

Annex A – Band Edge Measurements

BandEdge	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)
802.11b						
Low	2.388053	51.092	0.052	51.144	54	-2.856
High	2.483553	43.043	0.052	43.095	54	-10.905
802.11g						
Low	2.389920	51.819	0.325	52.144	54	-1.856
High	2.483500	50.429	0.325	50.754	54	-3.246
802.11n20						
Low	2.390000	52.019	0.270	52.289	54	-1.711
High	2.483715	49.525	0.270	49.795	54	-4.205
802.11n40						
Low	2.389440	53.167	0.643	53.810	54	-0.190
High	2.483632	51.876	0.643	52.519	54	-1.481
BLE						
Low	2.376630	28.711	1.871	30.582	54	-23.418
High	2.483649	29.379	1.871	31.250	54	-22.750
DH5						
Low	2.375910	28.792	1.143	29.935	54	-24.065
High	2.483665	30.712	1.143	31.855	54	-22.145
2DH5						
Low	2.389200	28.498	0.605	29.103	54	-24.897
High	2.483682	30.415	0.605	31.020	54	-22.980
3DH5						
Low	2.388080	28.716	1.135	29.851	54	-24.149
High	2.483533	29.240	1.135	30.375	54	-23.625

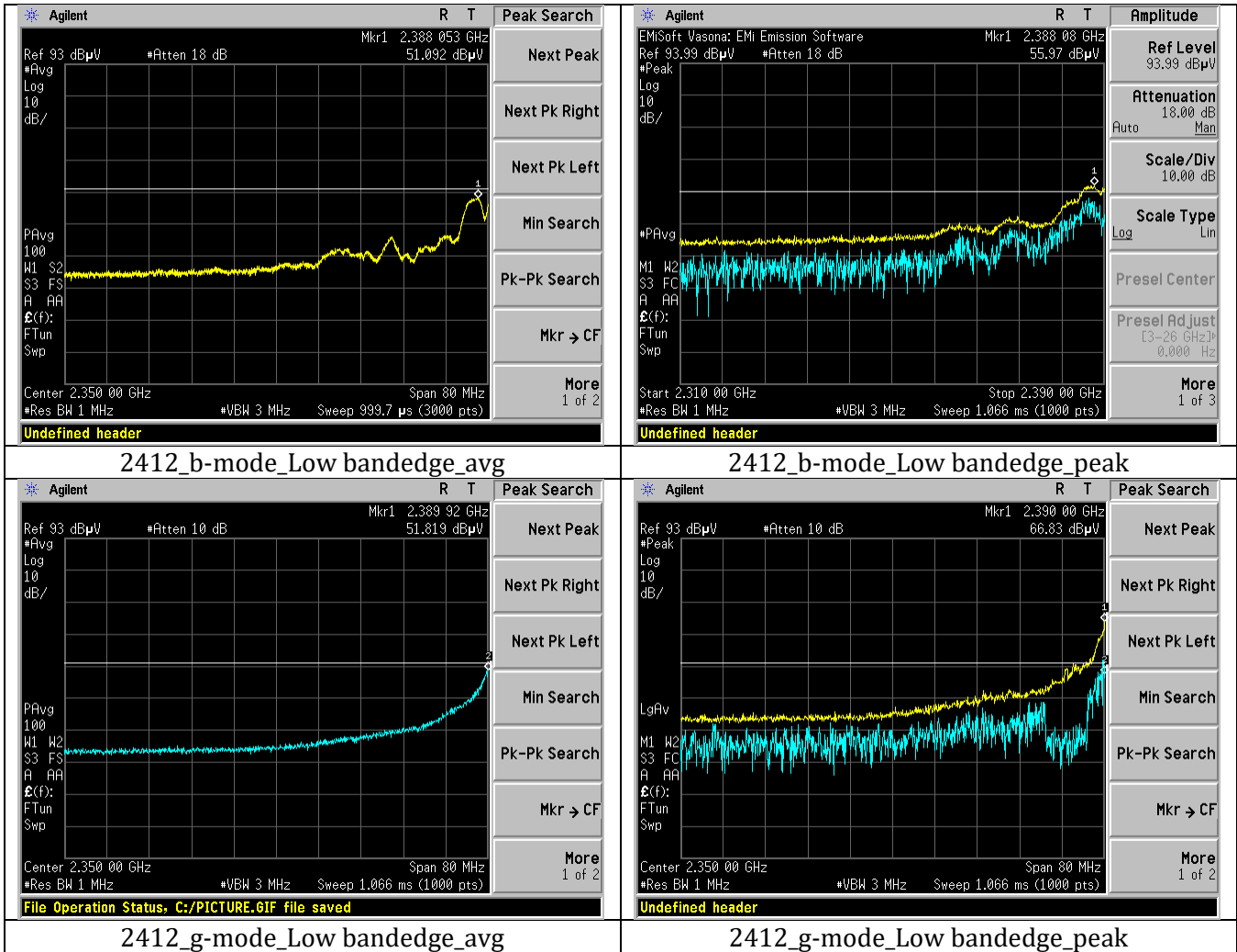
Note: As per ANSI C63.10 Clause 11.13.3.4, for the following average band edge measurements where continuous transmission of EUT ($\geq 98\%$) cannot be achieved, a correction factor shall be added to the measurement. The table above takes the duty cycle correction factor into consideration before comparing to limit

