



TP8100 TRUNKED AND CONVENTIONAL PORTABLE RADIOS

Uncompromising build quality and sleek mechanical design make this reliable and waterproof portable radio ideal for situations when only the toughest will do. Available in either trunked or conventional, the TP8100 is sure to suit as a standalone portable or within a wider system solution.

Tough, reliable and waterproof

TAIT: THE RIGHT FIT

- Tough enough to withstand the harshest environments; engineered to exceed IP67 sealing: zero dust ingress and immersible in one metre of water for 30 minutes
- Light and easy to carry: only 344 grams with Li-Ion battery
- Top-mounted, easy-to-find programmable emergency key, along with Man Down and Lone Worker capabilities, improve worker safety
- Up to 350 conventional channels with CTCSS/DCS, Selcall, MDC1200, G-Star (Encode) and voting/scanning
- Trunked MPT features include multiple call types: individual/ group/PABX/interfleet and short data messages, including MPT Talker Identification
- Swipe contacts, battery-only or battery-on-radio charging, desktop fast chargers provide efficient battery management
- Ease of programming enables efficient and rapid customisation
- Security of Audible Indicator control to get minimum volume for alerts such as Man Down and Lone Worker

TP8100

Engineered to be tough

Exceeds MIL-STD 810 C, D, E and F and rated waterproof to IP67, delivering communications you can trust.

High quality manufacture

Two-shot moulded construction lengthens product life and lowers cost of ownership.

Superb mechanical design

Ergonomic design contributes to a positive user experience.

Messaging capabilities

Stay in touch with 16 character user defined messages (TP8120/TP8140) or predefined status messaging on all display models.

Long shift life

Powerful Li-lon battery comes as standard delivering over eleven hours shift life.

Comprehensive accessory suite

Complement your Tait radio with a range of high performance accessories.

Voice Security

Secure your voice communications with software voice inversion as standard.

Worker Safety

Man Down and Lone Worker capabilities offer peace of mind for workers in isolated or hazardous situations.



TELORC ISO 9001 REGISTERED	TELCARC CERTIFIED ENVIRONMENTAL MANAGEMENT SYSTEM	

All measurements use EN 300 086-1 unless stated otherwise.

Tait is your complete supplier of radio communications equipment offering mobile, portable and infrastructure solutions. Tait is renowned for its flexibility, responsiveness and commitment to producing innovative world-class mobile radio communications products.

Specifications are subject to change without notice and shall not form part of any contract. They are issued for guidance purposes only. Please note that not all frequency bands and power outputs are available in all markets.

The word Tait and the Tait logo are trademarks of Tait Electronics Ltd. Tait is an ISO9001: 2000 and ISO 14001: 2004 certified supplier.

