

Annex A – Band Edge and Emission Mask Measurements

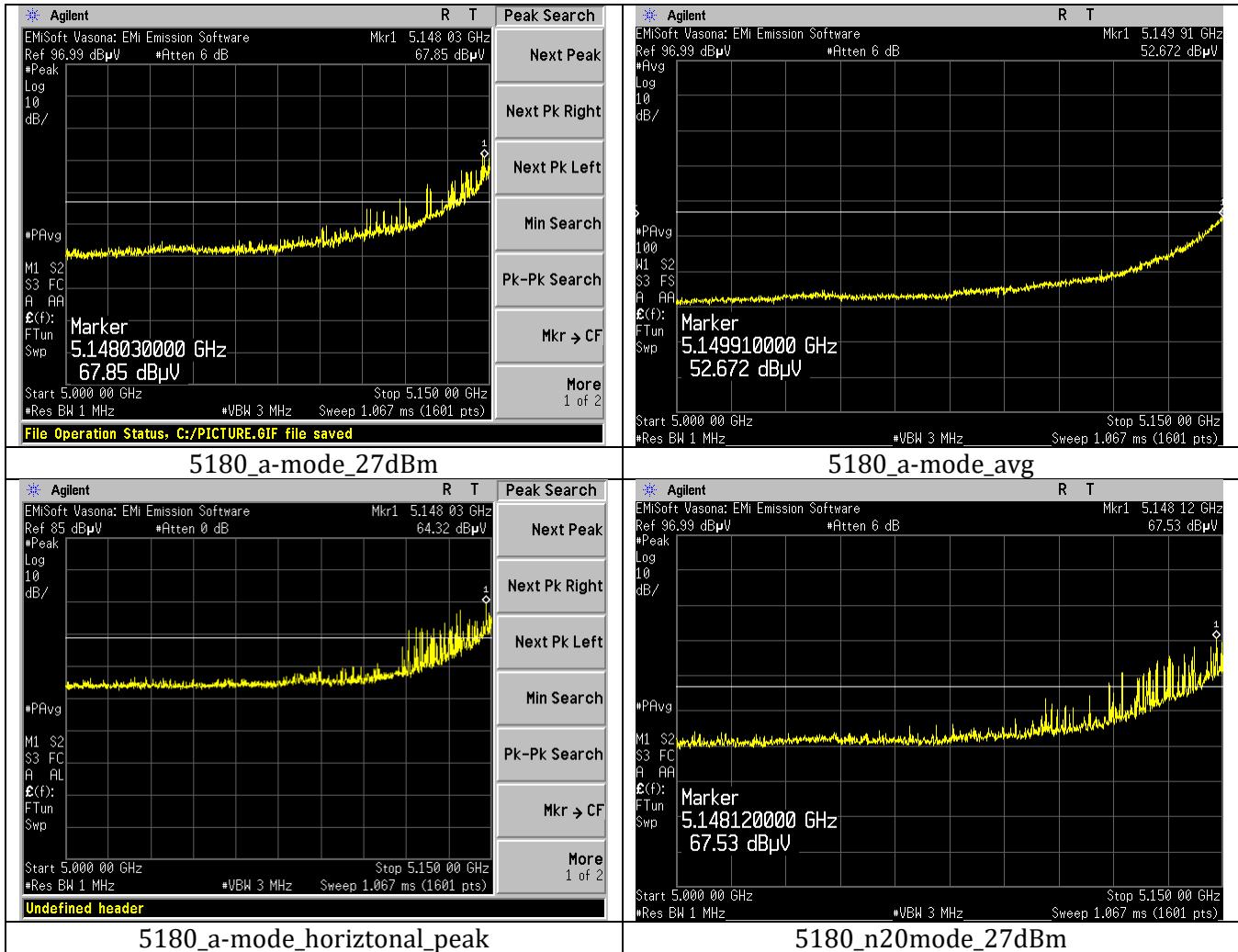
Modulation	Frequency (GHz)	S.A. Reading (dB μ V/m @3m)	Duty Cycle Correction Factor (dB)	Corrected Amplitude (dB μ V/m @3m)	Limit (dB μ V/m @3m)	Margin (dB)
802.11a	5.149910	52.672	0.339	53.011	54	-0.989
802.11n20	5.147560	50.159	0.403	50.562	54	-3.438
802.11n40	5.150000	50.989	0.545	51.534	54	-2.466
802.11ac80	5.148590	52.266	0.813	53.079	54	-0.921

