

## Evolution Wireless Digital

WIRELESS MICROPHONE SYSTEMS

Drawing name	Revision
EW-DX System Drawings	1.0

Sheet title
EM 4 Dante, Four-Channel Receiver

Description
Detailed view, Front & Rear

## EM 2 Dante / EM 4 Dante Available Frequency ranges

Q1-9	470.2 - 550 MHz
R1-9	520 - 607.8 MHz
S2-10	614.2 - 693.8 MHz
U1/5	823.2 - 831.8 MHz 863.2 - 864.8 MHz
V5-7	941.7 - 951.8 MHz 953.05 - 956.05 MHz 956.65 - 959.65 MHz
Y1-3	1785.2 - 1799.8 MHz

## EW-D & EW-DX Accessories Frequency ranges

### EW-D ASA (Antenna Splitter, Active)

Q-R-S	470 - 694 MHz
T-U-V-W	694 - 1075 MHz
X-Y	1350 - 1805 MHz

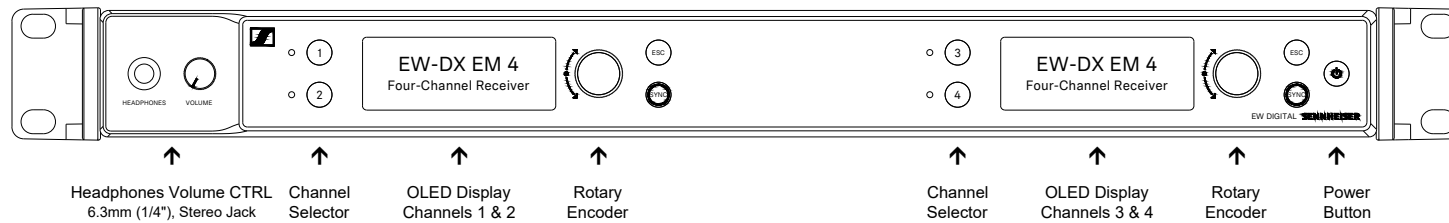
### EW-D AB & EW-D Half Wave Dipole

Q	470 - 550 MHz
R	520 - 608 MHz
S	606 - 694 MHz
U	823 - 865 MHz
V	902 - 960 MHz
Y	1785 - 1805 MHz

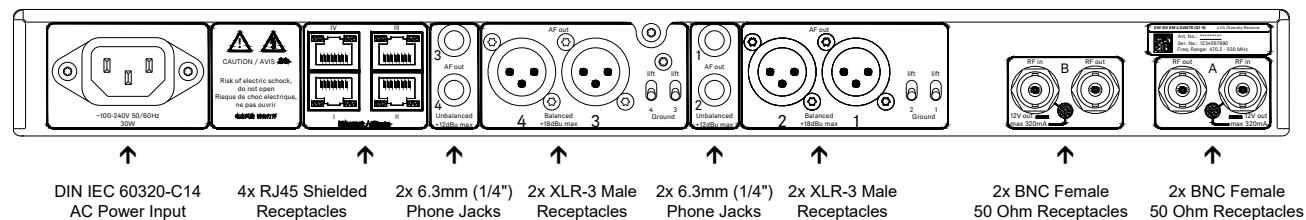
### AWM wall-mount antenna

UHF I	470 - 694 MHz
UHF II	823 - 1075 MHz
1G8	1785 - 1805 MHz

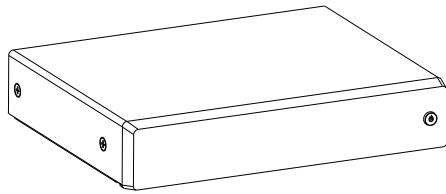
## FRONT View



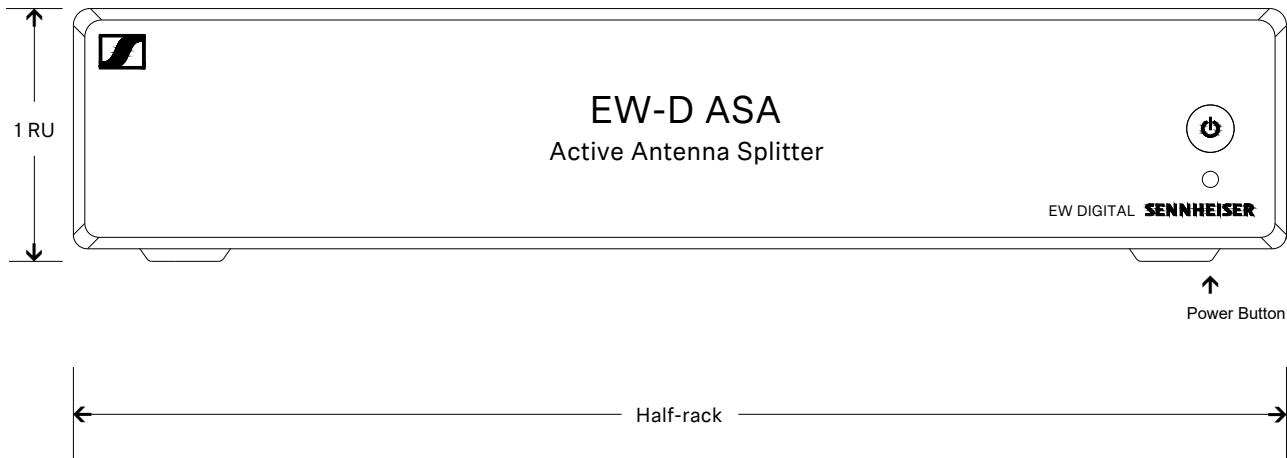
## REAR View



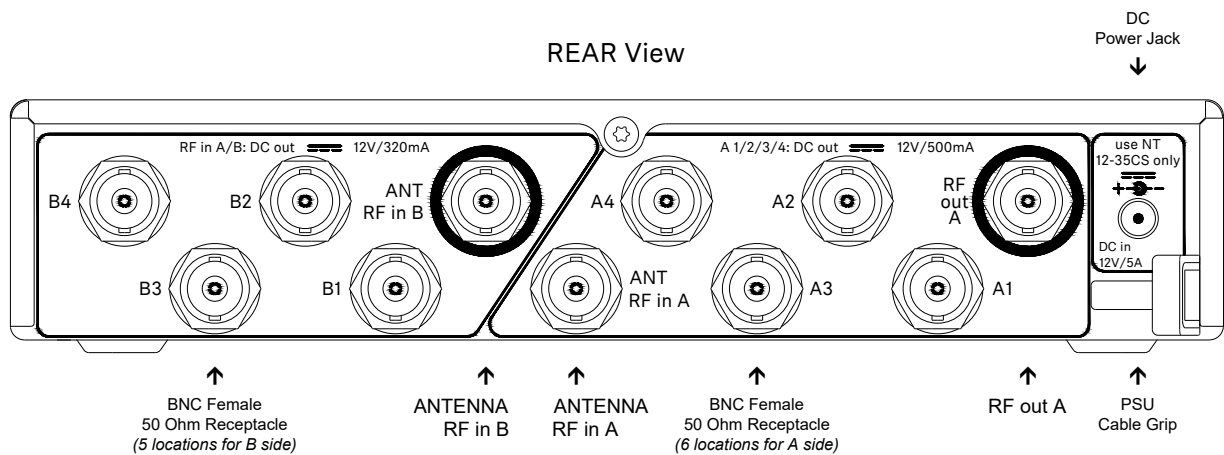
→ Please contact your local Sennheiser representative for available Evolution Wireless Digital frequency ranges in your market



FRONT View



REAR View



EW-D Available Frequency ranges	
Q1-6	470.2 - 526 MHz
R1-6	520 - 576 MHz
R4-9	552 - 607.8 MHz
S1-7	606.2 - 662 MHz
S4-7	630 - 662 MHz
S7-10	662 - 693.8 MHz
U1/5	823.2 - 831.8 MHz 863.2 - 864.8 MHz
V3-4	925.2 - 937.3 MHz
Y1-3	1785.2 - 1799.8 MHz

EW-DX Available Frequency ranges	
Q1-9	470.2 - 550 MHz
R1-9	520 - 607.8 MHz
S1-10	606.2 - 693.8 MHz
S2-10	614.2 - 693.8 MHz
S4-10	630 - 693.8 MHz
U1/5	823.2 - 831.8 MHz 863.2 - 864.8 MHz
V3-4	925.2 - 937.3 MHz
V5-7	941.7 - 951.8 MHz 953.05 - 956.05 MHz 956.65 - 959.65 MHz
Y1-3	1785.2 - 1799.8 MHz

## Evolution Wireless Digital WIRELESS MICROPHONE SYSTEMS

Drawing name	Revision
EW-D System Drawings	1.0

Sheet title
EW-D ASA, Active Antenna Splitter

Description
Detailed views, Front & Rear

## EW-D & EW-DX Accessories Frequency ranges

EW-D ASA (Antenna Splitter, Active)	
Q-R-S	470 - 694 MHz
T-U-V-W	694 - 1075 MHz
X-Y	1350 - 1805 MHz

EW-D AB & EW-D Half Wave Dipole	
Q	470 - 550 MHz
R	520 - 608 MHz
S	606 - 694 MHz
U	823 - 865 MHz
V	902 - 960 MHz
Y	1785 - 1805 MHz

AWM wall-mount antenna	
UHF I	470 - 694 MHz
UHF II	823 - 1075 MHz
1G8	1785 - 1805 MHz

## EM 2 Dante / EM 4 Dante Available Frequency ranges

Q1-9	470.2 - 550 MHz
R1-9	520 - 607.8 MHz
S2-10	614.2 - 693.8 MHz
U1/5	823.2 - 831.8 MHz 863.2 - 864.8 MHz
V5-7	941.7 - 951.8 MHz 953.05 - 956.05 MHz 956.65 - 959.65 MHz
Y1-3	1785.2 - 1799.8 MHz

→ Please contact your local Sennheiser representative for available Evolution Wireless Digital frequency ranges in your market


**SENNHEISER**

## Evolution Wireless Digital

*Description*  
EM 4 Dante; 4-Ch. System

EM 2 Dante / EM 4 Dante  
Available Frequency ranges

Q1-9	470.2 - 550 MHz
R1-9	520 - 607.8 MHz
S2-10	614.2 - 693.8 MHz
U1/5	823.2 - 831.8 MHz 863.2 - 864.8 MHz
V5-7	941.7 - 951.8 MHz 953.05 - 956.05 MHz 956.65 - 959.65 MHz
Y1-3	1785.2 - 1799.8 MHz

EW-D & EW-DX  
Accessories Frequency ranges

EW-D ASA (Antenna Splitter, Active)

