



Spectrum 700 Path 1/AWS Path SRAU SPT-S2-70AWS-1-SISO

FCC 27.53

27.53(c)(3) On all frequencies between 763-775 MHz and 793-805 MHz, by a factor not less than $76 + 10 \log (P)$ dB in a 6.25 kHz band segment, for base and fixed stations;

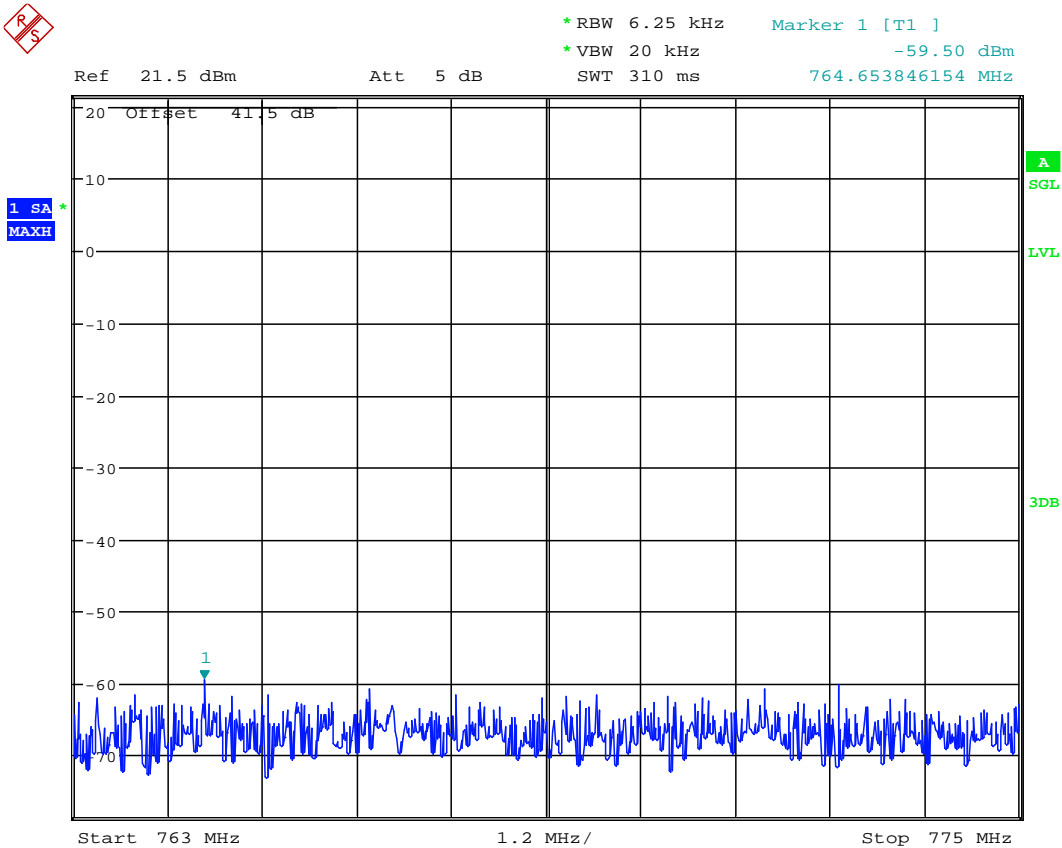
27.53(c)(4) On all frequencies between 763-775 MHz and 793-805 MHz, by a factor not less than $65 + 10 \log (P)$ dB in a 6.25 kHz band segment, for mobile and portable stations;

27.53(c)(6) Compliance with the provisions of paragraphs (c)(3) and (c)(4) of this section is based on the use of measurement instrumentation such that the reading taken with any resolution bandwidth setting should be adjusted to indicate spectral energy in a 6.25 kHz segment.

27.53(f) For operations in the 746-763 MHz, 775-793 MHz, and 805-806 MHz bands, emissions in the band 1559-1610 MHz shall be limited to -70 dBW/MHz equivalent isotropically radiated power (EIRP) for wideband bandwidth. For the purpose of equipment authorization, a transmitter shall be tested with an antenna that is representative of the type that will be used with the equipment in normal operation.