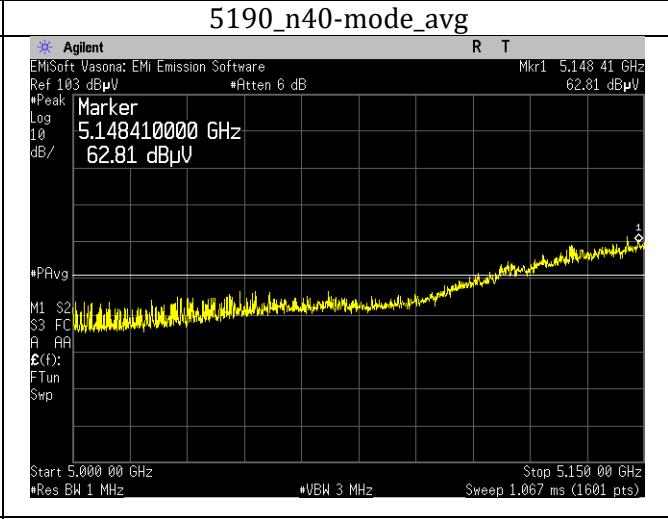
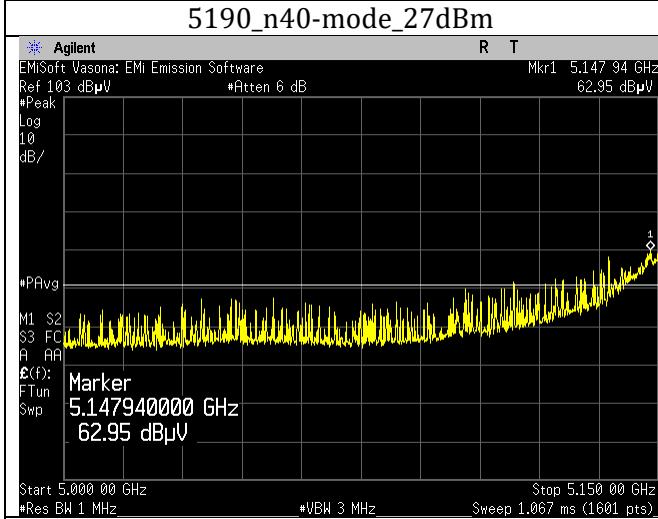
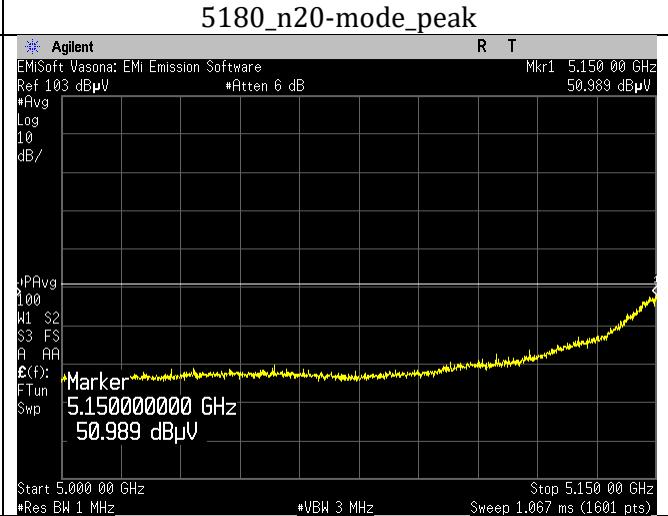
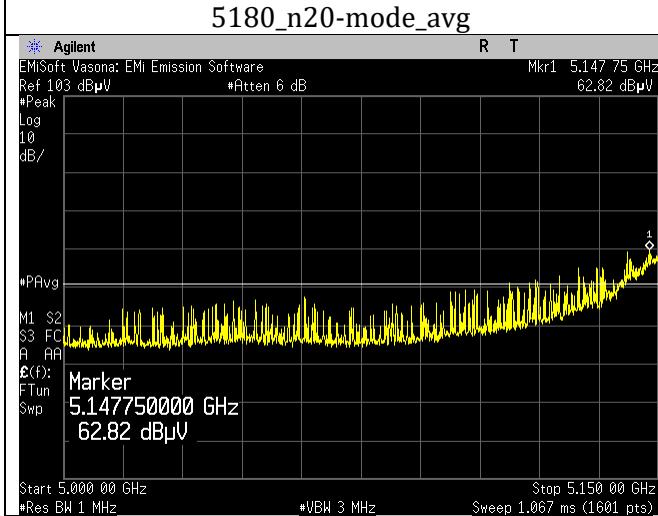
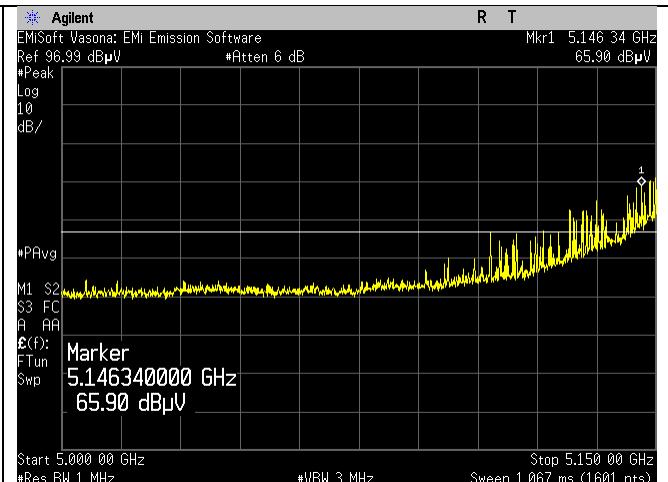
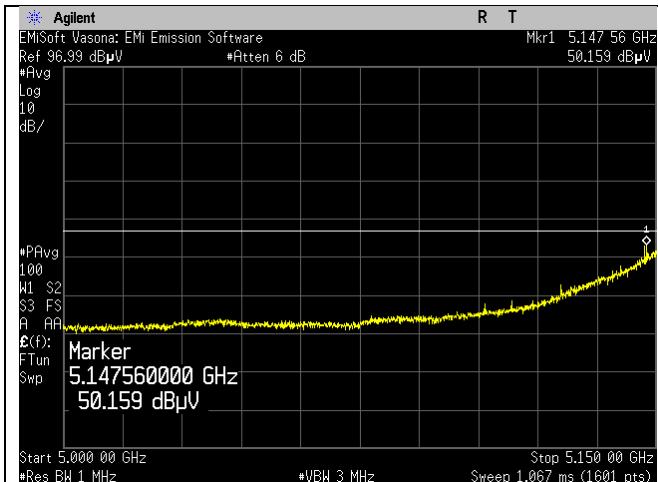
Note: As per ANSI C63.10 Clause 12.7.7.2, for the following average band edge measurements where continuous transmission of EUT ($\geq 98\%$) cannot be achieved, a correction factor shall be added to the measurement. The table above takes the duty cycle correction factor into consideration before comparing to limit

