

RE: REMEC Inc.
FCC ID: I2ODPA4040G

1) For permissive change applications, the conducted power is expected to be within 0.5 dB of the original conducted power. It appears that the conducted power in this application is 46.5 dBm, while the original application output power was 49.5 dBm. Note that since this is a delta of 3 dB, this would not be considered acceptable as a permissive change application. Please recheck the power measurements, settings, etc. to ensure proper output levels.

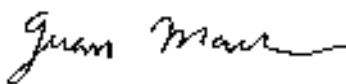
Response: Public Notice DA 02-1097 "FCC Lab Provides Guidance on Certification of Linear Power Amplifiers Used with Cellular and PCS Transmitters" states: Both base station transmitters and LPAs may reduce their output power by up to 15% without re-testing or re-certification. Reductions of more than 15% require filing an application for a Class II permissive change that includes additional test data for conducted spurious emissions.

2) The FCC has started requiring devices that operate on Part 22H/24E to provide bandedge testing for each block edge. This requires that Part 22H devices be tested at bandedges occurring at bands A, B, A', & B'. Part 24E require bandedge testing at edges of bands A, B, C, D, E, & F. Please provide additional bandedge data for this device as necessary. Please note that it is only necessary to perform this for the worse case modulation. The worse-case modulation accepted by the FCC is considered the one with the widest bandwidth since that will require the greatest 1% measurement RBW to be used. Note that additional data (other than what has already been provided) for other tests such as spurious emissions, power, or other antenna conducted tests are not required.

Response: Bandedge plots for all blocks, that are applicable for the amplifier, have been uploaded. The plots are label "DPA-4040G Edge (or GSM) Mod, Block AL (Block A, Low Bandedge), 43 dBm Comb". The 43 dBm Comb is the mode that the amplifier was tested in. The report data, for the output power, will show that the 46 dBm Comb. is the mode that will produce a 44.7 dBm output power. This is stated so that it is not confused or assumed that the bandedges was tested at 43 dBm.

Hopefully this answers all of your questions. Please contact me via doc@elliottlabs.com if you require more information.

Regards,



Juan Martinez
Sr. EMC Engineer