a	5785	Ant1	5784.98	-20000	-3.46	25	Pass
20C 102V	a	5825	Ant1	5824.98	-20000	-3.43	25	Pass
20C 120V	a	5825	Ant1	5824.96	-40000	-6.87	25	Pass
20C 138V	a	5825	Ant1	5824.96	-40000	-6.87	25	Pass
10C 120V	a	5825	Ant1	5825	0	0	25	Pass
30C 120V	a	5825	Ant1	5825.02	20000	3.43	25	Pass
20C 102V	a	5180	Ant2	5179.98	-20000	-3.86	25	Pass
20C 120V	a	5180	Ant2	5180	0	0	25	Pass
20C 138V	a	5180	Ant2	5180	0	0	25	Pass
10C 120V	a	5180	Ant2	5180	0	0	25	Pass
30C 120V	a	5180	Ant2	5179.98	-20000	-3.86	25	Pass
20C 102V	a	5200	Ant2	5199.98	-20000	-3.85	25	Pass
20C 120V	a	5200	Ant2	5199.98	-20000	-3.85	25	Pass
20C 138V	a	5200	Ant2	5200	0	0	25	Pass
10C 120V	a	5200	Ant2	5199.96	-40000	-7.69	25	Pass
30C 120V	a	5200	Ant2	5199.98	-20000	-3.85	25	Pass
20C 102V	a	5240	Ant2	5239.98	-20000	-3.82	25	Pass
20C 120V	a	5240	Ant2	5239.96	-40000	-7.63	25	Pass
20C 138V	a	5240	Ant2	5239.98	-20000	-3.82	25	Pass
10C 120V	a	5240	Ant2	5239.98	-20000	-3.82	25	Pass
30C 120V	a	5240	Ant2	5240	0	0	25	Pass
20C 102V	a	5745	Ant2	5744.98	-20000	-3.48	25	Pass
20C 120V	a	5745	Ant2	5744.98	-20000	-3.48	25	Pass
20C 138V	a	5745	Ant2	5744.98	-20000	-3.48	25	Pass
10C 120V	a	5745	Ant2	5744.96	-40000	-6.96	25	Pass
30C 120V	a	5745	Ant2	5744.98	-20000	-3.48	25	Pass
20C 102V	a	5785	Ant2	5784.98	-20000	-3.46	25	Pass
20C 120V	a	5785	Ant2	5784.98	-20000	-3.46	25	Pass
20C 138V	a	5785	Ant2	5785	0	0	25	Pass
10C 120V	a	5785	Ant2	5784.98	-20000	-3.46	25	Pass
30C 120V	a	5785	Ant2	5784.98	-20000	-3.46	25	Pass
20C 102V	a	5825	Ant2	5824.98	-20000	-3.43	25	Pass
20C 120V	a	5825	Ant2	5824.98	-20000	-3.43	25	Pass
20C 138V	a	5825	Ant2	5824.98	-20000	-3.43	25	Pass
10C 120V	a	5825	Ant2	5825	0	0	25	Pass
30C 120V	a	5825	Ant2	5824.96	-40000	-6.87	25	Pass
10C 120V	a	5180	Ant1	5179.98	-20000	-3.86	25	Pass
30C 120V	a	5180	Ant1	5179.96	-40000	-7.72	25	Pass
20C 120V	a	5200	Ant1	5200	0	0	25	Pass
20C 138V	a	5200	Ant1	5200	0	0	25	Pass



10C 120V	a	5200	Ant1	5199.98	-20000	-3.85	25	Pass
20C 102V	a	5240	Ant1	5239.98	-20000	-3.82	25	Pass
20C 120V	a	5240	Ant1	5239.98	-20000	-3.82	25	Pass
20C 138V	a	5240	Ant1	5240	0	0	25	Pass
10C 120V	a	5240	Ant1	5240	0	0	25	Pass
20C 120V	a	5745	Ant1	5745.04	40000	6.96	25	Pass
30C 120V	a	5745	Ant1	5745	0	0	25	Pass
20C 120V	a	5785	Ant1	5785	0	0	25	Pass
20C 138V	a	5785	Ant1	5785.02	20000	3.46	25	Pass
10C 120V	a	5785	Ant1	5785.02	20000	3.46	25	Pass
30C 120V	a	5785	Ant1	5785	0	0	25	Pass
20C 102V	a	5825	Ant1	5825.02	20000	3.43	25	Pass
20C 120V	a	5825	Ant1	5825	0	0	25	Pass
20C 138V	a	5825	Ant1	5825	0	0	25	Pass
20C 102V	n20	5180	Ant1	5179.98	-20000	-3.86	25	Pass
20C 120V	n20	5180	Ant1	5179.98	-20000	-3.86	25	Pass
20C 138V	n20	5180	Ant1	5180	0	0	25	Pass
10C 120V	n20	5180	Ant1	5179.98	-20000	-3.86	25	Pass
30C 120V	n20	5180	Ant1	5180.02	20000	3.86	25	Pass
20C 102V	n20	5200	Ant1	5200	0	0	25	Pass
20C 120V	n20	5200	Ant1	5199.98	-20000	-3.85	25	Pass
20C 138V	n20	5200	Ant1	5199.98	-20000	-3.85	25	Pass
10C 120V	n20	5200	Ant1	5200	0	0	25	Pass
30C 120V	n20	5200	Ant1	5200	0	0	25	Pass
20C 102V	n20	5240	Ant1	5239.96	-40000	-7.63	25	Pass
20C 120V	n20	5240	Ant1	5239.98	-20000	-3.82	25	Pass
20C 138V	n20	5240	Ant1	5239.98	-20000	-3.82	25	Pass
10C 120V	n20	5240	Ant1	5239.98	-20000	-3.82	25	Pass
30C 120V	n20	5240	Ant1	5239.98	-20000	-3.82	25	Pass
20C 102V	n20	5745	Ant1	5744.98	-20000	-3.48	25	Pass
20C 120V	n20	5745	Ant1	5744.96	-40000	-6.96	25	Pass
20C 138V	n20	5745	Ant1	5744.98	-20000	-3.48	25	Pass
