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In reference to FCC ID AZPFP-T2PHKA-75

1. The test procedure and substitution method is strictly according to TIA/EIA 603. The final values are ERP figures.
But I think I need to explain the „Correction factor“. Since we are doing ERP measurements every day, we made an ERP substitution at an fixed power level for the full range of frequencies to be scanned. This resulted in a correction table or transmission loss factor for each frequency. (Receiver reading + correction or transmission loss factor = ERP). This procedure is similar to adding antenna factor and cable loss to receiver reading at field strength measurements. We have established correction tables for all test sites, Antenna polarisation, test distances and EUT frequencies. These correction tables are verified periodically as required by our QA system and are covered by our laboratory accreditation as well.
2. I made a silly mistake: The unit is an AM System! And the correct necessary bandwidth according to CFR 47 2.202 is 2K04A3D.
Justification: The width of the shortest pulse of the pulse train is 490µs, determining the highest modulation frequency which is 2.04 kHz. The formula $B_n = M$ was used for determining the necessary bandwidth. I will upload a corrected form 731 through ATCB website.

Johann Roidt

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