



**NATIONAL COMMUNICATIONS AUTHORITY
(NCA), GHANA**

**Digital Video Broadcasting
Authorisation
NCA FORM AP03C**

Application Fee
Receipt No:

(Please attach Receipt)

Date:

(Submission Date)

Application Checklist. Tick (x) in box

- A completed application form
- Cover Letter
- Any other Supporting Documents – Please list
- Please refer to Section 8 for required documents

Application Form for Digital Video Broadcasting Authorisation

Type Of Application

New

Renew

Modify

Cancel

- In case of **New license application**, please fill all sections below except section 8.

- In case of **Modifying a license**, please fill the license number and the sections to be modified.

- In case of **Renew or Cancel** please fill all sections below.

License Number: _____

(In case of Modifying a license)

Digital Video Broadcasting Service

- (i) Digital Terrestrial Pay Television (Service only)
- (ii) Digital Terrestrial Pay Television (Service and Network)
- (iii) Digital Terrestrial Television Network only
- (iv) Digital Terrestrial Free-to-Air Television Programme Channel
- (v) Digital Terrestrial Radio Service on TV Multiplex
- (vi) Satellite Television Broadcasting (Pay TV Direct-to-Home Bouquet)
- (vii) Satellite Television Broadcasting (Free-to-Air Direct-to-Home Bouquet)
- (viii) Satellite Television Broadcasting (Free-to Air Direct-to-Home Single Channel)
- (ix) Subscription Management Service For A Statellite Television Broadcasting (Pay TV Direct-To-Home Bouquet)
- (x) Digital Terrestrial Television additional Services (eg. Teletext, etc)
- (xi) Digital Terrestrial Mobile Television Service
- (xii) Digital Cable Television
- (xiii) Television over Internet Protocol

Technology *(Applies to ONLY DAB)*

Single Frequency Network (SFN)

Multiple Frequency Network (MFN)

Coverage *(Applies to ONLY (ii), (iii) & (iv) above. Coverage of the rest are classified as Nationwide)*

Regional

Nationwide

For DTT Free To Air Programme Chanel, please provide particulars of Network Operator:

1. Name:
2. Location:

Regions (Applies to ONLY Regional Coverage)	Greater Accra Region	<input type="checkbox"/>	Eastern Region	<input type="checkbox"/>
	Ashanti Region	<input type="checkbox"/>	Central Region	<input type="checkbox"/>
	Western Region	<input type="checkbox"/>	Western North Region	<input type="checkbox"/>
	Bono Region	<input type="checkbox"/>	Bono East Region	<input type="checkbox"/>
	Ahafo Region	<input type="checkbox"/>	Volta Region	<input type="checkbox"/>
	Oti Region	<input type="checkbox"/>	Savanna Region	<input type="checkbox"/>
	Northern Region	<input type="checkbox"/>	North East Region	<input type="checkbox"/>
	Upper East Region	<input type="checkbox"/>	Upper West Region	<input type="checkbox"/>

1.0 Administrative Information (to be filled by Applicant)	
Licensee/Applicant Name	
User ID (Fill "Applicant Identification form", in case you are a new applicant or you do not have your User ID) /	
Authorized Person	
Technical Contact	

2.0 Geographical information		
2.1	Location	
2.2	Station Address	
2.3	Longitude*	
2.4	Latitude *	

3.0 Station Specific Technical Informationn		
3.1	Modulation Type *	<input type="checkbox"/> QPSK <input type="checkbox"/> 16-QAM <input type="checkbox"/> 64-QAM
3.2	Code Rate *	<input type="checkbox"/> 1/2 <input type="checkbox"/> 2/3 <input type="checkbox"/> 3/4 <input type="checkbox"/> 5/6 <input type="checkbox"/> 7/8
3.3	Reception Mode *	<input type="checkbox"/> Fixed <input type="checkbox"/> Portable outdoor <input type="checkbox"/> Portable indoor <input type="checkbox"/> Mobile
3.4	Type of Spectrum Mask *	<input type="checkbox"/> Non-Critical <input type="checkbox"/> Sensitive
3.5	Effective Radiated power (W) *	
3.6	Antenna height AGL (m) *	