10C 120V	n20	5745	Ant1	5744.98	-20000	-3.48	25	Pass
30C 120V	n20	5745	Ant1	5744.96	-40000	-6.96	25	Pass
20C 102V	n20	5785	Ant1	5784.98	-20000	-3.46	25	Pass
20C 120V	n20	5785	Ant1	5785	0	0	25	Pass
20C 138V	n20	5785	Ant1	5784.96	-40000	-6.91	25	Pass
10C 120V	n20	5785	Ant1	5785	0	0	25	Pass
30C 120V	n20	5785	Ant1	5785	0	0	25	Pass
20C 102V	n20	5825	Ant1	5825	0	0	25	Pass
20C 120V	n20	5825	Ant1	5824.98	-20000	-3.43	25	Pass
20C 138V	n20	5825	Ant1	5824.96	-40000	-6.87	25	Pass
10C 120V	n20	5825	Ant1	5824.98	-20000	-3.43	25	Pass
30C 120V	n20	5825	Ant1	5824.96	-40000	-6.87	25	Pass
20C 102V	n20	5180	Ant2	5179.98	-20000	-3.86	25	Pass
20C 120V	n20	5180	Ant2	5179.96	-40000	-7.72	25	Pass
20C 138V	n20	5180	Ant2	5179.98	-20000	-3.86	25	Pass
10C 120V	n20	5180	Ant2	5179.98	-20000	-3.86	25	Pass
30C 120V	n20	5180	Ant2	5179.96	-40000	-7.72	25	Pass
20C 102V	n20	5200	Ant2	5200	0	0	25	Pass
20C 120V	n20	5200	Ant2	5199.98	-20000	-3.85	25	Pass
20C 138V	n20	5200	Ant2	5199.98	-20000	-3.85	25	Pass
10C 120V	n20	5200	Ant2	5199.98	-20000	-3.85	25	Pass
30C 120V	n20	5200	Ant2	5199.98	-20000	-3.85	25	Pass
20C 102V	n20	5240	Ant2	5239.98	-20000	-3.82	25	Pass
20C 120V	n20	5240	Ant2	5240	0	0	25	Pass
20C 138V	n20	5240	Ant2	5239.98	-20000	-3.82	25	Pass
10C 120V	n20	5240	Ant2	5239.98	-20000	-3.82	25	Pass
30C 120V	n20	5240	Ant2	5239.98	-20000	-3.82	25	Pass
20C 102V	n20	5745	Ant2	5745	0	0	25	Pass
20C 120V	n20	5745	Ant2	5745	0	0	25	Pass
20C 138V	n20	5745	Ant2	5745	0	0	25	Pass
10C 120V	n20	5745	Ant2	5744.98	-20000	-3.48	25	Pass
30C 120V	n20	5745	Ant2	5745	0	0	25	Pass
20C 102V	n20	5785	Ant2	5784.98	-20000	-3.46	25	Pass
20C 120V	n20	5785	Ant2	5784.98	-20000	-3.46	25	Pass
20C 138V	n20	5785	Ant2	5785	0	0	25	Pass
10C 120V	n20	5785	Ant2	5784.98	-20000	-3.46	25	Pass
30C 120V	n20	5785	Ant2	5784.98	-20000	-3.46	25	Pass



20C 102V	n20	5825	Ant2	5824.98	-20000	-3.43	25	Pass
20C 120V	n20	5825	Ant2	5825	0	0	25	Pass
20C 138V	n20	5825	Ant2	5825	0	0	25	Pass
10C 120V	n20	5825	Ant2	5825	0	0	25	Pass
30C 120V	n20	5825	Ant2	5824.96	-40000	-6.87	25	Pass
20C 102V	n20	5180	Ant1	5180	0	0	25	Pass
20C 120V	n20	5180	Ant1	5180.04	40000	7.72	25	Pass
20C 138V	n20	5180	Ant1	5180.02	20000	3.86	25	Pass
10C 120V	n20	5180	Ant1	5180	0	0	25	Pass
20C 120V	n20	5200	Ant1	5200.02	20000	3.85	25	Pass
20C 138V	n20	5200	Ant1	5200.02	20000	3.85	25	Pass
10C 120V	n20	5200	Ant1	5200.02	20000	3.85	25	Pass
20C 102V	n20	5240	Ant1	5240	0	0	25	Pass
20C 120V	n20	5240	Ant1	5240	0	0	25	Pass
20C 138V	n20	5240	Ant1	5240.02	20000	3.82	25	Pass
10C 120V	n20	5240	Ant1	5240	0	0	25	Pass
30C 120V	n20	5240	Ant1	5240	0	0	25	Pass
20C 102V	n20	5745	Ant1	5745	0	0	25	Pass
20C 120V	n20	5745	Ant1	5745	0	0	25	Pass
20C 138V	n20	5745	Ant1	5745.02	20000	3.48	25	Pass
10C 120V	n20	5745	Ant1	5745	0	0	25	Pass
30C 120V	n20	5745	Ant1	5745.02	20000	3.48	25	Pass
20C 102V	n20	5785	Ant1	5785.02	20000	3.46	25	Pass
20C 120V	n20	5785	Ant1	5785.04	40000	6.91	25	Pass
20C 138V	n20	5785	Ant1	5785.02	20000	3.46	25	Pass
30C 120V	n20	5785	Ant1	5785.02	20000	3.46	25	Pass
20C 102V	n20	5825	Ant1	5825.02	20000	3.43	25	Pass
20C 120V	n20	5825	Ant1	5825.02	20000	3.43	25	Pass
20C 138V	n20	5825	Ant1	5825.02	20000	3.43	25	Pass
10C 120V	n20	5825	Ant1	5825	0	0	25	Pass
30C 120V	n20	5825	Ant1	5825.04	40000	6.87	25	Pass
20C 102V	n40	5190	Ant1	5190	0	0	25	Pass
20C 120V	n40	5190	Ant1	5190	0	0	25	Pass