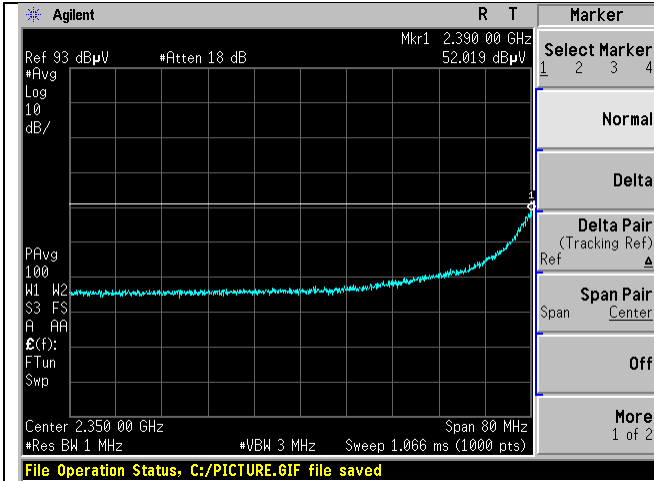
Please refer to the following plots.

Naming Convention: Frequency (MHz)_Modulation (b,g,n20)_Bandedge (Low High)_Polarity (Horizontal,Vertical)_measurement (peak,avg)

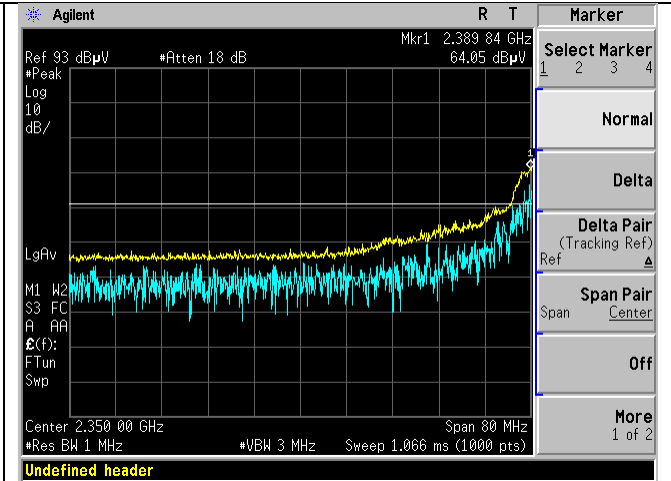
Note: Horizontal Polarization was measured to be worst case polarization and was used for the following plots

