









































































Occupied channel bandwidth

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdic
11A	Ant1	5180	17.353	5171.3852	5188.7382		
11A	Ant2	5180	17.857	5171.0003	5188.8573		
11A	Ant3	5180	18.344	5170.6316	5188.9756		
11A	Ant1	5200	17.621	5191.2878	5208.9088		
11A	Ant2	5200	18.121	5190.8069	5208.9279		
11A	Ant3	5200	19.441	5190.1216	5209.5626		
11A	Ant1	5240	17.548	5231.2373	5248.7853		
11A	Ant2	5240	18.092	5230.8688	5248.9608		
11A	Ant3	5240	19.657	5230.0193	5249.6763		
11A	Ant1	5260	17.506	5251.1945	5268.7005		
11A	Ant2	5260	18.308	5250.6583	5268.9663		
11A	Ant3	5260	19.506	5249.9263	5269.4323		
11A	Ant1	5280	17.565	5271.2311	5288.7961		
11A	Ant2	5280	18.630	5270.5540	5289.1840		
11A	Ant3	5280	19.686	5269.8719	5289.5579		
11A	Ant1	5320	17.885	5310.8821	5328.7671		
11A	Ant2	5320	20.587	5309.0778	5329.6648		
11A	Ant3	5320	20.168	5309.4736	5329.6416		
11A	Ant1	5500	18.079	5491.0805	5509.1595		
11A	Ant2	5500	19.735	5490.0707	5509.8057		
11A	Ant3	5500	18.360	5490.7999	5509.1599		
11A	Ant1	5580	17.902	5571.1553	5589.0573		
11A	Ant2	5580	19.370	5570.2157	5589.5857		
11A	Ant3	5580	18.009	5570.8961	5588.9051		
11A	Ant1	5700	17.373	5691.2253	5708.5983		
11A	Ant2	5700	18.475	5690.2444	5708.7194		
11A	Ant3	5700	17.507	5691.0660	5708.5730		
11A	Ant1	5745	17.242	5736.4628	5753.7048		
11A	Ant2	5745	17.484	5736.3944	5753.8784		
11A	Ant3	5745	17.210	5736.4815	5753.6915		
11A	Ant1	5785	17.291	5776.3297	5793.6207		
11A	Ant2	5785	17.203	5776.3731	5793.5761		
11A	Ant3	5785	17.192	5776.3778	5793.5698		
11A	Ant1	5825	17.427	5816.1436	5833.5706		
11A	Ant2	5825	17.127	5816.3438	5833.4708		
11A	Ant3	5825	17.099	5816.3390	5833.4380		
11N20MIMO	Ant1	5180	18.271	5170.8423	5189.1133		
11N20MIMO	Ant2	5180	18.112	5170.8843	5188.9963		
11N20MIMO	Ant3	5180	18.153	5170.8633	5189.0163		
11N20MIMO	Ant1	5200	18.389	5190.7742	5209.1632		



Mario S						
11N20MIMO	Ant2	5200	18.198	5190.8495	5209.0475	
11N20MIMO	Ant3	5200	18.253	5190.8170	5209.0700	
11N20MIMO	Ant1	5240	18.075	5230.9377	5249.0127	
11N20MIMO	Ant2	5240	17.915	5231.0059	5248.9209	
11N20MIMO	Ant3	5240	17.942	5230.9835	5248.9255	
11N20MIMO	Ant1	5260	18.087	5250.9056	5268.9926	
11N20MIMO	Ant2	5260	17.906	5251.0061	5268.9121	
11N20MIMO	Ant3	5260	17.965	5250.9805	5268.9455	
11N20MIMO	Ant1	5280	18.070	5270.9225	5288.9925	
11N20MIMO	Ant2	5280	17.941	5270.9776	5288.9186	
11N20MIMO	Ant3	5280	17.920	5271.0011	5288.9211	
11N20MIMO	Ant1	5320	18.360	5310.7329	5329.0929	
11N20MIMO	Ant2	5320	18.142	5310.8554	5328.9974	
11N20MIMO	Ant3	5320	18.156	5310.8597	5329.0157	
11N20MIMO	Ant1	5500	18.353	5490.8090	5509.1620	
11N20MIMO	Ant2	5500	18.161	5490.8931	5509.0541	
11N20MIMO	Ant3	5500	18.214	5490.8467	5509.0607	
11N20MIMO	Ant1	5580	18.047	5570.9221	5588.9691	
11N20MIMO	Ant2	5580	17.902	5571.0277	5588.9297	
11N20MIMO	Ant3	5580	17.943	5570.9764	5588.9194	
11N20MIMO	Ant1	5700	18.311	5690.7341	5709.0451	
11N20MIMO	Ant2	5700	18.042	5690.8898	5708.9318	
11N20MIMO	Ant3	5700	18.100	5690.8882	5708.9882	
11N20MIMO	Ant1	5745	18.201	5735.9114	5754.1124	
11N20MIMO	Ant2	5745	18.066	5735.9888	5754.0548	
11N20MIMO	Ant3	5745	18.024	5735.9742	5753.9982	