Please refer to the following plots.

Naming Convention: Frequency(MHz)_modulation(a/n20/n40/ac80-mode)
 _measurement(avg,peak,27dBm)

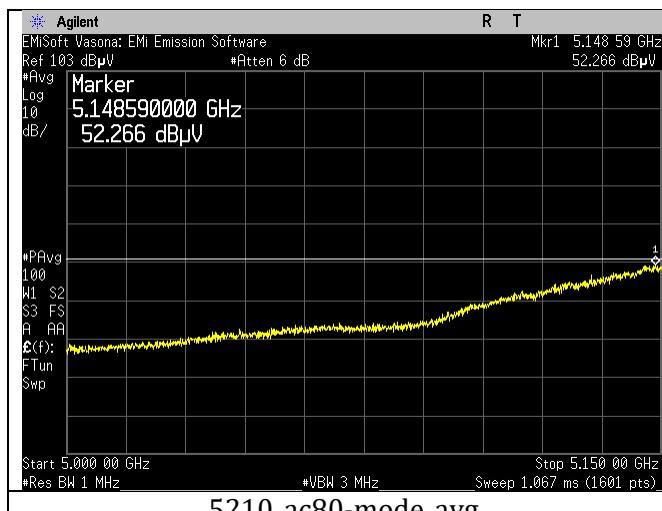
Note: Horizontal Polarization was measured to be worst case polarization and was used for the following plots