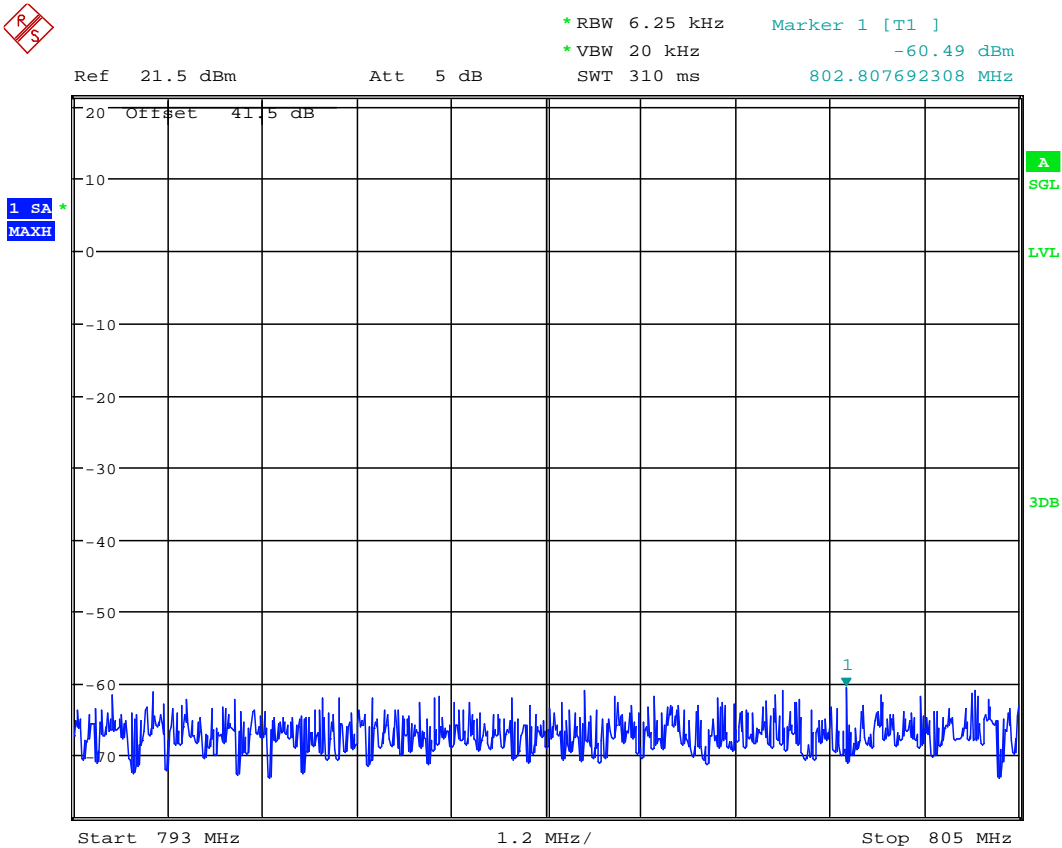
LTE 10MHz Channel Bandwidth modulation was used on all plots regarding the above specifications.

FCC 27.53 (c) Frequency Band 763 – 775 MHz



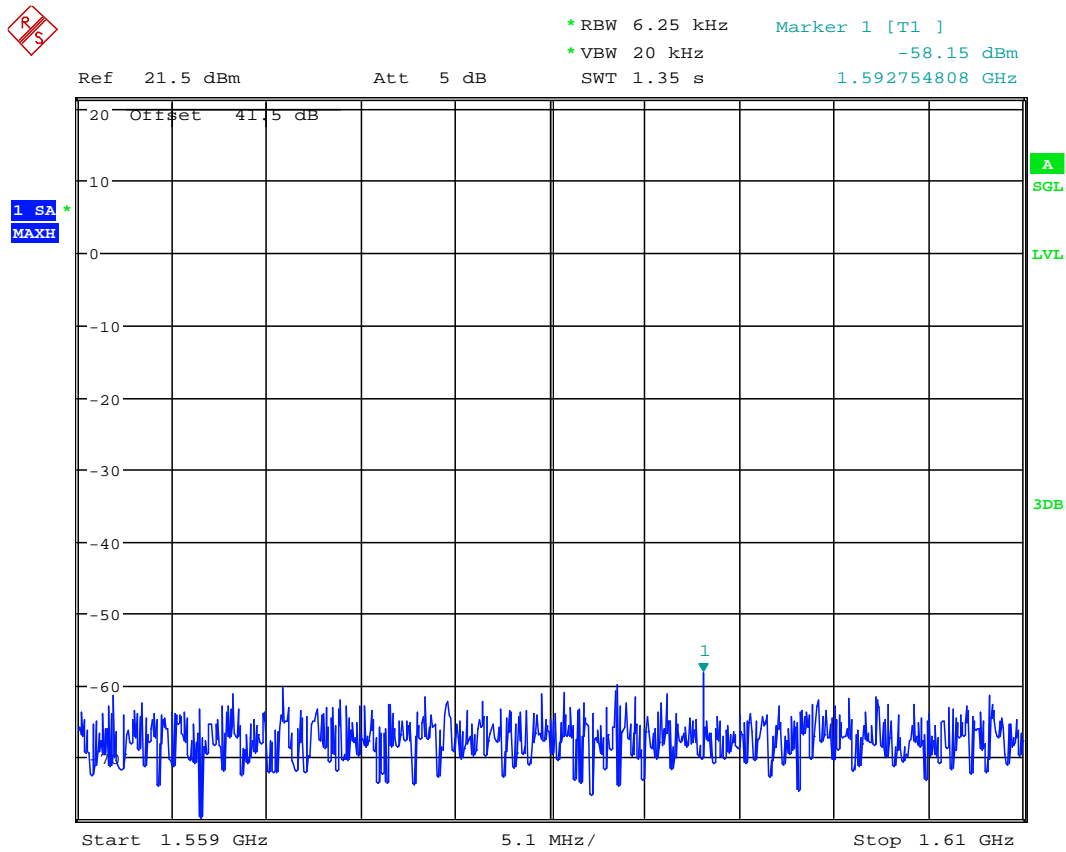
Date: 20.JUN.2011 11:24:56

FCC 27.53 (c) Frequency Band 793 – 805 MHz



Date: 20.JUN.2011 11:23:50

FCC 27.53 (f) Frequency Band 1559 – 1610 MHz



Date: 20.JUN.2011 11:26:39

Testing Location:

ADC Telecommunications
1187 Park Place
Shakopee, MN 55379
Phone: (952) 403-8340
Fax: (952) 403-8858

Testing Conducted on June 20th, 2011 by (ADC):



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Compliance Engineer
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Test Equipment Used:

Number	Description	Manufacturer	Model	ADC TELECOMMUNICATIONS Serial Number	Cal Due	Used
1	Signal Generator	Aeroflex	3413	MC57947	6-30-11	<input checked="" type="checkbox"/>
2	Spectrum Analyzer	Rhode & Schwarz	FSQ-8	MC54251	4-20-12	<input checked="" type="checkbox"/>