20C 138V	n40	5190	Ant1	5190	0	0	25	Pass
10C 120V	n40	5190	Ant1	5190	0	0	25	Pass
30C 120V	n40	5190	Ant1	5190	0	0	25	Pass
20C 102V	n40	5230	Ant1	5230	0	0	25	Pass
20C 120V	n40	5230	Ant1	5230	0	0	25	Pass
20C 138V	n40	5230	Ant1	5230	0	0	25	Pass
10C 120V	n40	5230	Ant1	5230	0	0	25	Pass
30C 120V	n40	5230	Ant1	5230	0	0	25	Pass
20C 102V	n40	5755	Ant1	5755	0	0	25	Pass
20C 120V	n40	5755	Ant1	5755	0	0	25	Pass
20C 138V	n40	5755	Ant1	5754.96	-40000	-6.95	25	Pass
10C 120V	n40	5755	Ant1	5755	0	0	25	Pass
30C 120V	n40	5755	Ant1	5755	0	0	25	Pass
20C 102V	n40	5795	Ant1	5794.96	-40000	-6.9	25	Pass
20C 120V	n40	5795	Ant1	5795	0	0	25	Pass
20C 138V	n40	5795	Ant1	5794.96	-40000	-6.9	25	Pass
10C 120V	n40	5795	Ant1	5794.96	-40000	-6.9	25	Pass
30C 120V	n40	5795	Ant1	5794.96	-40000	-6.9	25	Pass
20C 102V	n40	5190	Ant2	5190	0	0	25	Pass
20C 120V	n40	5190	Ant2	5190	0	0	25	Pass
20C 138V	n40	5190	Ant2	5190	0	0	25	Pass
10C 120V	n40	5190	Ant2	5190	0	0	25	Pass
30C 120V	n40	5190	Ant2	5189.96	-40000	-7.71	25	Pass
20C 102V	n40	5230	Ant2	5230	0	0	25	Pass
20C 120V	n40	5230	Ant2	5230	0	0	25	Pass
20C 138V	n40	5230	Ant2	5230	0	0	25	Pass
10C 120V	n40	5230	Ant2	5230	0	0	25	Pass
30C 120V	n40	5230	Ant2	5230	0	0	25	Pass
20C 102V	n40	5755	Ant2	5755	0	0	25	Pass
20C 120V	n40	5755	Ant2	5755	0	0	25	Pass
20C 138V	n40	5755	Ant2	5755	0	0	25	Pass
10C 120V	n40	5755	Ant2	5755	0	0	25	Pass
30C 120V	n40	5755	Ant2	5755	0	0	25	Pass
20C 102V	n40	5795	Ant2	5795	0	0	25	Pass
20C 120V	n40	5795	Ant2	5795	0	0	25	Pass
20C 138V	n40	5795	Ant2	5794.96	-40000	-6.9	25	Pass



10C 120V	n40	5795	Ant2	5795	0	0	25	Pass
30C 120V	n40	5795	Ant2	5795	0	0	25	Pass
20C 120V	n40	5190	Ant1	5189.96	-40000	-7.71	25	Pass
20C 102V	n40	5230	Ant1	5229.96	-40000	-7.65	25	Pass
20C 120V	n40	5230	Ant1	5229.96	-40000	-7.65	25	Pass
30C 120V	n40	5230	Ant1	5229.96	-40000	-7.65	25	Pass
30C 120V	n40	5755	Ant1	5754.96	-40000	-6.95	25	Pass
20C 138V	n40	5795	Ant1	5795	0	0	25	Pass
20C 102V	ac20	5180	Ant1	5179.98	-20000	-3.86	25	Pass
20C 120V	ac20	5180	Ant1	5180	0	0	25	Pass
20C 138V	ac20	5180	Ant1	5179.96	-40000	-7.72	25	Pass
10C 120V	ac20	5180	Ant1	5180	0	0	25	Pass
30C 120V	ac20	5180	Ant1	5179.98	-20000	-3.86	25	Pass
20C 102V	ac20	5200	Ant1	5199.96	-40000	-7.69	25	Pass
20C 120V	ac20	5200	Ant1	5200	0	0	25	Pass
20C 138V	ac20	5200	Ant1	5200	0	0	25	Pass
10C 120V	ac20	5200	Ant1	5199.98	-20000	-3.85	25	Pass
30C 120V	ac20	5200	Ant1	5199.98	-20000	-3.85	25	Pass
20C 102V	ac20	5240	Ant1	5239.96	-40000	-7.63	25	Pass
20C 120V	ac20	5240	Ant1	5240	0	0	25	Pass
20C 138V	ac20	5240	Ant1	5240	0	0	25	Pass
10C 120V	ac20	5240	Ant1	5239.98	-20000	-3.82	25	Pass
30C 120V	ac20	5240	Ant1	5239.98	-20000	-3.82	25	Pass
20C 102V	ac20	5745	Ant1	5744.96	-40000	-6.96	25	Pass
20C 120V	ac20	5745	Ant1	5744.96	-40000	-6.96	25	Pass
20C 138V	ac20	5745	Ant1	5744.98	-20000	-3.48	25	Pass
10C 120V	ac20	5745	Ant1	5745	0	0	25	Pass
30C 120V	ac20	5745	Ant1	5745	0	0	25	Pass
20C 102V	ac20	5785	Ant1	5784.98	-20000	-3.46	25	Pass
20C 120V	ac20	5785	Ant1	5785	0	0	25	Pass
20C 138V	ac20	5785	Ant1	5784.96	-40000	-6.91	25	Pass
10C 120V	ac20	5785	Ant1	5784.98	-20000	-3.46	25	Pass
30C 120V	ac20	5785	Ant1	5784.96	-40000	-6.91	25	Pass
20C 102V	ac20	5825	Ant1	5824.96	-40000	-6.87	25	Pass
20C 120V	ac20	5825	Ant1	5824.98	-20000	-3.43	25	Pass
20C 138V	ac20	5825	Ant1	5824.98	-20000	-3.43	25	Pass
10C 120V	ac20	5825	Ant1	5824.98	-20000	-3.43	25	Pass
30C 120V	ac20	5825	Ant1	5825	0	0	25	Pass
