INSTRUCTION MANUAL

This instruction manual is provided for helping applicants in completing sound and video Broadcasting application form (BC and BT application form).

Table A. Instructions to complete BC notice form for frequency assignment for the VHF sound Broadcasting station

FORM 5 II. SITE INFORMATION			Responsible person
1. Broadcasting Station Information			
Item No. 1.1	Name of Site	Location where the typical station is located	Applicant
Item No. 1.2	Site address	The address of transmitting antenna site	Applicant
Item No. 1.3	Co-ordinates	The coordinates of center of circular area where typical station located	Applicant
Item No. 1.4	Site Elevation (AMSL)	Give the altitude of base of transmitting antenna or antenna tower placed of sea level	Applicant
2. Equipment			
Item No. 2.1	Equipment Name	Insert the equipment name of VHF sound broadcasting.	Applicant
Item No. 2.2	Power to antenna	Put the signed value of transmitting power to the antenna in dBw for each sector.	Applicant
Item No. 2.3	Power Type	Based on the equipment manual guide	Applicant
3. Frequency Information			
Item No. 3.1	Frequency or Band	The Frequency or Band used for the VHF sound broadcasting stations 87.5-108 MHz	Applicant
Item No. 3.2	Bandwidth	The Bandwidth of the VHF sound broadcasting each 200kHz (0.2 MHz)	Applicant
Item No. 3.3	Emission Designator	ANC will provide this information in accordance with the used modulation type and necessary bandwidth using notation in RR Appendix 1	ANC
Item No. 3.4 Item No. 3.5	Hours of Operation	The time of day measured in UTC at which the transmission usually commences and ends. Where a Start Time (Stop Time) is the same time (or later (earlier) time of day) as the Stop Time (Start Time), then the Stop Time is considered to be on the next calendar day, immediately following the Start Time. For the 24 hour operation use: 00:00 24:00	Applicant
4. Antenna Information			
Item No. 4.1	Azimuth	The angle of the direction of the transmitting Antenna's Maximum Gain	Applicant
Item No. 4.2	Elevation	The signed (Positive or negative) angle measured in the vertical plane between the direction of the Transmitting Antenna Maximum Gain and the horizontal plane	Applicant
Item No. 4.3	Antenna Height AGL (m)	Provide the height of the center of the antenna in each sector above its base in meter Summation.	Applicant
Item No. 4.4	Antenna Name	Provide the manufacturer common or specific name of the antenna	Applicant
Item No. 4.5	Class of Antenna	Means an antenna dipole and other antenna	Applicant
Item No. 4.6	Polarization	Check only one of the following eight options in accordance with the antenna radiation characteristics: V Vertical linear: the electric field vector is in the vertical plane. H Horizontal linear: the electric field vector is in the horizontal plane. M Mixed: the collective term applied when both vertical and horizontal components are radiated, embracing slant, circular and dual polarization.	Applicant
Item No. 4.7	Antenna Gain	Give the maximum gain of the antenna in the direction of main lobe in dBi or dBd.	Applicant
Item No. 4.8	Antenna Directivity	Directional Transmitting Antennas maybe pointing toward the ground.	Applicant
Item No. 4.9	Horizontal Beam Width	Refer to the antenna pattern specification	Applicant

Table B. Instructions to complete BT notice form for frequency assignment for the VHF-UHF Television broadcasting station

FORM 6 II. SITE INFORMATION			Responsible person
1. Broadcasting Station Information			
Item No. 1.1	Name of Site	Location where the typical station is located	Applicant
Item No. 1.2	Site address	The address of transmitting antenna site	Applicant
Item No. 1.3	Co-ordinates	The coordinates of center of circular area where typical station located	Applicant
Item No. 1.4	Site Elevation (AMSL)	Give the altitude of base of transmitting antenna or antenna tower placed of sea level	Applicant
2. Equipment			
Item No. 2.1	Equipment Name	Insert the Equipment Name of Television VHF/UHF.	Applicant
Item No. 2.2	Power to antenna	Put the signed value (positive or negative) of transmitting power to the antenna in dB for each sector.	Applicant
Item No. 2.3	Power Type	Based on the equipment manual guide	Applicant
3. Frequency Information			
Item No. 3.1	Frequency or Band	The Frequency or Band used for the VHF/UHF Television broadcasting stations for VHF 174 – 230 MHz and UHF 470 – 690 Mhz.	Applicant
Item No. 3.2	Bandwidth	The Bandwidth of the VHF/UHF Television broadcasting stations each VHF 7Mhz and UHF 8Mhz	Applicant
Item No. 3.3	Emission Designator	ANC will provide this information in accordance with the used modulation type and necessary bandwidth using notation in RR Appendix 1	ANC
Item No. 3.4 Item No. 3.5	Hours of Operation	The time of day measured in UTC at which the transmission usually commences and ends. Where a Start Time (Stop Time) is the same time (or later (earlier) time of day) as the Stop Time (Start Time), then the Stop Time is considered to be on the next calendar day, immediately following the Start Time. For the 24 hour operation use: 00:00 24:00	Applicant
4. Antenna Information			
Item No. 4.1	Azimuth	The angle of the direction of the transmitting Antenna's Maximum Gain	Applicant
Item No. 4.2	Elevation	The signed (Positive or negative) angle measured in the vertical plane between the direction of the Transmitting Antenna Maximum Gain and the horizontal plane	Applicant
Item No. 4.3	Antenna Height AGL (m)	Provide the height of the center of the antenna in each sector above its base in meter Summation.	Applicant
Item No. 4.4	Antenna Name	Provide the manufacturer common or specific name of the antenna	Applicant
Item No. 4.5	Class of Antenna	Means an antenna dipole and other antenna	Applicant
Item No. 4.6	Polarization	Check only one of the following eight options in accordance with the antenna radiation characteristics: V Vertical linear: the electric field vector is in the vertical plane. H Horizontal linear: the electric field vector is in the horizontal plane. M Mixed: the collective term applied when both vertical and horizontal components are radiated, embracing slant, circular and dual polarization.	Applicant
Item No. 4.7	Antenna Gain	Give the maximum gain of the antenna in the direction of main lobe in dBi or dBd.	Applicant
Item No. 4.8	Antenna Directivity	Directional Transmitting Antennas maybe pointing toward the ground.	Applicant
Item No. 4.9	Horizontal Beam Width	Refer to the antenna pattern specification	Applicant