11N20MIMO	Ant1	5785	18.078	5775.9401	5794.0181	
11N20MIMO	Ant2	5785	17.900	5776.0275	5793.9275	
11N20MIMO	Ant3	5785	17.905	5776.0009	5793.9059	
11N20MIMO	Ant1	5825	18.282	5815.7706	5834.0526	
11N20MIMO	Ant2	5825	18.055	5816.0038	5834.0588	
11N20MIMO	Ant3	5825	18.122	5816.0342	5834.1562	
11N40MIMO	Ant1	5190	36.621	5171.6949	5208.3159	
11N40MIMO	Ant2	5190	36.442	5171.7493	5208.1913	
11N40MIMO	Ant3	5190	36.550	5171.6493	5208.1993	
11N40MIMO	Ant1	5230	36.291	5211.8219	5248.1129	
11N40MIMO	Ant2	5230	36.317	5211.7445	5248.0615	
11N40MIMO	Ant3	5230	36.318	5211.7880	5248.1060	
11N40MIMO	Ant1	5270	36.331	5251.7514	5288.0824	
11N40MIMO	Ant2	5270	36.395	5251.7735	5288.1685	
11N40MIMO	Ant3	5270	37.797	5251.0125	5288.8095	
11N40MIMO	Ant1	5310	36.471	5291.6370	5328.1080	



Mario S							
11N40MIMO	Ant2	5310	36.562	5291.5957	5328.1577		
11N40MIMO	Ant3	5310	36.513	5291.5893	5328.1023		
11N40MIMO	Ant1	5510	36.579	5491.5983	5528.1773		
11N40MIMO	Ant2	5510	36.531	5491.6984	5528.2294		
11N40MIMO	Ant3	5510	36.545	5491.6973	5528.2423		
11N40MIMO	Ant1	5550	36.354	5531.7783	5568.1323		
11N40MIMO	Ant2	5550	36.284	5531.7947	5568.0787		
11N40MIMO	Ant3	5550	36.364	5531.7640	5568.1280		
11N40MIMO	Ant1	5670	36.598	5651.5946	5688.1926		
11N40MIMO	Ant2	5670	36.613	5651.5876	5688.2006		
11N40MIMO	Ant3	5670	36.535	5651.6921	5688.2271		
11N40MIMO	Ant1	5755	36.543	5736.6880	5773.2310		
11N40MIMO	Ant2	5755	36.463	5736.7772	5773.2402		
11N40MIMO	Ant3	5755	36.511	5736.7331	5773.2441		
11N40MIMO	Ant1	5795	36.289	5776.8357	5813.1247		
11N40MIMO	Ant2	5795	36.273	5776.8797	5813.1527		
11N40MIMO	Ant3	5795	36.321	5776.8304	5813.1514		
11AC20MIMO	Ant1	5180	18.338	5170.7989	5189.1369		
11AC20MIMO	Ant2	5180	18.288	5170.8907	5189.1787		
11AC20MIMO	Ant3	5180	18.125	5170.9058	5189.0308		
11AC20MIMO	Ant1	5200	18.389	5190.7706	5209.1596		
11AC20MIMO	Ant2	5200	18.234	5190.8652	5209.0992		
11AC20MIMO	Ant3	5200	18.276	5190.7716	5209.0476		
11AC20MIMO	Ant1	5240	18.123	5230.8991	5249.0221		
11AC20MIMO	Ant2	5240	18.026	5230.9855	5249.0115		
11AC20MIMO	Ant3	5240	18.009	5230.9871	5248.9961		
11AC20MIMO	Ant1	5260	18.126	5250.9040	5269.0300		
11AC20MIMO	Ant2	5260	17.992	5250.9884	5268.9804		
11AC20MIMO	Ant3	5260	17.996	5250.9331	5268.9291		
11AC20MIMO	Ant1	5280	18.063	5270.8944	5288.9574		
11AC20MIMO	Ant2	5280	18.060	5270.9914	5289.0514		
11AC20MIMO	Ant3	5280	17.948	5270.9923	5288.9403		
11AC20MIMO	Ant1	5320	18.358	5310.7560	5329.1140		
11AC20MIMO	Ant2	5320	18.221	5310.8333	5329.0543		
11AC20MIMO	Ant3	5320	18.203	5310.8109	5329.0139		
11AC20MIMO	Ant1	5500	18.342	5490.7768	5509.1188		
11AC20MIMO	Ant2	5500	18.343	5490.8427	5509.1857		
11AC20MIMO	Ant3	5500	18.198	5490.8557	5509.0537		
11AC20MIMO	Ant1	5580	18.089	5570.8737	5588.9627		
11AC20MIMO	Ant2	5580	17.923	5571.0437	5588.9667		
11AC20MIMO	Ant3	5580	17.920	5570.9864	5588.9064		
11AC20MIMO	Ant1	5700	18.217	5690.7903	5709.0073		
				1	1	1	l



11AC2OMIMO	Mario S						
11AC20MIMO	11AC20MIMO	Ant2	5700	18.102	5690.8787	5708.9807	
11AC20MIMO	11AC20MIMO	Ant3	5700	18.106	5690.8778	5708.9838	
11AC20MIMO	11AC20MIMO	Ant1	5745	18.220	5735.8605	5754.0805	
11AC20MIMO	11AC20MIMO	Ant2	5745	18.114	5735.9802	5754.0942	