20C 102V	ac20	5180	Ant2	5179.98	-20000	-3.86	25	Pass
20C 120V	ac20	5180	Ant2	5180	0	0	25	Pass
20C 138V	ac20	5180	Ant2	5179.98	-20000	-3.86	25	Pass
10C 120V	ac20	5180	Ant2	5180	0	0	25	Pass
30C 120V	ac20	5180	Ant2	5180.02	20000	3.86	25	Pass
20C 102V	ac20	5200	Ant2	5199.96	-40000	-7.69	25	Pass
20C 120V	ac20	5200	Ant2	5199.98	-20000	-3.85	25	Pass
20C 138V	ac20	5200	Ant2	5199.96	-40000	-7.69	25	Pass
10C 120V	ac20	5200	Ant2	5199.98	-20000	-3.85	25	Pass
30C 120V	ac20	5200	Ant2	5199.98	-20000	-3.85	25	Pass
20C 102V	ac20	5240	Ant2	5239.98	-20000	-3.82	25	Pass
20C 120V	ac20	5240	Ant2	5239.96	-40000	-7.63	25	Pass
20C 138V	ac20	5240	Ant2	5239.98	-20000	-3.82	25	Pass
10C 120V	ac20	5240	Ant2	5239.98	-20000	-3.82	25	Pass
30C 120V	ac20	5240	Ant2	5240	0	0	25	Pass
20C 102V	ac20	5745	Ant2	5744.98	-20000	-3.48	25	Pass
20C 120V	ac20	5745	Ant2	5745	0	0	25	Pass
20C 138V	ac20	5745	Ant2	5745	0	0	25	Pass
10C 120V	ac20	5745	Ant2	5745	0	0	25	Pass
30C 120V	ac20	5745	Ant2	5744.96	-40000	-6.96	25	Pass
20C 102V	ac20	5785	Ant2	5785	0	0	25	Pass
20C 120V	ac20	5785	Ant2	5785	0	0	25	Pass
20C 138V	ac20	5785	Ant2	5785	0	0	25	Pass
10C 120V	ac20	5785	Ant2	5785	0	0	25	Pass
30C 120V	ac20	5785	Ant2	5784.98	-20000	-3.46	25	Pass
20C 102V	ac20	5825	Ant2	5825	0	0	25	Pass
20C 120V	ac20	5825	Ant2	5825	0	0	25	Pass
20C 138V	ac20	5825	Ant2	5825	0	0	25	Pass
10C 120V	ac20	5825	Ant2	5824.96	-40000	-6.87	25	Pass
30C 120V	ac20	5825	Ant2	5824.98	-20000	-3.43	25	Pass
20C 102V	ac20	5180	Ant1	5180.04	40000	7.72	25	Pass



20C 120V	ac20	5180	Ant1	5180.04	40000	7.72	25	Pass
20C 138V	ac20	5180	Ant1	5180.04	40000	7.72	25	Pass
10C 120V	ac20	5180	Ant1	5180.04	40000	7.72	25	Pass
30C 120V	ac20	5180	Ant1	5180.04	40000	7.72	25	Pass
20C 102V	ac20	5200	Ant1	5200.04	40000	7.69	25	Pass
20C 120V	ac20	5200	Ant1	5200.02	20000	3.85	25	Pass
20C 138V	ac20	5200	Ant1	5200.04	40000	7.69	25	Pass
10C 120V	ac20	5200	Ant1	5200	0	0	25	Pass
30C 120V	ac20	5200	Ant1	5200.04	40000	7.69	25	Pass
20C 102V	ac20	5240	Ant1	5240.04	40000	7.63	25	Pass
20C 120V	ac20	5240	Ant1	5240.04	40000	7.63	25	Pass
20C 138V	ac20	5240	Ant1	5240.04	40000	7.63	25	Pass
10C 120V	ac20	5240	Ant1	5240.02	20000	3.82	25	Pass
30C 120V	ac20	5240	Ant1	5240.02	20000	3.82	25	Pass
20C 102V	ac20	5745	Ant1	5745.04	40000	6.96	25	Pass
20C 120V	ac20	5745	Ant1	5745.04	40000	6.96	25	Pass
20C 138V	ac20	5745	Ant1	5745.04	40000	6.96	25	Pass
10C 120V	ac20	5745	Ant1	5745.02	20000	3.48	25	Pass
30C 120V	ac20	5745	Ant1	5745.04	40000	6.96	25	Pass
20C 102V	ac20	5785	Ant1	5785.04	40000	6.91	25	Pass
20C 120V	ac20	5785	Ant1	5785.04	40000	6.91	25	Pass
20C 138V	ac20	5785	Ant1	5785.04	40000	6.91	25	Pass
10C 120V	ac20	5785	Ant1	5785.04	40000	6.91	25	Pass
30C 120V	ac20	5785	Ant1	5785.04	40000	6.91	25	Pass
20C 102V	ac20	5825	Ant1	5825.02	20000	3.43	25	Pass
20C 120V	ac20	5825	Ant1	5825.02	20000	3.43	25	Pass
20C 138V	ac20	5825	Ant1	5825.04	40000	6.87	25	Pass
10C 120V	ac20	5825	Ant1	5825.04	40000	6.87	25	Pass
30C 120V	ac20	5825	Ant1	5825.04	40000	6.87	25	Pass
20C 102V	ac40	5190	Ant1	5190	0	0	25	Pass
20C 120V	ac40	5190	Ant1	5190	0	0	25	Pass
20C 138V	ac40	5190	Ant1	5190	0	0	25	Pass
10C 120V	ac40	5190	Ant1	5190	0	0	25	Pass
30C 120V	ac40	5190	Ant1	5190	0	0	25	Pass
20C 102V	ac40	5230	Ant1	5229.96	-40000	-7.65	25	Pass
20C 120V	ac40	5230	Ant1	5230	0	0	25	Pass
20C 138V	ac40	5230	Ant1	5230	0	0	25	Pass
10C 120V	ac40	5230	Ant1	5230	0	0	25	Pass
