

FREQUENCY / CHANNEL CHART
FRS / GMRS TRANSCEIVERS

Channel type	Frequency (MHz)	Channel Number		Radio Service	GMRS license required?	Maximum permitted power		Detachable antenna permitted with license?
		Most radios	Icom IC-F21GM			without GMRS license	with GMRS license	
Shared	462.5625	1	9	FRS or GMRS	(a)	0.5 watt	5 watts	yes
Shared	462.5875	2	10	FRS or GMRS	(a)	0.5 watt	5 watts	yes
Shared	462.6125	3	11	FRS or GMRS	(a)	0.5 watt	5 watts	yes
Shared	462.6375	4	12	FRS or GMRS	(a)	0.5 watt	5 watts	yes
Shared	462.6625	5	13	FRS or GMRS	(a)	0.5 watt	5 watts	yes
Shared	462.6875	6	14	FRS or GMRS	(a)	0.5 watt	5 watts	yes
Shared	462.7125	7	15	FRS or GMRS	(a)	0.5 watt	5 watts	yes
FRS	467.5625	8	not available	FRS only	no	0.5 watt	0.5 watt	no
FRS	467.5875	9	not available	FRS only	no	0.5 watt	0.5 watt	no
FRS	467.6125	10	not available	FRS only	no	0.5 watt	0.5 watt	no
FRS	467.6375	11	not available	FRS only	no	0.5 watt	0.5 watt	no
FRS	467.6625	12	not available	FRS only	no	0.5 watt	0.5 watt	no
FRS	467.6875	13	not available	FRS only	no	0.5 watt	0.5 watt	no
FRS	467.7125	14	not available	FRS only	no	0.5 watt	0.5 watt	no
GMRS	462.5500	15	1	GMRS only	yes	prohibited	50 watts	yes
GMRS	462.5750	16	2	GMRS only	yes	prohibited	50 watts	yes
GMRS	462.6000	17	3	GMRS only	yes	prohibited	50 watts	yes
GMRS	462.6250	18	4	GMRS only	yes	prohibited	50 watts	yes
GMRS	462.6500	19	5	GMRS only	yes	prohibited	50 watts	yes
GMRS	462.6750	20	6	GMRS only	yes	prohibited	50 watts	yes
GMRS	462.7000	21	7	GMRS only	yes	prohibited	50 watts	yes
GMRS	462.7250	22	8	GMRS only	yes	prohibited	50 watts	yes

(a) With most retail transceivers, including almost all those now on store shelves, a GMRS license is required to transmit on these "Shared" channels. Check your transceiver's manual, and see the additional notes below.

If your transceiver was sold exclusively as an "FRS" or "FRS/GMRS" device, AND if its antenna is NOT detachable, AND if it transmits at 0.5 watts or less on the "Shared" channels (see the manual), then it is operating in the Family Radio Service and may be used without a GMRS license on the "Shared" channels.

If your transceiver's antenna is detachable, OR if it transmits with more than 0.5 watts on the "Shared" channels, then it is operating in the General Mobile Radio Service on the "Shared" channels and may be used on those channels only by a GMRS-licensed operator.

Any unmodified transceiver that was legally sold as an "FRS" or "FRS/GMRS" device, AND whose antenna is NOT detachable, will operate in the Family Radio Service on the "FRS" channels and may be used without a GMRS license on those channels.

No transceiver may transmit with more than 0.5 watt on the "FRS" channels, and no transceiver with a detachable antenna may transmit on the "FRS" channels, regardless of whether the operator has a GMRS license.

Operators with GMRS licenses transmitting in the General Mobile Radio Service must comply with applicable regulations, including the requirement to identify their stations with their FCC-assigned call signs "following the transmission of communications or a series of communications; and every 15 minutes during a long transmission" (47 CFR 95.119)