

Satellite	Space Agency	Launch	End Of Life	Service	Direction	Frequency (MHz)	Bandwidth (kHz)	Polarisation	Data rate	Dead/Active	Comment
COMS	KMA	2010-06-26	2021-04-01	CDAS	S-E	1687 MHz	6000 kHz	linear	6000 kbit/s	D	Raw data
COMS	KMA	2010-06-26	2021-04-01	HRIT	S-E	2040.9 MHz	5200 kHz	RHCP	3000 kbit/s	D	High resolution data
COMS	KMA	2010-06-26	2021-04-01	HRIT	S-E	1695.4 MHz	5200 kHz	linear	3000 kbit/s	D	High resolution data
COMS	KMA	2010-06-26	2021-04-01	LRIT	S-E	2037.64 MHz	1000 kHz	RHCP	512 kbit/s	D	Selected data
COMS	KMA	2010-06-26	2021-04-01	LRIT	S-E	1692.14 MHz	1000 kHz	linear	512 kbit/s	D	Selected data
COSMIC-1	NSPO	2006-04-14	2020-05-06	TM & Raw Data	S-E	221.5 MHz	4560 kHz	RHCP	2000 kbit/s	D	Telemetry, sensor data
COSMIC-1	NSPO	2006-04-14	2020-05-06	TM & Raw Data	S-E	221.5 MHz	64 kHz	RHCP	36.48 kbit/s	D	Telemetry, sensor data
COSMIC-2	NSPO	2019-06-25	≥2026	TM & Raw Data	S-E	2264 MHz	4000 kHz	RHCP	2048 kbit/s	D	Telemetry, sensor data
COSMIC-2	NSPO	2019-06-25	≥2026	TM & Raw Data	S-E	2264 MHz	64 kHz	RHCP	36.48 kbit/s	D	Telemetry, sensor data
COSMIC-2b	NSPO	TBD	TBD	TM & Raw Data	S-E	2264 MHz	2000 kHz	RHCP		D	Telemetry, sensor data
COSMIC-2b	NSPO	TBD	TBD	TM & Raw Data	S-E	2264 MHz	32 kHz	RHCP		D	Telemetry, sensor data
DSCOVR	NOAA	2015-02-11	≥2026	TM & Raw Data	S-E	221.5 MHz	1150 kHz	linear	120 kbit/s	D	Telemetry and raw data
Electro-L N1	RosHydroMet	2011-01-20	2016	RDAS	S-E	7500 MHz	73000 kHz	RHCP	2560 kbit/s	D	Raw data
Electro-L N1	RosHydroMet	2011-01-20	2016	RDAS	S-E	7500 MHz	73000 kHz	RHCP	15360 kbit/s	D	Raw data
Electro-L N1	RosHydroMet	2011-01-20	2016	RDAS	S-E	7500 MHz	73000 kHz	RHCP	30720 kbit/s	D	Raw data
Electro-L N1	RosHydroMet	2011-01-20	2016	HRIT/LRIT/MLTP	E-S	8195 MHz	32000 kHz	LHCP	64 kbit/s	D	Processed images and information
Electro-L N1	RosHydroMet	2011-01-20	2016	HRIT/LRIT/MLTP	E-S	8195 MHz	32000 kHz	LHCP	128 kbit/s	D	Processed images and information
Electro-L N1	RosHydroMet	2011-01-20	2016	HRIT/LRIT/MLTP	E-S	8195 MHz	32000 kHz	LHCP	665.4 kbit/s	D	Processed images and information
Electro-L N1	RosHydroMet	2011-01-20	2016	HRIT/LRIT/MLTP	E-S	8195 MHz	32000 kHz	LHCP	1000 kbit/s	D	Processed images and information
Electro-L N1	RosHydroMet	2011-01-20	2016	HRIT/LRIT/MLTP	E-S	8195 MHz	32000 kHz	LHCP	2560 kbit/s	D	Processed images and information
Electro-L N1	RosHydroMet	2011-01-20	2016	HRIT/LRIT/MLTP	E-S	8195 MHz	32000 kHz	LHCP	15360 kbit/s	D	Processed images and information
Electro-L N1	RosHydroMet	2011-01-20	2016	HRIT	S-E	1691 MHz	2000 kHz	RHCP	665.4 kbit/s	D	High resolution data and information
Electro-L N1	RosHydroMet	2011-01-20	2016	HRIT	S-E	1693 MHz	2000 kHz	RHCP	665.4 kbit/s	D	High resolution data and information
Electro-L N1	RosHydroMet	2011-01-20	2016	HRIT	S-E	1691 MHz	2000 kHz	RHCP	1000 kbit/s	D	High resolution data and information