30C 120V	ac40	5230	Ant1	5229.96	-40000	-7.65	25	Pass
20C 102V	ac40	5755	Ant1	5755	0	0	25	Pass
20C 120V	ac40	5755	Ant1	5754.96	-40000	-6.95	25	Pass
20C 138V	ac40	5755	Ant1	5755	0	0	25	Pass
10C 120V	ac40	5755	Ant1	5754.96	-40000	-6.95	25	Pass
30C 120V	ac40	5755	Ant1	5754.96	-40000	-6.95	25	Pass
20C 102V	ac40	5795	Ant1	5795	0	0	25	Pass
20C 120V	ac40	5795	Ant1	5794.96	-40000	-6.9	25	Pass
20C 138V	ac40	5795	Ant1	5794.96	-40000	-6.9	25	Pass
10C 120V	ac40	5795	Ant1	5795	0	0	25	Pass
30C 120V	ac40	5795	Ant1	5795	0	0	25	Pass
20C 102V	ac40	5190	Ant2	5190	0	0	25	Pass
20C 120V	ac40	5190	Ant2	5190	0	0	25	Pass
20C 138V	ac40	5190	Ant2	5190	0	0	25	Pass
10C 120V	ac40	5190	Ant2	5190	0	0	25	Pass
30C 120V	ac40	5190	Ant2	5190	0	0	25	Pass
20C 102V	ac40	5230	Ant2	5230	0	0	25	Pass
20C 120V	ac40	5230	Ant2	5230	0	0	25	Pass
20C 138V	ac40	5230	Ant2	5230	0	0	25	Pass
10C 120V	ac40	5230	Ant2	5230	0	0	25	Pass
30C 120V	ac40	5230	Ant2	5230	0	0	25	Pass
20C 102V	ac40	5755	Ant2	5754.96	-40000	-6.95	25	Pass
20C 120V	ac40	5755	Ant2	5755	0	0	25	Pass
20C 138V	ac40	5755	Ant2	5755	0	0	25	Pass
10C 120V	ac40	5755	Ant2	5755	0	0	25	Pass
30C 120V	ac40	5755	Ant2	5755	0	0	25	Pass
20C 102V	ac40	5795	Ant2	5794.96	-40000	-6.9	25	Pass
20C 120V	ac40	5795	Ant2	5794.96	-40000	-6.9	25	Pass
20C 138V	ac40	5795	Ant2	5795	0	0	25	Pass
10C 120V	ac40	5795	Ant2	5794.96	-40000	-6.9	25	Pass
30C 120V	ac40	5795	Ant2	5795	0	0	25	Pass



20C 102V	ac40	5190	Ant1	5189.96	-40000	-7.71	25	Pass
20C 102V	ac40	5230	Ant1	5230	0	0	25	Pass
10C 120V	ac40	5230	Ant1	5229.96	-40000	-7.65	25	Pass
20C 120V	ac40	5755	Ant1	5755	0	0	25	Pass
10C 120V	ac40	5755	Ant1	5755	0	0	25	Pass
30C 120V	ac40	5755	Ant1	5755	0	0	25	Pass
20C 138V	ac40	5795	Ant1	5795	0	0	25	Pass
10C 120V	ac40	5795	Ant1	5794.96	-40000	-6.9	25	Pass
20C 102V	ac80	5210	Ant1	5210	0	0	25	Pass
20C 120V	ac80	5210	Ant1	5210	0	0	25	Pass
20C 138V	ac80	5210	Ant1	5210	0	0	25	Pass
10C 120V	ac80	5210	Ant1	5210	0	0	25	Pass
30C 120V	ac80	5210	Ant1	5210	0	0	25	Pass
20C 102V	ac80	5775	Ant1	5775	0	0	25	Pass
20C 120V	ac80	5775	Ant1	5775	0	0	25	Pass
20C 138V	ac80	5775	Ant1	5775	0	0	25	Pass
10C 120V	ac80	5775	Ant1	5775	0	0	25	Pass
30C 120V	ac80	5775	Ant1	5775	0	0	25	Pass
20C 102V	ac80	5210	Ant2	5210	0	0	25	Pass
20C 120V	ac80	5210	Ant2	5210	0	0	25	Pass
20C 138V	ac80	5210	Ant2	5210	0	0	25	Pass
10C 120V	ac80	5210	Ant2	5210	0	0	25	Pass
30C 120V	ac80	5210	Ant2	5210	0	0	25	Pass
20C 102V	ac80	5775	Ant2	5775	0	0	25	Pass
20C 120V	ac80	5775	Ant2	5775	0	0	25	Pass
20C 138V	ac80	5775	Ant2	5775	0	0	25	Pass
10C 120V	ac80	5775	Ant2	5775	0	0	25	Pass
30C 120V	ac80	5775	Ant2	5775	0	0	25	Pass
20C 102V	ax20	5180	Ant1	5179.98	-20000	-3.86	25	Pass
20C 120V	ax20	5180	Ant1	5180	0	0	25	Pass
20C 138V	ax20	5180	Ant1	5180	0	0	25	Pass
10C 120V	ax20	5180	Ant1	5180	0	0	25	Pass
30C 120V	ax20	5180	Ant1	5180	0	0	25	Pass
20C 102V	ax20	5200	Ant1	5199.98	-20000	-3.85	25	Pass
20C 120V	ax20	5200	Ant1	5200	0	0	25	Pass
20C 138V	ax20	5200	Ant1	5199.98	-20000	-3.85	25	Pass
10C 120V	ax20	5200	Ant1	5199.98	-20000	-3.85	25	Pass
30C 120V	ax20	5200	Ant1	5200	0	0	25	Pass
20C 102V	ax20	5240	Ant1	5239.96	-40000	-7.63	25	Pass
20C 120V	ax20	5240	Ant1	5240	0	0	25	Pass
20C 138V	ax20	5240	Ant1	5239.98	-20000	-3.82	25	Pass
10C 120V	ax20	5240	Ant1	5240	0	0	25	Pass
30C 120V	ax20	5240	Ant1	5239.96	-40000	-7.63	25	Pass
20C 102V	ax20	5745	Ant1	5744.96	-40000	-6.96	25	Pass