2.4 GHz Wi-Fi

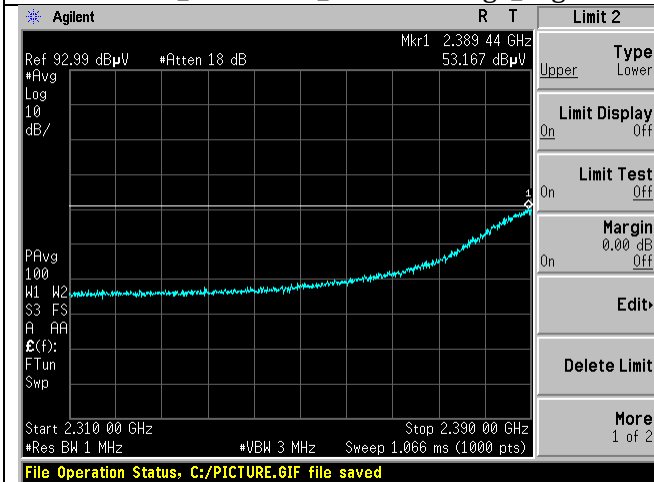




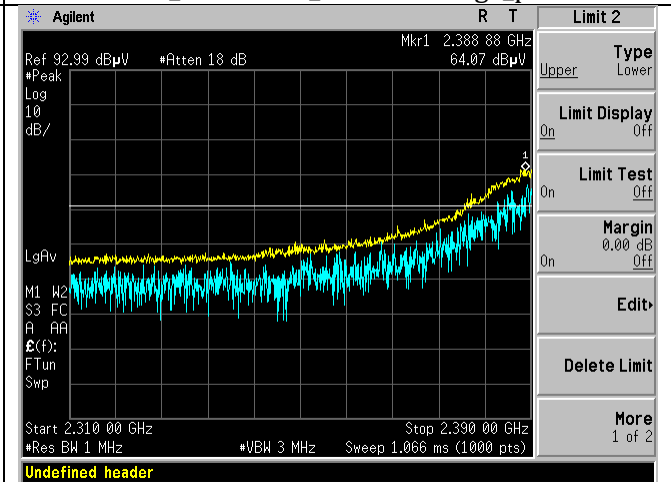
2412_n20-mode_Low bandedge_avg



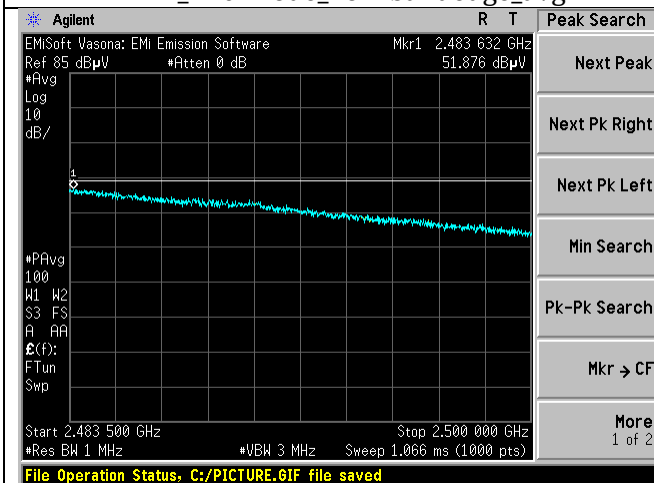
2412_n20-mode_Low bandedge_peak



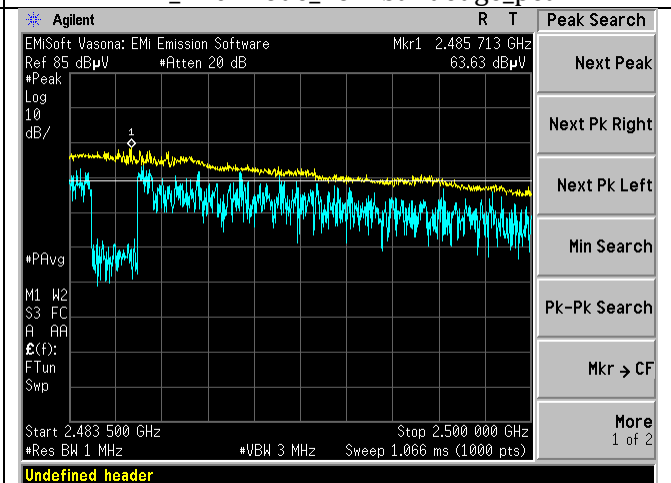
2422_n40-mode_Low bandedge_avg