Electro-L N1	RosHydroMet	2011-01-20	2016	HRIT	S-E	1693 MHz	2000 kHz	RHCP	1000 kbit/s	D	High resolution data and information
Electro-L N1	RosHydroMet	2011-01-20	2016	LRIT	S-E	1691 MHz	200 kHz	RHCP	64 kbit/s	D	Low resolution data and information
Electro-L N1	RosHydroMet	2011-01-20	2016	LRIT	S-E	1691 MHz	200 kHz	RHCP	128 kbit/s	D	Low resolution data and information
Electro-L N1	RosHydroMet	2011-01-20	2016	DCS	E-S	401.5 - 402.5 MHz	3 kHz	RHCP	1200 kbit/s	D	Regional & International DCP reports
Electro-L N1	RosHydroMet	2011-01-20	2016	DCS	E-S	401.5 - 402.5 MHz	3 kHz	RHCP	0.400 kbit/s	D	Regional & International DCP reports
Electro-L N1	RosHydroMet	2011-01-20	2016	DCS	E-S	401.5 - 402.5 MHz	3 kHz	RHCP	0.100 kbit/s	D	Regional & International DCP reports
Electro-L N1	RosHydroMet	2011-01-20	2016	DCSA	S-E	1696.4 MHz	2000 kHz	linear	1.200 kbit/s	D	DCP report relay
Electro-L N1	RosHydroMet	2011-01-20	2016	DCSA	S-E	1697 MHz	2000 kHz	linear	1.200 kbit/s	D	DCP report relay
Electro-L N1	RosHydroMet	2011-01-20	2016	DCSA	S-E	1696.4 MHz	400 kHz	linear	0.100 kbit/s	D	DCP report relay
Electro-L N1	RosHydroMet	2011-01-20	2016	DCSA	S-E	1697 MHz	400 kHz	linear	0.100 kbit/s	D	DCP report relay
Electro-L N2	RosHydroMet	2015-12-11	≥2025	RDAS	S-E	7500 MHz	73000 kHz	RHCP	2560 kbit/s	D	Raw data
Electro-L N2	RosHydroMet	2015-12-11	≥2025	RDAS	S-E	7500 MHz	73000 kHz	RHCP	15360 kbit/s	D	Raw data
Electro-L N2	RosHydroMet	2015-12-11	≥2025	RDAS	S-E	7500 MHz	73000 kHz	RHCP	30720 kbit/s	D	Raw data
Electro-L N2	RosHydroMet	2015-12-11	≥2025	HRIT/LRIT/MLTP	E-S	8195 MHz	32000 kHz	LHCP	64 kbit/s	D	Processed images and information
Electro-L N2	RosHydroMet	2015-12-11	≥2025	HRIT/LRIT/MLTP	E-S	8195 MHz	32000 kHz	LHCP	128 kbit/s	D	Processed images and information
Electro-L N2	RosHydroMet	2015-12-11	≥2025	HRIT/LRIT/MLTP	E-S	8195 MHz	32000 kHz	LHCP	665.4 kbit/s	D	Processed images and information
Electro-L N2	RosHydroMet	2015-12-11	≥2025	HRIT/LRIT/MLTP	E-S	8195 MHz	32000 kHz	LHCP	1000 kbit/s	D	Processed images and information
Electro-L N2	RosHydroMet	2015-12-11	≥2025	HRIT/LRIT/MLTP	E-S	8195 MHz	32000 kHz	LHCP	2560 kbit/s	D	Processed images and information
Electro-L N2	RosHydroMet	2015-12-11	≥2025	HRIT	S-E	1691 MHz	2000 kHz	RHCP	665.4 kbit/s	D	High resolution data and information
Electro-L N2	RosHydroMet	2015-12-11	≥2025	HRIT	S-E	1693 MHz	2000 kHz	RHCP	665.4 kbit/s	D	High resolution data and information
Electro-L N2	RosHydroMet	2015-12-11	≥2025	HRIT	S-E	1691 MHz	2000 kHz	RHCP	1000 kbit/s	D	High resolution data and information
Electro-L N2	RosHydroMet	2015-12-11	≥2025	HRIT	S-E	1693 MHz	2000 kHz	RHCP	1000 kbit/s	D	High resolution data and information
Electro-L N2	RosHydroMet	2015-12-11	≥2025	LRIT	S-E	1691 MHz	200 kHz	RHCP	64 kbit/s	D	Low resolution data and information