20C 120V	ax20	5745	Ant1	5744.98	-20000	-3.48	25	Pass
20C 138V	ax20	5745	Ant1	5745	0	0	25	Pass
10C 120V	ax20	5745	Ant1	5744.98	-20000	-3.48	25	Pass
30C 120V	ax20	5745	Ant1	5744.96	-40000	-6.96	25	Pass
20C 102V	ax20	5785	Ant1	5784.96	-40000	-6.91	25	Pass
20C 120V	ax20	5785	Ant1	5784.98	-20000	-3.46	25	Pass
20C 138V	ax20	5785	Ant1	5784.98	-20000	-3.46	25	Pass
10C 120V	ax20	5785	Ant1	5785	0	0	25	Pass
30C 120V	ax20	5785	Ant1	5784.96	-40000	-6.91	25	Pass
20C 102V	ax20	5825	Ant1	5824.96	-40000	-6.87	25	Pass
20C 120V	ax20	5825	Ant1	5824.96	-40000	-6.87	25	Pass
20C 138V	ax20	5825	Ant1	5825	0	0	25	Pass
10C 120V	ax20	5825	Ant1	5824.98	-20000	-3.43	25	Pass
30C 120V	ax20	5825	Ant1	5824.96	-40000	-6.87	25	Pass
20C 102V	ax20	5180	Ant2	5180	0	0	25	Pass
20C 120V	ax20	5180	Ant2	5180	0	0	25	Pass
20C 138V	ax20	5180	Ant2	5180	0	0	25	Pass
10C 120V	ax20	5180	Ant2	5180	0	0	25	Pass
30C 120V	ax20	5180	Ant2	5180	0	0	25	Pass
20C 102V	ax20	5200	Ant2	5199.98	-20000	-3.85	25	Pass
20C 120V	ax20	5200	Ant2	5199.98	-20000	-3.85	25	Pass
20C 138V	ax20	5200	Ant2	5199.98	-20000	-3.85	25	Pass
10C 120V	ax20	5200	Ant2	5199.98	-20000	-3.85	25	Pass
30C 120V	ax20	5200	Ant2	5199.98	-20000	-3.85	25	Pass
20C 102V	ax20	5240	Ant2	5239.98	-20000	-3.82	25	Pass



20C 120V	ax20	5240	Ant2	5239.98	-20000	-3.82	25	Pass
20C 138V	ax20	5240	Ant2	5240	0	0	25	Pass
10C 120V	ax20	5240	Ant2	5239.96	-40000	-7.63	25	Pass
30C 120V	ax20	5240	Ant2	5240	0	0	25	Pass
20C 102V	ax20	5745	Ant2	5744.98	-20000	-3.48	25	Pass
20C 120V	ax20	5745	Ant2	5744.98	-20000	-3.48	25	Pass
20C 138V	ax20	5745	Ant2	5744.98	-20000	-3.48	25	Pass
10C 120V	ax20	5745	Ant2	5744.96	-40000	-6.96	25	Pass
30C 120V	ax20	5745	Ant2	5745	0	0	25	Pass
20C 102V	ax20	5785	Ant2	5784.98	-20000	-3.46	25	Pass
20C 120V	ax20	5785	Ant2	5784.98	-20000	-3.46	25	Pass
20C 138V	ax20	5785	Ant2	5785	0	0	25	Pass
10C 120V	ax20	5785	Ant2	5784.96	-40000	-6.91	25	Pass
30C 120V	ax20	5785	Ant2	5784.98	-20000	-3.46	25	Pass
20C 102V	ax20	5825	Ant2	5824.98	-20000	-3.43	25	Pass
20C 120V	ax20	5825	Ant2	5825	0	0	25	Pass
20C 138V	ax20	5825	Ant2	5824.96	-40000	-6.87	25	Pass
10C 120V	ax20	5825	Ant2	5824.98	-20000	-3.43	25	Pass
30C 120V	ax20	5825	Ant2	5824.98	-20000	-3.43	25	Pass
20C 102V	ax20	5180	Ant1	5180.04	40000	7.72	25	Pass
20C 120V	ax20	5180	Ant1	5180.06	60000	11.58	25	Pass
20C 138V	ax20	5180	Ant1	5180.04	40000	7.72	25	Pass
10C 120V	ax20	5180	Ant1	5180.04	40000	7.72	25	Pass
30C 120V	ax20	5180	Ant1	5180.04	40000	7.72	25	Pass
20C 102V	ax20	5200	Ant1	5200.04	40000	7.69	25	Pass
20C 120V	ax20	5200	Ant1	5200.04	40000	7.69	25	Pass
20C 138V	ax20	5200	Ant1	5200.04	40000	7.69	25	Pass
10C 120V	ax20	5200	Ant1	5200.04	40000	7.69	25	Pass
30C 120V	ax20	5200	Ant1	5200.04	40000	7.69	25	Pass
20C 102V	ax20	5240	Ant1	5240.04	40000	7.63	25	Pass
20C 120V	ax20	5240	Ant1	5240.04	40000	7.63	25	Pass
20C 138V	ax20	5240	Ant1	5240.04	40000	7.63	25	Pass
10C 120V	ax20	5240	Ant1	5240.04	40000	7.63	25	Pass
30C 120V	ax20	5240	Ant1	5240.04	40000	7.63	25	Pass
20C 102V	ax20	5745	Ant1	5745.04	40000	6.96	25	Pass
20C 120V	ax20	5745	Ant1	5745.04	40000	6.96	25	Pass
20C 138V	ax20	5745	Ant1	5745.04	40000	6.96	25	Pass
10C 120V	ax20	5745	Ant1	5745.04	40000	6.96	25	Pass
30C 120V	ax20	5745	Ant1	5745.04	40000	6.96	25	Pass
20C 102V	ax20	5785	Ant1	5785.04	40000	6.91	25	Pass
20C 120V	ax20	5785	Ant1	5785.04	40000	6.91	25	Pass
20C 138V	ax20	5785	Ant1	5785.04	40000	6.91	25	Pass