11AC20MIMO	11AC20MIMO	Ant3	5745	18.030	5735.9654	5753.9954	
11AC20MIMO	11AC20MIMO	Ant1	5785	18.074	5775.9097	5793.9837	
11AC20MIMO Ant1 5825 18.286 5815.7632 5834.0492	11AC20MIMO	Ant2	5785	17.955	5776.0297	5793.9847	
11AC20MIMO Ant2 5825 18.165 5815.9011 5834.0661	11AC20MIMO	Ant3	5785	17.901	5776.0155	5793.9165	
11AC20MIMO Ant3 5825 18.055 5815.8927 583.9477 11AC40MIMO Ant1 5190 36.704 5171.6277 5208.3317 11AC40MIMO Ant2 5190 36.697 5171.6989 5208.3959 11AC40MIMO Ant3 5190 36.645 5171.6884 5208.3034 11AC40MIMO Ant1 5230 36.260 5211.8459 5248.1059 11AC40MIMO Ant3 5230 36.455 5211.8029 5248.2579 11AC40MIMO Ant3 5230 36.475 5211.7044 5248.1794 11AC40MIMO Ant1 5270 36.304 5251.7968 5288.1008 11AC40MIMO Ant2 5270 36.505 5251.7598 5288.2648 11AC40MIMO Ant1 5310 36.622 5291.6110 5328.3330 11AC40MIMO Ant2 5310 36.638 <td>11AC20MIMO</td> <td>Ant1</td> <td>5825</td> <td>18.286</td> <td>5815.7632</td> <td>5834.0492</td> <td> </td>	11AC20MIMO	Ant1	5825	18.286	5815.7632	5834.0492	
11AC40MIMO Ant1 5190 36.704 5171.6277 5208.3317 11AC40MIMO Ant2 5190 36.697 5171.6989 5208.3959 11AC40MIMO Ant3 5190 36.645 5171.6584 5208.3034 11AC40MIMO Ant1 5230 36.260 5211.8029 5248.2679 11AC40MIMO Ant2 5230 36.455 5211.7044 5248.1794 11AC40MIMO Ant1 5270 36.304 5251.7968 5288.1008 11AC40MIMO Ant2 5270 36.505 5251.7598 5288.2648 11AC40MIMO Ant3 5270 36.6393 5251.7598 5288.1556 11AC40MIMO Ant1 5310 36.622 5291.6110 5328.2330 11AC40MIMO Ant2 5310 36.622 5291.5386 5328.3345 11AC40MIMO Ant3 5310	11AC20MIMO	Ant2	5825	18.165	5815.9011	5834.0661	
11AC40MIMO Ant2 5190 36.697 5171.6989 5208.3959	11AC20MIMO	Ant3	5825	18.055	5815.8927	5833.9477	
11AC4OMIMO Ant3 5190 36.645 5171.6584 5208.3034	11AC40MIMO	Ant1	5190	36.704	5171.6277	5208.3317	
11AC4OMIMO Ant1 5230 36.260 5211.8459 5248.1059	11AC40MIMO	Ant2	5190	36.697	5171.6989	5208.3959	
11AC40MIMO Ant2 5230 36.455 5211.8029 5248.2579 11AC40MIMO Ant3 5230 36.475 5211.7044 5248.1794 11AC40MIMO Ant1 5270 36.304 5251.7968 5288.1008 11AC40MIMO Ant2 5270 36.505 5251.7598 5288.2648 11AC40MIMO Ant3 5270 36.393 5251.7626 5288.1556 11AC40MIMO Ant1 5310 36.622 5291.6110 5328.2330 11AC40MIMO Ant2 5310 36.622 5291.5386 5328.3456 11AC40MIMO Ant3 5310 36.643 5291.4958 5328.1388 11AC40MIMO Ant1 5510 36.713 5491.6462 5528.3342 11AC40MIMO Ant3 5510 36.713 5491.6289 5	11AC40MIMO	Ant3	5190	36.645	5171.6584	5208.3034	
11AC40MIMO Ant3 5230 36.475 5211.7044 5248.1794 11AC40MIMO Ant1 5270 36.304 5251.7968 5288.1008 11AC40MIMO Ant2 5270 36.505 5251.7598 5288.2648 11AC40MIMO Ant3 5270 36.393 5251.7626 5288.1556 11AC40MIMO Ant1 5310 36.622 5291.6110 5328.2330 11AC40MIMO Ant2 5310 36.807 5291.5386 5328.3456 11AC40MIMO Ant3 5310 36.643 5291.4958 5328.1388 11AC40MIMO Ant1 5510 36.688 5491.6462 5528.3342 11AC40MIMO Ant2 5510 36.713 5491.6289 5528.3249 11AC40MIMO Ant1 5550 36.280 5531.7960 5	11AC40MIMO	Ant1	5230	36.260	5211.8459	5248.1059	
11AC40MIMO Ant1 5270 36.304 5251.7968 5288.1008 11AC40MIMO Ant2 5270 36.505 5251.7598 5288.2648 11AC40MIMO Ant3 5270 36.393 5251.7626 5288.1556 11AC40MIMO Ant1 5310 36.622 5291.6110 5328.2330 11AC40MIMO Ant2 5310 36.807 5291.5386 5328.3456 11AC40MIMO Ant3 5310 36.643 5291.4958 5328.1388 11AC40MIMO Ant1 5510 36.688 5491.6492 5528.3342 11AC40MIMO Ant2 5510 36.713 5491.6798 5528.3249 11AC40MIMO Ant3 5510 36.280 5531.7960 5680.0760 11AC40MIMO Ant2 5550 36.443 5531.8080 5	11AC40MIMO	Ant2	5230	36.455	5211.8029	5248.2579	
11AC40MIMO Ant2 5270 36.505 5251.7598 5288.2648 11AC40MIMO Ant3 5270 36.393 5251.7626 5288.1556 11AC40MIMO Ant1 5310 36.622 5291.6110 5328.2330 11AC40MIMO Ant2 5310 36.807 5291.5386 5328.3456 11AC40MIMO Ant3 5310 36.643 5291.4958 5328.1388 11AC40MIMO Ant1 5510 36.688 5491.6462 5528.3342 11AC40MIMO Ant2 5510 36.713 5491.6798 5528.3928 11AC40MIMO Ant3 5510 36.280 5531.7960 5588.3249 11AC40MIMO Ant1 5550 36.280 5531.7960 5568.0760 11AC40MIMO Ant2 5550 36.398 5531.6731 5	11AC40MIMO	Ant3	5230	36.475	5211.7044	5248.1794	
11AC40MIMO Ant3 5270 36.393 5251.7626 5288.1556 11AC40MIMO Ant1 5310 36.622 5291.6110 5328.2330 11AC40MIMO Ant2 5310 36.807 5291.5386 5328.3456 11AC40MIMO Ant3 5310 36.643 5291.4958 5328.1388 11AC40MIMO Ant1 5510 36.688 5491.6462 5528.3342 11AC40MIMO Ant2 5510 36.713 5491.6798 5528.3928 11AC40MIMO Ant3 5510 36.280 5531.7960 5588.3928 11AC40MIMO Ant1 5550 36.280 5531.7960 5568.0760 11AC40MIMO Ant2 5550 36.443 5531.8080 5568.2510 11AC40MIMO Ant1 5670 36.704 5651.5316 5	11AC40MIMO	Ant1	5270	36.304	5251.7968	5288.1008	
11AC40MIMO Ant1 5310 36.622 5291.6110 5328.2330 11AC40MIMO Ant2 5310 36.807 5291.5386 5328.3456 11AC40MIMO Ant3 5310 36.643 5291.4958 5328.1388 11AC40MIMO Ant1 5510 36.688 5491.6462 5528.3342 11AC40MIMO Ant2 5510 36.713 5491.6798 5528.3928 11AC40MIMO Ant3 5510 36.696 5491.6289 5528.3249 11AC40MIMO Ant1 5550 36.280 5531.7960 5568.0760 11AC40MIMO Ant2 5550 36.443 5531.8080 5568.2510 11AC40MIMO Ant1 5670 36.704 5651.5316 5688.2356 11AC40MIMO Ant2 5670 36.846 5651.5646 5688.4106 <	11AC40MIMO	Ant2	5270	36.505	5251.7598	5288.2648	
11AC40MIMO Ant2 5310 36.807 5291.5386 5328.3456 11AC40MIMO Ant3 5310 36.643 5291.4958 5328.1388 11AC40MIMO Ant1 5510 36.688 5491.6462 5528.3342 11AC40MIMO Ant2 5510 36.713 5491.6798 5528.3249 11AC40MIMO Ant3 5510 36.696 5491.6289 5528.3249 11AC40MIMO Ant1 5550 36.280 5531.7960 5568.0760 11AC40MIMO Ant2 5550 36.443 5531.8080 5568.2510 11AC40MIMO Ant3 5550 36.398 5531.6731 5568.0711 11AC40MIMO Ant1 5670 36.846 5651.5316 5688.2356 11AC40MIMO Ant3 5670 36.846 5651.54780 5688.3390 11AC40MIMO	11AC40MIMO	Ant3	5270	36.393	5251.7626	5288.1556	
11AC40MIMO Ant3 5310 36.643 5291.4958 5328.1388	11AC40MIMO	Ant1	5310	36.622	5291.6110	5328.2330	
11AC40MIMO Ant1 5510 36.688 5491.6462 5528.3342 11AC40MIMO Ant2 5510 36.713 5491.6798 5528.3928 11AC40MIMO Ant3 5510 36.696 5491.6289 5528.3249 11AC40MIMO Ant1 5550 36.280 5531.7960 5568.0760 11AC40MIMO Ant2 5550 36.443 5531.8080 5568.2510 11AC40MIMO Ant3 5550 36.398 5531.6731 5568.0711 11AC40MIMO Ant1 5670 36.846 5651.5316 5688.2356 11AC40MIMO Ant3 5670 36.846 5651.5646 5688.4106 11AC40MIMO Ant1 5755 36.419 5736.8037 5773.2227 11AC40MIMO Ant2 5755 36.495 5736.8586 5773.3536	11AC40MIMO	Ant2	5310	36.807	5291.5386	5328.3456	
11AC40MIMO Ant2 5510 36.713 5491.6798 5528.3928 11AC40MIMO Ant3 5510 36.696 5491.6289 5528.3249 11AC40MIMO Ant1 5550 36.280 5531.7960 5568.0760 11AC40MIMO Ant2 5550 36.443 5531.8080 5568.2510 11AC40MIMO Ant3 5550 36.398 5531.6731 5568.0711 11AC40MIMO Ant1 5670 36.704 5651.5316 5688.2356 11AC40MIMO Ant2 5670 36.846 5651.5316 5688.2356 11AC40MIMO Ant3 5670 36.846 5651.5646 5688.4106 11AC40MIMO Ant1 5755 36.419 5736.8037 5773.2227 11AC40MIMO Ant2 5755 36.495 5736.8586 5773.3536	11AC40MIMO	Ant3	5310	36.643	5291.4958	5328.1388	
11AC40MIMO Ant3 5510 36.696 5491.6289 5528.3249 11AC40MIMO Ant1 5550 36.280 5531.7960 5568.0760 11AC40MIMO Ant2 5550 36.443 5531.8080 5568.2510 11AC40MIMO Ant3 5550 36.398 5531.6731 5568.0711 11AC40MIMO Ant1 5670 36.704 5651.5316 5688.2356 11AC40MIMO Ant2 5670 36.846 5651.5646 5688.4106 11AC40MIMO Ant3 5670 36.861 5651.4780 5688.3390 11AC40MIMO Ant1 5755 36.419 5736.8037 5773.2227 11AC40MIMO Ant2 5755 36.495 5736.8586 5773.3536 11AC40MIMO Ant1 5795 36.226 5776.8894 5	11AC40MIMO	Ant1	5510	36.688	5491.6462	5528.3342	
11AC40MIMO Ant1 5550 36.280 5531.7960 5568.0760 11AC40MIMO Ant2 5550 36.443 5531.8080 5568.2510 11AC40MIMO Ant3 5550 36.398 5531.6731 5568.0711 11AC40MIMO Ant1 5670 36.704 5651.5316 5688.2356 11AC40MIMO Ant2 5670 36.846 5651.5646 5688.4106 11AC40MIMO Ant3 5670 36.861 5651.4780 5688.3390 11AC40MIMO Ant1 5755 36.419 5736.8037 5773.2227 11AC40MIMO Ant2 5755 36.495 5736.8586 5773.3536 11AC40MIMO Ant3 5755 36.437 5736.8170 5773.2540 11AC40MIMO Ant1 5795 36.364 5776.9102 5813.2742	11AC40MIMO	Ant2	5510	36.713	5491.6798	5528.3928	
11AC40MIMO Ant2 5550 36.443 5531.8080 5568.2510 11AC40MIMO Ant3 5550 36.398 5531.6731 5568.0711 11AC40MIMO Ant1 5670 36.704 5651.5316 5688.2356 11AC40MIMO Ant2 5670 36.846 5651.5646 5688.4106 11AC40MIMO Ant3 5670 36.861 5651.4780 5688.3390 11AC40MIMO Ant1 5755 36.419 5736.8037 5773.2227 11AC40MIMO Ant2 5755 36.495 5736.8586 5773.3536 11AC40MIMO Ant3 5755 36.437 5736.8170 5773.2540 11AC40MIMO Ant1 5795 36.364 5776.9102 5813.2742 11AC40MIMO Ant2 5795 36.413 5776.7600 5813.1730	11AC40MIMO	Ant3	5510	36.696	5491.6289	5528.3249	
11AC40MIMO Ant3 5550 36.398 5531.6731 5568.0711 11AC40MIMO Ant1 5670 36.704 5651.5316 5688.2356 11AC40MIMO Ant2 5670 36.846 5651.5646 5688.4106 11AC40MIMO Ant3 5670 36.861 5651.4780 5688.3390 11AC40MIMO Ant1 5755 36.419 5736.8037 5773.2227 11AC40MIMO Ant2 5755 36.495 5736.8586 5773.3536 11AC40MIMO Ant3 5755 36.437 5736.8170 5773.2540 11AC40MIMO Ant1 5795 36.226 5776.8894 5813.1154 11AC40MIMO Ant2 5795 36.364 5776.9102 5813.2742 11AC80MIMO Ant3 5795 36.413 5776.7600 5813.1730	11AC40MIMO	Ant1	5550	36.280	5531.7960	5568.0760	
11AC40MIMO Ant1 5670 36.704 5651.5316 5688.2356 11AC40MIMO Ant2 5670 36.846 5651.5646 5688.4106 11AC40MIMO Ant3 5670 36.861 5651.4780 5688.3390 11AC40MIMO Ant1 5755 36.419 5736.8037 5773.2227 11AC40MIMO Ant2 5755 36.495 5736.8586 5773.3536 11AC40MIMO Ant3 5755 36.437 5736.8170 5773.2540 11AC40MIMO Ant1 5795 36.226 5776.8894 5813.1154 11AC40MIMO Ant2 5795 36.364 5776.9102 5813.2742 11AC40MIMO Ant3 5795 36.413 5776.7600 5813.1730 11AC80MIMO Ant1 5210 76.201 5171.9407 5	11AC40MIMO	Ant2	5550	36.443	5531.8080	5568.2510	
11AC40MIMO Ant2 5670 36.846 5651.5646 5688.4106 11AC40MIMO Ant3 5670 36.861 5651.4780 5688.3390 11AC40MIMO Ant1 5755 36.419 5736.8037 5773.2227 11AC40MIMO Ant2 5755 36.495 5736.8586 5773.3536 11AC40MIMO Ant3 5755 36.437 5736.8170 5773.2540 11AC40MIMO Ant1 5795 36.226 5776.8894 5813.1154 11AC40MIMO Ant2 5795 36.364 5776.9102 5813.2742 11AC40MIMO Ant3 5795 36.413 5776.7600 5813.1730 11AC80MIMO Ant1 5210 76.024 5171.9407 5247.9647 11AC80MIMO Ant2 5210 76.201 5171.9227 5	11AC40MIMO	Ant3	5550	36.398	5531.6731	5568.0711	
11AC40MIMO Ant3 5670 36.861 5651.4780 5688.3390 11AC40MIMO Ant1 5755 36.419 5736.8037 5773.2227 11AC40MIMO Ant2 5755 36.495 5736.8586 5773.3536 11AC40MIMO Ant3 5755 36.437 5736.8170 5773.2540 11AC40MIMO Ant1 5795 36.226 5776.8894 5813.1154 11AC40MIMO Ant2 5795 36.364 5776.9102 5813.2742 11AC40MIMO Ant3 5795 36.413 5776.7600 5813.1730 11AC80MIMO Ant1 5210 76.024 5171.9407 5247.9647 11AC80MIMO Ant2 5210 76.201 5171.9227 5248.1237	11AC40MIMO	Ant1	5670	36.704	5651.5316	5688.2356	
11AC40MIMO Ant1 5755 36.419 5736.8037 5773.2227 11AC40MIMO Ant2 5755 36.495 5736.8586 5773.3536 11AC40MIMO Ant3 5755 36.437 5736.8170 5773.2540 11AC40MIMO Ant1 5795 36.226 5776.8894 5813.1154 11AC40MIMO Ant2 5795 36.364 5776.9102 5813.2742 11AC40MIMO Ant3 5795 36.413 5776.7600 5813.1730 11AC80MIMO Ant1 5210 76.024 5171.9407 5247.9647 11AC80MIMO Ant2 5210 76.201 5171.9227 5248.1237	11AC40MIMO	Ant2	5670	36.846	5651.5646	5688.4106	
11AC40MIMO Ant2 5755 36.495 5736.8586 5773.3536 11AC40MIMO Ant3 5755 36.437 5736.8170 5773.2540 11AC40MIMO Ant1 5795 36.226 5776.8894 5813.1154 11AC40MIMO Ant2 5795 36.364 5776.9102 5813.2742 11AC40MIMO Ant3 5795 36.413 5776.7600 5813.1730 11AC80MIMO Ant1 5210 76.024 5171.9407 5247.9647 11AC80MIMO Ant2 5210 76.201 5171.9227 5248.1237	11AC40MIMO	Ant3	5670	36.861	5651.4780	5688.3390	
11AC40MIMO Ant3 5755 36.437 5736.8170 5773.2540 11AC40MIMO Ant1 5795 36.226 5776.8894 5813.1154 11AC40MIMO Ant2 5795 36.364 5776.9102 5813.2742 11AC40MIMO Ant3 5795 36.413 5776.7600 5813.1730 11AC80MIMO Ant1 5210 76.024 5171.9407 5247.9647 11AC80MIMO Ant2 5210 76.201 5171.9227 5248.1237	11AC40MIMO	Ant1	5755	36.419	5736.8037	5773.2227	
11AC40MIMO Ant1 5795 36.226 5776.8894 5813.1154 11AC40MIMO Ant2 5795 36.364 5776.9102 5813.2742 11AC40MIMO Ant3 5795 36.413 5776.7600 5813.1730 11AC80MIMO Ant1 5210 76.024 5171.9407 5247.9647 11AC80MIMO Ant2 5210 76.201 5171.9227 5248.1237	11AC40MIMO	Ant2	5755	36.495	5736.8586	5773.3536	
11AC40MIMO Ant2 5795 36.364 5776.9102 5813.2742 11AC40MIMO Ant3 5795 36.413 5776.7600 5813.1730 11AC80MIMO Ant1 5210 76.024 5171.9407 5247.9647 11AC80MIMO Ant2 5210 76.201 5171.9227 5248.1237	11AC40MIMO	Ant3	5755	36.437	5736.8170	5773.2540	
11AC40MIMO Ant3 5795 36.413 5776.7600 5813.1730 11AC80MIMO Ant1 5210 76.024 5171.9407 5247.9647 11AC80MIMO Ant2 5210 76.201 5171.9227 5248.1237	11AC40MIMO	Ant1	5795	36.226	5776.8894	5813.1154	
11AC80MIMO Ant1 5210 76.024 5171.9407 5247.9647 11AC80MIMO Ant2 5210 76.201 5171.9227 5248.1237	11AC40MIMO	Ant2	5795	36.364	5776.9102	5813.2742	
11AC80MIMO Ant2 5210 76.201 5171.9227 5248.1237	11AC40MIMO	Ant3	5795	36.413	5776.7600	5813.1730	
	11AC80MIMO	Ant1	5210	76.024	5171.9407	5247.9647	
11AC80MIMO Ant3 5210 75.835 5172.0414 5247.8764	11AC80MIMO	Ant2	5210	76.201	5171.9227	5248.1237	
	11AC80MIMO	Ant3	5210	75.835	5172.0414	5247.8764	
11AC80MIMO Ant1 5290 75.910 5251.9405 5327.8505	11AC80MIMO	Ant1	5290	75.910	5251.9405	5327.8505	



Marine S.						