Electro-L N2	RosHydroMet	2015-12-11	≥2025	LRIT	S-E	1691 MHz	200 kHz	RHCP	128 kbit/s	D	Low resolution data and information
Electro-L N2	RosHydroMet	2015-12-11	≥2025	DCS	E-S	401.5 - 402.5 MHz	3 kHz	RHCP	1.200 kbit/s	D	Regional & International DCP reports
Electro-L N2	RosHydroMet	2015-12-11	≥2025	DCS	E-S	401.5 - 402.5 MHz	3 kHz	RHCP	0.400 kbit/s	D	Regional & International DCP reports
Electro-L N2	RosHydroMet	2015-12-11	≥2025	DCS	E-S	401.5 - 402.5 MHz	3 kHz	RHCP	0.100 kbit/s	D	Regional & International DCP reports
Electro-L N2	RosHydroMet	2015-12-11	≥2025	DCSA	S-E	1696.4 MHz	2000 kHz	linear	1.200 kbit/s	D	DCP report relay
Electro-L N2	RosHydroMet	2015-12-11	≥2025	DCSA	S-E	1697 MHz	2000 kHz	linear	1.200 kbit/s	D	DCP report relay
Electro-L N2	RosHydroMet	2015-12-11	≥2025	DCSA	S-E	1696.4 MHz	400 kHz	linear	0.100 kbit/s	D	DCP report relay
Electro-L N2	RosHydroMet	2015-12-11	≥2025	DCSA	S-E	1697 MHz	400 kHz	linear	0.100 kbit/s	D	DCP report relay
Electro-L N3	RosHydroMet	2019-12-24	≥2029	RDAS	S-E	7500 MHz	73000 kHz	RHCP	2560 kbit/s	D	Raw data
Electro-L N3	RosHydroMet	2019-12-24	≥2029	RDAS	S-E	7500 MHz	73000 kHz	RHCP	15360 kbit/s	D	Raw data
Electro-L N3	RosHydroMet	2019-12-24	≥2029	RDAS	S-E	7500 MHz	73000 kHz	RHCP	30720 kbit/s	D	Raw data
Electro-L N3	RosHydroMet	2019-12-24	≥2029	HRIT/LRIT/MLTP	E-S	8195 MHz	32000 kHz	LHCP	64 kbit/s	D	Processed images and information
Electro-L N3	RosHydroMet	2019-12-24	≥2029	HRIT/LRIT/MLTP	E-S	8195 MHz	32000 kHz	LHCP	128 kbit/s	D	Processed images and information
Electro-L N3	RosHydroMet	2019-12-24	≥2029	HRIT/LRIT/MLTP	E-S	8195 MHz	32000 kHz	LHCP	665.4 kbit/s	D	Processed images and information
Electro-L N3	RosHydroMet	2019-12-24	≥2029	HRIT/LRIT/MLTP	E-S	8195 MHz	32000 kHz	LHCP	1000 kbit/s	D	Processed images and information
Electro-L N3	RosHydroMet	2019-12-24	≥2029	HRIT/LRIT/MLTP	E-S	8195 MHz	32000 kHz	LHCP	2560 kbit/s	D	Processed images and information
Electro-L N3	RosHydroMet	2019-12-24	≥2029	HRIT	S-E	1691 MHz	2000 kHz	RHCP	665.4 kbit/s	D	High resolution data and information
Electro-L N3	RosHydroMet	2019-12-24	≥2029	HRIT	S-E	1693 MHz	2000 kHz	RHCP	665.4 kbit/s	D	High resolution data and information
Electro-L N3	RosHydroMet	2019-12-24	≥2029	HRIT	S-E	1691 MHz	2000 kHz	RHCP	1000 kbit/s	D	High resolution data and information
Electro-L N3	RosHydroMet	2019-12-24	≥2029	HRIT	S-E	1693 MHz	2000 kHz	RHCP	1000 kbit/s	D	High resolution data and information



FY-2B	CMA	2000-06-25	2004	Ranging	E-S	2044.5 MHz	1000 kHz	linear	500 kbit/s	D	Backup station
FY-2B	CMA	2000-06-25	2004	Ranging	S-E	1684.5 MHz	1000 kHz	linear	500 kbit/s	D	Backup station
FY-2C	CMA	2004-10-19	2009-11-23	CDAS	S-E	1681.6 MHz	20000 kHz	linear	14000 kbit/s	D	Raw data