AUTHORISED DEALER

TP8100 Specifications

General					
Frequency Range	VHF		UHF		
	136–174MHz 174-225MHz		400–470MHz 450–530MHz		
Frequency Increments	2.5kHz, 5kHz, 6.25		450–530MHZ 5kHz, 6.25kHz		
Channel Spacing	12.5kHz, 20kHz, 25		12.5kHz, 20kHz, 25		
Frequency Stability		+60°C/-22°F to 140°F)	ieloki iz, cukiiz, co	INT IZ	
		του ο/ -εε ⁻ Γιυ 140°FJ			
Signalling Format	07000 (000 0 1	II ND01000 0 01 (5			
Conventional Trunked	MPT 1327, CTCSS	all, MDC1200, G-Star (Enco DCS (Tx oply)	iuej		
Presets	IVIT 1 1327, 01033				
Conventional	TP8110 16 C	Channels			
Contonicial		Channels			
		Channels			
Trunked	TP8135 100	Alphanumeric Presets (10 0	Channel Conventiona	al)	
		Alphanumeric Presets (10 0	Channel Conventiona	al)	
Operational Temperature	-30° to 60°C (-22	° to 140°F)			
ealing	IP67				
Military Standards 810 F*					
pplicable MIL-STD	Method		Procedure		
ow Pressure	500.4		2		
ligh Temperature	501.4		1,2		
.ow Temperature	502.4		1,2		
emperature Shock	503.4		1		
Solar Radiation	505.4		1		
lain	506.4		1, 3		
lumidity	507.4		1		
Salt Fog	509.4		1		
)ust /ibration	510.4 514.5		1		
Abration Shock	514.5		1, 4		
ALSO MEETS EQUIVALENT SUPERSEDED		8 E.	±, 1		
Jser Interface					
Dimensions (WxHxD)	62 y 120 y 10m	(<mark>2.4 x 5.12 x 1.57in)</mark>			
	UC X TOU X 40UUW	(E.T X D.LE X 1.0/111]			
Veight with Li-Ion 2000mAh	344gm (12.13oz)				
nterfaces	Menu driven user	interface			
Incernaces	24 character LCE				
		able function keys - includes	s emergency button		
		(volume & channel selectio			
		cessory connector			
	Large Push-To-Talk button				
	Large rusii-iu-ie	alk button			
	Stainless steel ar				
Transmitter*	Stainless steel ar	ntenna connector			
Transmitter*	Stainless steel ar 136–174MHz	ntenna connector 174–225MHz	400–470MHz	450–530MHz	
RF Output P <mark>ow</mark> er	Stainless steel ar	ntenna connector	400–470MHz 4W, 2.5W, 1W	450–530MHz 4W, 2.5W, 1W	
RF Output Power Addulation Limiting	Stainless steel ar 136–174MHz 5W, 2.5W, 1W	ntenna connector 174–225MHz 5W, 2.5W, 1W	4W, 2.5W, 1W	4W, 2.5W, 1W	
IF Output Power Adulation Limiting 12.5kHz channel	Stainless steel an 136–174MHz 5W, 2.5W, 1W ±2.5kHz	174–225MHz 5W, 2.5W, 1W ±2.5KHz	4W, 2.5W, 1W ±2.5kHz	4W, 2.5W, 1W ±2.5kHz	
IF Output Power Adulation Limiting 12.5KHz channel 20KHz channel	Stainless steel an 136–174MHz 5W, 2.5W, 1W ±2.5kHz ±4.0kHz	174–225MHz 5W, 2.5W, 1W ±2.5kHz ±4.0kHz	4W, 2.5W, 1W ±2.5kHz ±4.0kHz	4W, 2.5W, 1W ±2.5kHz ±4.0kHz	
IF Output Power Modulation Limiting 12.5kHz channel 20kHz channel 25kHz channel	Stainless steel ar 136–174MHz 5W, 2.5W, 1W ±2.5kHz ±4.0kHz ±5.0kHz	174–225MHz 5W, 2.5W, 1W ±2.5KHz	4W, 2.5W, 1W ±2.5kHz	4W, 2.5W, 1W ±2.5kHz	
IF Output Power Modulation Limiting 12.5kHz channel 20kHz channel 25kHz channel	Stainless steel ar 136–174MHz 5W, 2.5W, 1W ±2.5kHz ±4.0kHz ±5.0kHz	174–225MHz 5W, 2.5W, 1W ±2.5kHz ±4.0kHz	4W, 2.5W, 1W ±2.5kHz ±4.0kHz	4W, 2.5W, 1W ±2.5kHz ±4.0kHz	
F Output Power Iodulation Limiting 12.5kHz channel 20kHz channel 25kHz channel M Hum & Noise (TIA-603-C test method)	Stainless steel ar 136–174MHz 5W, 2.5W, 1W ±2.5kHz ±4.0kHz ±5.0kHz	174–225MHz 5W, 2.5W, 1W ±2.5kHz ±4.0kHz ±5.0kHz	4W, 2.5W, 1W ±2.5kHz ±4.0kHz ±5.0kHz	4W, 2.5W, 1W ±2.5kHz ±4.0kHz ±5.0kHz	
IF Output Power Modulation Limiting 12.5KHz channel 20kHz channel 25KHz channel M Hum & Noise (TIA-603-C test method) 12.5KHz channel	Stainless steel ar 136-174MHz 5W, 2.5W, 1W ±2.5kHz ±4.0kHz ±5.0kHz ±0dB	174–225MHz 5W, 2.5W, 1W ±2.5kHz ±4.0kHz ±5.0kHz 42dB	4W, 2.5W, 1W ±2.5kHz ±4.0kHz ±5.0kHz 36dB	4W, 2.5W, 1W ±2.5kHz ±4.0kHz ±5.0kHz 36dB	
AF Output Power Modulation Limiting 12.5kHz channel 20kHz channel 25kHz channel M Hum & Noise (TIA-603-C test method) 12.5kHz channel 20kHz channel 25kHz channel	Stainless steel ar 136–174MHz 5W, 2.5W, 1W ±2.5kHz ±4.0kHz ±5.0kHz 40dB 44dB 46dB -39dBm (<1GHz)	174-225MHz 5W, 2.5W, 1W ±2.5kHz ±4.0kHz ±5.0kHz 42dB 45dB 45dB 47dB 48dBm	4W, 2.5W, 1W ±2.5kHz ±4.0kHz ±5.0kHz 36dB 41dB 42dB -40.6dBm	4W, 2.5W, 1W ±2.5kHz ±4.0kHz ±5.0kHz 36dB 41dB 42dB -39dBm	
AF Output Power Modulation Limiting 12.5kHz channel 20kHz channel 25kHz channel 12.5kHz channel 20kHz channel 25kHz channel 25kHz channel 25kHz channel 25kHz channel	Stainless steel ar 136–174MHz 5W, 2.5W, 1W ±2.5kHz ±4.0kHz ±5.0kHz 40dB 44dB 46dB -39dBm (<1GHz) -46dBm (>1GHz)	174-225MHz 5W, 2.5W, 1W ±2.5kHz ±4.0kHz ±5.0kHz 42dB 45dB 45dB 47dB 46dBm 40dBm	4W, 2.5W, 1W ±2.5kHz ±4.0kHz ±5.0kHz 36dB 41dB 42dB -40.6dBm -40.0dBm	4W, 2.5W, 1W ±2.5kHz ±4.0kHz ±5.0kHz 36dB 41dB 42dB	