Q-R-S	470 - 694 MHz
T-U-V-W	694 - 1075 MHz
X-Y	1350 - 1805 MHz

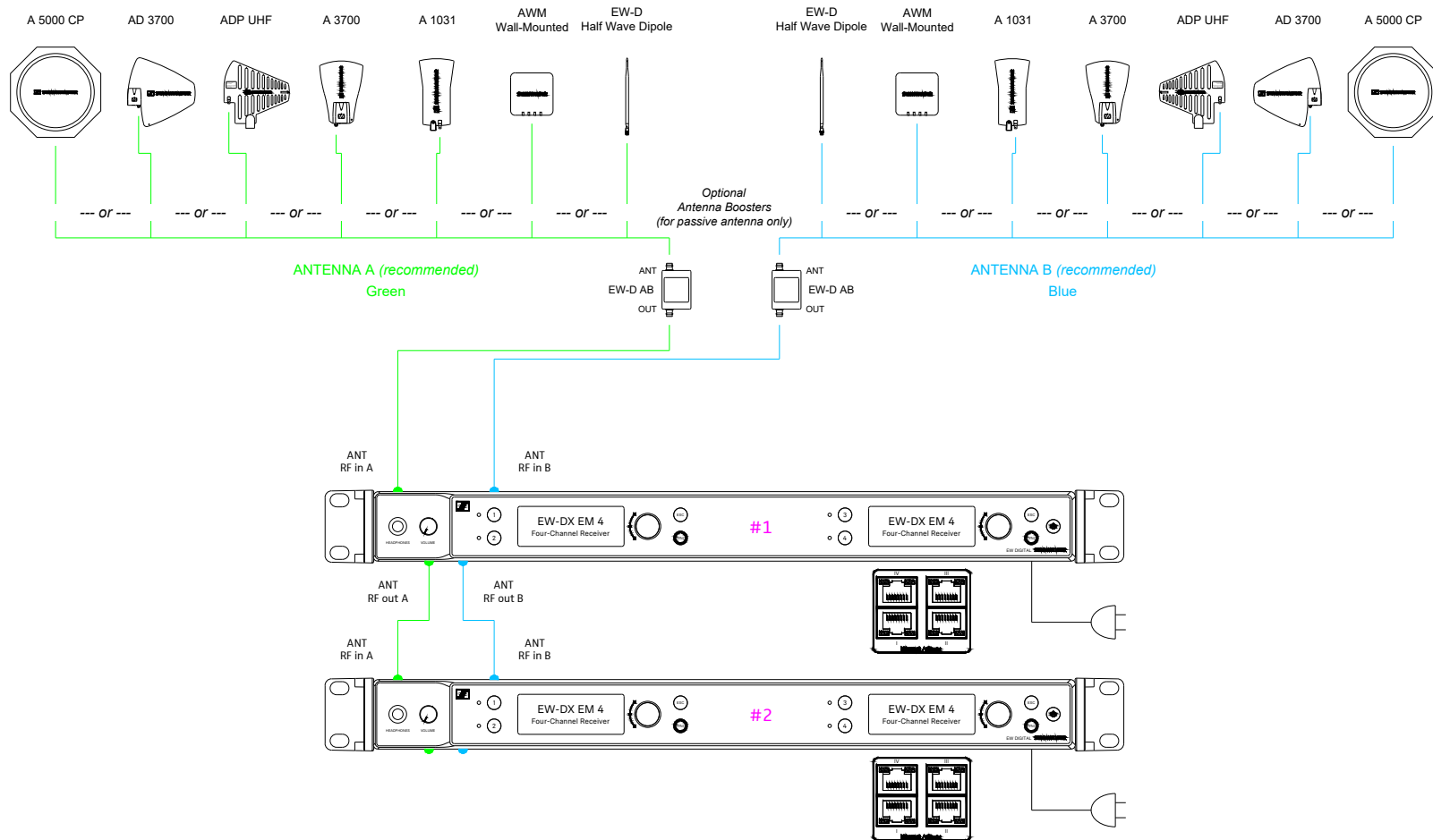
EW-D AB &amp; EW-D Half Wave Dipole

Q	470 - 550 MHz
R	520 - 608 MHz
S	606 - 694 MHz
U	823 - 865 MHz
V	902 - 960 MHz
Y	1785 - 1805 MHz

**AWM wall-mount antenna**

UHF I	470 - 694 MHz
UHF II	823 - 1075 MHz
1G8	1785 - 1805 MHz

→ For optimal diversity operation, it is recommended to use the same antenna model and equal coax cable length on both sides



Channels 1 to 8

→ Please contact your local Sennheiser representative for available Evolution Wireless Digital frequency ranges in your market



## Evolution Wireless Digital

WIRELESS MICROPHONE SYSTEMS

Drawing name  
EW-DX System Drawings

Revision  
1.0

Sheet title  
RF Wiring and Antenna options

Description  
EM 4 Dante; 8-Ch. System

## EM 2 Dante / EM 4 Dante Available Frequency ranges

Q1-9	470.2 - 550 MHz
R1-9	520 - 607.8 MHz
S2-10	614.2 - 693.8 MHz
U1/5	823.2 - 831.8 MHz 863.2 - 864.8 MHz
V5-7	941.7 - 951.8 MHz 953.05 - 956.05 MHz 956.65 - 959.65 MHz
Y1-3	1785.2 - 1799.8 MHz

## EW-D & EW-DX Accessories Frequency ranges

### EW-D ASA (Antenna Splitter, Active)

Q-R-S	470 - 694 MHz
T-U-V-W	694 - 1075 MHz
X-Y	1350 - 1805 MHz

### EW-D AB & EW-D Half Wave Dipole

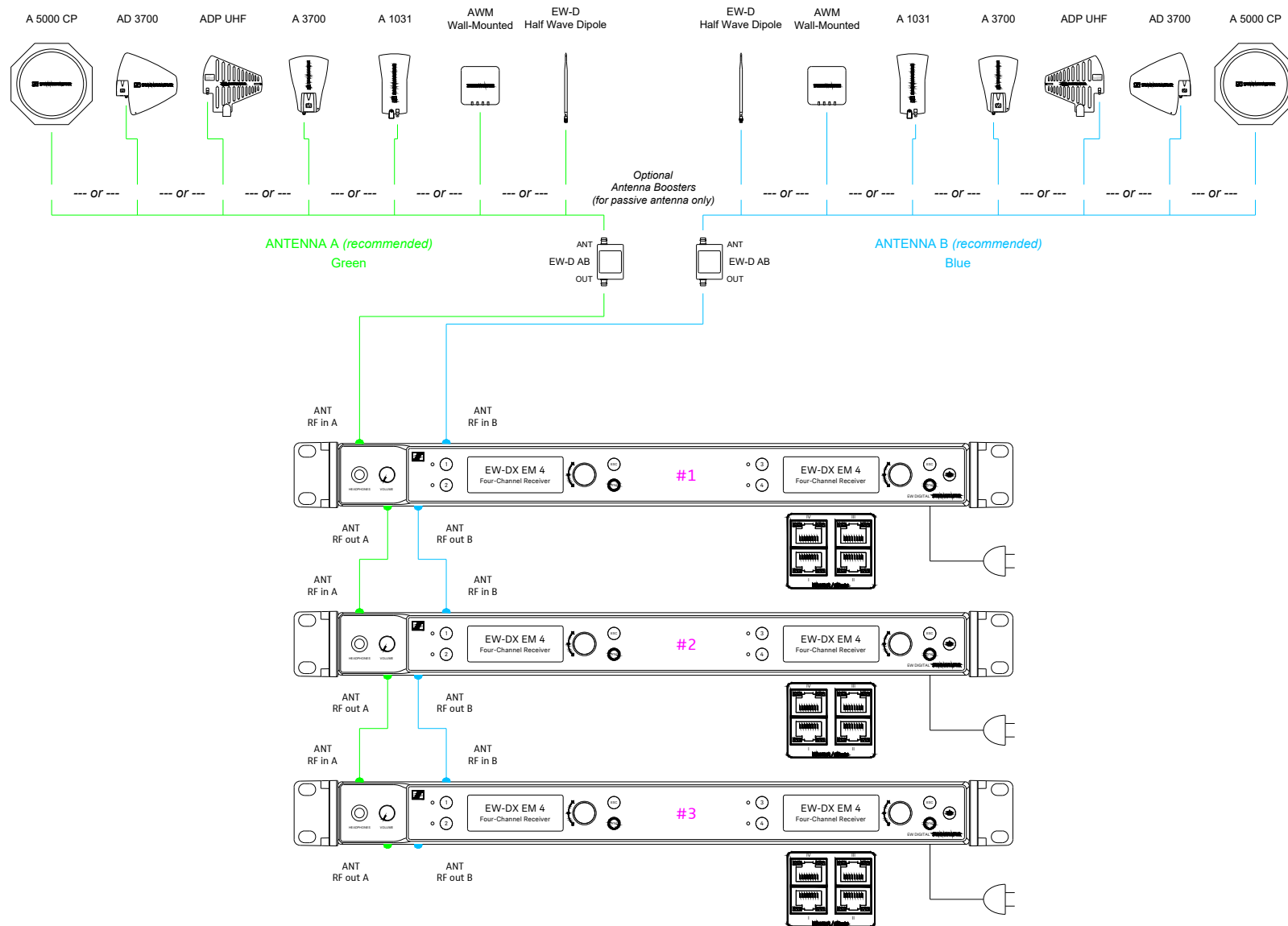
Q	470 - 550 MHz
R	520 - 608 MHz
S	606 - 694 MHz
U	823 - 865 MHz
V	902 - 960 MHz
Y	1785 - 1805 MHz

### AWM wall-mount antenna

UHF I	470 - 694 MHz
UHF II	823 - 1075 MHz
1G8	1785 - 1805 MHz



→ For optimal diversity operation, it is recommended to use the same antenna model and equal coax cable length on both sides



Channels 1 to 12

→ Please contact your local Sennheiser representative for available Evolution Wireless Digital frequency ranges in your market



## Evolution Wireless Digital

WIRELESS MICROPHONE SYSTEMS

Drawing name	Revision
EW-DX System Drawings	1.0

Sheet title
RF Wiring and Antenna options

Description
EM 4 Dante; 12-Ch. System

## EM 2 Dante / EM 4 Dante Available Frequency ranges

Q1-9	470.2 - 550 MHz
R1-9	520 - 607.8 MHz
S2-10	614.2 - 693.8 MHz
U1/5	823.2 - 831.8 MHz 863.2 - 864.8 MHz
V5-7	941.7 - 951.8 MHz 953.05 - 956.05 MHz 956.65 - 959.65 MHz
Y1-3	1785.2 - 1799.8 MHz

## EW-D & EW-DX Accessories Frequency ranges

### EW-D ASA (Antenna Splitter, Active)

Q-R-S	470 - 694 MHz
T-U-V-W	694 - 1075 MHz
X-Y	1350 - 1805 MHz

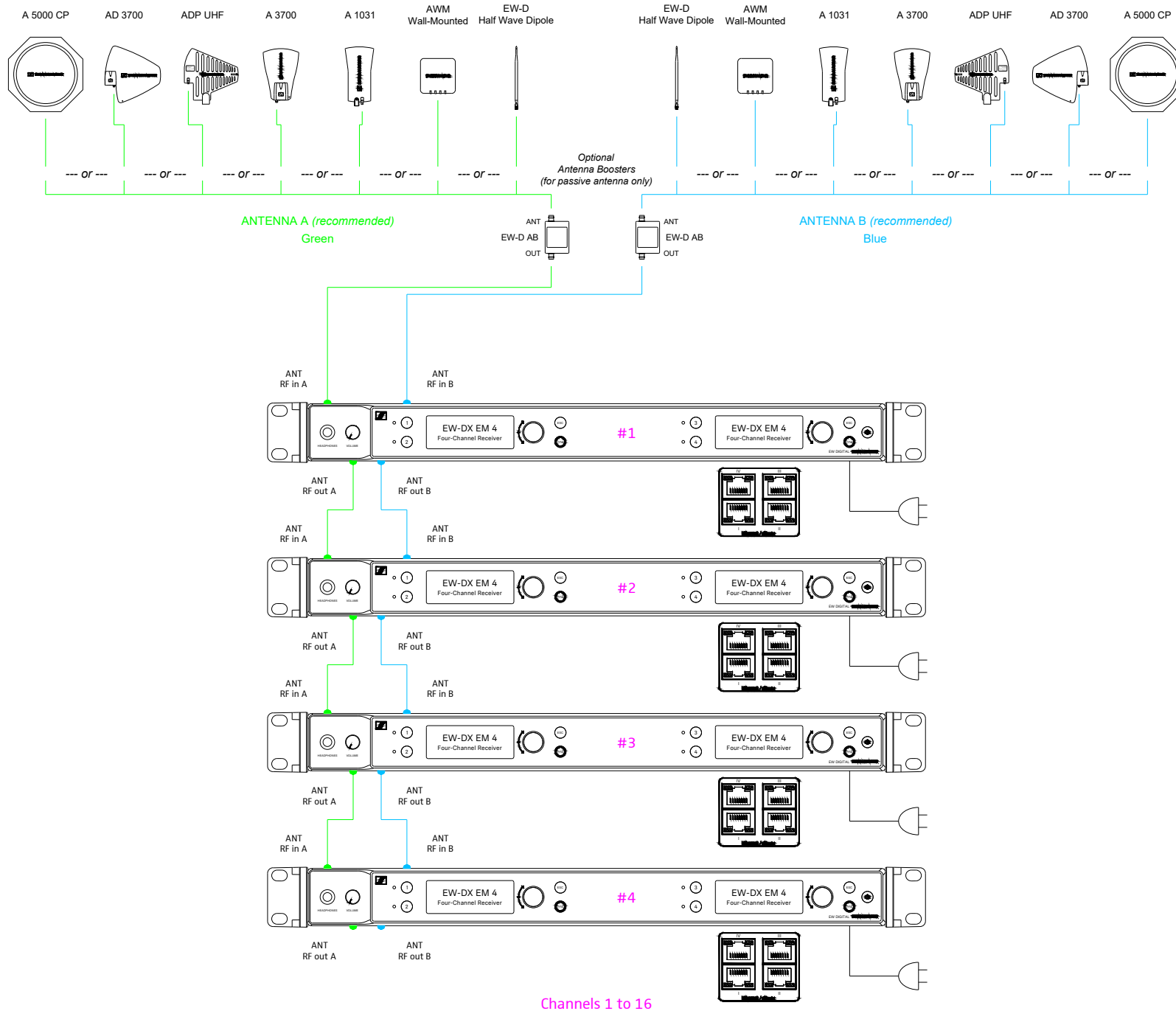
### EW-D AB & EW-D Half Wave Dipole

Q	470 - 550 MHz
R	520 - 608 MHz
S	606 - 694 MHz
U	823 - 865 MHz
V	902 - 960 MHz
Y	1785 - 1805 MHz