FY-2C	CMA	2004-10-19	2009-11-23	S-VISSR	E-S	2047.5 MHz	2000 kHz	linear	660 kbit/s	D	High-resolution data
FY-2C	CMA	2004-10-19	2009-11-23	S-VISSR	S-E	1687.5 MHz	2000 kHz	linear	660 kbit/s	D	High-resolution data
FY-2C	CMA	2004-10-19	2009-11-23	LRIT	E-S	2051 MHz	260 kHz	linear	150 kbit/s	D	Selected data
FY-2C	CMA	2004-10-19	2009-11-23	LRIT	S-E	1690.5 MHz	1000 kHz	linear	150 kbit/s	D	Selected data
FY-2C	CMA	2004-10-19	2009-11-23	DCP	E-S	401.1 - 401.4 MHz	3 kHz	RHCP	0.600 kbit/s	D	Regional DCP reports
FY-2C	CMA	2004-10-19	2009-11-23	DCP	E-S	402 - 402.1 MHz	3 kHz	RHCP	0.100 kbit/s	D	International DCP reports
FY-2C	CMA	2004-10-19	2009-11-23	Ranging	E-S	2050.5 MHz	1000 kHz	linear	500 kbit/s	D	Primary station
FY-2C	CMA	2004-10-19	2009-11-23	Ranging	S-E	1690.5 MHz	1000 kHz	linear	500 kbit/s	D	Primary station
FY-2C	CMA	2004-10-19	2009-11-23	Ranging	E-S	2046.5 MHz	1000 kHz	linear	500 kbit/s	D	Secondary station
FY-2C	CMA	2004-10-19	2009-11-23	Ranging	S-E	1686.5 MHz	1000 kHz	linear	500 kbit/s	D	Secondary station
FY-2C	CMA	2004-10-19	2009-11-23	Ranging	E-S	2044.5 MHz	1000 kHz	linear	500 kbit/s	D	Backup station
FY-2C	CMA	2004-10-19	2009-11-23	Ranging	S-E	1684.5 MHz	1000 kHz	linear	500 kbit/s	D	Backup station
FY-2D	CMA	2006-12-08	2015	CDAS	S-E	1681.6 MHz	20000 kHz	linear	14000 kbit/s	D	Raw data
FY-2D	CMA	2006-12-08	2015	S-VISSR	E-S	2047.5 MHz	2000 kHz	linear	660 kbit/s	D	High-resolution data
FY-2D	CMA	2006-12-08	2015	S-VISSR	S-E	1687.5 MHz	2000 kHz	linear	660 kbit/s	D	High-resolution data
FY-2D	CMA	2006-12-08	2015	LRIT	E-S	2051 MHz	260 kHz	linear	150 kbit/s	D	Selected data (not in use)
FY-2D	CMA	2006-12-08	2015	LRIT	S-E	1690.5 MHz	1000 kHz	linear	150 kbit/s	D	Selected data (not in use)
FY-2D	CMA	2006-12-08	2015	DCP	E-S	401.1 - 401.4 MHz	3 kHz	RHCP	0.600 kbit/s	D	Regional DCP reports
FY-2D	CMA	2006-12-08	2015	DCP	E-S	402 - 402.1 MHz	3 kHz	RHCP	0.100 kbit/s	D	International DCP reports
FY-2D	CMA	2006-12-08	2015	Ranging	E-S	2050.5 MHz	1000 kHz	linear	500 kbit/s	D	Primary station
FY-2D	CMA	2006-12-08	2015	Ranging	S-E	1690.5 MHz	1000 kHz	linear	500 kbit/s	D	Primary station
FY-2D	CMA	2006-12-08	2015	Ranging	E-S	2046.5 MHz	1000 kHz	linear	500 kbit/s	D	Secondary station
FY-2D	CMA	2006-12-08	2015	Ranging	S-E	1686.5 MHz	1000 kHz	linear	500 kbit/s	D	Secondary station
FY-2D	CMA	2006-12-08	2015	Ranging	E-S	2044.5 MHz	1000 kHz	linear	500 kbit/s	D	Backup station
FY-2D	CMA	2006-12-08	2015	Ranging	S-E	1684.5 MHz	1000 kHz	linear	500 kbit/s	D	Backup station
FY-2E	CMA	2008-12-23	2018-12-31	CDAS	S-E	1681.6 MHz	20000 kHz	linear	14000 kbit/s	D	Raw data
FY-2E	CMA	2008-12-23	2018-12-31	S-VISSR	E-S	2047.5 MHz	2000 kHz	linear	660 kbit/s	D	High-resolution data
FY-2E	CMA	2008-12-23	2018-12-31	S-VISSR	S-E	1687.5 MHz	2000 kHz	linear	660 kbit/s	D	High-resolution data