AF Output Power Modulation Limiting 12.5kHz channel 20kHz channel 25kHz channel 25kHz channel 20kHz channel 20kHz channel 25kHz channel 20kHz channel 20kHz channel 20kHz channel	Stainless steel ar 136–174MHz 5W, 2.5W, 1W ±2.5kHz ±4.0kHz ±5.0kHz 40dB 44dB 46dB -39dBm (<1GHz)	174-225MHz 5W, 2.5W, 1W ±2.5kHz ±4.0kHz ±5.0kHz 42dB 45dB 45dB 47dB 48dBm	4W, 2.5W, 1W ±2.5kHz ±4.0kHz ±5.0kHz 36dB 41dB 42dB -40.6dBm	4W, 2.5W, 1W ±2.5kHz ±4.0kHz ±5.0kHz 36dB 41dB 42dB -39dBm	
AF Output Power Modulation Limiting 12.5kHz channel 25kHz channel 25kHz channel 12.5kHz channel 20kHz channel 20kHz channel 25kHz channel 25kHz channel conducted Emissions wudio Response wudio Distortion at 1kHz with	Stainless steel ar 136–174MHz 5W, 2.5W, 1W ±2.5kHz ±4.0kHz ±5.0kHz 40dB 44dB 44dB 46dB -39dBm (<1GHz) -46dBm (>1GHz) +0.5, -2.5dB	174-225MHz 5W, 2.5W, 1W ±2.5kHz ±4.0kHz ±5.0kHz 42dB 45dB 45dB 45dB 47dB 46dBm 40dBm +0.5, -2.5dB	4W, 2.5W, 1W ±2.5kHz ±4.0kHz ±5.0kHz 36dB 41dB 42dB -40.6dBm -40.0dBm +0.5, -2.5dB	4W, 2.5W, 1W ±2.5kHz ±4.0kHz ±5.0kHz 36dB 41dB 42dB -39dBm -40.0dBm	
IF Output Power Adulation Limiting 12.5kHz channel 20kHz channel 25kHz channel 25kHz channel 20kHz channel 20kHz channel 25kHz channel 25kHz channel onducted Emissions udio Response udio Distortion at 1kHz with 60% modulation	Stainless steel ar 136–174MHz 5W, 2.5W, 1W ±2.5kHz ±4.0kHz ±5.0kHz 40dB 44dB 44dB -39dBm (<1GHz) -46dBm (>1GHz) ±0.5, -2.5dB 0.3%	174-225MHz 5W, 2.5W, 1W ±2.5kHz ±4.0kHz ±5.0kHz 42dB 45dB 47dB 48dBm 40dBm +0.5, -2.5dB 0.3%	4W, 2.5W, 1W ±2.5kHz ±4.0kHz ±5.0kHz 36dB 41dB 42dB -40.6dBm -40.0dBm	4W, 2.5W, 1W ±2.5kHz ±4.0kHz ±5.0kHz 36dB 41dB 42dB -39dBm	
IF Output Power Modulation Limiting 12.5kHz channel 20kHz channel 25kHz channel Hum 8 Noise (TIA-603-C test method) 12.5kHz channel 20kHz channel 25kHz channel 25kHz channel conducted Emissions udio Response udio Distortion at 1kHz with 60% modulation buty Cycle	Stainless steel ar 136–174MHz 5W, 2.5W, 1W ±2.5kHz ±4.0kHz ±5.0kHz 40dB 44dB 44dB 46dB -39dBm (<1GHz) -46dBm (>1GHz) +0.5, -2.5dB	174-225MHz 5W, 2.5W, 1W ±2.5kHz ±4.0kHz ±5.0kHz 42dB 45dB 47dB 48dBm 40dBm +0.5, -2.5dB 0.3%	4W, 2.5W, 1W ±2.5kHz ±4.0kHz ±5.0kHz 36dB 41dB 42dB -40.6dBm -40.0dBm +0.5, -2.5dB	4W, 2.5W, 1W ±2.5kHz ±4.0kHz ±5.0kHz 36dB 41dB 42dB -39dBm -40.0dBm	
F Output Power Modulation Limiting 12.5kHz channel 20kHz channel 25kHz channel 12.5kHz channel 20kHz channel 20kHz channel 20kHz channel onducted Emissions udio Response udio Distortion at 1kHz with 60% modulation uty Cycle	Stainless steel ar 136–174MHz 5W, 2.5W, 1W ±2.5kHz ±4.0kHz ±5.0kHz 40dB 44dB 46dB -39dBm (<1GHz) +0.5, -2.5dB 0.3% 1min Tx, 4min Bx (174-225MHz 5W, 2.5W, 1W ±2.5kHz ±4.0kHz ±5.0kHz 42dB 45dB 45dB 46dBm 40dBm 40dBm 0.3% 20%)	4W, 2.5W, 1W ±2.5kHz ±4.0kHz ±5.0kHz 36dB 41dB 42dB -00.6dBm +0.0dBm +0.5, -2.5dB 0.5%	4W, 2.5W, 1W ±2.5kHz ±4.0kHz ±5.0kHz 36dB 41dB 42dB -39dBm -40.0dBm 0.5%	
IF Output Power Modulation Limiting 12.5kHz channel 20kHz channel 25kHz channel 25kHz channel 20kHz channel 20kHz channel 20kHz channel 20kHz channel 20kHz channel 0nducted Emissions udio Response udio Distortion at 1kHz with 60% modulation buty Cycle Receiver*	Stainless steel ar 136–174MHz 5W, 2.5W, 1W ±2.5kHz ±4.0kHz ±5.0kHz 40dB 44dB 44dB -39dBm (<1GHz) -46dBm (>1GHz) ±0.5, -2.5dB 0.3%	174-225MHz 5W, 2.5W, 1W ±2.5kHz ±4.0kHz ±5.0kHz 42dB 45dB 47dB 48dBm 40dBm +0.5, -2.5dB 0.3%	4W, 2.5W, 1W ±2.5kHz ±4.0kHz ±5.0kHz 36dB 41dB 42dB -40.6dBm -40.0dBm +0.5, -2.5dB	4W, 2.5W, 1W ±2.5kHz ±4.0kHz ±5.0kHz 36dB 41dB 42dB -39dBm -40.0dBm	
IF Output Power Modulation Limiting 12.5kHz channel 20kHz channel 25kHz channel 25kHz channel 20kHz channel 20kHz channel 20kHz channel 25kHz channel 25kHz channel 00ducted Emissions udio Response udio Distortion at 1kHz with 60% modulation buty Cycle Receiver*	Stainless steel ar 136–174MHz 5W, 2.5W, 1W ±2.5kHz ±4.0kHz ±5.0kHz 40dB 44dB 46dB -39dBm (<1GHz) +0.5, -2.5dB 0.3% 1min Tx, 4min Bx (136–174MHz	174-225MHz 5W, 2.5W, 1W ±2.5kHz ±4.0kHz ±5.0kHz 42dB 45dB 47dB 46dBm 0.3% 20%) 174-225MHz	4W, 2.5W, 1W ±2.5kHz ±4.0kHz ±4.0kHz ±5.0kHz 36dB 41dB 42dB -40.6dBm -40.0dBm +0.5, -2.5dB 0.5% 400–470MHz	4W, 2.5W, 1W ±2.5kHz ±4.0kHz ±5.0kHz 36dB 41dB 42dB -39dBm -40.0dBm 0.5% 450–530MHz	