10C 120V	ax20	5785	Ant1	5785.04	40000	6.91	25	Pass
30C 120V	ax20	5785	Ant1	5785.04	40000	6.91	25	Pass
20C 102V	ax20	5825	Ant1	5825.04	40000	6.87	25	Pass
20C 120V	ax20	5825	Ant1	5825.06	60000	10.3	25	Pass
20C 138V	ax20	5825	Ant1	5825.04	40000	6.87	25	Pass
10C 120V	ax20	5825	Ant1	5825.04	40000	6.87	25	Pass
30C 120V	ax20	5825	Ant1	5825.04	40000	6.87	25	Pass
20C 102V	ax40	5190	Ant1	5189.96	-40000	-7.71	25	Pass
20C 120V	ax40	5190	Ant1	5189.96	-40000	-7.71	25	Pass
20C 138V	ax40	5190	Ant1	5189.96	-40000	-7.71	25	Pass
10C 120V	ax40	5190	Ant1	5189.96	-40000	-7.71	25	Pass
30C 120V	ax40	5190	Ant1	5189.96	-40000	-7.71	25	Pass
20C 102V	ax40	5230	Ant1	5229.96	-40000	-7.65	25	Pass
20C 120V	ax40	5230	Ant1	5229.96	-40000	-7.65	25	Pass
20C 138V	ax40	5230	Ant1	5229.96	-40000	-7.65	25	Pass
10C 120V	ax40	5230	Ant1	5229.96	-40000	-7.65	25	Pass
30C 120V	ax40	5230	Ant1	5229.96	-40000	-7.65	25	Pass
20C 102V	ax40	5755	Ant1	5754.96	-40000	-6.95	25	Pass
20C 120V	ax40	5755	Ant1	5754.96	-40000	-6.95	25	Pass
20C 138V	ax40	5755	Ant1	5754.96	-40000	-6.95	25	Pass
10C 120V	ax40	5755	Ant1	5754.96	-40000	-6.95	25	Pass
30C 120V	ax40	5755	Ant1	5754.96	-40000	-6.95	25	Pass
20C 102V	ax40	5795	Ant1	5794.96	-40000	-6.9	25	Pass
20C 120V	ax40	5795	Ant1	5794.96	-40000	-6.9	25	Pass
20C 138V	ax40	5795	Ant1	5794.96	-40000	-6.9	25	Pass
10C 120V	ax40	5795	Ant1	5795	0	0	25	Pass
30C 120V	ax40	5795	Ant1	5795	0	0	25	Pass



20C 102V	ax40	5190	Ant2	5189.96	-40000	-7.71	25	Pass
20C 120V	ax40	5190	Ant2	5189.96	-40000	-7.71	25	Pass
20C 138V	ax40	5190	Ant2	5190	0	0	25	Pass
10C 120V	ax40	5190	Ant2	5189.96	-40000	-7.71	25	Pass
30C 120V	ax40	5190	Ant2	5189.96	-40000	-7.71	25	Pass
20C 102V	ax40	5230	Ant2	5229.96	-40000	-7.65	25	Pass
20C 120V	ax40	5230	Ant2	5230	0	0	25	Pass
20C 138V	ax40	5230	Ant2	5229.96	-40000	-7.65	25	Pass
10C 120V	ax40	5230	Ant2	5229.92	-80000	-15.3	25	Pass
30C 120V	ax40	5230	Ant2	5229.96	-40000	-7.65	25	Pass
20C 102V	ax40	5755	Ant2	5754.96	-40000	-6.95	25	Pass
20C 120V	ax40	5755	Ant2	5754.96	-40000	-6.95	25	Pass
20C 138V	ax40	5755	Ant2	5754.96	-40000	-6.95	25	Pass
10C 120V	ax40	5755	Ant2	5754.96	-40000	-6.95	25	Pass
30C 120V	ax40	5755	Ant2	5754.96	-40000	-6.95	25	Pass
20C 102V	ax40	5795	Ant2	5794.96	-40000	-6.9	25	Pass
20C 120V	ax40	5795	Ant2	5794.96	-40000	-6.9	25	Pass
20C 138V	ax40	5795	Ant2	5794.96	-40000	-6.9	25	Pass
10C 120V	ax40	5795	Ant2	5794.96	-40000	-6.9	25	Pass
30C 120V	ax40	5795	Ant2	5794.96	-40000	-6.9	25	Pass
20C 102V	ax40	5190	Ant1	5190	0	0	25	Pass
20C 120V	ax40	5190	Ant1	5190	0	0	25	Pass
20C 138V	ax40	5190	Ant1	5190.04	40000	7.71	25	Pass
10C 120V	ax40	5190	Ant1	5190	0	0	25	Pass
30C 120V	ax40	5190	Ant1	5190	0	0	25	Pass
20C 102V	ax40	5230	Ant1	5230	0	0	25	Pass
20C 120V	ax40	5230	Ant1	5230	0	0	25	Pass
20C 138V	ax40	5230	Ant1	5230	0	0	25	Pass
10C 120V	ax40	5230	Ant1	5230	0	0	25	Pass
30C 120V	ax40	5230	Ant1	5230	0	0	25	Pass
20C 102V	ax40	5755	Ant1	5755	0	0	25	Pass
20C 120V	ax40	5755	Ant1	5755.04	40000	6.95	25	Pass
20C 138V	ax40	5755	Ant1	5755.04	40000	6.95	25	Pass
10C 120V	ax40	5755	Ant1	5755.04	40000	6.95	25	Pass
30C 120V	ax40	5755	Ant1	5755	0	0	25	Pass
20C 102V	ax40	5795	Ant1	5795.04	40000	6.9	25	Pass
20C 120V	ax40	5795	Ant1	5795.04	40000	6.9	25	Pass
20C 138V	ax40	5795	Ant1	5795	0	0	25	Pass
30C 120V	ax40	5795	Ant1	5795.04	40000	6.9	25	Pass
20C 102V	ax80	5210	Ant1	5210	0	0	25	Pass
20C 120V	ax80	5210	Ant1	5210	0	0	25	Pass