FY-2E	CMA	2008-12-23	2018-12-31	LRIT	E-S	2051 MHz	260 kHz	linear	150 kbit/s	D	Selected data (not in use)
FY-2E	CMA	2008-12-23	2018-12-31	LRIT	S-E	1690.5 MHz	1000 kHz	linear	150 kbit/s	D	Selected data (not in use)
FY-2E	CMA	2008-12-23	2018-12-31	DCP	E-S	401.1 - 401.4 MHz	3 kHz	RHCP	0.600 kbit/s	D	Regional DCP reports
FY-2E	CMA	2008-12-23	2018-12-31	DCP	E-S	402 - 402.1 MHz	3 kHz	RHCP	0.100 kbit/s	D	International DCP reports
FY-2E	CMA	2008-12-23	2018-12-31	Ranging	E-S	2050.5 MHz	1000 kHz	linear	500 kbit/s	D	Primary station
FY-2E	CMA	2008-12-23	2018-12-31	Ranging	S-E	1690.5 MHz	1000 kHz	linear	500 kbit/s	D	Primary station
FY-2E	CMA	2008-12-23	2018-12-31	Ranging	E-S	2046.5 MHz	1000 kHz	linear	500 kbit/s	D	Secondary station
FY-2E	CMA	2008-12-23	2018-12-31	Ranging	S-E	1686.5 MHz	1000 kHz	linear	500 kbit/s	D	Secondary station
FY-2E	CMA	2008-12-23	2018-12-31	Ranging	E-S	2044.5 MHz	1000 kHz	linear	500 kbit/s	D	Backup station
FY-2E	CMA	2008-12-23	2018-12-31	Ranging	S-E	1684.5 MHz	1000 kHz	linear	500 kbit/s	D	Backup station
FY-2F	CMA	2012-01-13	2022-04-01	CDAS	S-E	1681.6 MHz	20000 kHz	linear	14000 kbit/s	D	Raw data
FY-2F	CMA	2012-01-13	2022-04-01	S-VISSR	E-S	2047.5 MHz	2000 kHz	linear	660 kbit/s	D	High-resolution data
FY-2F	CMA	2012-01-13	2022-04-01	S-VISSR	S-E	1687.5 MHz	2000 kHz	linear	660 kbit/s	D	High-resolution data
FY-2F	CMA	2012-01-13	2022-04-01	LRIT	E-S	2051 MHz	260 kHz	linear	150 kbit/s	D	Selected data
FY-2F	CMA	2012-01-13	2022-04-01	LRIT	S-E	1690.5 MHz	1000 kHz	linear	150 kbit/s	D	Selected data
FY-2F	CMA	2012-01-13	2022-04-01	DCP	E-S	401.1 - 401.4 MHz	3 kHz	RHCP	0.600 kbit/s	D	Regional DCP reports
FY-2F	CMA	2012-01-13	2022-04-01	DCP	E-S	402 - 402.1 MHz	3 kHz	RHCP	0.100 kbit/s	D	International DCP reports
FY-2F	CMA	2012-01-13	2022-04-01	Ranging	E-S	2050.5 MHz	1000 kHz	linear	500 kbit/s	D	Primary station
FY-2F	CMA	2012-01-13	2022-04-01	Ranging	S-E	1690.5 MHz	1000 kHz	linear	500 kbit/s	D	Primary station
FY-2F	CMA	2012-01-13	2022-04-01	Ranging	E-S	2046.5 MHz	1000 kHz	linear	500 kbit/s	D	Secondary station
FY-2F	CMA	2012-01-13	2022-04-01	Ranging	S-E	1686.5 MHz	1000 kHz	linear	500 kbit/s	D	Secondary station
FY-2F	CMA	2012-01-13	2022-04-01	Ranging	E-S	2044.5 MHz	1000 kHz	linear	500 kbit/s	D	Backup station
FY-2F	CMA	2012-01-13	2022-04-01	Ranging	S-E	1684.5 MHz	1000 kHz	linear	500 kbit/s	D	Backup station
FY-2G	CMA	2014-12-31	≥2022	CDAS	S-E	1681.6 MHz	20000 kHz	linear	14000 kbit/s	D	Raw data
FY-2G	CMA	2014-12-31	≥2022	S-VISSR	E-S	2047.5 MHz	2000 kHz	linear	660 kbit/s	D	High-resolution data
FY-2G	CMA	2014-12-31	≥2022	S-VISSR	S-E	1687.5 MHz	2000 kHz	linear	660 kbit/s	D	High-resolution data
FY-2G	CMA	2014-12-31	≥2022	LRIT	E-S	2051 MHz	260 kHz	linear	150 kbit/s	D	Selected data
FY-2G	CMA	2014-12-31	≥2022	LRIT	S-E	1690.5 MHz	1000 kHz	linear	150 kbit/s	D	Selected data