IF Output Power Modulation Limiting 12.5kHz channel 20kHz channel 25kHz channel 25kHz channel 20kHz channel 20kHz channel 20kHz channel 20kHz channel 20kHz channel 0nducted Emissions udio Response udio Distortion at 1kHz with 60% modulation buty Cycle Receiver*	Stainless steel ar 136–174MHz 5W, 2.5W, 1W ±2.5kHz ±4.0kHz ±5.0kHz 40dB 44dB -39dBm (<1GHz) -46dBm (>1GHz) +0.5, -2.5dB 0.3% 1min Tx, 4min Rx (136–174MHz -113.5dBm	174-225MHz 5W, 2.5W, 1W ±2.5kHz ±4.0kHz ±5.0kHz 42dB 45dB 47dB 46dBm 40dBm +0.5, -2.5dB 0.3% 20%) 174-225MHz -115.2dBm	4W, 2.5W, 1W ±2.5kHz ±4.0kHz ±5.0kHz 36dB 41dB 42dB -40.6dBm -40.6dBm +0.5, -2.5dB 0.5% 400-470MHz -115.5dBm	4W, 2.5W, 1W ±2.5kHz ±4.0kHz ±5.0kHz 36dB 41dB 42dB -39dBm -40.0dBm 0.5% 450–530MHz -115.3dBm	
F Output Power Modulation Limiting 12.5kHz channel 20kHz channel 25kHz channel 12.5kHz channel 25kHz channel 20kHz channel	Stainless steel ar 136–174MHz 5W, 2.5W, 1W ±2.5kHz ±4.0kHz ±5.0kHz 40dB 44dB 46dB -39dBm (<1GHz) -46dBm (>1GHz) +0.5, -2.5dB 0.3% 1min Tx, 4min Bx { 136–174MHz -113.5dBm -117.0dBm	174-225MHz 5W, 2.5W, 1W ±2.5kHz ±4.0kHz ±5.0kHz 42dB 45dB 47dB 46dBm 0.3% 20%) 174-225MHz	4W, 2.5W, 1W ±2.5kHz ±4.0kHz ±4.0kHz ±5.0kHz 36dB 41dB 42dB -40.6dBm -40.0dBm +0.5, -2.5dB 0.5% 400–470MHz	4W, 2.5W, 1W ±2.5kH2 ±4.0kH2 ±5.0kHz 36dB 41dB 42dB -39dBm -40.0dBm 0.5% 450-530MHz -115.3dBm -118.0dBm	
IF Output Power Modulation Limiting 12.5kHz channel 20kHz channel 25kHz channel 25kHz channel 20kHz channel 20kHz channel 20kHz channel 25kHz channel 25kHz channel 60% modulation buty Cycle Receiver* ensitivity 20dB (Phospho) NB Channel WB Channel WB Channel	Stainless steel ar 136–174MHz 5W, 2.5W, 1W ±2.5kHz ±4.0kHz ±5.0kHz 40dB 44dB -39dBm (<1GHz) -46dBm (>1GHz) +0.5, -2.5dB 0.3% 1min Tx, 4min Rx (136–174MHz -113.5dBm	174-225MHz 5W, 2.5W, 1W ±2.5kHz ±4.0kHz ±5.0kHz ±6.0kHz ±6.0kHz ±6.0kHz ±6.0kHz ±6.0kHz ±6.0kHz 42dB 45dB 45dB 45dB 46dBm 40dBm 40dBm 40dBm 40dBm 105, -2.5dB 0.3% 20%) 174-225MHz -115.2dBm -116.6dBm	4W, 2.5W, 1W ±2.5kHz ±4.0kHz ±5.0kHz 36dB 41dB 42dB -40.6dBm +0.5, -2.5dB 0.5% 400-470MHz -115.5dBm -117.8dBm	4W, 2.5W, 1W ±2.5kHz ±4.0kHz ±5.0kHz 36dB 41dB 42dB -39dBm -40.0dBm 0.5% 450–530MHz -115.3dBm	
IF Output Power Modulation Limiting 12.5kHz channel 20kHz channel 25kHz channel 25kHz channel 20kHz channel 20kHz channel 20kHz channel 25kHz channel 25kHz channel 60% modulation buty Cycle Receiver* ensitivity 20dB (Phospho) NB Channel WB Channel WB Channel	Stainless steel ar 136–174MHz 5W, 2.5W, 1W ±2.5kHz ±4.0kHz ±5.0kHz 40dB 44dB 46dB -39dBm (<1GHz) -46dBm (>1GHz) +0.5, -2.5dB 0.3% 1min Tx, 4min Bx { 136–174MHz -113.5dBm -117.0dBm	174-225MHz 5W, 2.5W, 1W ±2.5kHz ±4.0kHz ±5.0kHz ±6.0kHz ±6.0kHz ±6.0kHz ±6.0kHz ±6.0kHz ±6.0kHz 42dB 45dB 45dB 45dB 46dBm 40dBm 40dBm 40dBm 40dBm 105, -2.5dB 0.3% 20%) 174-225MHz -115.2dBm -116.6dBm	4W, 2.5W, 1W ±2.5kHz ±4.0kHz ±5.0kHz 36dB 41dB 42dB -40.6dBm +0.5, -2.5dB 0.5% 400-470MHz -115.5dBm -117.8dBm	4W, 2.5W, 1W ±2.5kHz ±4.0kHz ±5.0kHz 36dB 41dB 42dB -39dBm -40.0dBm 0.5% 450-530MHz -115.3dBm -118.0dBm	
F Output Power fodulation Limiting 12.5kHz channel 20kHz channel 25kHz channel 25kHz channel 20kHz channel 20kHz channel 25kHz channel 25kHz channel 0nducted Emissions udio Response udio Distortion at 1kHz with 60% modulation uty Cycle Teceiver* ensitivity 20dB (Phospho) NB Channel MB Channel WB Channel NB Channel MB Channel MB Channel MB Channel MB Channel MB Channel	Stainless steel ar 136–174MHz 5W, 2.5W, 1W ±2.5kHz ±4.0kHz ±5.0kHz 40dB 44dB 46dB -39dBm (<1GHz) -46dBm (>1GHz) -0.5, -2.5dB 0.3% 136–174MHz -113.5dBm -117.0dBm -117.0dBm 67.6dB 68.6dB	174-225MHz 5W, 2.5W, 1W ±2.5kHz ±4.0kHz ±5.0kHz 42dB 45dB 47dB 46dBm 0.3% 20%) 174-225MHz -115.2dBm -118.4dBm	4W, 2.5W, 1W ±2.5kHz ±4.0kHz ±5.0kHz 36dB 41dB 42dB -40.6dBm -40.0dBm +0.5, -2.5dB 0.5% 400-470MHz -115.5dBm -117.8dBm -118.4dBm	4W, 2.5W, 1W ±2.5kHz ±4.0kHz ±5.0kHz 36dB 41dB 42dB -39dBm -40.0dBm 0.5% 450-530MHz -115.3dBm -118.0dBm -118.4dBm	