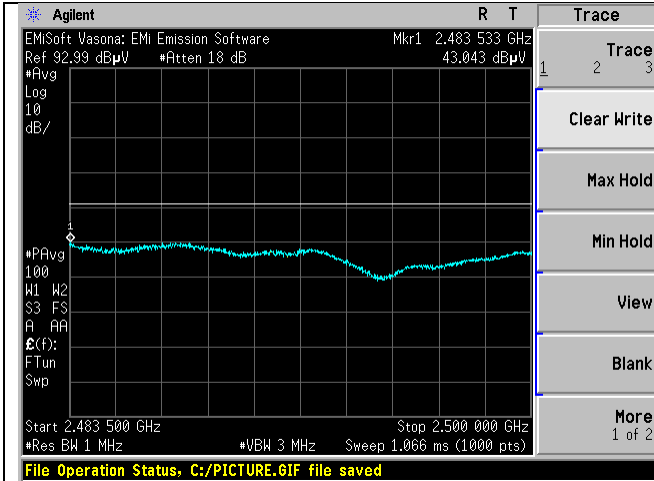
2422_n40-mode_Low bandedge_peak



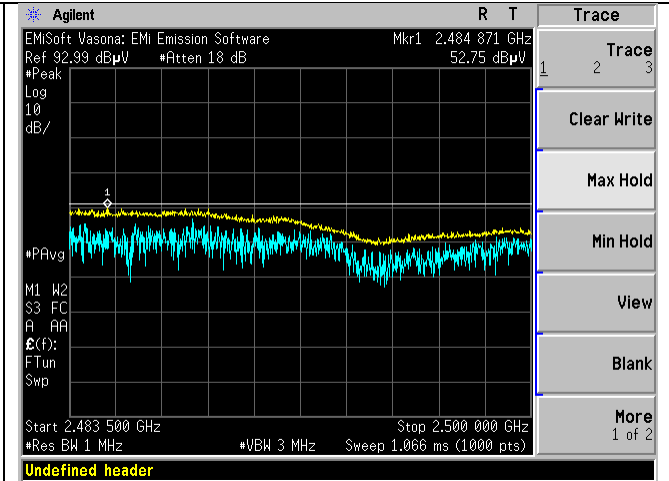
2452_n40_High bandedge_avg



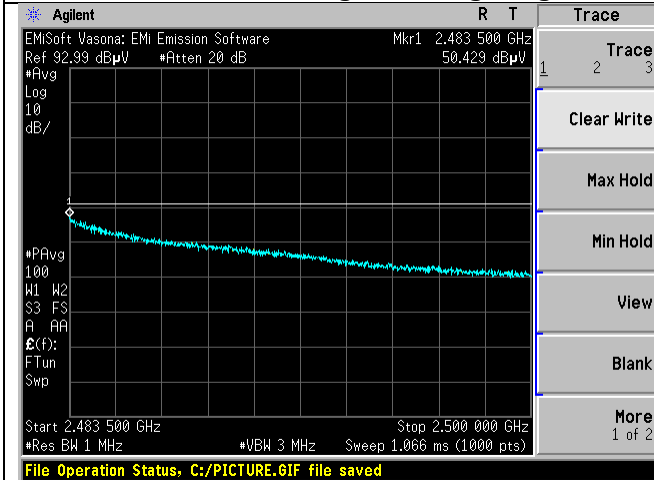
2452_n40-mode_High bandedge_peak



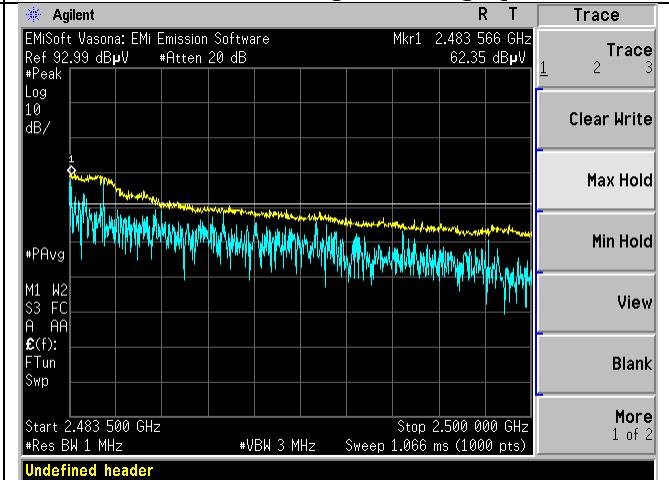
2462_b-mode_High bandedge_avg