4.0 Equipment Details		
4.1	Manufacturer of Transmitter *	

4.2	Model of Transmitter *	
4.3	Manufacturer of Filter *	
4.4	Model of Filter *	

5.0 Antenna details

5.1	Manufacturer *	
5.2	Model *	
5.3	Antenna gain (dBi) *	
5.4	Polarization	<input type="checkbox"/> H - Horizontal <input type="checkbox"/> M - Mixed <input type="checkbox"/> V - Vertical
5.5A	Directivity	<input type="checkbox"/> Omni <input type="checkbox"/> Directional

5.5B In case of directional Antenna, Please fill the Antenna Radiation Pattern details below or provide a soft copy of the antenna pattern txt file

<p style="font-size: small; margin: 0;">9NH/Attenuation at different azimuths of the horizontally polarized component with respect to maximum e.r.p. of the horizontally polarized component, dB (do not fill in if the antenna is non-directional)</p> <table style="width: 100%; text-align: center; border-collapse: collapse;"> <tr><td style="width: 50%;">0°</td><td style="width: 50%;">180°</td></tr> <tr><td>□ □ . □</td><td>□ □ . □</td></tr> <tr><td>10°</td><td>190°</td></tr> <tr><td>□ □ . □</td><td>□ □ . □</td></tr> <tr><td>20°</td><td>200°</td></tr> <tr><td>□ □ . □</td><td>□ □ . □</td></tr> <tr><td>30°</td><td>210°</td></tr> <tr><td>□ □ . □</td><td>□ □ . □</td></tr> <tr><td>40°</td><td>220°</td></tr> <tr><td>□ □ . □</td><td>□ □ . □</td></tr> <tr><td>50°</td><td>230°</td></tr> <tr><td>□ □ . □</td><td>□ □ . □</td></tr> <tr><td>60°</td><td>240°</td></tr> <tr><td>□ □ . □</td><td>□ □ . □</td></tr> <tr><td>70°</td><td>250°</td></tr> <tr><td>□ □ . □</td><td>□ □ . □</td></tr> <tr><td>80°</td><td>260°</td></tr> <tr><td>□ □ . □</td><td>□ □ . □</td></tr> <tr><td>90°</td><td>270°</td></tr> <tr><td>□ □ . □</td><td>□ □ . □</td></tr> <tr><td>100°</td><td>280°</td></tr> <tr><td>□ □ . □</td><td>□ □ . □</td></tr> <tr><td>110°</td><td>290°</td></tr> <tr><td>□ □ . □</td><td>□ □ . □</td></tr> <tr><td>120°</td><td>300°</td></tr> <tr><td>□ □ . □</td><td>□ □ . □</td></tr> <tr><td>130°</td><td>310°</td></tr> <tr><td>□ □ . □</td><td>□ □ . □</td></tr> <tr><td>140°</td><td>320°</td></tr> <tr><td>□ □ . □</td><td>□ □ . □</td></tr> <tr><td>150°</td><td>330°</td></tr> <tr><td>□ □ . □</td><td>□ □ . □</td></tr> <tr><td>160°</td><td>340°</td></tr> <tr><td>□ □ . □</td><td>□ □ . □</td></tr> <tr><td>170°</td><td>350°</td></tr> <tr><td>□ □ . □</td><td>□ □ . □</td></tr> </table>	0°	180°	□ □ . □	□ □ . □	10°	190°	□ □ . □	□ □ . □	20°	200°	□ □ . □	□ □ . □	30°	210°	□ □ . □	□ □ . □	40°	220°	□ □ . □	□ □ . □	50°	230°	□ □ . □	□ □ . □	60°	240°	□ □ . □	□ □ . □	70°	250°	□ □ . □	□ □ . □	80°	260°	□ □ . □	□ □ . □	90°	270°	□ □ . □	□ □ . □	100°	280°	□ □ . □	□ □ . □	110°	290°	□ □ . □	□ □ . □	120°	300°	□ □ . □	□ □ . □	130°	310°	□ □ . □	□ □ . □	140°	320°	□ □ . □	□ □ . □	150°	330°	□ □ . □	□ □ . □	160°	340°	□ □ . □	□ □ . □	170°	350°	□ □ . □	□ □ . □	<p style="font-size: small; margin: 0;">9NV/Attenuation at different azimuths of the vertically polarized component with respect to maximum e.r.p. of the vertically polarized component, dB (do not