F Output Power fodulation Limiting 12.5kHz channel 20kHz channel 25kHz channel 25kHz channel 20kHz channel 20kHz channel 20kHz channel 25kHz channel 0nducted Emissions udio Response udio Distortion at 1kHz with 60% modulation uty Cycle leceiver ensitivity 20dB (Phospho) NB Channel MB Channel WB Channel MB Channel	Stainless steel ar 136–174MHz 5W, 2.5W, 1W ±2.5kHz ±4.0kHz ±5.0kHz 40dB 44dB -39dBm (<1GHz) -46dBm (>1GHz) +0.5, -2.5dB 0.3% 136–174MHz -113.5dBm -117.0dBm -117.0dBm -117.0dBm	174-225MHz 5W, 2.5W, 1W ±2.5kHz ±4.0kHz ±5.0kHz 42dB 45dB 47dB 46dBm 40dBm 0.3% (20%) 174-225MHz -115.2dBm -116.6dBm -118.4dBm 674dB	4W, 2.5W, 1W ±2.5kHz ±4.0kHz ±5.0kHz 36dB 41dB 42dB -40.6dBm +0.5, -2.5dB 0.5% 400-470MHz -115.5dBm -117.8dBm -118.4dBm 67.4dB	4W, 2.5W, 1W ±2.5kHz ±4.0kHz ±5.0kHz 36dB 41dB 42dB -39dBm -40.0dBm 0.5% 450-530MHz -115.3dBm -118.0dBm -118.0dBm -118.4dBm	
F Output Power Idoulation Limiting 12.5kHz channel 20kHz channel 25kHz channel 12.5kHz channel 25kHz channel 20kHz channel chann	Stainless steel ar 136–174MHz 5W, 2.5W, 1W ±2.5kHz ±4.0kHz ±5.0kHz 40dB 44dB -39dBm (<1GHz) -46dBm (>1GHz) -46dBm (>1GHz) -0.5, -2.5dB 0.3% 136–174MHz -113.5dBm -117.0dBm	174-225MHz 5W, 2.5W, 1W ±2.5kHz ±4.0kHz ±5.0kHz 42dB 45dB 47dB 46dBm 0.3% 20%) 174-225MHz -115.2dBm -118.4dBm 67.4dB 67.9dB 68.1dB	4W, 2.5W, 1W ±2.5kHz ±4.0kHz ±4.0kHz ±5.0kHz 41dB 42dB -40.6dBm -40.0dBm -0.5, -2.5dB 0.5% 400-470MHz -115.5dBm -118.4dBm -118.4dBm 67.4dB 67.9dB 68.1dB	4W, 2.5W, 1W ±2.5kHz ±4.0kHz ±5.0kHz 36dB 41dB 42dB -39dBm -40.0dBm 0.5% 450-530MHz -115.3dBm -118.0dBm -118.4dBm 67.4dB 68.3dB 68.4dB	
F Output Power Iodulation Limiting 12.5kHz channel 20kHz channel 25kHz channel 25kHz channel 20kHz channel 20kHz channel 20kHz channel 20kHz channel 20kHz channel 0nducted Emissions udio Response udio Distortion at 1kHz with 60% modulation uty Cycle Ieceiver* ensitivity 20dB (Phospho) NB Channel MB Channel WB Channel Sector Channel Selectivity 12.5kHz channel	Stainless steel ar 136–174MHz 5W, 2.5W, 1W ±2.5kHz ±4.0kHz ±5.0kHz 40dB 44dB -39dBm (<1GHz) -46dBm (>1GHz) -46dBm (>1GHz) -46dBm (>1GHz) -0.5, -2.5dB 0.3% 136–174MHz -113.5dBm -117.0dBm -117.0dBm -117.0dBm 67.6dB 68.6dB 68.7dB 67.4dB	174-225MHz 5W, 2.5W, 1W ±2.5kHz ±4.0kHz ±5.0kHz 42dB 45dB 47dB 46dBm 40dBm +0.5, -2.5dB 0.3% 20%) 174-225MHz -115.2dBm -116.6dBm -118.4dBm 67.4dB 67.9dB 681dB 677dB	4W, 2.5W, 1W ±2.5kHz ±4.0kHz ±5.0kHz 36dB 41dB 42dB -0.6dBm +0.0dBm +0.0dBm +0.0dBm -10.0dBm -10.0dBm -115.5dBm -115.5dBm -117.8dBm -118.4dBm 67.4dB 67.9dB 68.1dB 67.7dB	4W, 2.5W, 1W ±2.5kHz ±4.0kHz ±5.0kHz 36dB 41dB 42dB -39dBm -40.0dBm 0.5% 450-530MHz -115.3dBm -118.0dBm -118.0dBm -118.4dB 68.3dB 68.4dB 65.4dB	
F Output Power lodulation Limiting 12.5kHz channel 20kHz channel 25kHz channel 12.5kHz channel 20kHz channel 20kHz channel 20kHz channel 25kHz channel 25kHz channel 0nducted Emissions udio Response udio Distortion at 1kHz with 60% modulation uty Cycle eceiver* ensitivity 20dB (Phospho) NB Channel MB Channel MB Channel WB Channel MB Channel 20kHz channel 20kHz channel	Stainless steel ar 136–174MHz 5W, 2.5W, 1W ±2.5kHz ±4.0kHz ±5.0kHz 40dB 44dB 44dB 46dB -39dBm (<1GHz) -46dBm (>1GHz) +0.5, -2.5dB 0.3% 1min Tx, 4min Bx (136–174MHz -113.5dBm -117.0dBm -117.0dBm 67.6dB 68.6dB 68.7dB 67.4dB 72.9dB	IT4-225MHz 5W, 2.5W, 1W ±2.5kHz ±4.0kHz ±5.0kHz 42dB 45dB 47dB 46dBm 40dBm 0.3% 20%) 174-225MHz -115.2dBm -116.6dBm -118.4dBm 67.4dB 67.9dB 67.7dB 73.8dB	4W, 2.5W, 1W ±2.5kHz ±4.0kHz ±5.0kHz 36dB 41dB 42dB -40.6dBm -40.0dBm +0.5, -2.5dB 0.5% 400-470MHz -115.5dBm -115.5dBm -117.8dBm -118.4dBm 67.4dB 67.4dB 67.7dB 73.8dB	4W, 2.5W, 1W ±2.5kH2 ±4.0kH2 ±5.0kH2 36dB 41dB 42dB -39dBm -40.0dBm -0.5% 450-530MHz -115.3dBm -118.0dBm -118.0dBm -118.0dBm -118.4dBm 67.4dB 68.3dB 68.4dB 65.4dB 72.2dB	
F Output Power fodulation Limiting 12.5kHz channel 20kHz channel 25kHz channel 25kHz channel 25kHz channel 25kHz channel 25kHz channel 25kHz channel 25kHz channel 00ducted Emissions udio Response udio Distortion at 1kHz with 60% modulation 1ty Cycle feceiver* ensitivity 20dB (Phospho) NB Channel MB Channel 20kHz channel 20kHz channel 20kHz channel 20kHz channel 20kHz channel	Stainless steel ar 136–174MHz 5W, 2.5W, 1W ±2.5kHz ±4.0kHz ±5.0kHz 40dB 44dB -39dBm (<1GHz) -46dBm (>1GHz) -46dBm (>1GHz) -46dBm (>1GHz) -0.5, -2.5dB 0.3% 136–174MHz -113.5dBm -117.0dBm -117.0dBm -117.0dBm 67.6dB 68.6dB 68.7dB 67.4dB	174-225MHz 5W, 2.5W, 1W ±2.5kHz ±4.0kHz ±5.0kHz 42dB 45dB 47dB 46dBm 40dBm +0.5, -2.5dB 0.3% 20%) 174-225MHz -115.2dBm -116.6dBm -118.4dBm 67.4dB 67.9dB 681dB 677dB	4W, 2.5W, 1W ±2.5kHz ±4.0kHz ±5.0kHz 36dB 41dB 42dB -0.6dBm +0.0dBm +0.0dBm +0.0dBm -10.0dBm -10.0dBm -115.5dBm -115.5dBm -117.8dBm -118.4dBm 67.4dB 67.9dB 68.1dB 67.7dB	4W, 2.5W, 1W ±2.5kHz ±4.0kHz ±5.0kHz 36dB 41dB 42dB -39dBm -40.0dBm 0.5% 450-530MHz -115.3dBm -118.0dBm -118.0dBm -118.4dB 68.3dB 68.4dB 65.4dB	