11AC80MIMO	Ant2	5290	76.044	5251.7507	5327.7947	
11AC80MIMO	Ant3	5290	75.951	5251.7158	5327.6668	
11AC80MIMO	Ant1	5530	75.929	5491.9373	5567.8663	
11AC80MIMO	Ant2	5530	76.105	5491.9579	5568.0629	
11AC80MIMO	Ant3	5530	75.899	5492.0462	5567.9452	
11AC80MIMO	Ant1	5610	75.558	5572.0502	5647.6082	
11AC80MIMO	Ant2	5610	75.583	5572.1047	5647.6877	
11AC80MIMO	Ant3	5610	75.549	5572.0746	5647.6236	
11AC80MIMO	Ant1	5775	75.619	5737.0590	5812.6780	
11AC80MIMO	Ant2	5775	75.696	5737.1125	5812.8085	
11AC80MIMO	Ant3	5775	75.605	5737.1767	5812.7817	
11AC160MIMO	Ant1	5250	154.45	5173.0816	5327.5316	
11AC160MIMO	Ant2	5250	155.09	5172.4145	5327.5045	
11AC160MIMO	Ant3	5250	154.85	5172.2645	5327.1145	
11AC160MIMO	Ant1	5250_UNII-1	76.918	5173.0816	5250	
11AC160MIMO	Ant2	5250_UNII-1	77.586	5172.4145	5250	
11AC160MIMO	Ant3	5250_UNII-1	77.735	5172.2645	5250	
11AC160MIMO	Ant1	5250_UNII-2A	77.532	5250	5327.5316	
11AC160MIMO	Ant2	5250_UNII-2A	77.505	5250	5327.5045	
11AC160MIMO	Ant3	5250_UNII-2A	77.114	5250	5327.1145	
11AC160MIMO	Ant1	5570	154.55	5492.3829	5646.9329	
11AC160MIMO	Ant2	5570	154.33	5492.7893	5647.1193	
11AC160MIMO	Ant3	5570	154.93	5492.5291	5647.4591	
11AX20MIMO	Ant1	5180	19.210	5170.3552	5189.5652	
11AX20MIMO	Ant2	5180	19.224	5170.3399	5189.5639	
11AX20MIMO	Ant3	5180	19.167	5170.3880	5189.5550	
11AX20MIMO	Ant1	5200	19.169	5190.3454	5209.5144	
11AX20MIMO	Ant2	5200	19.240	5190.3319	5209.5719	
11AX20MIMO	Ant3	5200	19.193	5190.3246	5209.5176	
11AX20MIMO	Ant1	5240	18.978	5230.4629	5249.4409	
11AX20MIMO	Ant2	5240	19.007	5230.4659	5249.4729	
11AX20MIMO	Ant3	5240	18.984	5230.4904	5249.4744	
11AX20MIMO	Ant1	5260	19.085	5250.4228	5269.5078	
11AX20MIMO	Ant2	5260	19.124	5250.3641	5269.4881	
11AX20MIMO	Ant3	5260	19.191	5250.3941	5269.5851	
11AX20MIMO	Ant1	5280	19.073	5270.4327	5289.5057	
11AX20MIMO	Ant2	5280	19.111	5270.4003	5289.5113	
11AX20MIMO	Ant3	5280	19.077	5270.4173	5289.4943	
11AX20MIMO	Ant1	5320	19.292	5310.2946	5329.5866	
11AX20MIMO	Ant2	5320	19.204	5310.3375	5329.5415	
11AX20MIMO	Ant3	5320	19.236	5310.3261	5329.5621	
11AX20MIMO	Ant1	5500	19.216	5490.3360	5509.5520	
		1	1	1	l	ı



Sand Sand						
11AX20MIMO	Ant2	5500	19.205	5490.3645	5509.5695	
11AX20MIMO	Ant3	5500	19.158	5490.3561	5509.5141	
11AX20MIMO	Ant1	5580	19.138	5570.3899	5589.5279	
11AX20MIMO	Ant2	5580	19.078	5570.4389	5589.5169	
11AX20MIMO	Ant3	5580	19.120	5570.3987	5589.5187	
11AX20MIMO	Ant1	5700	19.180	5690.3379	5709.5179	
11AX20MIMO	Ant2	5700	19.166	5690.3380	5709.5040	
11AX20MIMO	Ant3	5700	19.143	5690.3774	5709.5204	
11AX20MIMO	Ant1	5745	19.174	5735.3552	5754.5292	
11AX20MIMO	Ant2	5745	19.200	5735.4001	5754.6001	
11AX20MIMO	Ant3	5745	19.103	5735.4292	5754.5322	
11AX20MIMO	Ant1	5785	19.054	5775.4306	5794.4846	
11AX20MIMO	Ant2	5785	19.035	5775.4643	5794.4993	
11AX20MIMO	Ant3	5785	19.078	5775.4383	5794.5163	