FY-2G	CMA	2014-12-31	≥2022	DCP	E-S	401.1 - 401.4 MHz	3 kHz	RHCP	0.600 kbit/s	D	Regional DCP reports
FY-2G	CMA	2014-12-31	≥2022	DCP	E-S	402 - 402.1 MHz	3 kHz	RHCP	0.100 kbit/s	D	International DCP reports
FY-2G	CMA	2014-12-31	≥2022	Ranging	E-S	2050.5 MHz	1000 kHz	linear	500 kbit/s	D	Primary station
FY-2G	CMA	2014-12-31	≥2022	Ranging	S-E	1690.5 MHz	1000 kHz	linear	500 kbit/s	D	Primary station
FY-2G	CMA	2014-12-31	≥2022	Ranging	E-S	2046.5 MHz	1000 kHz	linear	500 kbit/s	D	Secondary station
FY-2G	CMA	2014-12-31	≥2022	Ranging	S-E	1686.5 MHz	1000 kHz	linear	500 kbit/s	D	Secondary station
FY-2G	CMA	2014-12-31	≥2022	Ranging	E-S	2044.5 MHz	1000 kHz	linear	500 kbit/s	D	Backup station
FY-2G	CMA	2014-12-31	≥2022	Ranging	S-E	1684.5 MHz	1000 kHz	linear	500 kbit/s	D	Backup station
FY-2H	CMA	2018-06-05	≥2022	CDAS	S-E	1681.6 MHz	20000 kHz	linear	14000 kbit/s	D	Raw data
FY-2H	CMA	2018-06-05	≥2022	S-VISSR	E-S	2047.5 MHz	2000 kHz	linear	660 kbit/s	D	High-resolution data
FY-2H	CMA	2018-06-05	≥2022	S-VISSR	S-E	1687.5 MHz	2000 kHz	linear	660 kbit/s	D	High-resolution data
FY-2H	CMA	2018-06-05	≥2022	LRIT	E-S	2051 MHz	260 kHz	linear	150 kbit/s	D	Selected data
FY-2H	CMA	2018-06-05	≥2022	LRIT	S-E	1690.5 MHz	1000 kHz	linear	150 kbit/s	D	Selected data
FY-2H	CMA	2018-06-05	≥2022	DCP	E-S	401.1 - 401.4 MHz	3 kHz	RHCP	0.600 kbit/s	D	Regional DCP reports
FY-2H	CMA	2018-06-05	≥2022	DCP	E-S	402 - 402.1 MHz	3 kHz	RHCP	0.100 kbit/s	D	International DCP reports
FY-2H	CMA	2018-06-05	≥2022	Ranging	E-S	2050.5 MHz	1000 kHz	linear	500 kbit/s	D	Primary station
FY-2H	CMA	2018-06-05	≥2022	Ranging	S-E	1690.5 MHz	1000 kHz	linear	500 kbit/s	D	Primary station
FY-2H	CMA	2018-06-05	≥2022	Ranging	E-S	2046.5 MHz	1000 kHz	linear	500 kbit/s	D	Secondary station
FY-2H	CMA	2018-06-05	≥2022	Ranging	S-E	1686.5 MHz	1000 kHz	linear	500 kbit/s	D	Secondary station
FY-2H	CMA	2018-06-05	≥2022	Ranging	E-S	2044.5 MHz	1000 kHz	linear	500 kbit/s	D	Backup station
FY-2H	CMA	2018-06-05	≥2022	Ranging	S-E	1684.5 MHz	1000 kHz	linear	500 kbit/s	D	Backup station
FY-3A	CMA	2008-05-27	2015-01-05	DPT	S-E	8145.95 MHz	149000 kHz	RHCP	93000 kbit/s	D	Stored data
FY-3A	CMA	2008-05-27	2015-01-05	MPT	S-E	7775 MHz	45000 kHz	RHCP	18700 kbit/s	D	Full-resolution MERSI data
FY-3A	CMA	2008-05-27	2015-01-05	AHRPT	S-E	1704.5 MHz	6800 kHz	RHCP	4200 kbit/s	D	Other instrument data
FY-3B	CMA	2010-11-04	2021-12-09	DPT	S-E	8145.95 MHz	149000 kHz	RHCP	93000 kbit/s	D	Stored data
FY-3B	CMA	2010-11-04	2021-12-09	MPT	S-E	7775 MHz	45000 kHz	RHCP	18700 kbit/s	D	Full-resolution MERSI data
FY-3B	CMA	2010-11-04	2021-12-09	AHRPT	S-E	1704.5 MHz	6800 kHz	RHCP	4200 kbit/s	D	Other instrument data
FY-3C	CMA	2013-09-23	≥2022	DPT	S-E	8175 MHz	300000 kHz	LHCP	225000 kbit/s	D	Stored data
