

Technical Requirements On Mobile Devices To Enable Cell Broadcast Service (CBS) Alert

1. **Mobile devices must be enabled to receive all alerts.**
2. **The alert message should not support any features related to forwarding, copying, or replying to the message.**
3. **The message must support adding a phone number or a URL link.**
4. **The mobile phone must support displaying or deleting the previous alert message as requested by the user.**
5. **The mobile phone must enable receiving synchronized alert messages.**
6. **The mobile phone should include features that help people with special needs such as converting text to speech or flashing light.**
7. **The device must support giving the priority to the Cell Broadcast Alert Messages over all functions of the mobile phone, including voice calls and SMS.**
8. **The message should support both Arabic and English, where the primary language being Arabic and secondary language is English.**
9. **Distribution of the channels shall be according to the Commercial Mobile Alert System (CMAS) as per [Table \(1\)](#).**
10. **Adopt the behaviors and settings for the mobile phone as per [Table \(2\)](#).**

Table 1

Primary Channel	Secondary Channel	Alert Settings Title	Alert			
			Alerts Level	Severity Level	Urgency Response Level	Certainty Level
Primary Language	Secondary Language					
4370	4383	National Warning Alerts (Category 1)	This Warning Alert on National Level			
4371	4384	Extreme Emergency Warning Alerts (Category 2)	Extreme	Extreme	Immediate	Observed
4372	4385		Extreme	Extreme	Immediate	Likely
4373	4386	Emergency Warning Alerts (Category 3)	Severe	Extreme	Expected	Observed
4374	4387		Severe	Extreme	Expected	Likely
4375	4388		Severe	Severe	Immediate	Observed
4376	4389		Severe	Severe	Immediate	Likely
4377	4390		Severe	Severe	Expected	Observed
4378	4391		Severe	Severe	Expected	Likely
4379	4392	Alerts (Category 4)	Security Alerts			
4380	4393	Testing Alerts (Category 5)	Monthly Test			
4381	4394	Exercises (Category 6)	Exercises			

Table 2

Alert Classification	Mobile Phone Behavior					
	Mode	Sound	Vibration	Duration (seconds)	Acknowledgement	Settings
Category 1	The alert is activated even in silent mode	Audible Signal	Yes	With a minimum of 10.5 seconds and a maximum of 32.5 seconds	Stopping the alert requires the recipient's acknowledgement	Mandatory Activation
Category 2	The alert is activated even in silent mode	Audible Signal	Yes	10.5	Stopping the alert requires the recipient's acknowledgement	Mandatory Activation
Category 3	The alert is activated even in silent mode	Audible Signal	Yes	10.5	Stopping the alert requires the recipient's acknowledgement	Mandatory Activation
Category 4	The alert is not required during silent mode	Audible Signal	Yes	With a minimum of 5 seconds and a maximum of 10.5 seconds	Stopping the alert requires the recipient's acknowledgement	Optional Activation
Category 5	The alert is not required during silent mode	Audible Signal	Yes or No	10.5	Stopping the alert does not require recipient's acknowledgement	Optional Activation
Category 6	The alert is activated even in silent mode	Audible Signal	Yes	10.5	Stopping the alert requires the recipient's acknowledgement	Mandatory Activation