### AWM wall-mount antenna

UHF I	470 - 694 MHz
UHF II	823 - 1075 MHz
1G8	1785 - 1805 MHz

→ For optimal diversity operation, it is recommended to use the same antenna model and equal coax cable length on both sides



Channels 1 to 16

→ Please contact your local Sennheiser representative for available Evolution Wireless Digital frequency ranges in your market



## Evolution Wireless Digital

WIRELESS MICROPHONE SYSTEMS

Drawing name	Revision
EW-DX System Drawings	1.0

Sheet title
RF Wiring and Antenna options

Description
EM 4 Dante; 16-Ch. System

## EM 2 Dante / EM 4 Dante Available Frequency ranges

Q1-9	470.2 - 550 MHz
R1-9	520 - 607.8 MHz
S2-10	614.2 - 693.8 MHz
U1/5	823.2 - 831.8 MHz 863.2 - 864.8 MHz
V5-7	941.7 - 951.8 MHz 953.05 - 956.05 MHz 956.65 - 959.65 MHz
Y1-3	1785.2 - 1799.8 MHz

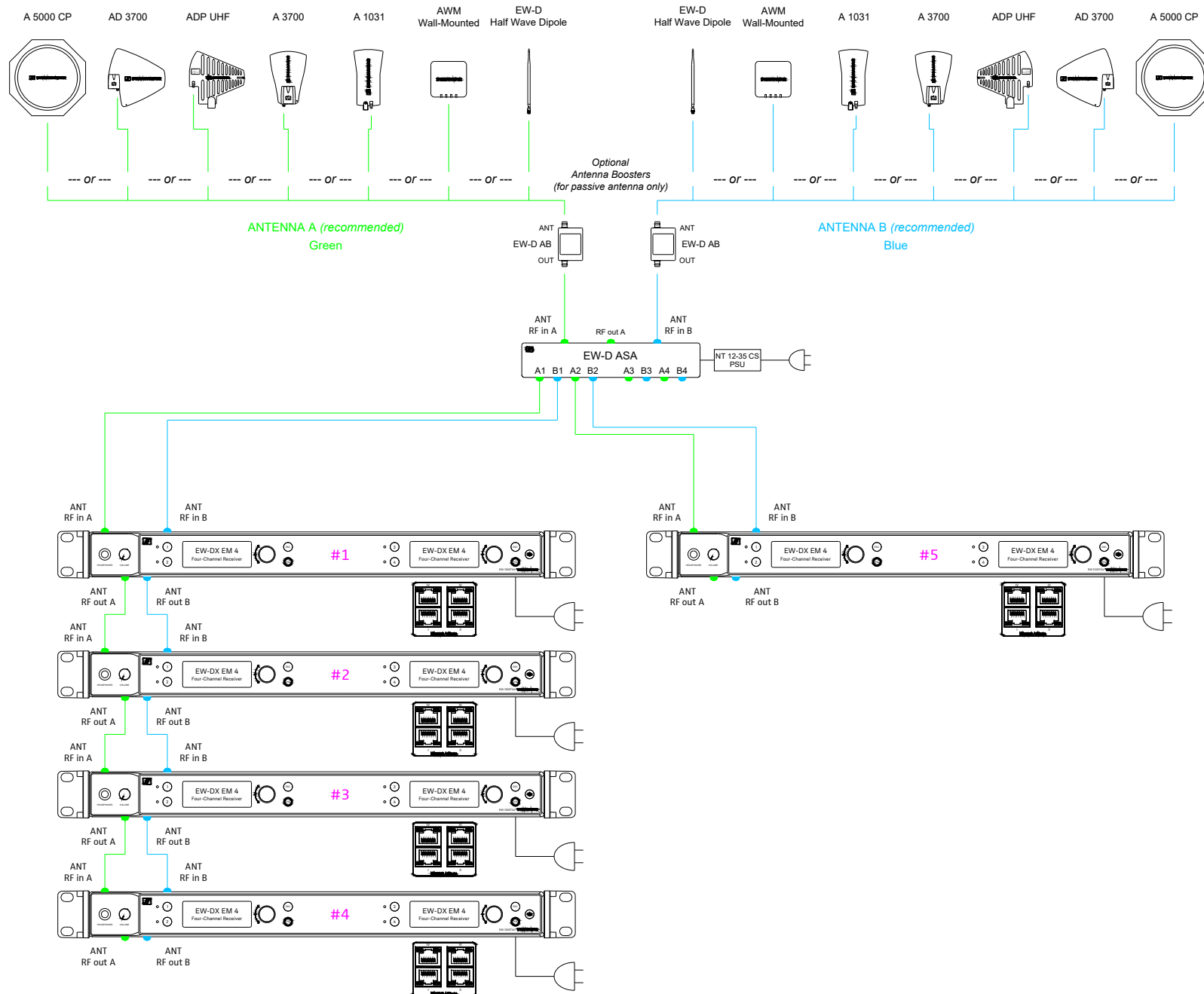
## EW-D & EW-DX Accessories Frequency ranges

EW-D ASA (Antenna Splitter, Active)	
Q-R-S	470 - 694 MHz
T-U-V-W	694 - 1075 MHz
X-Y	1350 - 1805 MHz

EW-D AB & EW-D Half Wave Dipole	
Q	470 - 550 MHz
R	520 - 608 MHz
S	606 - 694 MHz
U	823 - 865 MHz
V	902 - 960 MHz
Y	1785 - 1805 MHz

AWM wall-mount antenna	
UHF I	470 - 694 MHz
UHF II	823 - 1075 MHz
1G8	1785 - 1805 MHz

→ For optimal diversity operation, it is recommended to use the same antenna model and equal coax cable length on both sides



Channels 1 to 16

Channels 17 to 20

→ Please contact your local Sennheiser representative for available Evolution Wireless Digital frequency ranges in your market



## Evolution Wireless Digital WIRELESS MICROPHONE SYSTEMS

Drawing name  
EW-DX System Drawings

Revision  
1.0

Sheet title  
RF Wiring and Antenna options

Description  
EM 4 Dante; 20-Ch. System

## EM 2 Dante / EM 4 Dante Available Frequency ranges

Q1-9	470.2 - 550 MHz
R1-9	520 - 607.8 MHz
S2-10	614.2 - 693.8 MHz
U1/5	823.2 - 831.8 MHz 863.2 - 864.8 MHz
V5-7	941.7 - 951.8 MHz 953.05 - 956.05 MHz 956.65 - 959.65 MHz
Y1-3	1785.2 - 1799.8 MHz

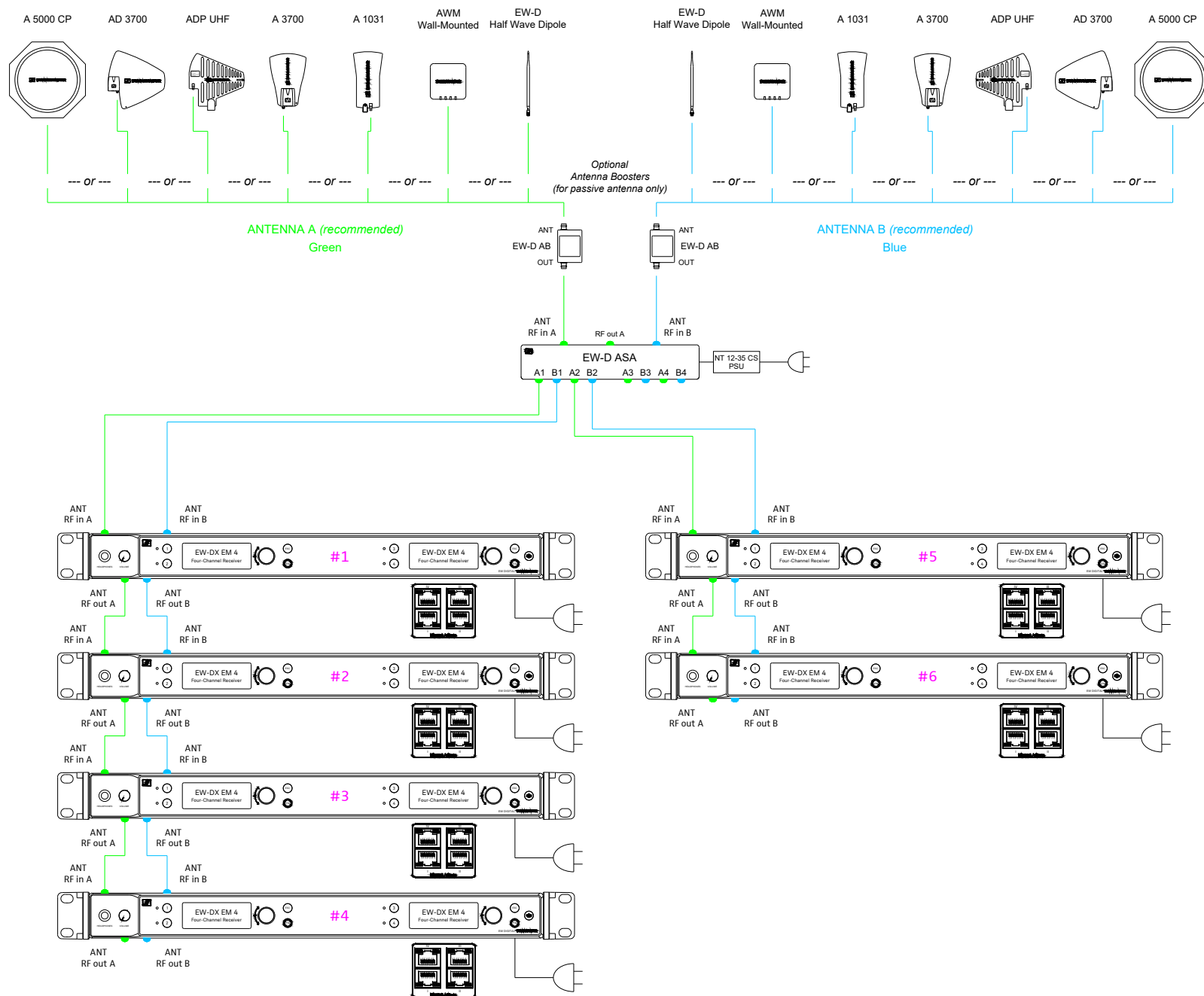
## EW-D & EW-DX Accessories Frequency ranges

EW-D ASA (Antenna Splitter, Active)	
Q-R-S	470 - 694 MHz
T-U-V-W	694 - 1075 MHz
X-Y	1350 - 1805 MHz

EW-D AB & EW-D Half Wave Dipole	
Q	470 - 550 MHz
R	520 - 608 MHz
S	606 - 694 MHz
U	823 - 865 MHz
V	902 - 960 MHz
Y	1785 - 1805 MHz

AWM wall-mount antenna	
UHF I	470 - 694 MHz
UHF II	823 - 1075 MHz
1G8	1785 - 1805 MHz

→ For optimal diversity operation, it is recommended to use the same antenna model and equal coax cable length on both sides



Channels 1 to 16

Channels 17 to 24

→ Please contact your local Sennheiser representative for available Evolution Wireless Digital frequency ranges in your market



## Evolution Wireless Digital WIRELESS MICROPHONE SYSTEMS

Drawing name  
EW-DX System Drawings

Revision  
1.0

Sheet title  
RF Wiring and Antenna options

Description  
EM 4 Dante; 24-Ch. System

## EM 2 Dante / EM 4 Dante Available Frequency ranges

Q1-9	470.2 - 550 MHz
R1-9	520 - 607.8 MHz
S2-10	614.2 - 693.8 MHz
U1/5	823.2 - 831.8 MHz 863.2 - 864.8 MHz
V5-7	941.7 - 951.8 MHz 953.05 - 956.05 MHz 956.65 - 959.65 MHz
Y1-3	1785.2 - 1799.8 MHz

## EW-D & EW-DX Accessories Frequency ranges

### EW-D ASA (Antenna Splitter, Active)

Q-R-S	470 - 694 MHz
T-U-V-W	694 - 1075 MHz
X-Y	1350 - 1805 MHz

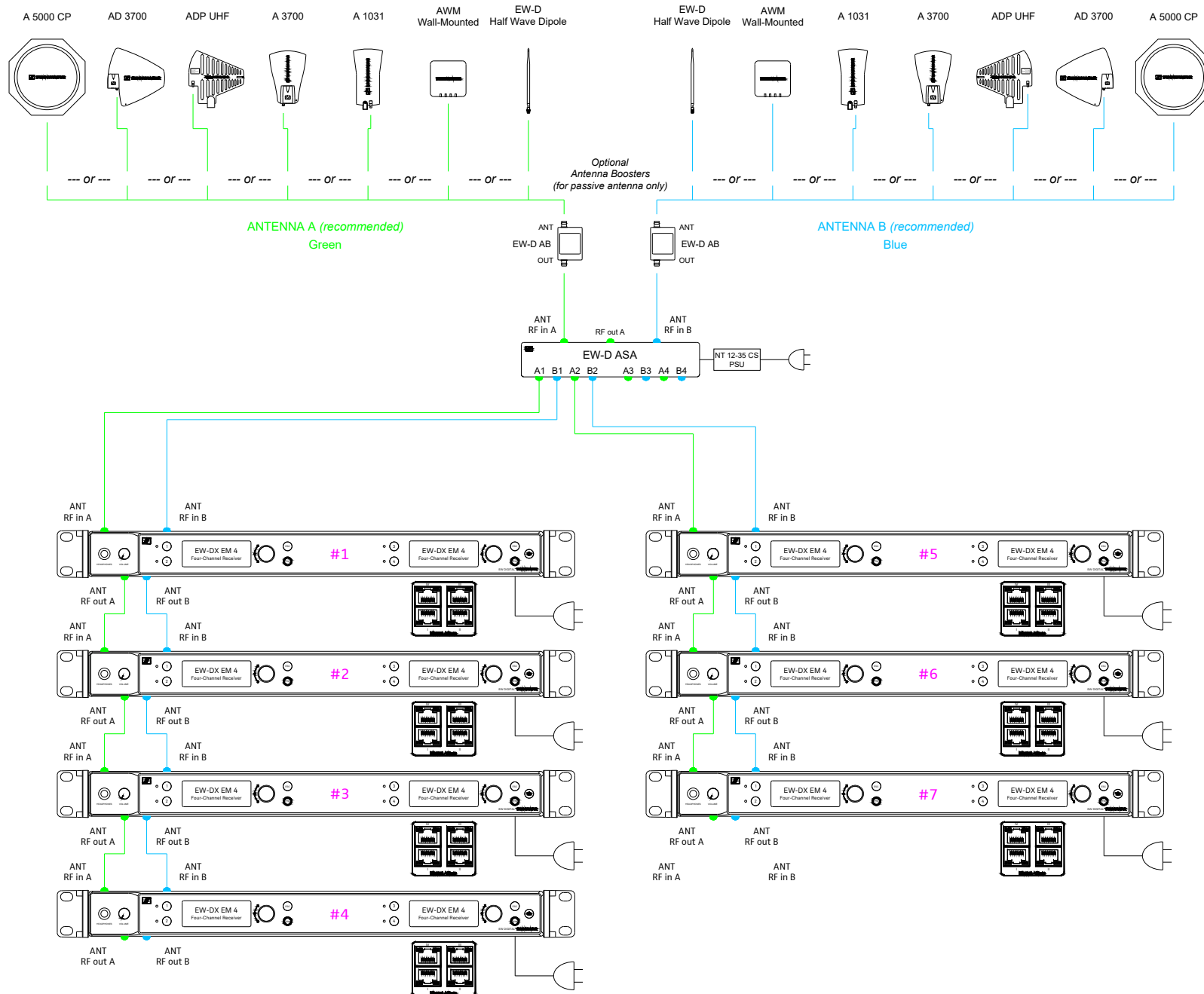
### EW-D AB & EW-D Half Wave Dipole

Q	470 - 550 MHz
R	520 - 608 MHz
S	606 - 694 MHz
U	823 - 865 MHz
V	902 - 960 MHz
Y	1785 - 1805 MHz

### AWM wall-mount antenna

UHF I	470 - 694 MHz
UHF II	823 - 1075 MHz
1G8	1785 - 1805 MHz

→ For optimal diversity operation, it is recommended to use the same antenna model and equal coax cable length on both sides



Channels 1 to 16

Channels 17 to 28

→ Please contact your local Sennheiser representative for available Evolution Wireless Digital frequency ranges in your market



## Evolution Wireless Digital WIRELESS MICROPHONE SYSTEMS

Drawing name  
EW-DX System Drawings

Revision  
1.0

Sheet title  
RF Wiring and Antenna options

Description  
EM 4 Dante; 28-Ch. System

## EM 2 Dante / EM 4 Dante Available Frequency ranges

Q1-9	470.2 - 550 MHz
R1-9	520 - 607.8 MHz
S2-10	614.2 - 693.8 MHz
U1/5	823.2 - 831.8 MHz 863.2 - 864.8 MHz
V5-7	941.7 - 951.8 MHz 953.05 - 956.05 MHz 956.65 - 959.65 MHz
Y1-3	1785.2 - 1799.8 MHz

## EW-D & EW-DX Accessories Frequency ranges

### EW-D ASA (Antenna Splitter, Active)

Q-R-S	470 - 694 MHz
T-U-V-W	694 - 1075 MHz
X-Y	1350 - 1805 MHz

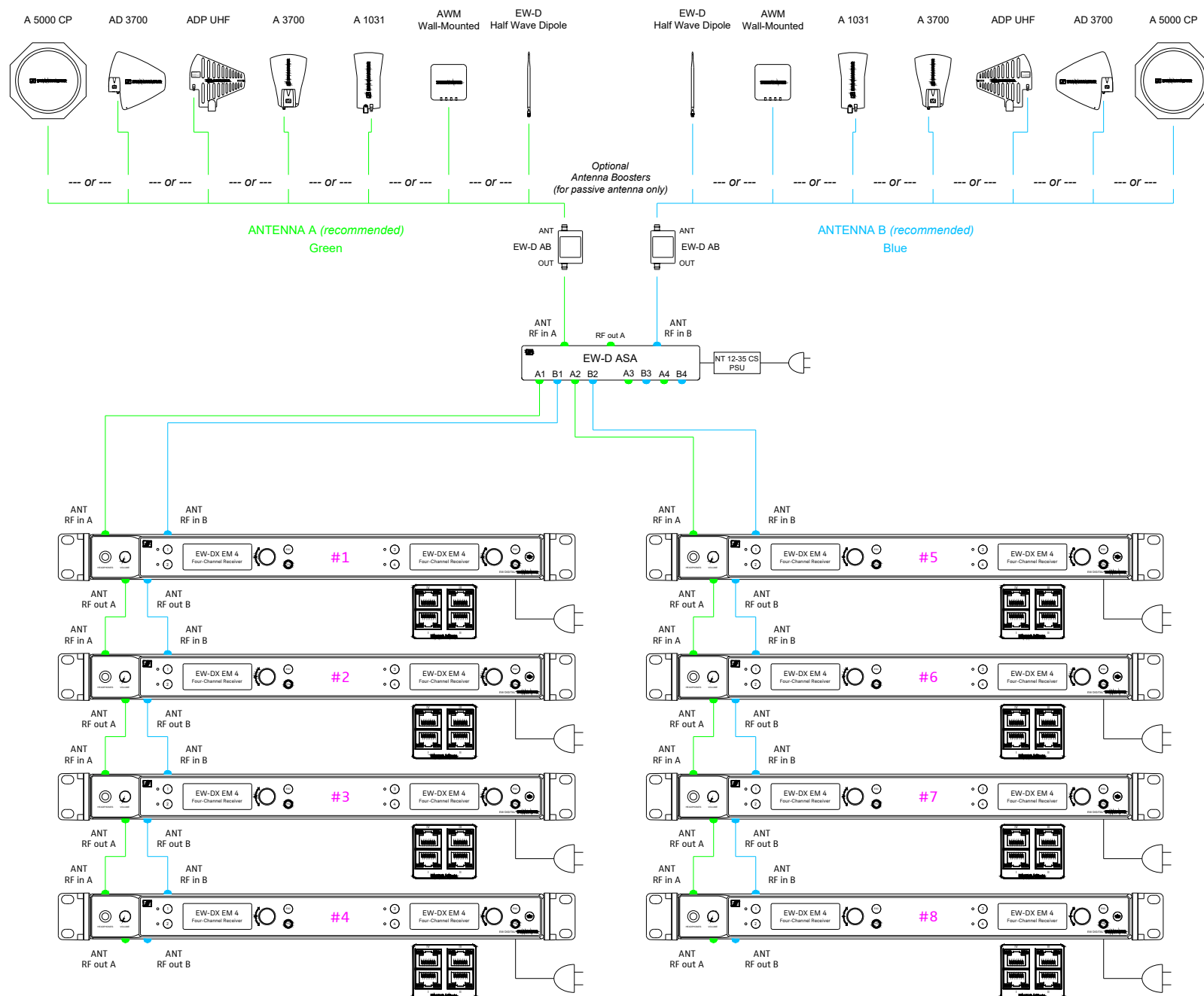
### EW-D AB & EW-D Half Wave Dipole

Q	470 - 550 MHz
R	520 - 608 MHz
S	606 - 694 MHz
U	823 - 865 MHz
V	902 - 960 MHz
Y	1785 - 1805 MHz

### AWM wall-mount antenna

UHF I	470 - 694 MHz
UHF II	823 - 1075 MHz
1G8	1785 - 1805 MHz

→ For optimal diversity operation, it is recommended to use the same antenna model and equal coax cable length on both sides



Channels 1 to 16

Channels 17 to 32

→ Please contact your local Sennheiser representative for available Evolution Wireless Digital frequency ranges in your market



## Evolution Wireless Digital WIRELESS MICROPHONE SYSTEMS

Drawing name  
EW-DX System Drawings

Revision  
1.0

Sheet title  
RF Wiring and Antenna options

Description  
EM 4 Dante; 32-Ch. System

## EM 2 Dante / EM 4 Dante Available Frequency ranges

Q1-9	470.2 - 550 MHz
R1-9	520 - 607.8 MHz
S2-10	614.2 - 693.8 MHz
U1/5	823.2 - 831.8 MHz 863.2 - 864.8 MHz
V5-7	941.7 - 951.8 MHz 953.05 - 956.05 MHz 956.65 - 959.65 MHz
Y1-3	1785.2 - 1799.8 MHz

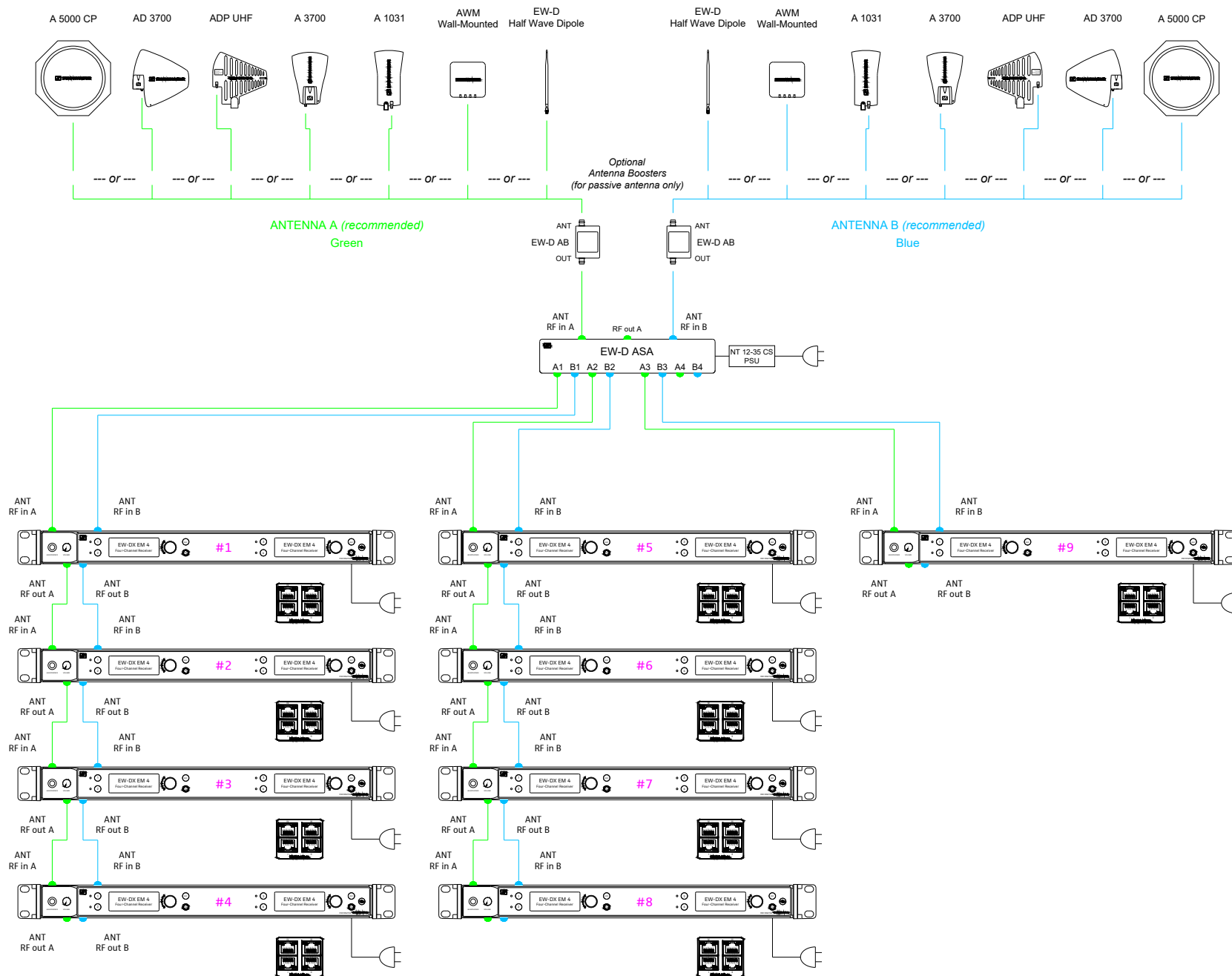
## EW-D & EW-DX Accessories Frequency ranges

EW-D ASA (Antenna Splitter, Active)	
Q-R-S	470 - 694 MHz
T-U-V-W	694 - 1075 MHz
X-Y	1350 - 1805 MHz

EW-D AB & EW-D Half Wave Dipole	
Q	470 - 550 MHz
R	520 - 608 MHz
S	606 - 694 MHz
U	823 - 865 MHz
V	902 - 960 MHz
Y	1785 - 1805 MHz

AWM wall-mount antenna	
UHF I	470 - 694 MHz
UHF II	823 - 1075 MHz
1G8	1785 - 1805 MHz

→ For optimal diversity operation, it is recommended to use the same antenna model and equal coax cable length on both sides



Channels 1 to 16

Channels 17 to 32

Channels 33 to 36

→ Please contact your local Sennheiser representative for available Evolution Wireless Digital frequency ranges in your market

## Evolution Wireless Digital WIRELESS MICROPHONE SYSTEMS

Drawing name  
EW-DX System Drawings

Revision  
1.0

Sheet title  
RF Wiring and Antenna options

Description  
EM 4 Dante; 36-Ch. System

## EM 2 Dante / EM 4 Dante Available Frequency ranges

Q1-9	470.2 - 550 MHz
R1-9	520 - 607.8 MHz
S2-10	614.2 - 693.8 MHz
U1/5	823.2 - 831.8 MHz 863.2 - 864.8 MHz
V5-7	941.7 - 951.8 MHz 953.05 - 956.05 MHz 956.65 - 959.65 MHz
Y1-3	1785.2 - 1799.8 MHz

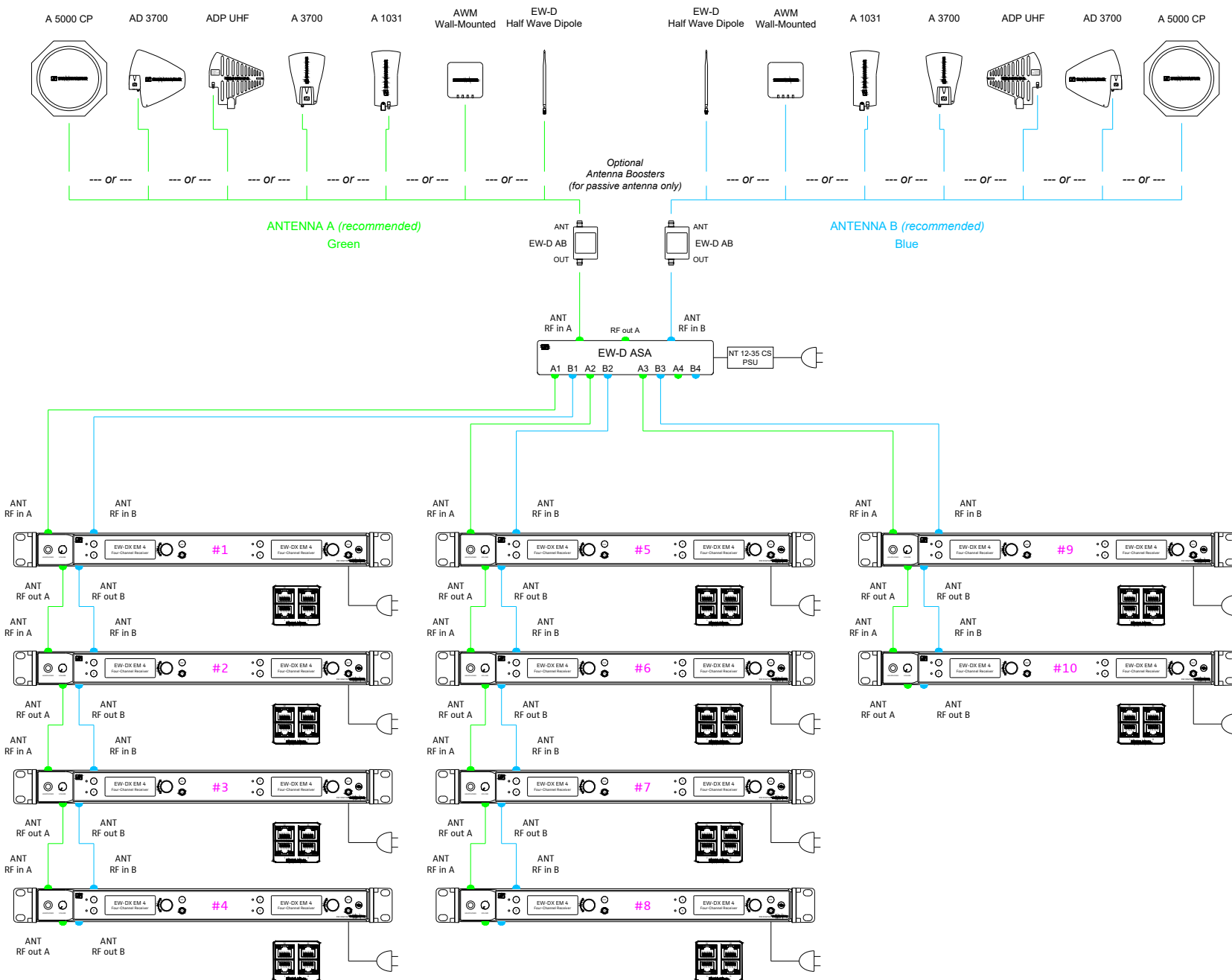
## EW-D & EW-DX Accessories Frequency ranges

EW-D ASA (Antenna Splitter, Active)	
Q-R-S	470 - 694 MHz
T-U-V-W	694 - 1075 MHz
X-Y	1350 - 1805 MHz

EW-D AB & EW-D Half Wave Dipole	
Q	470 - 550 MHz
R	520 - 608 MHz
S	606 - 694 MHz
U	823 - 865 MHz
V	902 - 960 MHz
Y	1785 - 1805 MHz

AWM wall-mount antenna	
UHF I	470 - 694 MHz
UHF II	823 - 1075 MHz
1G8	1785 - 1805 MHz

→ For optimal diversity operation, it is recommended to use the same antenna model and equal coax cable length on both sides



Channels 1 to 16

Channels 17 to 32

Channels 33 to 40

→ Please contact your local Sennheiser representative for available Evolution Wireless Digital frequency ranges in your market



## Evolution Wireless Digital WIRELESS MICROPHONE SYSTEMS

Drawing name  
EW-DX System Drawings

Revision  
1.0

Sheet title  
RF Wiring and Antenna options

Description  
EM 4 Dante; 40-Ch. System

## EM 2 Dante / EM 4 Dante Available Frequency ranges

Q1-9	470.2 - 550 MHz
R1-9	520 - 607.8 MHz
S2-10	614.2 - 693.8 MHz
U1/5	823.2 - 831.8 MHz 863.2 - 864.8 MHz
V5-7	941.7 - 951.8 MHz 953.05 - 956.05 MHz 956.65 - 959.65 MHz
Y1-3	1785.2 - 1799.8 MHz

## EW-D & EW-DX Accessories Frequency ranges

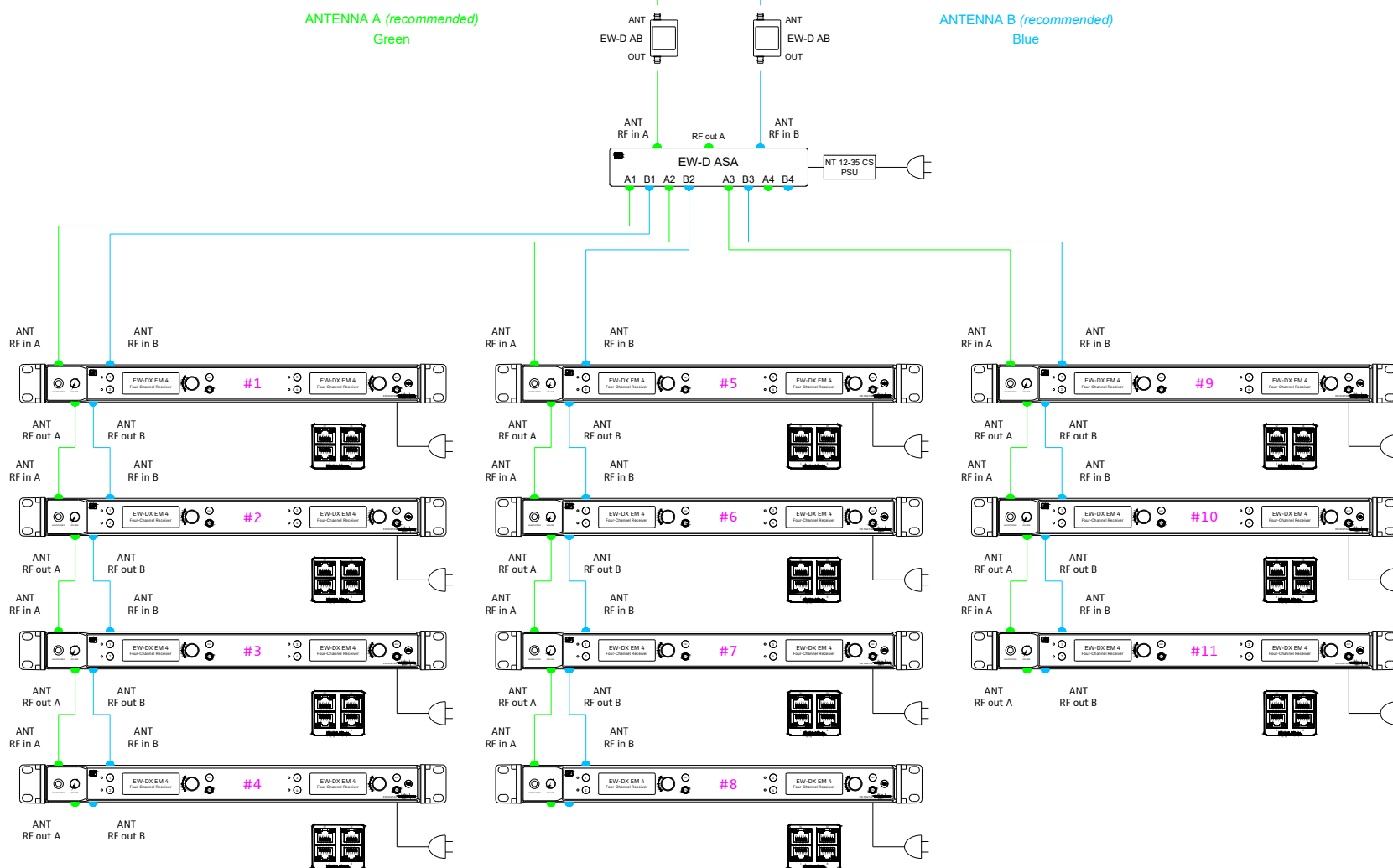
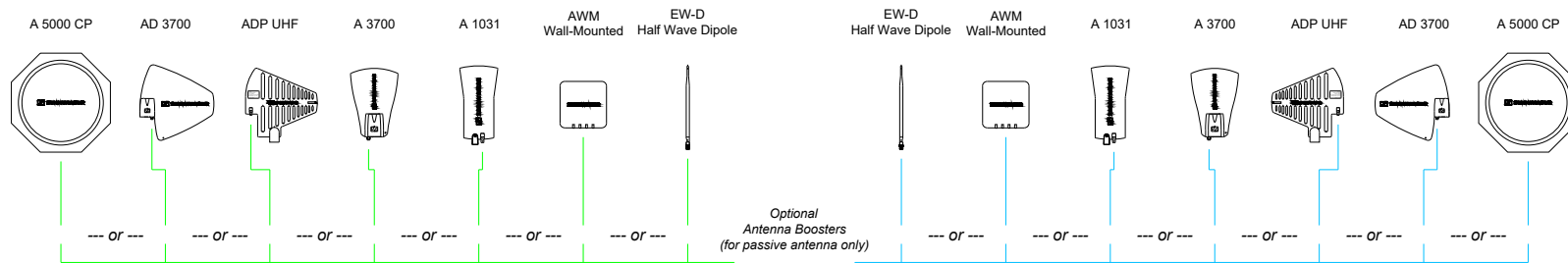
EW-D ASA (Antenna Splitter, Active)	
Q-R-S	470 - 694 MHz
T-U-V-W	694 - 1075 MHz
X-Y	1350 - 1805 MHz