11AX20MIMO	Ant1	5825	19.165	5815.3450	5834.5100	
11AX20MIMO	Ant2	5825	19.178	5815.3175	5834.4955	
11AX20MIMO	Ant3	5825	19.135	5815.3949	5834.5299	
11AX40MIMO	Ant1	5190	37.858	5171.0216	5208.8796	
11AX40MIMO	Ant2	5190	37.913	5171.0049	5208.9179	
11AX40MIMO	Ant3	5190	37.877	5171.0401	5208.9171	
11AX40MIMO	Ant1	5230	37.653	5211.1874	5248.8404	
11AX40MIMO	Ant2	5230	37.678	5211.0950	5248.7730	
11AX40MIMO	Ant3	5230	37.718	5211.0829	5248.8009	
11AX40MIMO	Ant1	5270	37.634	5251.1425	5288.7765	
11AX40MIMO	Ant2	5270	37.700	5251.0439	5288.7439	
11AX40MIMO	Ant3	5270	37.688	5251.0849	5288.7729	
11AX40MIMO	Ant1	5310	37.830	5291.0236	5328.8536	
11AX40MIMO	Ant2	5310	37.890	5291.0047	5328.8947	
11AX40MIMO	Ant3	5310	37.920	5291.0060	5328.9260	
11AX40MIMO	Ant1	5510	37.916	5490.9639	5528.8799	
11AX40MIMO	Ant2	5510	37.879	5491.0388	5528.9178	
11AX40MIMO	Ant3	5510	37.945	5491.0099	5528.9549	
11AX40MIMO	Ant1	5550	37.588	5531.1449	5568.7329	
11AX40MIMO	Ant2	5550	37.820	5531.0076	5568.8276	
11AX40MIMO	Ant3	5550	37.769	5531.0804	5568.8494	
11AX40MIMO	Ant1	5670	37.994	5650.9069	5688.9009	
11AX40MIMO	Ant2	5670	37.948	5650.9429	5688.8909	
11AX40MIMO	Ant3	5670	37.850	5650.9981	5688.8481	
11AX40MIMO	Ant1	5755	37.740	5736.1467	5773.8867	
11AX40MIMO	Ant2	5755	37.838	5736.0922	5773.9302	
11AX40MIMO	Ant3	5755	37.787	5736.0711	5773.8581	
11AX40MIMO	Ant1	5795	37.681	5776.0947	5813.7757	



2010						
11AX40MIMO	Ant2	5795	37.619	5776.1880	5813.8070	
11AX40MIMO	Ant3	5795	37.636	5776.1319	5813.7679	
11AX80MIMO	Ant1	5210	77.315	5171.3790	5248.6940	
11AX80MIMO	Ant2	5210	77.441	5171.1689	5248.6099	
11AX80MIMO	Ant3	5210	77.498	5171.2475	5248.7455	
11AX80MIMO	Ant1	5290	77.307	5251.2846	5328.5916	
11AX80MIMO	Ant2	5290	77.363	5251.1212	5328.4842	
11AX80MIMO	Ant3	5290	77.427	5251.0655	5328.4925	
11AX80MIMO	Ant1	5530	77.284	5491.2490	5568.5330	
11AX80MIMO	Ant2	5530	77.487	5491.1996	5568.6866	
11AX80MIMO	Ant3	5530	77.346	5491.3625	5568.7085	
11AX80MIMO	Ant1	5610	77.205	5571.2576	5648.4626	
11AX80MIMO	Ant2	5610	77.099	5571.3509	5648.4499	
11AX80MIMO	Ant3	5610	76.985	5571.4521	5648.4371	
11AX80MIMO	Ant1	5775	77.204	5736.3736	5813.5776	
11AX80MIMO	Ant2	5775	77.138	5736.4400	5813.5780	
11AX80MIMO	Ant3	5775	77.099	5736.4078	5813.5068	
11AX160MIMO	Ant1	5250	156.01	5172.3522	5328.3622	
11AX160MIMO	Ant2	5250	156.21	5171.8143	5328.0243	
11AX160MIMO	Ant3	5250	156.08	5171.7033	5327.7833	
11AX160MIMO	Ant1	5250_UNII-1	77.648	5172.3522	5250	
11AX160MIMO	Ant2	5250_UNII-1	78.186	5171.8143	5250	
11AX160MIMO	Ant3	5250_UNII-1	78.297	5171.7033	5250	
11AX160MIMO	Ant1	5250_UNII-2A	78.362	5250	5328.3622	
11AX160MIMO	Ant2	5250_UNII-2A	78.024	5250	5328.0243	
11AX160MIMO	Ant3	5250_UNII-2A	77.783	5250	5327.7833	
11AX160MIMO	Ant1	5570	155.90	5491.8529	5647.7529	
11AX160MIMO	Ant2	5570	156.41	5491.7290	5648.1390	
11AX160MIMO	Ant3	5570	155.68	5492.0592	5647.7392	