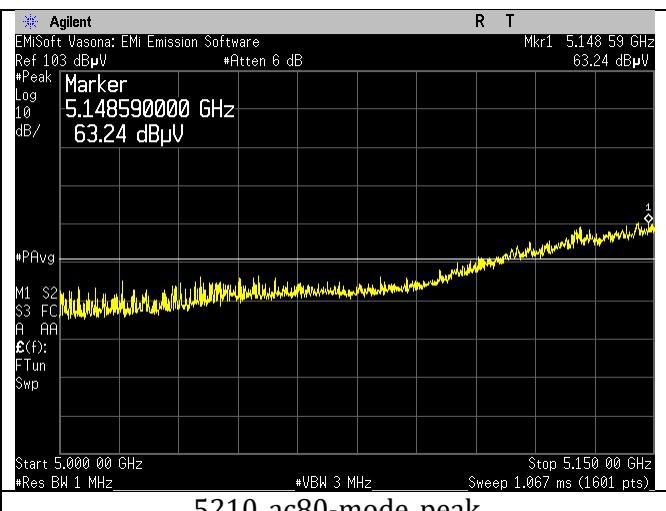


5190_n40-mode_peak

5210_ac80-mode_27dBm



5210_ac80-mode_avg

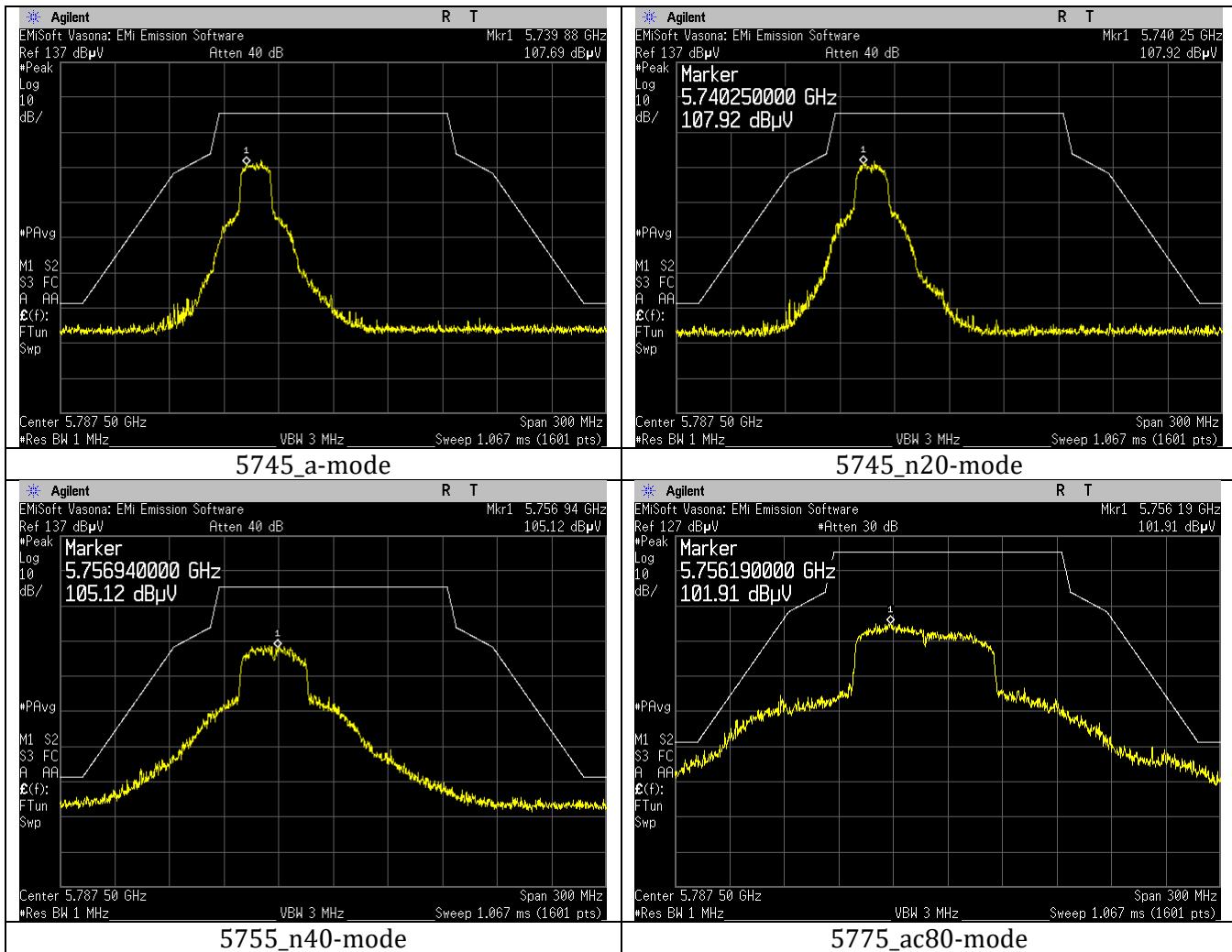


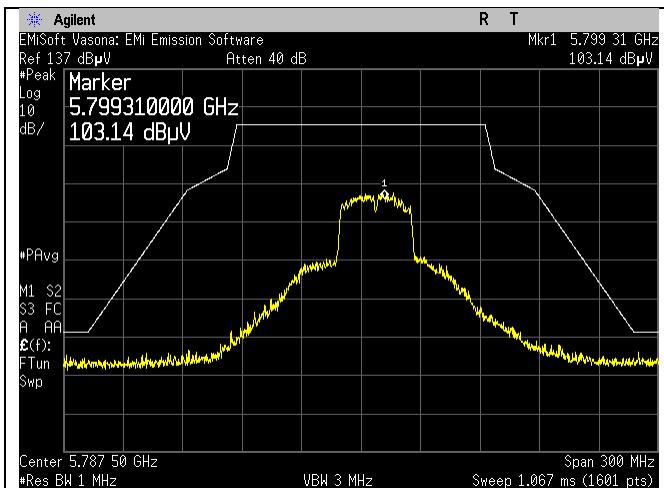
5210_ac80-mode_peak

Naming Convention: Frequency(MHz)_modulation(a/n20/n40/ac80-mode)