EW-D AB & EW-D Half Wave Dipole	
Q	470 - 550 MHz
R	520 - 608 MHz
S	606 - 694 MHz
U	823 - 865 MHz
V	902 - 960 MHz
Y	1785 - 1805 MHz

AWM wall-mount antenna	
UHF I	470 - 694 MHz
UHF II	823 - 1075 MHz
1G8	1785 - 1805 MHz



→ For optimal diversity operation, it is recommended to use the same antenna model and equal coax cable length on both sides



Channels 1 to 16

Channels 17 to 32

Channels 33 to 44

→ Please contact your local Sennheiser representative for available Evolution Wireless Digital frequency ranges in your market

## Evolution Wireless Digital WIRELESS MICROPHONE SYSTEMS

Drawing name  
EW-DX System Drawings

Revision  
1.0

Sheet title  
RF Wiring and Antenna options

Description  
EM 4 Dante; 44-Ch. System

## EM 2 Dante / EM 4 Dante Available Frequency ranges

Q1-9	470.2 - 550 MHz
R1-9	520 - 607.8 MHz
S2-10	614.2 - 693.8 MHz
U1/5	823.2 - 831.8 MHz 863.2 - 864.8 MHz
V5-7	941.7 - 951.8 MHz 953.05 - 956.05 MHz 956.65 - 959.65 MHz
Y1-3	1785.2 - 1799.8 MHz

## EW-D & EW-DX Accessories Frequency ranges

### EW-D ASA (Antenna Splitter, Active)

Q-R-S	470 - 694 MHz
T-U-V-W	694 - 1075 MHz
X-Y	1350 - 1805 MHz

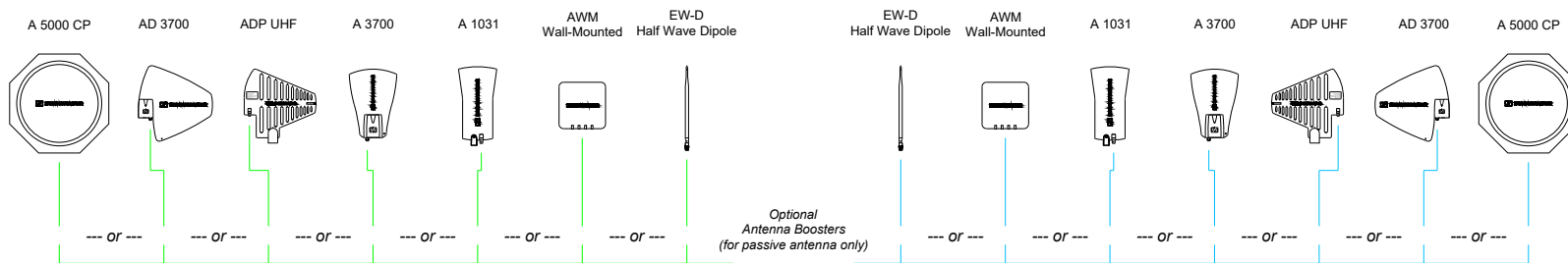
### EW-D AB & EW-D Half Wave Dipole

Q	470 - 550 MHz
R	520 - 608 MHz
S	606 - 694 MHz
U	823 - 865 MHz
V	902 - 960 MHz
Y	1785 - 1805 MHz

### AWM wall-mount antenna

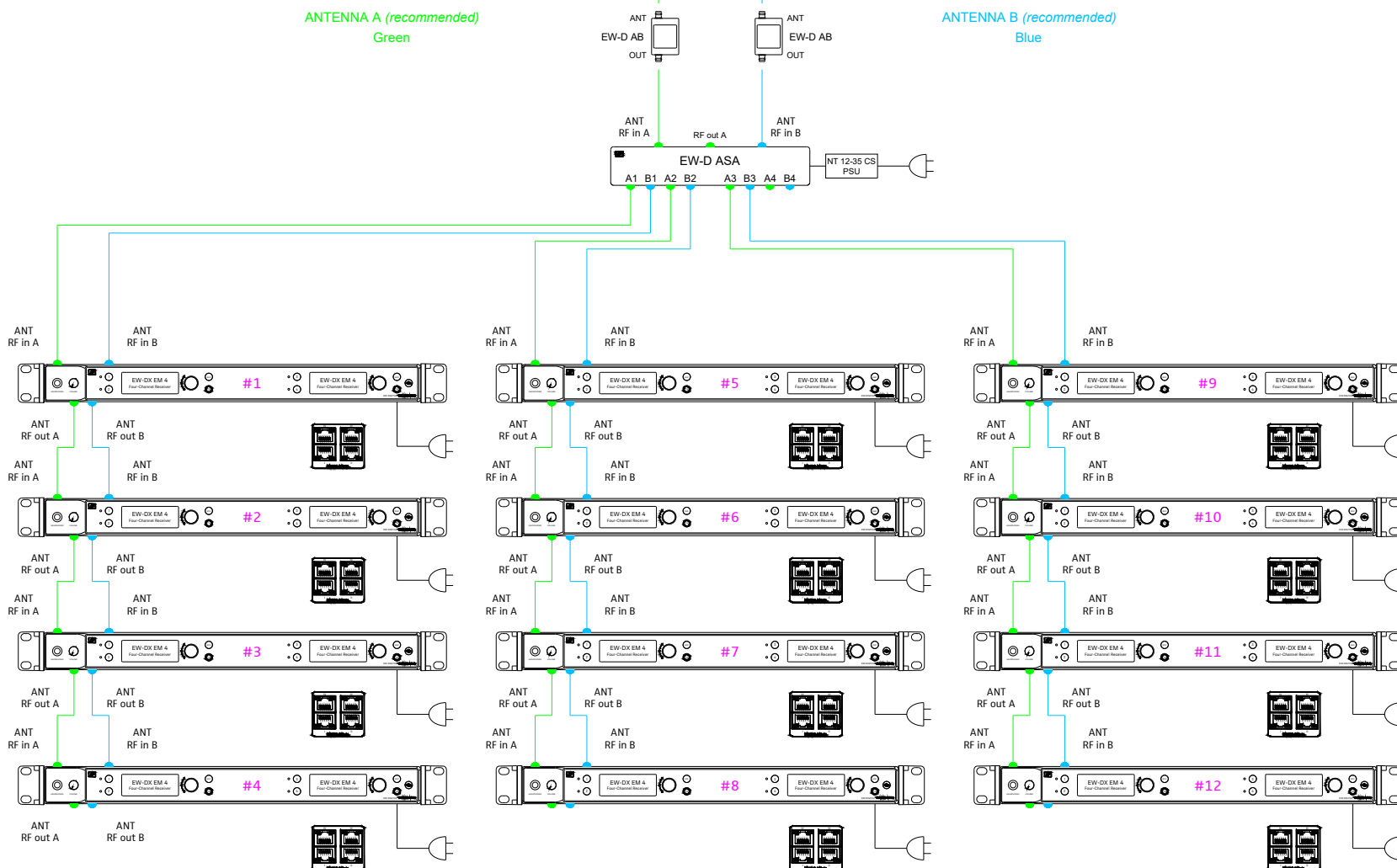
UHF I	470 - 694 MHz
UHF II	823 - 1075 MHz
1G8	1785 - 1805 MHz

→ For optimal diversity operation, it is recommended to use the same antenna model and equal coax cable length on both sides



ANTENNA A (recommended)  
Green

ANTENNA B (recommended)  
Blue



Channels 1 to 16

Channels 17 to 32

Channels 33 to 48

→ Please contact your local Sennheiser representative for available Evolution Wireless Digital frequency ranges in your market

## Evolution Wireless Digital WIRELESS MICROPHONE SYSTEMS

Drawing name  
EW-DX System Drawings

Revision  
1.0

Sheet title  
RF Wiring and Antenna options

Description  
EM 4 Dante; 48-Ch. System

## EM 2 Dante / EM 4 Dante Available Frequency ranges

Q1-9	470.2 - 550 MHz
R1-9	520 - 607.8 MHz
S2-10	614.2 - 693.8 MHz
U1/5	823.2 - 831.8 MHz 863.2 - 864.8 MHz
V5-7	941.7 - 951.8 MHz 953.05 - 956.05 MHz 956.65 - 959.65 MHz
Y1-3	1785.2 - 1799.8 MHz

## EW-D & EW-DX Accessories Frequency ranges

### EW-D ASA (Antenna Splitter, Active)

Q-R-S	470 - 694 MHz
T-U-V-W	694 - 1075 MHz
X-Y	1350 - 1805 MHz

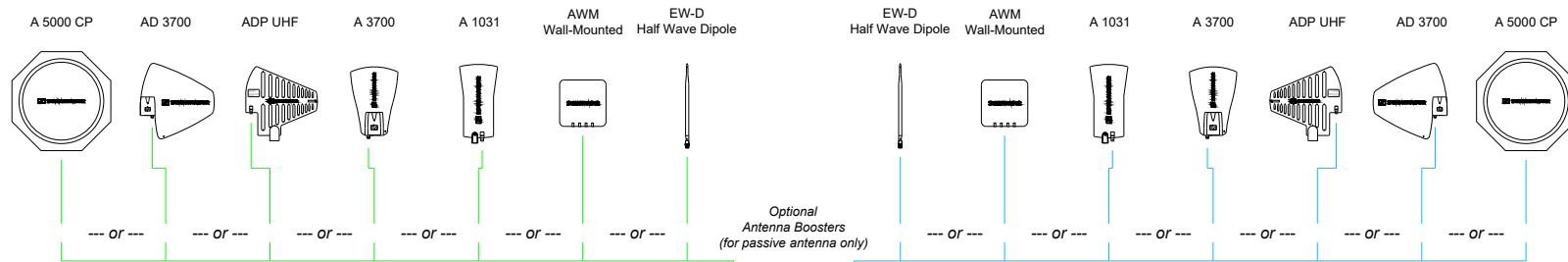
### EW-D AB & EW-D Half Wave Dipole

Q	470 - 550 MHz
R	520 - 608 MHz
S	606 - 694 MHz
U	823 - 865 MHz
V	902 - 960 MHz
Y	1785 - 1805 MHz