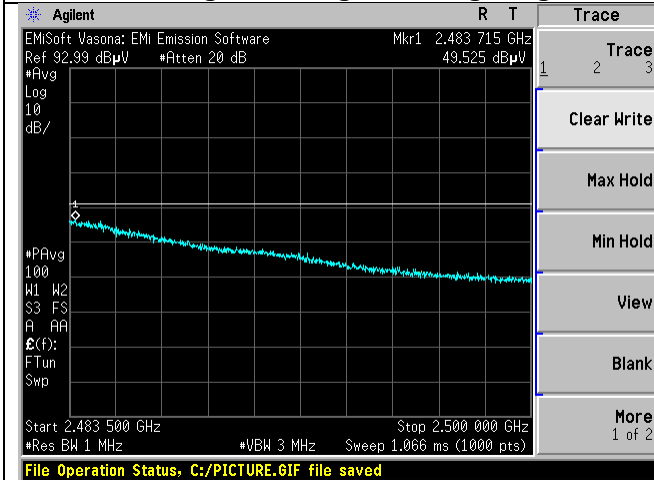
2462_b-mode_High bandedge_peak



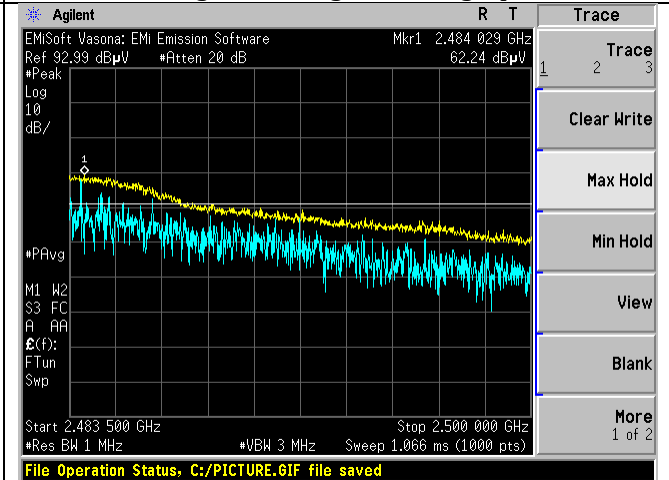
2462_g-mode_High bandedge_avg



2462_g-mode_High bandedge_peak



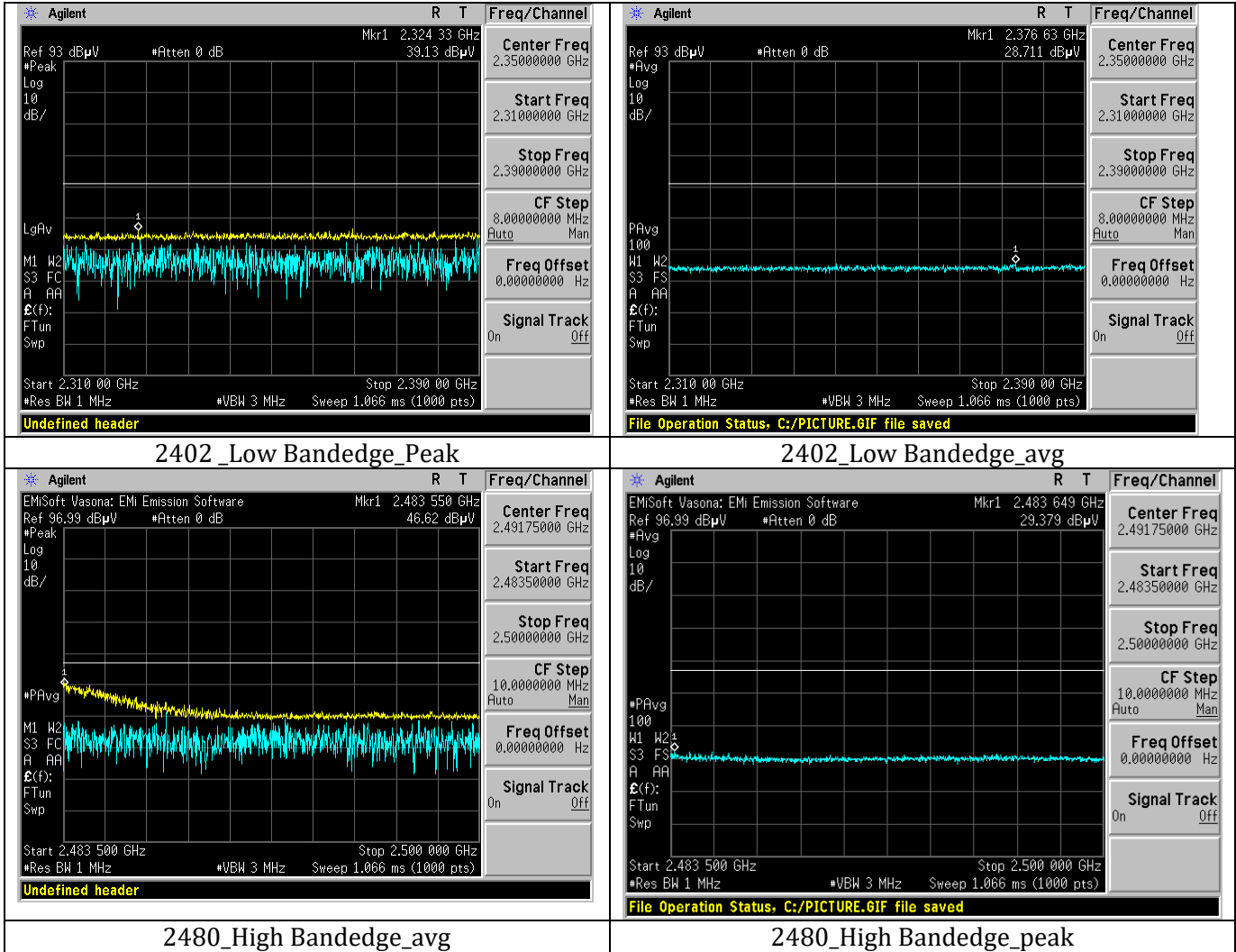
2462_n20-mode_High bandedge_avg



2462_n20-mode_High bandedge_peak

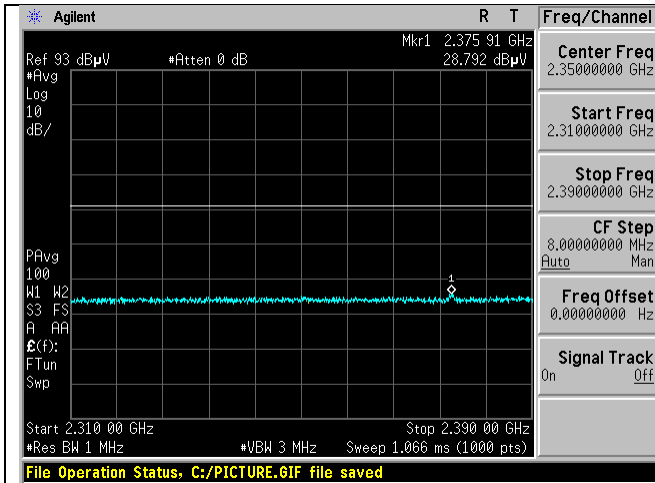
Naming Convention: Frequency (MHz)_Bandedge (Low High)_measurement (peak,avg)

BLE

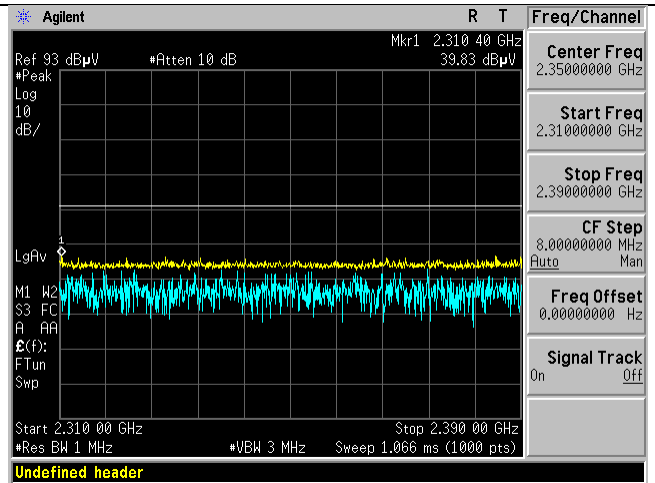


Naming Convention: Frequency (MHz)_Modulation (DH5)_Bandedge (Low High)_measurement (peak,avg)

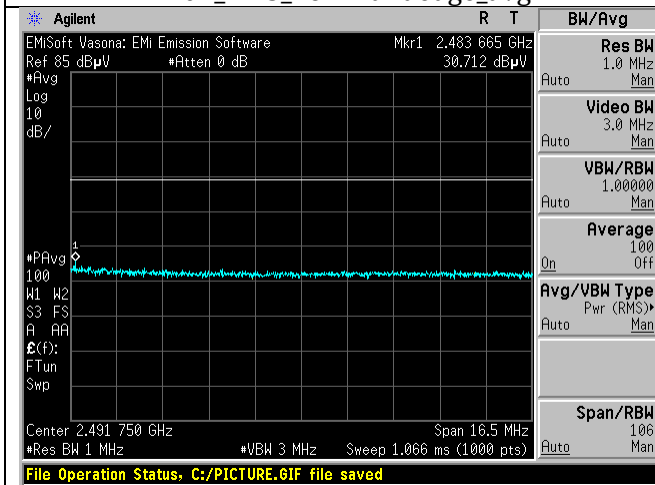
BTC



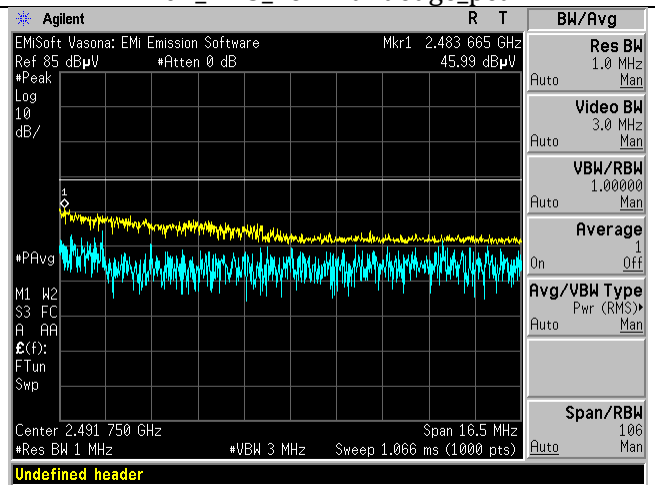
2402_DH5_Low Bandedge_avg



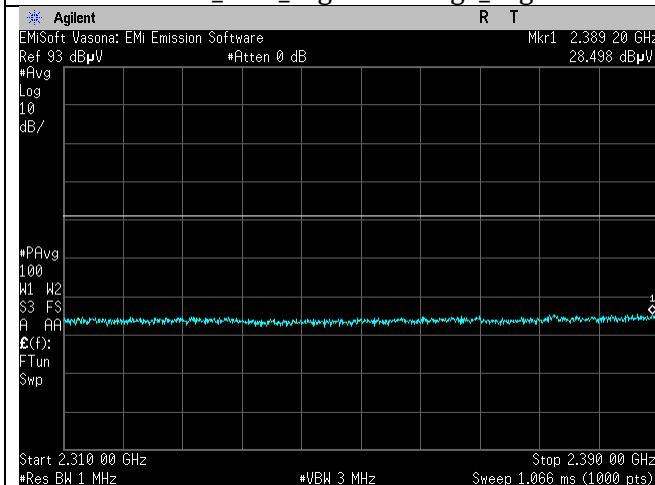
2402_DH5_Low Bandedge_peak



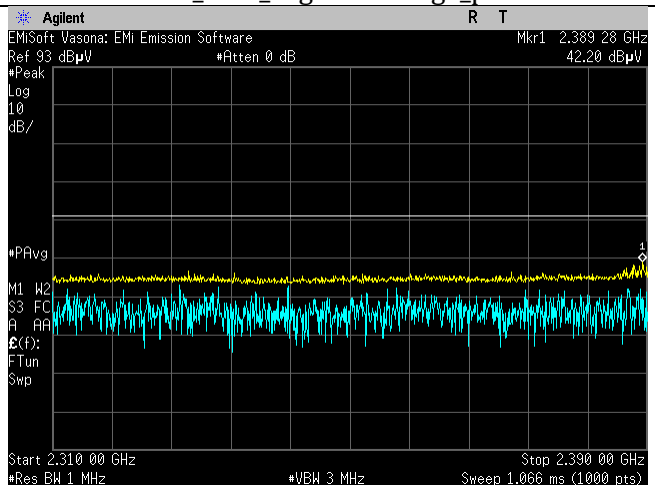
2480_DH5_High Bandedge_avg



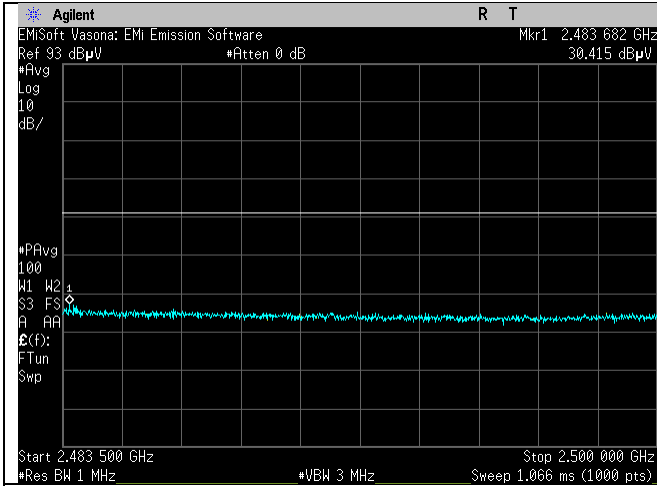
2480_DH5_High Bandedge_peak



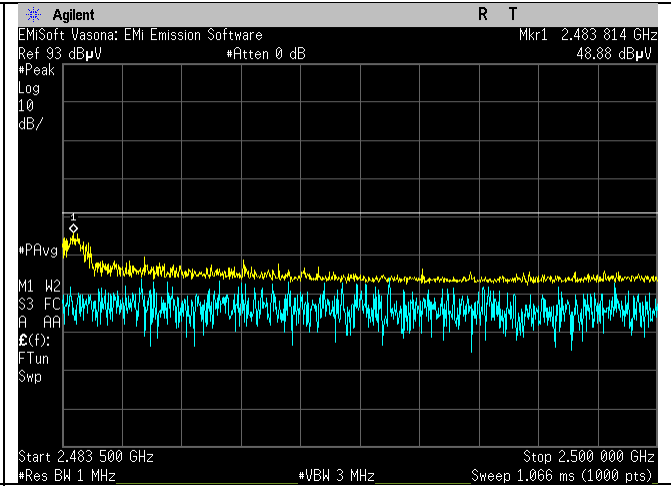
2402_2-DH5_Low Bandedge_avg



