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11.6.1. Test Result

Frequency Error vs. Voltage									
802.11a: 5200 MHz									
Temp.	Volt.	0 Minute		2 Minute		5 Minute		10 Minute	
		Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)
T _N	V _L	5199.9826	-3.35	5200.0128	2.46	5200.0216	4.15	5199.9967	-0.63
T _N	V _N	5200.0166	3.18	5199.9826	-3.34	5199.9816	-3.53	5200.0016	0.31
T _N	V _H	5200.0198	3.81	5199.9935	-1.24	5200.0098	1.88	5200.0133	2.56
Frequency Error vs. Temperature									
802.11a: 5200 MHz									
Temp.	Volt.	0 Minute		2 Minute		5 Minute		10 Minute	
		Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)
40	V _N	5200.0090	1.74	5200.0005	0.10	5200.0086	1.66	5199.9946	-1.04
30	V _N	5199.9911	-1.70	5200.0178	3.42	5199.9758	-4.65	5199.9995	-0.10
20	V _N	5200.0098	1.88	5199.9913	-1.68	5200.0249	4.78	5200.0175	3.36
10	V _N	5200.0033	0.63	5200.0197	3.80	5200.0184	3.53	5199.9914	-1.65
0	V _N	5199.9942	-1.12	5200.0109	2.09	5200.0183	3.53	5200.0098	1.89

Note:

1. All antennas, test modes and test channels have been tested, only the worst data record in the report.
2. For the detail Test Conditions, please refer to section 7.5.

11.7. APPENDIX G: DUTY CYCLE

11.7.1. Test Result

Test Mode	On Time (msec)	Period (msec)	Duty Cycle x (Linear)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	1/T Minimum VBW (kHz)	Final setting For VBW (kHz)
11A-CDD	1.36	1.46	0.9315	93.15	0.31	0.74	1
11AX20-TX BEAMFORMING	0.99	1.09	0.9083	90.83	0.42	1.01	2
11AX40-TX BEAMFORMING	0.52	0.62	0.8387	83.87	0.76	1.92	2
11AX80-TX BEAMFORMING	0.28	0.38	0.7368	73.68	1.33	3.57	4

Note:

Duty Cycle Correction Factor= $10\log(1/x)$.

Where: x is Duty Cycle (Linear)

Where: T is On Time

If that calculated VBW is not available on the analyzer then the next higher value should be used.