### AWM wall-mount antenna

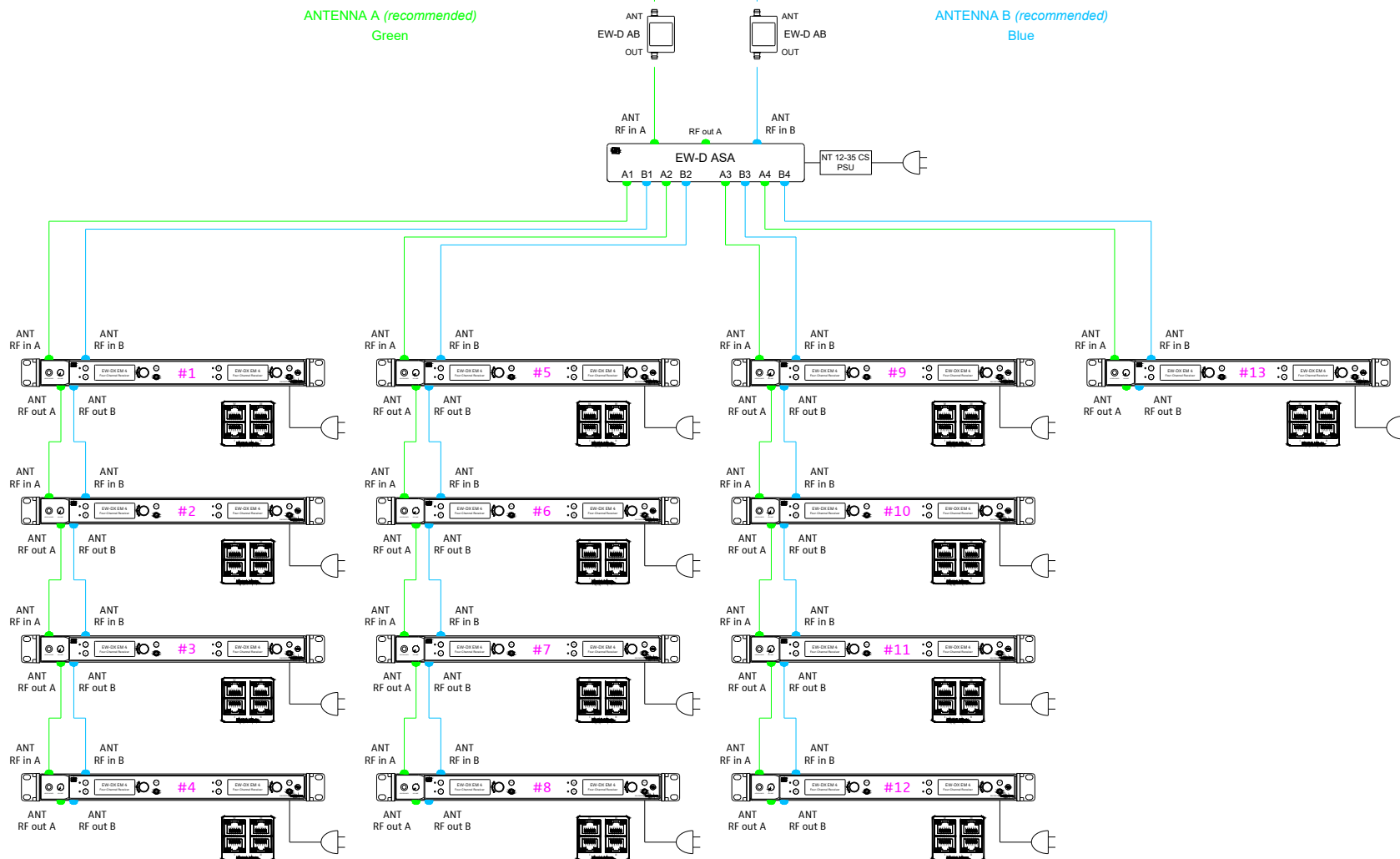
UHF I	470 - 694 MHz
UHF II	823 - 1075 MHz
1G8	1785 - 1805 MHz

→ For optimal diversity operation, it is recommended to use the same antenna model and equal coax cable length on both sides



ANTENNA A (recommended)  
Green

ANTENNA B (recommended)  
Blue



Channels 1 to 16

Channels 17 to 32

Channels 33 to 48

Channels 49 to 52

→ Please contact your local Sennheiser representative for available Evolution Wireless Digital frequency ranges in your market

## Evolution Wireless Digital

WIRELESS MICROPHONE SYSTEMS

Drawing name	Revision
EW-DX System Drawings	1.0

Sheet title  
RF Wiring and Antenna options

Description  
EM 4 Dante; 52-Ch. System

## EM 2 Dante / EM 4 Dante Available Frequency ranges

Q1-9	470.2 - 550 MHz
R1-9	520 - 607.8 MHz
S2-10	614.2 - 693.8 MHz
U1/5	823.2 - 831.8 MHz 863.2 - 864.8 MHz
V5-7	941.7 - 951.8 MHz 953.05 - 956.05 MHz 956.65 - 959.65 MHz
Y1-3	1785.2 - 1799.8 MHz

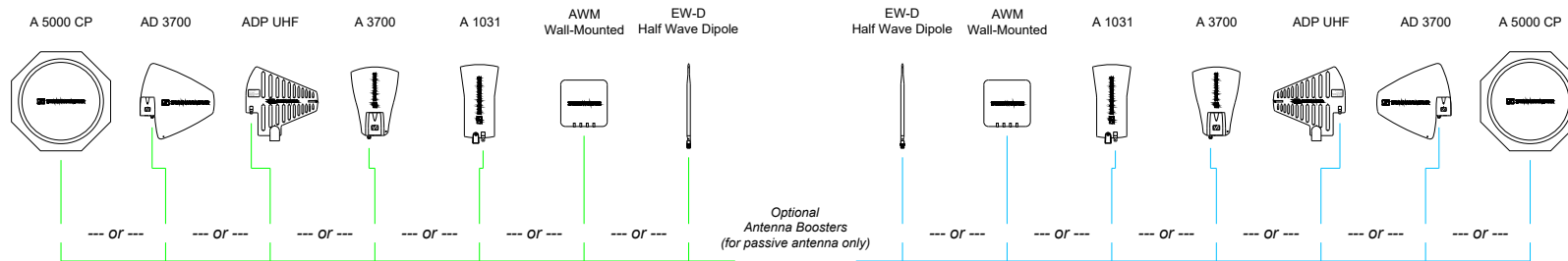
## EW-D & EW-DX Accessories Frequency ranges

EW-D ASA (Antenna Splitter, Active)	
Q-R-S	470 - 694 MHz
T-U-V-W	694 - 1075 MHz
X-Y	1350 - 1805 MHz

EW-D AB & EW-D Half Wave Dipole	
Q	470 - 550 MHz
R	520 - 608 MHz
S	606 - 694 MHz
U	823 - 865 MHz
V	902 - 960 MHz
Y	1785 - 1805 MHz

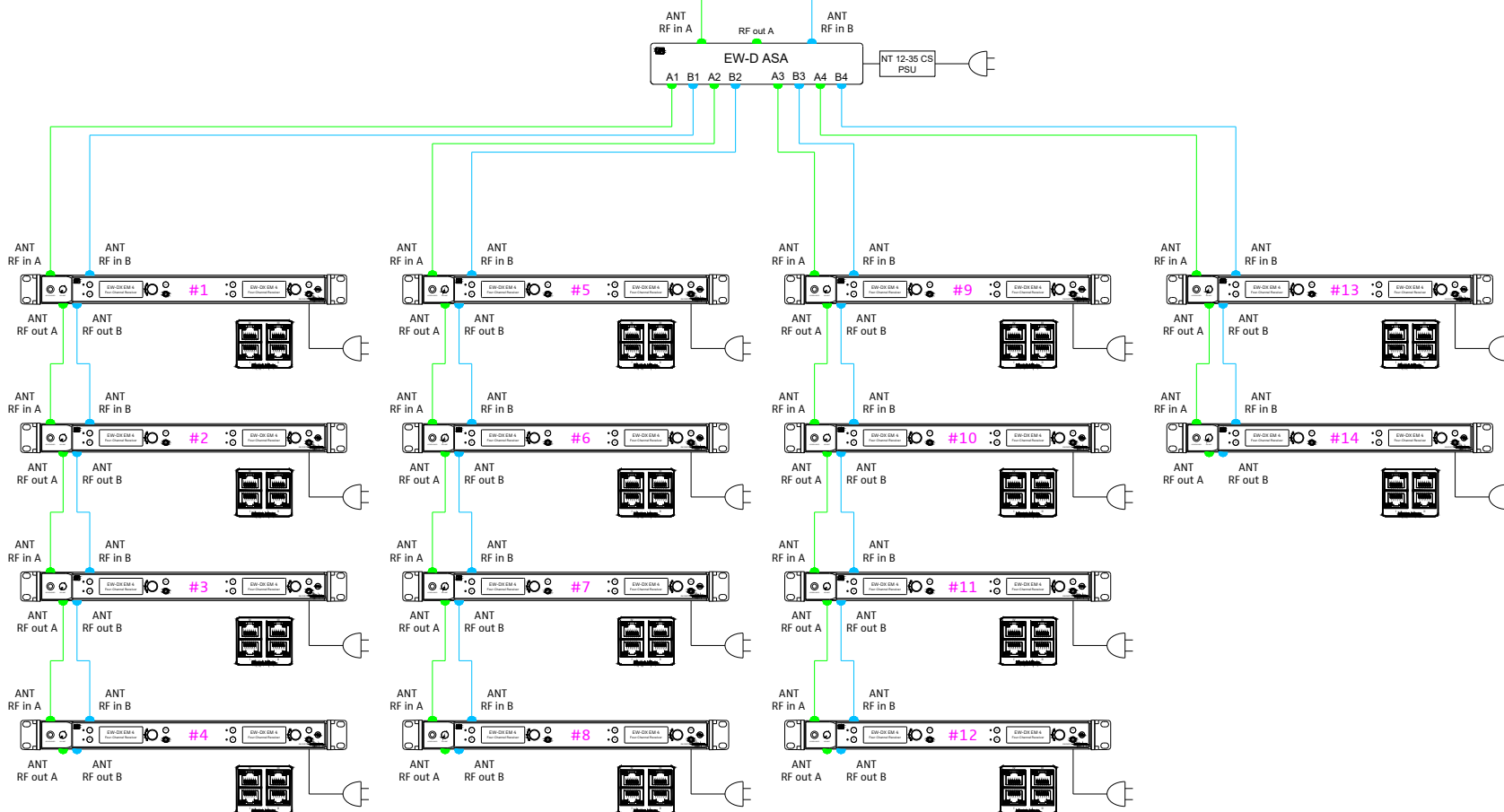
AWM wall-mount antenna	
UHF I	470 - 694 MHz
UHF II	823 - 1075 MHz
1G8	1785 - 1805 MHz

→ For optimal diversity operation, it is recommended to use the same antenna model and equal coax cable length on both sides



ANTENNA A (recommended)  
Green

ANTENNA B (recommended)  
Blue



Channels 1 to 16

Channels 17 to 32

Channels 33 to 48

Channels 49 to 56

→ Please contact your local Sennheiser representative for available Evolution Wireless Digital frequency ranges in your market

## Evolution Wireless Digital

WIRELESS MICROPHONE SYSTEMS

Drawing name	Revision
EW-DX System Drawings	1.0

Sheet title  
RF Wiring and Antenna options

Description  
EM 4 Dante; 56-Ch. System

## EM 2 Dante / EM 4 Dante Available Frequency ranges

Q1-9	470.2 - 550 MHz
R1-9	520 - 607.8 MHz
S2-10	614.2 - 693.8 MHz
U1/5	823.2 - 831.8 MHz 863.2 - 864.8 MHz
V5-7	941.7 - 951.8 MHz 953.05 - 956.05 MHz 956.65 - 959.65 MHz
Y1-3	1785.2 - 1799.8 MHz