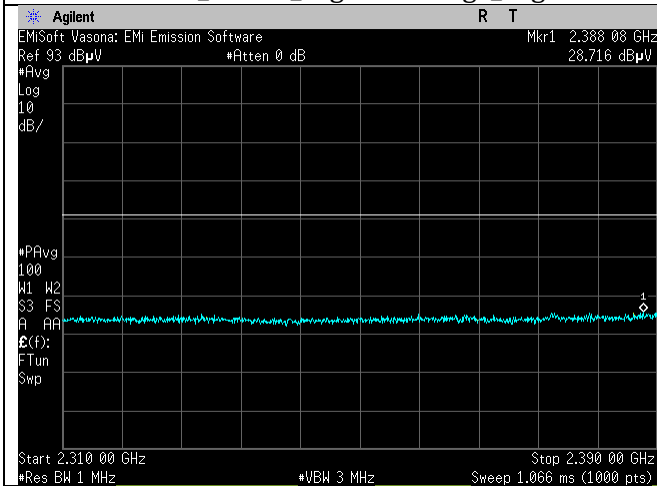
2402_2-DH5_Low Bandedge_peak



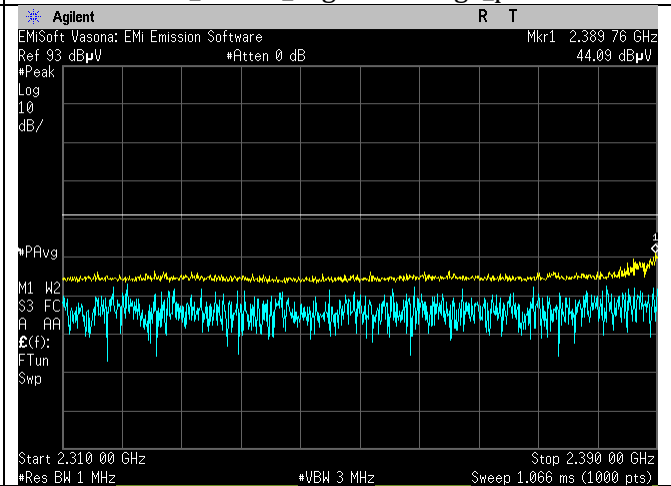
2480_2-DH5_High Bandedge_avg



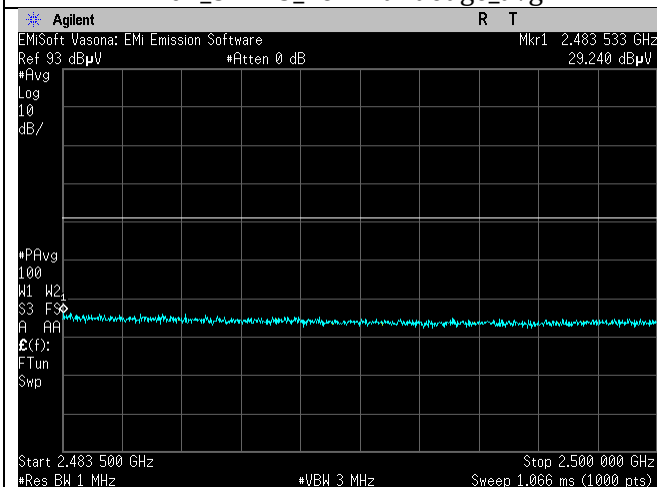
2480_2-DH5_High Bandedge_peak



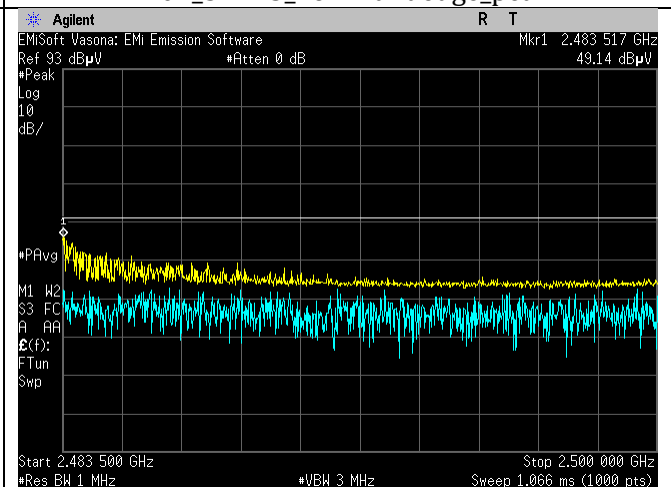
2402_3-DH5_Low Bandedge_avg



2402_3-DH5_Low Bandedge_peak



2480_3-DH5_High Bandedge_avg



2480_3-DH5_High Bandedge_peak