F Output Power fodulation Limiting 12.5kHz channel 20kHz channel 25kHz channel 12.5kHz channel 26kHz channel 20kHz channel 20kHz channel 20kHz channel 20kHz channel 25kHz channel 0nducted Emissions udio Response udio Distortion at 1kHz with 60% modulation uty Cycle leceiver* ensitivity 20dB (Phospho) NB Channel MB Channel 20kHz channel 20kHz channel 20kHz channel 20kHz channel	Stainless steel ar 136–174MHz 5W, 2.5W, 1W ±2.5kHz ±4.0kHz ±5.0kHz 40dB 44dB -39dBm (<1GHz) -46dBm (>1GHz) -46dBm (>1GHz) -46dBm (>1GHz) -40.5, -2.5dB 0.3% 136–174MHz -113.5dBm -117.0dBm -117.0dBm -117.0dBm 67.6dB 68.6dB 68.6dB 68.7dB 67.4dB 72.9dB 72.9dB 73.405 73.405 74.405 74.405 74.405 74.405 75.405	174-225MHz 5W, 2.5W, 1W ±2.5kHz ±4.0kHz ±5.0kHz 42dB 45dB 47dB 46dBm 40dBm +0.5, -2.5dB 0.3% 20%) 174-225MHz -115.2dBm -116.6dBm -118.4dBm 67.4dB 67.9dB 68.1dB 67.7dB 73.8dB 76.1dB	4W, 2.5W, 1W ±2.5kHz ±4.0kHz ±4.0kHz ±5.0kHz 41dB 42dB -40.6dBm -40.0dBm -0.5, -2.5dB 0.5% 400-470MHz -115.5dBm -117.8dBm -118.4dBm 67.4dB 67.4dB 68.1dB 67.7dB 73.8dB 73.8dB 73.8dB	4W, 2.5W, 1W ±2.5kHz ±4.0kHz ±5.0kHz 36dB 41dB 42dB -39dBm -40.0dBm 0.5% 450-530MHz -115.3dBm -118.0dBm -118.0dBm -118.0dBm -118.4dBm 68.3dB 68.3dB 68.4dB 65.4dB 72.2dB 75.1dB	
F Output Power lodulation Limiting 12.5kHz channel 20kHz channel 25kHz channel 25kHz channel 25kHz channel 20kHz channel 20kHz channel 25kHz channel 25kHz channel 0nducted Emissions udio Response udio Distortion at 1kHz with 60% modulation uty Cycle leceiver ensitivity 20dB (Phospho) NB Channel MB Channel 20kHz channel 20kHz channel 20kHz channel 20kHz channel	Stainless steel ar 136–174MHz 5W, 2.5W, 1W ±2.5kHz ±4.0kHz ±5.0kHz 40dB 44dB 46dB -39dBm (<1GHz) -46dBm (>1GHz) -46dBm (>1GHz) -46dBm (>1GHz) -105, -2.5dB 0.3% 136–174MHz -113,5dBm -117,0dBm -117,0dBm 67,6dB 68,6dB 68,7dB 67,4dB 72,9dB 71,9dB	174-225MHz 5W, 2.5W, 1W ±2.5kHz ±4.0kHz ±5.0kHz 42dB 45dB 47dB 40dBm 40dBm 0.3% 20%) 174-225MHz -115.2dBm -115.2dBm -116.6dBm -118.4dBm 67.4dB 67.9dB 68.1dB 67.4dB 67.9dB 67.4dB 67.9dB 73.8dB 76.1dB 71.8dB	4W, 2.5W, 1W ±2.5kHz ±4.0kHz ±5.0kHz 36dB 41dB 42dB -40.6dBm -40.0dBm +0.5, -2.5dB 0.5% 400-470MHz -115.5dBm -115.5dBm -117.8dBm 67.4dB 67.9dB 68.1dB 67.7dB 73.8dB 73.8dB 71.8dB	4W, 2.5W, 1W ±2.5kH2 ±4.0kH2 ±5.0kH2 36dB 41dB 42dB -39dBm -40.0dBm 0.5% 450-530MHz -115.3dBm -118.0dBm -118.0dBm -118.4dBm 67.4dB 68.3dB 68.4dB 65.4dB 72.2dB 75.1dB	
F Output Power Iodulation Limiting 12.5kHz channel 20kHz channel 20kHz channel 25kHz channel 20kHz channel 20kHz channel 20kHz channel 20kHz channel 25kHz channel 0nducted Emissions udio Response udio Distortion at 1kHz with 60% modulation uty Cycle Icceiver* ensitivity 20dB (Phospho) NB Channel MB Channel 25kHz channel 20kHz channel 25kHz channel 20kHz channel 25kHz channel 25kHz channel 25kHz channel 25kHz channel 25kHz channel WB Channel WB Channel WB Channel 20kHz channel 20kHz channel WB Channel WB Channel WB Channel WB Channel WB Channel WB Channel WB Channel WB Channel WB Channel	Stainless steel ar 136–174MHz 5W, 2.5W, 1W ±2.5kHz ±4.0kHz ±5.0kHz 40dB 44dB -39dBm (<1GHz) -46dBm (>1GHz) +0.5, -2.5dB 0.3% 1min Tx, 4min Bx { 136–174MHz -113.5dBm -117.0dBm -117.0dBm -117.0dBm 67.6dB 68.6dB 68.7dB 67.4dB 72.9dB 76.4dB 71.9dB 75.9dB	174-225MHz 5W, 2.5W, 1W ±2.5kHz ±4.0kHz ±5.0kHz 42dB 45dB 47dB 46dBm 40dBm +0.5, -2.5dB 0.3% 20%) 174-225MHz -115.2dBm -116.6dBm -118.4dBm 67.4dB 67.9dB 68.1dB 67.7dB 73.8dB 76.1dB	4W, 2.5W, 1W ±2.5kHz ±4.0kHz ±4.0kHz ±5.0kHz 41dB 42dB -40.6dBm -40.0dBm -0.5, -2.5dB 0.5% 400-470MHz -115.5dBm -117.8dBm -118.4dBm 67.4dB 67.4dB 68.1dB 67.7dB 73.8dB 73.8dB 73.8dB	4W, 2.5W, 1W ±2.5kHz ±4.0kHz ±5.0kHz 36dB 41dB 42dB -39dBm -40.0dBm 0.5% 450-530MHz -115.3dBm -118.0dBm -118.0dBm -118.0dBm -118.4dBm 68.3dB 68.3dB 68.4dB 65.4dB 72.2dB 75.1dB	