## EW-D & EW-DX Accessories Frequency ranges

### EW-D ASA (Antenna Splitter, Active)

Q-R-S	470 - 694 MHz
T-U-V-W	694 - 1075 MHz
X-Y	1350 - 1805 MHz

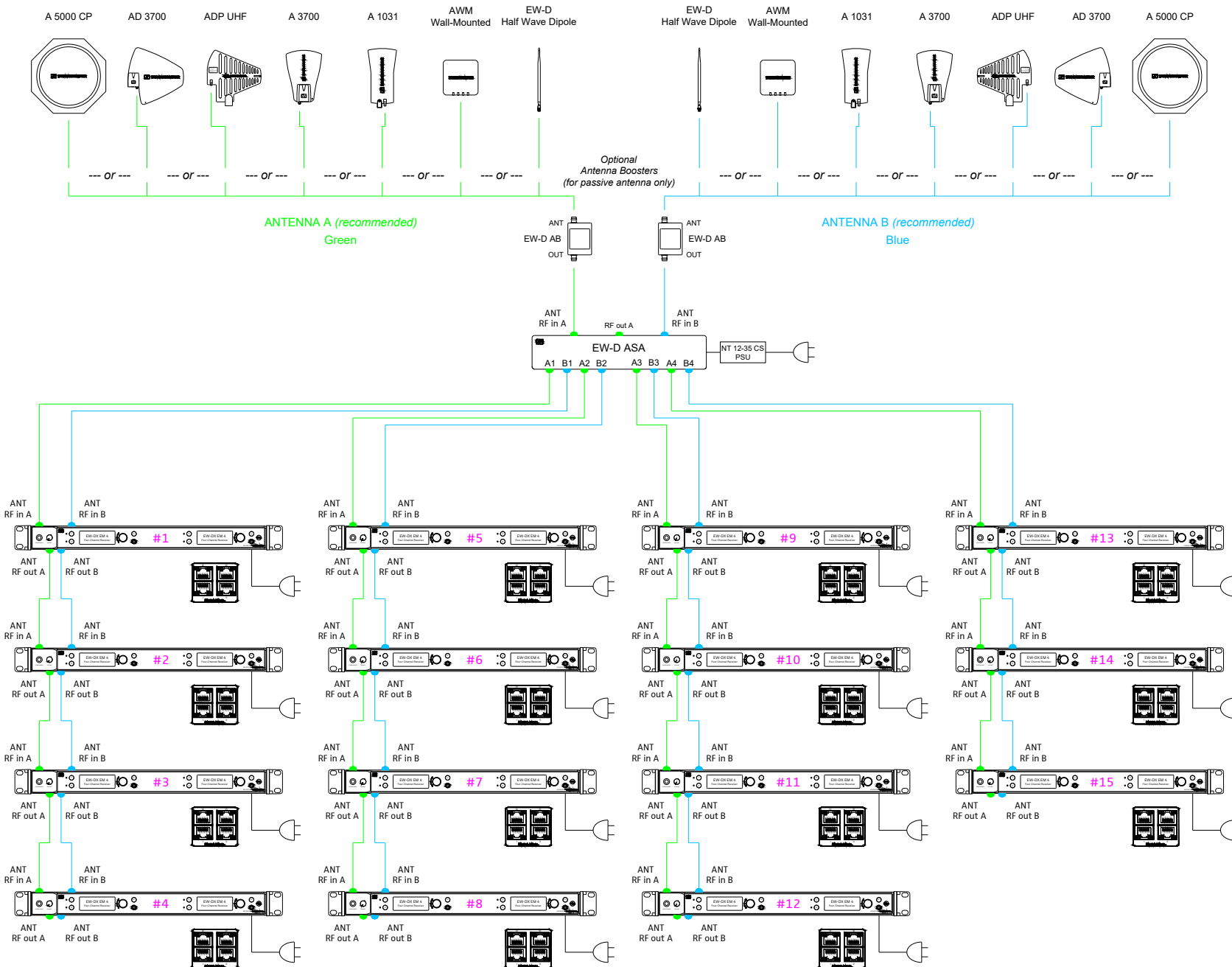
### EW-D AB & EW-D Half Wave Dipole

Q	470 - 550 MHz
R	520 - 608 MHz
S	606 - 694 MHz
U	823 - 865 MHz
V	902 - 960 MHz
Y	1785 - 1805 MHz

### AWM wall-mount antenna

UHF I	470 - 694 MHz
UHF II	823 - 1075 MHz
1G8	1785 - 1805 MHz

→ For optimal diversity operation, it is recommended to use the same antenna model and equal coax cable length on both sides



## Evolution Wireless Digital

WIRELESS MICROPHONE SYSTEMS

Drawing name	Revision
EW-DX System Drawings	1.0

Sheet title  
RF Wiring and Antenna options

Description  
EM 4 Dante; 60-Ch. System

## EM 2 Dante / EM 4 Dante Available Frequency ranges

Q1-9	470.2 - 550 MHz
R1-9	520 - 607.8 MHz
S2-10	614.2 - 693.8 MHz
U1/5	823.2 - 831.8 MHz 863.2 - 864.8 MHz
V5-7	941.7 - 951.8 MHz 953.05 - 956.05 MHz 956.65 - 959.65 MHz
Y1-3	1785.2 - 1799.8 MHz

## EW-D & EW-DX Accessories Frequency ranges

### EW-D ASA (Antenna Splitter, Active)

Q-R-S	470 - 694 MHz
T-U-V-W	694 - 1075 MHz
X-Y	1350 - 1805 MHz

### EW-D AB & EW-D Half Wave Dipole

Q	470 - 550 MHz
R	520 - 608 MHz
S	606 - 694 MHz
U	823 - 865 MHz
V	902 - 960 MHz
Y	1785 - 1805 MHz

### AWM wall-mount antenna

UHF I	470 - 694 MHz
UHF II	823 - 1075 MHz
1G8	1785 - 1805 MHz

Channels 1 to 16

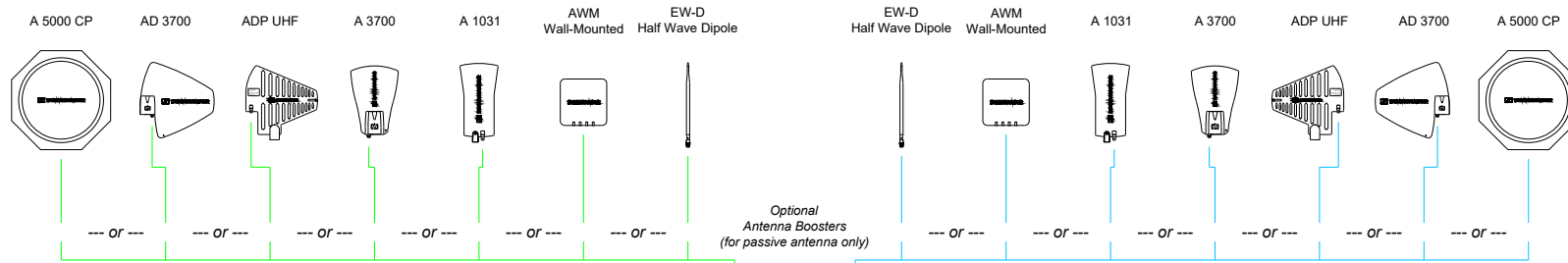
Channels 17 to 32

Channels 33 to 48

Channels 49 to 60

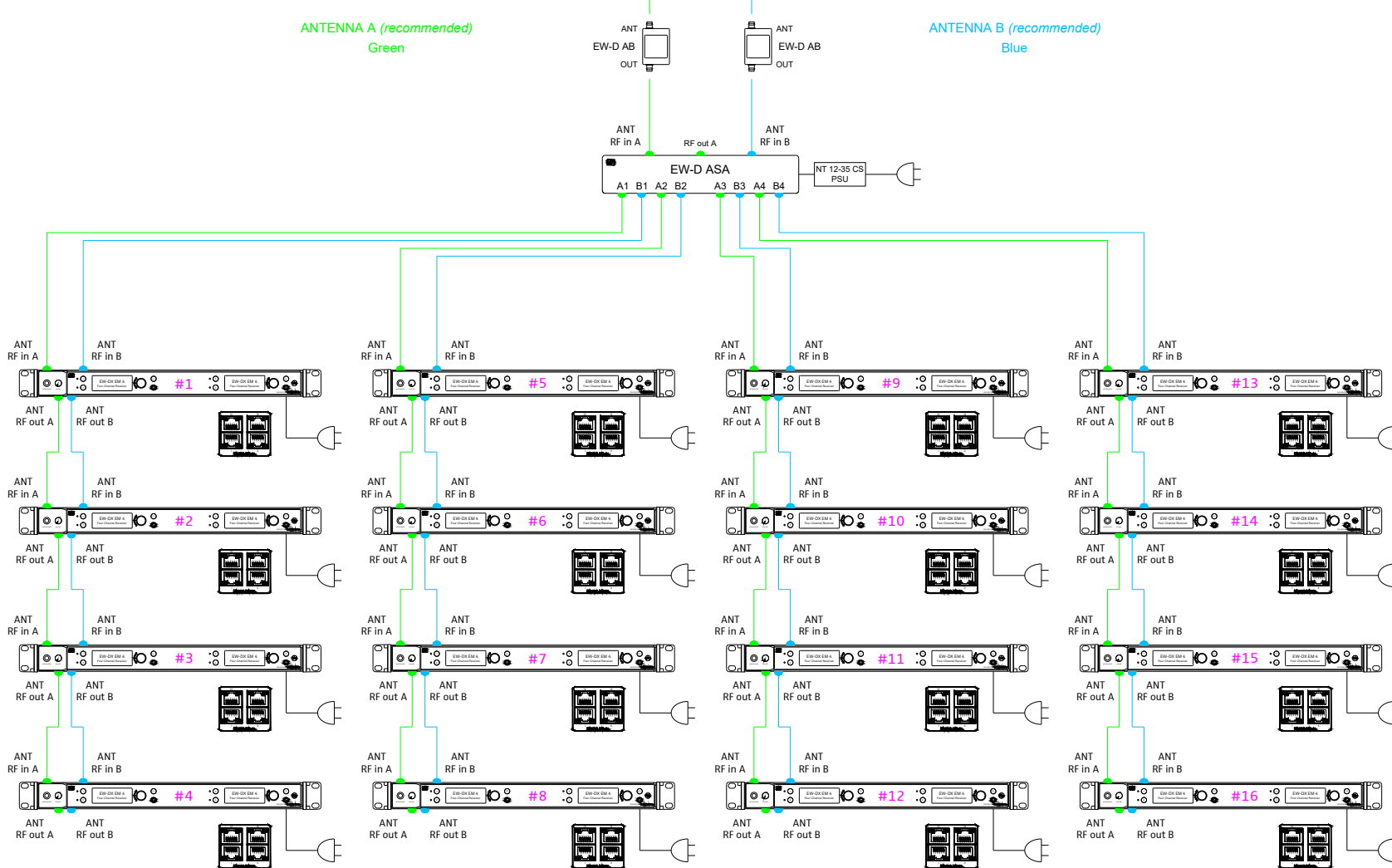
→ Please contact your local Sennheiser representative for available Evolution Wireless Digital frequency ranges in your market

→ For optimal diversity operation, it is recommended to use the same antenna model and equal coax cable length on both sides



ANTENNA A (recommended)  
Green

ANTENNA B (recommended)  
Blue



Channels 1 to 16

Channels 17 to 32

Channels 33 to 48

Channels 49 to 64

→ Please contact your local Sennheiser representative for available Evolution Wireless Digital frequency ranges in your market

## Evolution Wireless Digital

WIRELESS MICROPHONE SYSTEMS

Drawing name  
EW-DX System Drawings

Revision  
1.0

Sheet title  
RF Wiring and Antenna options

Description  
EM 4 Dante; 64-Ch. System

## EM 2 Dante / EM 4 Dante Available Frequency ranges

Q1-9	470.2 - 550 MHz
R1-9	520 - 607.8 MHz
S2-10	614.2 - 693.8 MHz
U1/5	823.2 - 831.8 MHz 863.2 - 864.8 MHz
V5-7	941.7 - 951.8 MHz 953.05 - 956.05 MHz 956.65 - 959.65 MHz
Y1-3	1785.2 - 1799.8 MHz

## EW-D & EW-DX Accessories Frequency ranges

### EW-D ASA (Antenna Splitter, Active)

Q-R-S	470 - 694 MHz
T-U-V-W	694 - 1075 MHz
X-Y	1350 - 1805 MHz

### EW-D AB & EW-D Half Wave Dipole

Q	470 - 550 MHz
R	520 - 608 MHz
S	606 - 694 MHz
U	823 - 865 MHz
V	902 - 960 MHz
Y	1785 - 1805 MHz

### AWM wall-mount antenna

UHF I	470 - 694 MHz
UHF II	823 - 1075 MHz
1G8	1785 - 1805 MHz