FY-3C	CMA	2013-09-23	≥2022	MPT	S-E	7780 MHz	60000 kHz	LHCP	45000 kbit/s	D	Full-resolution MERSI data
FY-3C	CMA	2013-09-23	≥2022	AHRPT	S-E	1701.4 MHz	6800 kHz	RHCP	4200 kbit/s	D	Other instrument data
FY-3D	CMA	2017-11-14	≥2023	AHRPT	S-E	7820 MHz	100000 kHz	RHCP	60000 kbit/s	D	Full-resolution data
FY-4A	CMA	2016-12-10	≥2023	CDAS	S-E	7500 MHz	100000 kHz	RHCP&LHCP		D	Raw data
FY-4A	CMA	2016-12-10	≥2023	HRIT	E-S	8185 MHz	20000 kHz	RHCP		D	High-resolution data
FY-4A	CMA	2016-12-10	≥2023	HRIT	E-S	8205 MHz	20000 kHz	RHCP		D	High-resolution data
FY-4A	CMA	2016-12-10	≥2023	HRIT	S-E	1681 MHz	12000 kHz	linear		D	High-resolution data
FY-4A	CMA	2016-12-10	≥2023	LRIT & WAIB	E-S	2057 MHz	1000 kHz	RHCP		D	Selected data and information
FY-4A	CMA	2016-12-10	≥2023	LRIT & WAIB	S-E	1697 MHz	2000 kHz	linear		D	Selected data and information
FY-4A	CMA	2016-12-10	≥2023	TARS	E-S	2047 MHz	10000 kHz	RHCP		D	Ranging
FY-4A	CMA	2016-12-10	≥2023	TARS	S-E	2227 MHz	10000 kHz	RHCP		D	Ranging
FY-4A	CMA	2016-12-10	≥2023	TARS	E-S	1693 MHz	8000 kHz	linear		D	Ranging
FY-4A	CMA	2016-12-10	≥2023	T&C	S-E	2067.5 MHz	85000 kHz	RHCP		D	Telemetry and commands
FY-4A	CMA	2016-12-10	≥2023	T&C	S-E	2245 MHz	90000 kHz	RHCP		D	Telemetry and commands





Himawari-6 (MTSAT-1R)	JMA	2005-02-26	2015-12-04	HRIT	E-S	2029.1 MHz	6000 kHz	linear	3500 kbit/s	D	High resolution data. Service terminated in Dec 2015
Himawari-6 (MTSAT-1R)	JMA	2005-02-26	2015-12-04	HRIT	S-E	1687.1 MHz	6000 kHz	linear	3500 kbit/s	D	High resolution data. Service terminated in Dec 2015.
Himawari-6 (MTSAT-1R)	JMA	2005-02-26	2015-12-04	HIRID	E-S	2029.1 MHz	2000 kHz	linear	660 kbit/s	D	High resolution data - This service was terminated in March 2008
Himawari-6 (MTSAT-1R)	JMA	2005-02-26	2015-12-04	HIRID	S-E	1687.1 MHz	2000 kHz	linear	660 kbit/s	D	High resolution data - This service was terminated in March 2008
Himawari-6 (MTSAT-1R)	JMA	2005-02-26	2015-12-04	LRIT	E-S	2033 MHz	250 kHz	linear	150 kbit/s	D	Selected data. Service terminated in Dec 2015.
Himawari-6 (MTSAT-1R)	JMA	2005-02-26	2015-12-04	LRIT	S-E	1691 MHz	250 kHz	linear	150 kbit/s	D	Selected data. Service terminated in Dec 2015.
Himawari-6 (MTSAT-1R)	JMA	2005-02-26	2015-12-04	WEFAX	E-S	2033 MHz	260 kHz	linear	1.68 kHz	A	Weather facsimile - This service was terminated in March 2008
Himawari-6 (MTSAT-1R)	JMA	2005-02-26	2015-12-04	WEFAX	S-E	1691 MHz	260 kHz	linear	1.68 kHz	A	Weather facsimile - This service was terminated in March 2008
Himawari-6 (MTSAT-1R)	JMA	2005-02-26	2015-12-04	DCS	E-S	2034.933 MHz	6 kHz	linear	0.1 kbit/s	D	DCP interrogation
Himawari-6 (MTSAT-1R)	JMA	2005-02-26	2015-12-04	DCS	E-S	2034.925 MHz	6 kHz	linear	0.1 kbit/s	D	DCP interrogation
Himawari-6 (MTSAT-1R)	JMA	2005-02-26	2015-12-04	DCS	E-S	2034.974 MHz	6 kHz	linear	0.1 kbit/s	D	DCP interrogation