20C 138V	ax80	5210	Ant1	5210	0	0	25	Pass
10C 120V	ax80	5210	Ant1	5210	0	0	25	Pass
30C 120V	ax80	5210	Ant1	5210	0	0	25	Pass
20C 102V	ax80	5775	Ant1	5775	0	0	25	Pass
20C 120V	ax80	5775	Ant1	5775	0	0	25	Pass
20C 138V	ax80	5775	Ant1	5775	0	0	25	Pass
10C 120V	ax80	5775	Ant1	5775	0	0	25	Pass
30C 120V	ax80	5775	Ant1	5775	0	0	25	Pass
20C 102V	ax80	5210	Ant2	5210	0	0	25	Pass
20C 120V	ax80	5210	Ant2	5210	0	0	25	Pass
20C 138V	ax80	5210	Ant2	5210	0	0	25	Pass
10C 120V	ax80	5210	Ant2	5210	0	0	25	Pass
30C 120V	ax80	5210	Ant2	5210	0	0	25	Pass
20C 102V	ax80	5775	Ant2	5775	0	0	25	Pass
20C 120V	ax80	5775	Ant2	5775	0	0	25	Pass
20C 138V	ax80	5775	Ant2	5775	0	0	25	Pass
10C 120V	ax80	5775	Ant2	5775	0	0	25	Pass
30C 120V	ax80	5775	Ant2	5775	0	0	25	Pass



6 -26dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant1	20.974	Pass
NVNT	a	5200	Ant1	21.201	Pass
NVNT	a	5240	Ant1	20.859	Pass
NVNT	a	5180	Ant2	20.978	Pass
NVNT	a	5200	Ant2	20.976	Pass
NVNT	a	5240	Ant2	20.989	Pass
NVNT	a	5180	Ant1	20.859	Pass
NVNT	a	5180	Ant2	20.935	Pass
NVNT	a	5200	Ant1	20.935	Pass
NVNT	a	5200	Ant2	20.895	Pass
NVNT	a	5240	Ant1	20.924	Pass
NVNT	a	5240	Ant2	21.107	Pass
NVNT	n20	5180	Ant1	21.105	Pass
NVNT	n20	5200	Ant1	21.361	Pass
NVNT	n20	5240	Ant1	21.392	Pass
NVNT	n20	5180	Ant2	21.223	Pass
NVNT	n20	5200	Ant2	20.837	Pass
NVNT	n20	5240	Ant2	21.393	Pass
NVNT	n20	5180	Ant1	21.248	Pass
NVNT	n20	5180	Ant2	21.255	Pass
NVNT	n20	5200	Ant1	21.191	Pass
NVNT	n20	5200	Ant2	21.147	Pass
NVNT	n20	5240	Ant1	21.351	Pass
NVNT	n20	5240	Ant2	21.161	Pass
NVNT	n40	5190	Ant1	39.571	Pass
NVNT	n40	5230	Ant1	39.401	Pass
NVNT	n40	5190	Ant2	39.375	Pass
NVNT	n40	5230	Ant2	39.517	Pass
NVNT	n40	5190	Ant1	39.486	Pass
NVNT	n40	5190	Ant2	39.049	Pass
NVNT	n40	5230	Ant1	39.728	Pass
NVNT	n40	5230	Ant2	38.815	Pass
NVNT	ac20	5180	Ant1	21.121	Pass
NVNT	ac20	5200	Ant1	21.141	Pass
NVNT	ac20	5240	Ant1	21.202	Pass
NVNT	ac20	5180	Ant2	21.334	Pass
NVNT	ac20	5200	Ant2	21.291	Pass
NVNT	ac20	5240	Ant2	21.135	Pass
NVNT	ac20	5180	Ant1	21.218	Pass
NVNT	ac20	5180	Ant2	21.069	Pass
NVNT	ac20	5200	Ant1	21.313	Pass
NVNT	ac20	5200	Ant2	21.087	Pass
NVNT	ac20	5240	Ant1	21.249	Pass
NVNT	ac20	5240	Ant2	21.008	Pass
NVNT	ac40	5190	Ant1	39.531	Pass
NVNT	ac40	5230	Ant1	39.899	Pass
NVNT	ac40	5190	Ant2	39.4	Pass
NVNT	ac40	5230	Ant2	39.796	Pass
NVNT	ac40	5190	Ant1	39.568	Pass
NVNT	ac40	5190	Ant2	39.1	Pass
NVNT	ac40	5230	Ant1	39.671	Pass
NVNT	ac40	5230	Ant2	38.957	Pass
NVNT	ac80	5210	Ant1	80.82	Pass
NVNT	ac80	5210	Ant2	80.635	Pass
NVNT	ac80	5210	Ant1	81.269	Pass
NVNT	ac80	5210	Ant2	80.301	Pass
NVNT	ax20	5180	Ant1	20.816	Pass
NVNT	ax20	5200	Ant1	20.979	Pass
NVNT	ax20	5240	Ant1	20.678	Pass
NVNT	ax20	5180	Ant2	21.009	Pass
NVNT	ax20	5200	Ant2	20.871	Pass
NVNT	ax20	5240	Ant2	21.172	Pass
NVNT	ax20	5180	Ant1	21.176	Pass
NVNT	ax20	5180	Ant2	20.605	Pass
NVNT	ax20	5200	Ant1	20.907	Pass



NVNT	ax20	5200	Ant2	20.744	Pass
NVNT	ax20	5240	Ant1	20.764	Pass
NVNT	ax20	5240	Ant2	21.122	Pass
NVNT	ax40	5190	Ant1	39.738	Pass
NVNT	ax40	5230	Ant1	40.091	Pass
NVNT	ax40	5190	Ant2	39.954	Pass
NVNT	ax40	5230	Ant2	39.9	Pass
NVNT	ax40	5190	Ant1	39.794	Pass
NVNT	ax40	5190	Ant2	39.52	Pass
NVNT	ax40	5230	Ant1	39.965	Pass
NVNT	ax40	5230	Ant2	39.862	Pass
NVNT	ax80	5210	Ant1	81.086	Pass
NVNT	ax80	5210	Ant2	80.561	Pass
NVNT	ax80	5210	Ant1	81.037	Pass
NVNT	ax80	5210	Ant2	80.42	Pass



















