F Output Power fodulation Limiting 12.5kHz channel 20kHz channel 20kHz channel 25kHz channel 20kHz channel 20kHz channel 20kHz channel 20kHz channel 20kHz channel 0nducted Emissions udio Response udio Distortion at 1kHz with 60% modulation 1kHz with 60% modulation 1kU Cycle Teceiver* ensitivity 20dB (Phospho) NB Channel MB Channel MB Channel MB Channel MB Channel MB Channel MB Channel MB Channel MB Channel 25kHz channel 20kHz channel 20kHz channel 20kHz channel 20kHz channel 20kHz channel 20kHz channel WB Channel WB Channel 20kHz channel 20kHz channel WB Channel WB Channel 20kHz channel 20kHz channel 20kHz channel 20kHz channel WB Channel WB Channel WB Channel WB Channel WB Channel WB Channel	Stainless steel ar 136–174MHz 5W, 2.5W, 1W ±2.5kHz ±4.0kHz ±5.0kHz 40dB 44dB -39dBm (<1GHz) -46dBm (>1GHz) +0.5, -2.5dB 0.3% 1min Tx, 4min Bx { 136–174MHz -113.5dBm -117.0dBm -117.0dBm -117.0dBm 67.6dB 68.6dB 68.7dB 67.4dB 72.9dB 76.4dB 71.9dB 75.9dB	the second	4W, 2.5W, 1W ±2.5kHz ±4.0kHz ±4.0kHz ±5.0kHz 41dB 42dB -40.6dBm -40.0dBm -0.5, -2.5dB 0.5% 400-470MHz -115.5dBm -115.5dBm -117.8dBm -118.4dBm 67.4dB 67.9dB 68.1dB 67.7dB 73.8dB 76.1dB 71.8dB 72.7dB	4W, 2.5W, 1W ±2.5kH2 ±4.0kH2 ±5.0kH2 36dB 41dB 42dB -39dBm -40.0dBm 0.5% 450-530MHz -115.3dBm -118.0dBm -118.0dBm -118.4dBm 67.4dB 68.3dB 68.4dB 65.4dB 72.2dB 75.1dB	
F Output Power fodulation Limiting 12.5kHz channel 20kHz channel 25kHz channel 12.5kHz channel 25kHz channel 26kHz channel 26kHz channel 26kHz channel 26kHz channel 00ducted Emissions udio Response udio Distortion at 1kHz with 60% modulation 10ty Cycle feceiver ensitivity 20dB (Phospho) NB Channel MB Channel 20kHz channel 20kHz channel 25kHz channel	Stainless steel an 136–174MHz 5W, 2.5W, 1W ±2.5kHz ±4.0kHz ±5.0kHz 40dB 44dB -39dBm (<1GHz) -46dBm (>1GHz) -46dBm (>1GHz) -40, -2.5dB 0.3% 1min Tx, 4min Rx(136–174MHz -117.0dBm -117.0dBm -117.0dBm 67.6dB 68.6dB 68.7dB 67.4dB 72.9dB 76.4dB 71.9dB 75.9dB	174-225MHz 5W, 2.5W, 1W ±2.5kHz ±4.0kHz ±5.0kHz 42dB 45dB 47dB 40dBm 40dBm 0.3% 20%) 174-225MHz -115.2dBm -115.2dBm -116.6dBm -118.4dBm 67.4dB 67.9dB 68.1dB 67.4dB 67.9dB 67.4dB 67.9dB 73.8dB 76.1dB 71.8dB	4W, 2.5W, 1W ±2.5kHz ±4.0kHz ±5.0kHz 36dB 41dB 42dB -40.6dBm -40.0dBm +0.5, -2.5dB 0.5% 400-470MHz -115.5dBm -115.5dBm -117.8dBm 67.4dB 67.9dB 68.1dB 67.7dB 73.8dB 73.8dB 71.8dB	4W, 2.5W, 1W ±2.5kHz ±4.0kHz ±5.0kHz 36dB 41dB 42dB -39dBm -40.0dBm -10.5% 450-530MHz -115.3dBm -118.0dBm -118.0dBm -118.0dBm -118.4dBm 67.4dB 68.3dB 68.4dB 65.4dB 72.2dB 75.1dB 71.4dB 72.5dB	
F Output Power Iodulation Limiting 12.5kHz channel 20kHz channel 20kHz channel 25kHz channel 20kHz channel 20kHz channel 20kHz channel 20kHz channel 20kHz channel 20kHz channel 0nducted Emissions udio Response udio Distortion at 1kHz with 60% modulation uty Cycle leceiver* ensitivity 20dB (Phospho) NB Channel MB Channel 25kHz channel 20kHz channel 20kHz channel WB Channel	Stainless steel ar 136–174MHz 5W, 2.5W, 1W ±2.5kHz ±4.0kHz ±5.0kHz 40dB 44dB -39dBm (<1GHz) -46dBm (>1GHz) -46dBm (>1GHz) -46dBm (>1GHz) -40.5, -2.5dB 0.3% 136–174MHz -113.5dBm -117.0dBm -117.0dBm -117.0dBm 67.6dB 68.6dB 68.6dB 68.7dB 67.4dB 72.9dB 76.4dB 71.9dB 71.9dB 71.9dB 71.9dB 71.9dB 71.9dB 71.9dB	174-225MHz 5W, 2.5W, 1W ±2.5kHz ±4.0kHz ±5.0kHz ±4.0kHz ±5.0kHz 42dB 45dB 47dB 46dBm 40dBm 0.3% 20%) 174-225MHz -115.2dBm -116.6dBm -118.4dBm 67.4dB 67.9dB 68.1dB 73.8dB 72.7dB 71.8dB 72.7dB 37dB	4W, 2.5W, 1W ±2.5kHz ±4.0kHz ±5.0kHz 36dB 41dB 42dB -40.6dBm -40.0dBm +0.5, -2.5dB 0.5% 400-470MHz -115.5dBm -115.5dBm -117.8dBm -118.4dBm 67.4dB 67.9dB 68.1dB 67.7dB 73.8dB 71.8dB 71.8dB 71.8dB 71.8dB 71.8dB 72.7dB	4W, 2.5W, 1W ±2.5kH2 ±4.0kH2 ±5.0kH2 36dB 41dB 42dB -39dBm -39dBm -39dBm -39dBm -115.3dBm -115.3dBm -118.0dBm -118.0dBm -118.4dBm 68.3dB 68.4dB 68.4dB 65.4dB 72.2dB 75.1dB 71.4dB 72.5dB 36dB	
F Output Power Iodulation Limiting 12.5kHz channel 20kHz channel 20kHz channel 20kHz channel 20kHz channel 20kHz channel 20kHz channel 20kHz channel 0nducted Emissions udio Distortion at 1kHz with 60% modulation uty Cycle Ieceiver* ensitivity 20dB (Phospho) NB Channel MB Channel 20kHz channel 20kHz channel 20kHz channel 20kHz channel 20kHz channel 20kHz channel MB Channel WB Channel MB Channel MB Channel MB Channel MB Channel 20kHz channel	Stainless steel an 136–174MHz 5W, 2.5W, 1W ±2.5kHz ±4.0kHz ±5.0kHz 40dB 44dB 46dB -39dBm (<1GHz) -46dBm (>1GHz) -46dBm (>1GHz) -46dBm (>1GHz) -105, -2.5dB 0.3% 136–174MHz -113,5dBm -117,0dBm -117,0dBm 67,6dB 68,6dB 68,7dB 67,4dB 72,9dB 75,9dB 40dB 44dB	174-225MHz 5W, 2.5W, 1W ±2.5kHz ±4.0kHz ±5.0kHz 42dB 45dB 47dB 40dBm 40dBm 0.3% 20%) 174-225MHz -115.2dBm -115.2dBm -116.6dBm -118.4dBm 67.4dB 67.9dB 68.1dB 73.8dB 76.1dB 71.8dB 72.7dB 37dB 41dB	4W, 2.5W, 1W ±2.5kHz ±4.0kHz ±5.0kHz 36dB 41dB 42dB -40.6dBm -40.0dBm +0.5, -2.5dB 0.5% 400-470MHz -115.5dBm -117.8dBm -117.8dBm -118.4dBm 67.4dB 67.9dB 68.1dB 67.7dB 73.8dB 73.8dB 71.8dB 72.7dB 37dB 41dB	4W, 2.5W, 1W ±2.5kH2 ±4.0kH2 ±5.0kH2 36dB 41dB 42dB -39dBm -40.0dBm 0.5% 450-530MHz -115.3dBm -118.0dBm -118.0dBm -118.4dBm 67.4dB 68.3dB 68.4dB 65.4dB 72.2dB 75.1dB 71.4dB 72.5dB 36dB 40dB	