fill in if the antenna is non-directional)</p> <table style="width: 100%; text-align: center; border-collapse: collapse;"> <tr><td style="width: 50%;">0°</td><td style="width: 50%;">180°</td></tr> <tr><td>□ □ . □</td><td>□ □ . □</td></tr> <tr><td>10°</td><td>190°</td></tr> <tr><td>□ □ . □</td><td>□ □ . □</td></tr> <tr><td>20°</td><td>200°</td></tr> <tr><td>□ □ . □</td><td>□ □ . □</td></tr> <tr><td>30°</td><td>210°</td></tr> <tr><td>□ □ . □</td><td>□ □ . □</td></tr> <tr><td>40°</td><td>220°</td></tr> <tr><td>□ □ . □</td><td>□ □ . □</td></tr> <tr><td>50°</td><td>230°</td></tr> <tr><td>□ □ . □</td><td>□ □ . □</td></tr> <tr><td>60°</td><td>240°</td></tr> <tr><td>□ □ . □</td><td>□ □ . □</td></tr> <tr><td>70°</td><td>250°</td></tr> <tr><td>□ □ . □</td><td>□ □ . □</td></tr> <tr><td>80°</td><td>260°</td></tr> <tr><td>□ □ . □</td><td>□ □ . □</td></tr> <tr><td>90°</td><td>270°</td></tr> <tr><td>□ □ . □</td><td>□ □ . □</td></tr> <tr><td>100°</td><td>280°</td></tr> <tr><td>□ □ . □</td><td>□ □ . □</td></tr> <tr><td>110°</td><td>290°</td></tr> <tr><td>□ □ . □</td><td>□ □ . □</td></tr> <tr><td>120°</td><td>300°</td></tr> <tr><td>□ □ . □</td><td>□ □ . □</td></tr> <tr><td>130°</td><td>310°</td></tr> <tr><td>□ □ . □</td><td>□ □ . □</td></tr> <tr><td>140°</td><td>320°</td></tr> <tr><td>□ □ . □</td><td>□ □ . □</td></tr> <tr><td>150°</td><td>330°</td></tr> <tr><td>□ □ . □</td><td>□ □ . □</td></tr> <tr><td>160°</td><td>340°</td></tr> <tr><td>□ □ . □</td><td>□ □ . □</td></tr> <tr><td>170°</td><td>350°</td></tr> <tr><td>□ □ . □</td><td>□ □ . □</td></tr> </table>	0°	180°	□ □ . □	□ □ . □	10°	190°	□ □ . □	□ □ . □	20°	200°	□ □ . □	□ □ . □	30°	210°	□ □ . □	□ □ . □	40°	220°	□ □ . □	□ □ . □	50°	230°	□ □ . □	□ □ . □	60°	240°	□ □ . □	□ □ . □	70°	250°	□ □ . □	□ □ . □	80°	260°	□ □ . □	□ □ . □	90°	270°	□ □ . □	□ □ . □	100°	280°	□ □ . □	□ □ . □	110°	290°	□ □ . □	□ □ . □	120°	300°	□ □ . □	□ □ . □	130°	310°	□ □ . □	□ □ . □	140°	320°	□ □ . □	□ □ . □	150°	330°	□ □ . □	□ □ . □	160°	340°	□ □ . □	□ □ . □	170°	350°	□ □ . □	□ □ . □
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9. Undertaking:

I/We hereby certify that the information supplied in this application form is true in all respects and I/We hereby give undertaking that upon grant of the Licence/Authorisation, I/We shall abide by the terms and conditions upon which the Licence/Authorisation is granted. I/We accept that my/our Licence/ Authorisation may be revoked and the appropriate penalty/ penalties applied if it is established that I/We have been granted Licence/Authorisation based on incorrect information. I/We further undertake to abide by all existing ITU Regulations and Communications laws of the country as well as other rules, regulations and directives that may be issued.

Date of Submission: ___/___/___
dd / mm / yy

Signature of Authorised Representative/Seal:

10. For Administrative use Only

Customer ID	
Name of Employee who received the application	

Date of Application receipt: ___/___/___
dd / mm / yy

Signature/Seal: