

## 25 KHZ BASE TRANSMITTER ACP REQUIREMENTS

Offset from center frequency (kHz)	Measurement bandwidth (kHz)	Maximum ACP (dBc)
15.625	6.25	-40
21.875	6.25	-60
37.5	25	-60
62.5	25	-65
87.5	25	-65
150	100	-65
250	100	-65
350	100.00	-65
>400 kHz to 12 MHz	30 (s)	-80
12 MHz to paired receive band	30 (s)	-80
In the paired receive band	30 (s)	-100

## 150 KHZ BASE TRANSMITTER ACP REQUIREMENTS

Offset from center frequency (kHz)	Measurement bandwidth (kHz)	Maximum ACP (dBc)
100	50	-40
200	50	-50
300	50	-55
400	50	-60
600-1000	30 (s)	-65
1000 to receive band	30 (s)	-75 (continues at 6dB/oct)
In the receive band	30 (s)	-100

(b) *ACP measurement procedure.* The following are the procedures for making the transmitter ACP measurements. For all measurements modulate the transmitter as it would be modulated in normal operating conditions. For time division multiple access (TDMA) systems, the measurements are to be made under TDMA operation only during time slots when the transmitter is active. All measurements are made at the transmitter's output port. If a transmitter has an integral antenna, a suitable power coupling device shall be used to couple the RF signal to the measurement instrument. The coupling device shall substantially maintain the proper transmitter load impedance. The ACP measurements may be made with a spectrum analyzer capable of making direct ACP measurements. "Measurement bandwidth", as used for non-swept measurements, implies an instrument that measures the power in

many narrow bandwidths equal to the nominal resolution bandwidth and integrates these powers to determine the total power in the specified measurement bandwidth.

(1) *Setting reference level.* Set transmitter to maximum output power. Using a spectrum analyzer capable of ACP measurements, set the measurement bandwidth to the channel size. For example, for a 6.25 kHz transmitter, set the measurement bandwidth to 6.25 kHz; for a 150 kHz transmitter, set the measurement bandwidth to 150 kHz. Set the frequency offset of the measurement bandwidth to zero and adjust the center frequency of the instrument to the assigned center frequency to measure the average power level of the transmitter. Record this power level in dBm as the "reference power level".

(2) *Non-swept power measurement.* Using a spectrum analyzer capable of ACP measurements, set the measurement bandwidth and frequency offset from the assigned center frequency as shown in the tables in § 90.543 (a) above. Any value of resolution bandwidth may be used as long as it does not exceed 2 percent of the specified measurement bandwidth. Measure the power level in dBm. These measurements should be made at maximum power. Calculate ACP by subtracting the reference power level measured in (b)(1) from the measurements made in this step. The absolute value of the calculated ACP must be greater than or equal to the absolute value of the ACP given in the table for each condition above.

(3) *Swept power measurement.* Set a spectrum analyzer to 30 kHz resolution bandwidth, 1 MHz video bandwidth and average, sample, or RMS detection. Set the reference level of the spectrum analyzer to the RMS value of the transmitter power. Sweep above and below the carrier frequency to the limits defined in the tables. Calculate ACP by subtracting the reference power level measured in (b)(1) from the measurements made in this step. The absolute value of the calculated ACP must be greater than or equal to the absolute value of the ACP given in the table for each condition above.

(c) *Out-of-band emission limit.* On any frequency outside of the frequency ranges covered by the ACP tables in this section, the power of any emission must be reduced below the mean output power (P) by at least  $43 + 10 \log(P)$  dB measured in a 100 kHz bandwidth for frequencies less than 1 GHz, and in a 1 MHz bandwidth for frequencies greater than 1 GHz.

(d) *Authorized bandwidth.* Provided that the ACP requirements of this

section are met, applicants may request any authorized bandwidth that does not exceed the channel size.

(e) For operations in the 764 to 776 MHz and 794 to 806 MHz bands, all emissions including harmonics in the band 1559-1610 MHz shall be limited to -70 dBW/MHz equivalent isotropically radiated power (EIRP) for wideband signals, and -80 dBW EIRP for discrete emissions of less than 700 Hz 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.

(f) When an emission outside of the authorized bandwidth causes harmful interference, the Commission may, at its discretion, require greater attenuation than specified in this section.

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## FEDERAL COMMUNICATIONS COMMISSION

## 47 CFR Part 73

[DA 05-1023; MB Docket No. 04-316, RM-11047]

## Radio Broadcasting Services; Morrison and Sparta, Tennessee

**AGENCY:** Federal Communications Commission.

**ACTION:** Final rule.

**SUMMARY:** The Audio Division, at the request of Clear Channel Broadcasting Licenses, Inc., licensee of Station WRKK-FM, Channel 288A, Sparta, Tennessee, deletes Channel 288A at Sparta, Tennessee, from the FM Table of Allotments, allots Channel 287A at Morrison, Tennessee, as the community's first local FM service, and modifies the license of Station WRKK-FM to specify operation on Channel 287A at Morrison. Channel 287A can be allotted to Morrison, Tennessee, in compliance with the Commission's minimum distance separation requirements with a site restriction of 3.4 km (2.1 miles) northeast of Morrison. The coordinates for Channel 287A at Morrison, Tennessee, are 35-37-27 North Latitude and 85-53-37 West Longitude.

**DATES:** Effective May 23, 2005.

**FOR FURTHER INFORMATION CONTACT:** Deborah Dupont, Media Bureau, (202) 418-2180.

**SUPPLEMENTARY INFORMATION:** This is a synopsis of the Commission's *Report and Order*, MB Docket No. 04-316,

adopted April 6, 2005, and released April 8, 2005. The full text of this Commission decision is available for inspection and copying during normal business hours in the FCC Information Center, Portals II, 445 12th Street, SW., Room CY-A257, Washington, DC 20554. The complete text of this decision also may be purchased from the Commission's duplicating contractor, Best Copy and Printing, Inc., 445 12th Street, SW., Room CY-B402, Washington, DC, 20554, (800) 378-3160, or via the company's Web site, <http://www.bcpweb.com>. The Commission will send a copy of this *Report and Order* in a report to be sent to Congress and the Government Accountability Office pursuant to the Congressional Review Act, see U.S.C. 801(a)(1)(A).

#### List of Subjects in 47 CFR part 73

Radio, Radio broadcasting.

■ Part 73 of title 47 of the Code of Federal Regulations is amended as follows:

#### PART 73—RADIO BROADCAST SERVICES

■ 1. The authority citation for Part 73 continues to read as follows:

**Authority:** 47 U.S.C. 154, 303, 334 and 336.

#### § 73.202 [Amended]

■ 2. Section 73.202(b), the Table of FM Allotments under Tennessee, is amended by adding Morrison, Channel 287A and by removing Sparta, Channel 288A.

Federal Communications Commission.

**John A. Karousos,**

*Assistant Chief, Audio Division, Media Bureau.*

[FR Doc. 05-8211 Filed 4-26-05; 8:45 am]

**BILLING CODE 6712-01-P**

#### FEDERAL COMMUNICATIONS COMMISSION

#### 47 CFR Part 73

[DA 05-1026; MB Docket No. 02-387; RM-10623]

#### Radio Broadcasting Services; Lahaina and Waianae, HI

**AGENCY:** Federal Communications Commission.

**ACTION:** Final rule.

**SUMMARY:** In response to a *Notice of Proposed Rule Making*, 68 FR 2733 (January 21, 2003), this *Report and Order* reallocates Channel 266C, FM Station KLHI, Lahaina, Hawaii, to Waianae, Hawaii, and modifies Station KLHI's license accordingly. The coordinates for Channel 266C at

Waianae, Hawaii, are 21-23-51 NL and 158-06-01 WL, with a site restriction of 10.7 kilometers (6.6 miles) southeast of Waianae.