IF Output Power Aodulation Limiting 12.5kHz channel 20kHz channel 20kHz channel 25kHz channel 20kHz channel 20kHz channel 20kHz channel 20kHz channel 20kHz channel 20kHz channel 20kHz channel 20kHz channel 20kHz channel MB Channel B Channel MB Channel MB Channel MB Channel MB Channel MB Channel 20kHz channel	Stainless steel an 136–174MHz 5W, 2.5W, 1W ±2.5kHz ±4.0kHz ±5.0kHz 40dB 44dB -39dBm (<1GHz) -46dBm (>1GHz) -46dBm (>1GHz) -46dBm (>1GHz) -0.5, -2.5dB 0.3% 1min Tx, 4min Rx (136–174MHz -113.5dBm -117.0dBm -117.0dBm -117.0dBm 67.6dB 68.6dB 68.6dB 68.6dB 68.6dB 68.7dB 72.9dB 76.4dB 72.9dB 76.4dB 71.9dB 75.9dB 400B 44dB	174-225MHz 5W, 2.5W, 1W ±2.5kHz ±4.0kHz ±5.0kHz 42dB 45dB 47dB 46dBm 40dBm 0.3% 20%) 174-225MHz -115.2dBm -115.2dBm -115.2dBm 67.4dB 67.9dB 67.9dB 73.8dB 76.1dB 71.8dB 72.7dB 37dB 41dB	4W, 2.5W, 1W ±2.5kHz ±4.0kHz ±4.0kHz ±5.0kHz 42dB -40.6dBm -40.6dBm -0.5, -2.5dB 0.5% 400-470MHz -115.5dBm -117.8dBm -117.8dBm -118.4dBm 67.4dB 67.4dB 67.4dB 67.4dB 67.4dB 71.8dB 72.7dB 71.8dB 72.7dB 37dB 41dB	4W, 2.5W, 1W ±2.5kH2 ±4.0kH2 ±5.0kH2 36dB 41dB 42dB -39dBm -40.0dBm -10.5% 450-530MHz -115.3dBm -118.0dBm -118.0dBm -118.0dBm -118.4dBm 67.4dB 68.3dB 68.3dB 68.4dB 65.4dB 72.2dB 75.1dB 71.4dB 72.5dB 36dB 40dB 42dB	
F Output Power fodulation Limiting 12.5kHz channel 20kHz channel 25kHz channel 25kHz channel 26kHz channel 26kHz channel 26kHz channel 26kHz channel 26kHz channel 0nducted Emissions udio Response udio Distortion at 1kHz with 60% modulation uty Cycle leceiver* ensitivity 20dB (Phospho) NB Channel WB Channel 26kHz channel 26kHz channel 26kHz channel WB Channel WB Channel WB Channel WB Channel 26kHz channel	Stainless steel an 136–174MHz 5W, 2.5W, 1W ±2.5kHz ±4.0kHz ±5.0kHz 40dB 44dB -39dBm (<1GHz) -46dBm (>1GHz) -46dBm (>1GHz) -46dBm (>1GHz) -0.5, -2.5dB 0.3% 136–174MHz -113.5dBm -117.0dBm -117.0dBm -117.0dBm -117.0dBm 67.6dB 68.6dB 68.7dB 67.4dB 72.9dB 75.9dB 75.9dB 40dB 44dB 45dB +0.5, -2.5dB	174-225MHz 5W, 2.5W, 1W ±2.5kHz ±4.0kHz ±5.0kHz 42dB 45dB 47dB 46dBm 40dBm +0.5, -2.5dB 0.3% 20%) 174-225MHz -115.2dBm -116.6dBm -118.4dBm 67.4dB 67.9dB 73.8dB 76.1dB 71.8dB 72.7dB 37dB 41dB 43dB +0.5, -2.5dB	4W, 2.5W, 1W ±2.5kHz ±4.0kHz ±4.0kHz ±5.0kHz 41dB 42dB -40.6dBm -0.5kB 0.5% 400-470MHz -115.5dBm -115.5dBm -117.8dBm -117.8dBm -117.8dBm -118.4dBm 67.4dB 67.4dB 67.4dB 67.4dB 67.4dB 73.8dB 76.1dB 71.8dB 72.7dB 37dB 37dB 41dB 43dB 4105 -2.5dB	4W, 2.5W, 1W ±2.5kH2 ±4.0kH2 ±5.0kH2 36dB 41dB 42dB -39dBm -40.0dBm -10.5% 450-530MH2 -115.3dBm -118.0dBm -118.0dBm -118.0dBm -118.4dBm 65.4dB 65.4dB 72.2dB 75.1dB 71.4dB 72.5dB 36dB 40dB 42dB +0.5, -2.5dB	
Ar Output Power Andulation Limiting 12.5kHz channel 20kHz channel 20kHz channel 25kHz channel 20kHz channel	Stainless steel an 136–174MHz 5W, 2.5W, 1W ±2.5kHz ±4.0kHz ±5.0kHz 40dB 44dB -39dBm (<1GHz) -46dBm (>1GHz) -46dBm (>1GHz) -46dBm (>1GHz) -0.5, -2.5dB 0.3% 136–174MHz -113.5dBm -117.0dBm -117.0dBm -117.0dBm -117.0dBm 67.6dB 68.6dB 68.7dB 67.4dB 72.9dB 75.9dB 75.9dB 40dB 44dB 45dB +0.5, -2.5dB	174-225MHz 5W, 2.5W, 1W ±2.5kHz ±4.0kHz ±5.0kHz 42dB 45dB 47dB 46dBm 40dBm 40dBm 0.3% 20%) 174-225MHz -115.2dBm -115.2dBm -116.6dBm -116.6dBm -118.4dBm 67.4dB 67.9dB 67.9dB 67.9dB 73.8dB 76.1dB 71.8dB 72.7dB 37dB 41dB 43dB +0.5, -2.5dB	4W, 2.5W, 1W ±2.5kHz ±4.0kHz ±4.0kHz ±5.0kHz 41dB 42dB -40.6dBm -0.5kB 0.5% 400-470MHz -115.5dBm -115.5dBm -117.8dBm -117.8dBm -117.8dBm -118.4dBm 67.4dB 67.4dB 67.4dB 67.4dB 67.4dB 73.8dB 76.1dB 71.8dB 72.7dB 37dB 37dB 41dB 43dB 4105 -2.5dB	4W, 2.5W, 1W ±2.5kH2 ±4.0kH2 ±5.0kH2 36dB 41dB 42dB -39dBm -40.0dBm -10.5% 450-530MH2 -115.3dBm -118.0dBm -118.0dBm -118.0dBm -118.4dBm 67.4dB 68.3dB 68.4dB 65.4dB 72.2dB 75.1dB 71.4dB 72.5dB 36dB 40dB 42dB +0.5, -2.5dB	

Charger Charger Options

Desktop fast charger Multi-way charger