

§ 90.221 Adjacent channel power limits.

Frequency offset	Maximum ACP (dBc) for devices less than 15 watts	Maximum ACP (dBc) for devices 15 watts and above
25 kHz	-55 dBc	-55 dBc
50 kHz	-65 dBc	-65 dBc
75 kHz	-65 dBc	-70 dBc

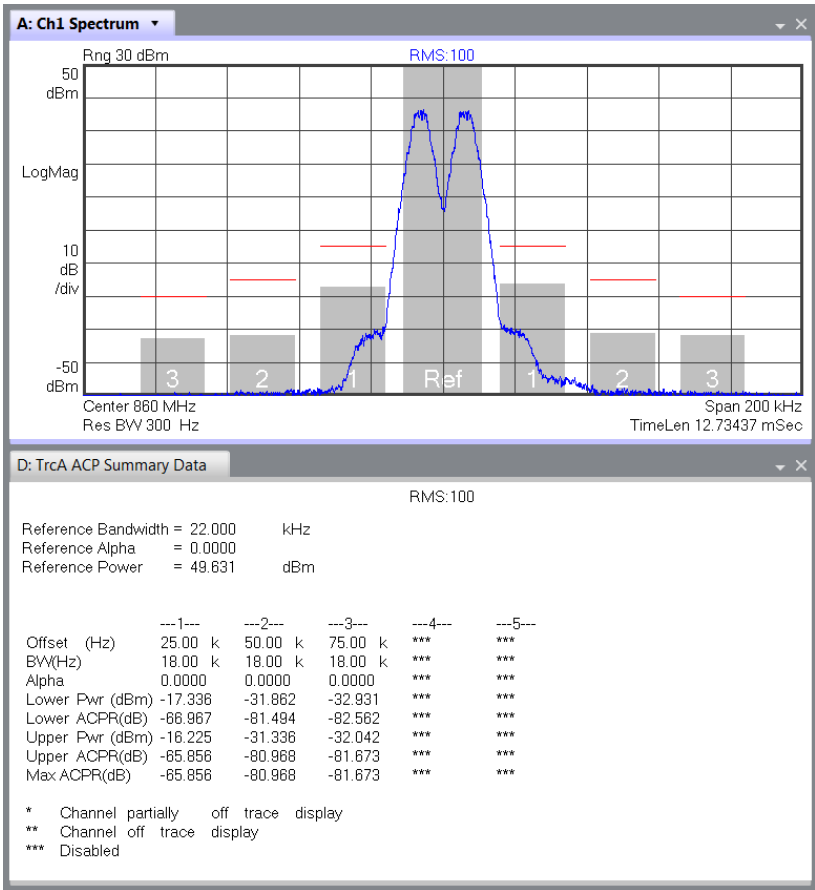


Figure 1 Two Carrier System Example ACP Test System Diagram, Limits, Example Output

CORRESPONDENCE
(Permissive Change)

Sinclair Technologies Inc.

TEST DATA

Customer Order No. DS13906627RPJob No. CC65846

Customer MOTOROLA ISPO

Model TC4112Serial No. CC65846 1 - 1

☒ New

☐ Repair

☐ Warranty

	Frequency (MHz)	Insertion Loss (dB)	Return Loss (dB)	Isolation (dB)	Notes
TX1	854.0000	3.4	>35		
TX2	862.0000	3.3	>35		
				>50	TX-TX
				>28	ANT-TX

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LIMITED WARRANTY

Supplier's antenna products are warranted against defects in materials and workmanship under normal use and service for a period of five years from date of shipment for all mechanical and electrical performance rating with the exception of low passive intermodulation ("PIM") rated antennas for which the PIM rating is warranted for two years from date of shipment. Antenna PIM ratings may be affected over time by exposure to harsh environmental conditions. Antenna products do not include damage which have a two year warranty from date of shipment under normal use and service and proper installation by purchaser. Supplier's filter products, power supplies, converters, and systems are warranted against defects in material and workmanship under normal use and service for a period of two years from date of shipment. This limited warranty does not extend to any products that have been subject to misuse, neglect, accident, improper installation or application, nor shall it extend to products which have been repaired or altered outside supplier's factory. In the event of a defect covered by this limited warranty, supplier's sole obligation and purchaser's sole remedy shall be that supplier, upon receipt of the defective product, shall either repair or replace, at its option, the defective product and return it to the purchaser. Supplier shall not be liable under any circumstances for any special, indirect, consequential, incidental, punitive or exemplary damages arising out of or in any way connected with its lost profits, loss of use, lost data or for any damages or sums paid by purchaser to third parties, even if supplier has been advised of the possibility of such damages. The foregoing limitation of liability shall apply whether any claim is based upon principles of contract, warranty, negligence or other tort, breach of any statutory duty, principles of indemnity or contribution, the failure of any limited or exclusive remedy to achieve its essential purpose, or otherwise. Supplier is not liable for replacement of any product damaged by lightning, wind or any other act of God or other event beyond the supplier's reasonable control. No product may be accepted for replacement or repair without written prior authorization from supplier. All shipping charges on returned product are the purchaser's responsibility and must be prepaid. Product replacement or repair is subject to an examination by supplier concluding that the product was defective at the time of manufacture. Except for the limited warranty set out above, supplier does not make, and hereby expressly disclaims, any and all other express and implied warranties, including, but not limited to warranties of merchantability, fitness for a particular purpose and any and all warranties arising from trade practice, custom or any other legal theory.

Technician: Mindy Zhang

Date: 01-Nov-13

Figure 2 Sinclair Hybrid Ferrite Combiner Test Data

CORRESPONDENCE
(Permissive Change)