**DATES:** Effective May 23, 2005.

**FOR FURTHER INFORMATION CONTACT:** R. Barthen Gorman, Media Bureau, (202) 418-2180.

**SUPPLEMENTARY INFORMATION:** This is a synopsis of the Commission's Report and Order, MB Docket No. 02-387, adopted April 6, 2005, and released April 8, 2005. The full text of this Commission decision is available for inspection and copying during normal business hours in the FCC's Reference Information Center at Portals II, 445 12th Street, SW., Room CY-A257, Washington, DC 20554. The document may also be purchased from the Commission's duplicating contractor, Best Copy and Printing, Inc., Portals II, 445 12th Street, SW., Room CY-B402, Washington, DC 20554, telephone 1-800-378-3160 or [www.BCPIWEB.com](http://www.BCPIWEB.com). The Commission will send a copy of this *Report and Order* in a report to be sent to Congress and the Government Accountability Office pursuant to the Congressional Review Act, see 5 U.S.C. 801(a)(1)(A).

#### List of Subjects in 47 CFR Part 73

Radio, Radio broadcasting.

■ Part 73 of Title 47 of the Code of Federal Regulations is amended as follows:

#### PART 73—RADIO BROADCAST SERVICES

■ 1. The authority citation for Part 73 reads as follows:

**Authority:** 47 U.S.C. 154, 303, 334, and 336.

#### § 73.202 [Amended]

■ 2. Section 73.202(b), the Table of FM Allotments under Hawaii, is amended by removing Channel 266C1 at Lahaina, and adding Waianae, Channel 266A.

Federal Communications Commission.

**John A. Karousos,**

*Assistant Chief, Audio Division, Media Bureau.*

[FR Doc. 05-8210 Filed 4-26-05; 8:45 am]

**BILLING CODE 6712-01-P**

#### FEDERAL COMMUNICATIONS COMMISSION

#### 47 CFR Part 73

[DA 05-1022; MB Docket No. 04-240; RM-10843]

#### Radio Broadcasting Services; Daytona Beach Shores, FL

**AGENCY:** Federal Communications Commission.

**ACTION:** Final rule.

**SUMMARY:** This document grants a petition filed by Carmine Tutera requesting the allotment of Channel 258A at Daytona Beach Shores, Florida, as its first local service. See 69 FR 42957, published July 19, 2004. The coordinates for Channel 258A at Daytona Beach Shores are 29-15-06 NL and 81-02-29 WL. There is a site restriction 10.1 kilometers (6.3 miles) northwest of Daytona Beach Shores.

**DATES:** Effective May 23, 2005.

**ADDRESSES:** Federal Communications Commission, 445 Twelfth Street, SW., Washington, DC 20554.

**FOR FURTHER INFORMATION CONTACT:** Rolanda F. Smith, Media Bureau, (202) 418-2180.

**SUPPLEMENTARY INFORMATION:** This is a summary of the Commission's *Report and Order*, MB Docket No. 04-240, adopted April 6, 2005, and released April 8, 2005. The full text of this Commission decision is available for inspection and copying during normal business hours in the Commission's Reference Center 445 Twelfth Street, SW., Washington, DC 20554. The complete text of this decision may also be purchased from the Commission's duplicating contractor, Best Copy and Printing, Inc., 445 12th Street, SW., Room CY-B402, Washington, DC 20054, telephone 1-800-378-3160 or [www.BCPIWEB.com](http://www.BCPIWEB.com). The Commission will send a copy of this *Report and Order* in a report to be sent to Congress and the Government Accountability Office pursuant to the Congressional Review Act, see 5 U.S.C. 801(a)(1)(A).

#### List of Subjects in 47 CFR Part 73

Radio, Radio broadcasting.

■ Part 73 of title 47 of the Code of Federal Regulations is amended as follows:

#### PART 73—RADIO BROADCAST SERVICES

■ 1. The authority citation for part 73 continues to read as follows:

**Authority:** 47 U.S.C. 154, 303, 334 and 336.