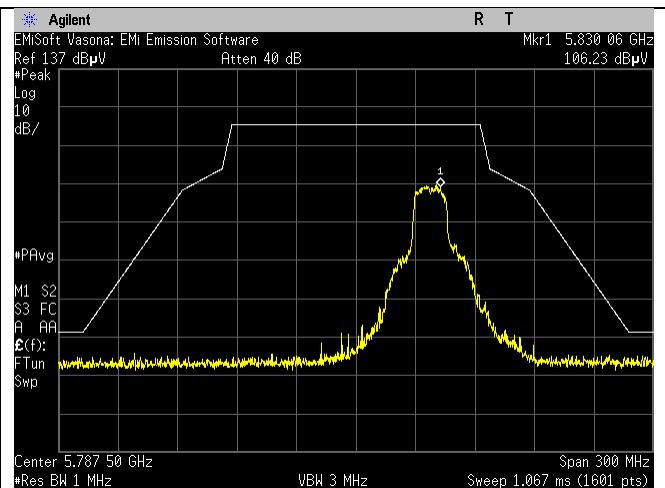
Note: Horizontal Polarization was measured to be worst case polarization and was used for the following plots

5.8 Emission Masks

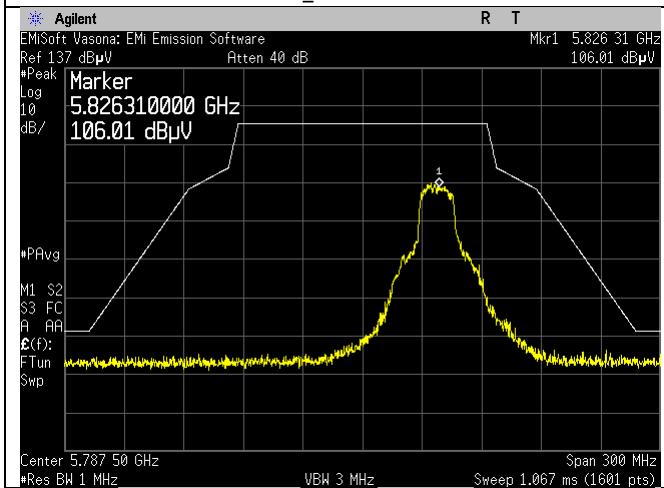




5795_n40-mode



5825_a-mode



5825_n20-mode