

RADIATED EMISSIONS HARMONICS/SPURIOUS WITH DUTY FACTOR APPLIED

As stated in Exhibit 3 (MESSAGE TIMING AND DUTY CYCLE), the duty factor is 10%. This means a -20 dB factor can be applied to convert radiated peak emission level (as measured in EXHIBIT 5-3-1) to radiated average emission level. The table below shows this - it is the table from page 7 of EXHIBIT 5-3-1, with three columns added as follows:

Duty Factor (dB)

Average Emission Level (dBuV/m)

Average Limit (dBuV/m)

Emission Frequency (MHz)	Test Detector	Antenna Polarity (H/V)	Analyzer Reading (dBuV)	Site Correction Factor (dB/m)	Emission Level (dBuV/m)	Duty Factor (dB)	Average Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Pass/Fail
344.900	Peak	V	65.3	16.8	82.1	10%	62.1	97.3	77.3	-15.2	Pass
689.800	Peak	H	65.2	-3.1	62.1	10%	42.1	77.3	57.3	-15.2	Pass
1034.700	Peak	V	54.7	1.8	56.5	10%	36.5	74.0	54.0	-17.5	Pass
1379.600	Peak	V	48.2	6.0	54.2	10%	34.2	74.0	54.0	-19.8	Pass
1724.500	Peak	V	52.3	7.9	60.2	10%	40.2	77.3	57.3	-17.1	Pass
2069.400	Peak	V	61.6	-30.7	30.9	10%	10.9	77.3	57.3	-46.4	Pass
2414.300	Peak	H	59.2	-29.4	29.8	10%	9.8	77.3	57.3	-47.5	Pass
2759.200	Peak	H	46.4	-28.1	18.3	10%	-1.7	74.0	54.0	-55.7	Pass
3104.100	Peak	V	49.9	-28.3	21.6	10%	1.6	77.3	57.3	-55.7	Pass
3449.000	Peak	H	49.2	-28.2	21.0	10%	1.0	77.3	57.3	-56.3	Pass