Himawari-6 (MTSAT-1R)	JMA	2005-02-26	2015-12-04	DCS	E-S	402 - 402.4 MHz	2 kHz	RHCP	0.1 kbit/s	D	DCP reports
Himawari-6 (MTSAT-1R)	JMA	2005-02-26	2015-12-04	DCS	E-S	402 - 402.4 MHz	4 kHz	RHCP	0.3 kbit/s	D	DCP reports
Himawari-6 (MTSAT-1R)	JMA	2005-02-26	2015-12-04	DCS	E-S	402 - 402.4 MHz	6 kHz	RHCP	0.6 kbit/s	D	DCP reports
Himawari-6 (MTSAT-1R)	JMA	2005-02-26	2015-12-04	DCS	S-E	1694.3 - 1694.7 MHz	2 kHz	linear	0.1 kbit/s	D	DCP report relay
Himawari-6 (MTSAT-1R)	JMA	2005-02-26	2015-12-04	DCS	S-E	1694.3 - 1694.7 MHz	4 kHz	linear	0.3 kbit/s	D	DCP report relay
Himawari-6 (MTSAT-1R)	JMA	2005-02-26	2015-12-04	DCS	S-E	1694.3 - 1694.7 MHz	6 kHz	linear	0.6 kbit/s	D	DCP report relay
Himawari-7 (MTSAT-2)	JMA	2006-02-18	2016-05-10	CDAS	S-E	1677 MHz	10000 kHz	linear	2700 kbit/s	D	Raw data
Himawari-7 (MTSAT-2)	JMA	2006-02-18	2016-05-10	HRIT	E-S	2029.1 MHz	6000 kHz	linear	3500 kbit/s	D	High resolution data
Himawari-7 (MTSAT-2)	JMA	2006-02-18	2016-05-10	HRIT	S-E	1687.1 MHz	6000 kHz	linear	3500 kbit/s	D	High resolution data
Himawari-7 (MTSAT-2)	JMA	2006-02-18	2016-05-10	LRIT	E-S	2033 MHz	250 kHz	linear	150 kbit/s	D	Selected data
Himawari-7 (MTSAT-2)	JMA	2006-02-18	2016-05-10	LRIT	S-E	1691 MHz	250 kHz	linear	150 kbit/s	D	Selected data
Himawari-7 (MTSAT-2)	JMA	2006-02-18	2016-05-10	DCS	E-S	2034.933 MHz	6 kHz	linear	0.1 kbit/s	D	DCP interrogation
Himawari-7 (MTSAT-2)	JMA	2006-02-18	2016-05-10	DCS	E-S	2034.925 MHz	6 kHz	linear	0.1 kbit/s	D	DCP interrogation
Himawari-7 (MTSAT-2)	JMA	2006-02-18	2016-05-10	DCS	E-S	2034.974 MHz	6 kHz	linear	0.1 kbit/s	D	DCP interrogation
Himawari-7 (MTSAT-2)	JMA	2006-02-18	2016-05-10	DCS	E-S	402 - 402.4 MHz	2 kHz	RHCP	0.1 kbit/s	D	DCP reports
Himawari-7 (MTSAT-2)	JMA	2006-02-18	2016-05-10	DCS	E-S	402 - 402.4 MHz	4 kHz	RHCP	0.3 kbit/s	D	DCP reports
Himawari-7 (MTSAT-2)	JMA	2006-02-18	2016-05-10	DCS	E-S	402 - 402.4 MHz	6 kHz	RHCP	0.6 kbit/s	D	DCP reports
Himawari-7 (MTSAT-2)	JMA	2006-02-18	2016-05-10	DCS	S-E	1694.3 - 1694.7 MHz	2 kHz	linear	0.1 kbit/s	D	DCP report relay
Himawari-7 (MTSAT-2)	JMA	2006-02-18	2016-05-10	DCS	S-E	1694.3 - 1694.7 MHz	4 kHz	linear	0.3 kbit/s	D	DCP report relay
Himawari-7 (MTSAT-2)	JMA	2006-02-18	2016-05-10	DCS	S-E	1694.3 - 1694.7 MHz	6 kHz	linear	0.6 kbit/s	D	DCP report relay
Himawari-8	JMA	2014-10-07	≥2030	CDAS	S-E	18284.6 MHz	110000 kHz	linear	66000 kbit/s	D	Raw data
Himawari-8	JMA	2014-10-07	≥2030	CDAS	S-E	18284.6 MHz	110000 kHz	linear	66000 kbit/s	D	Raw data
Himawari-8	JMA	2014-10-07	≥2030	DCS	E-S	402 - 402.4 MHz	2 kHz	RHCP	0.1 kbit/s	D	DCP reports
Himawari-8	JMA	2014-10-07	≥2030	DCS	E-S	402 - 402.4 MHz	4 kHz	RHCP	0.3 kbit/s	D	DCP reports
Himawari-8	JMA	2014-10-07	≥2030	DCS	E-S	402 - 402.4 MHz	6 kHz	RHCP	0.6 kbit/s	D	DCP reports
Himawari-8	JMA	2014-10-07	≥2030	DCS	E-S	18399 - 18400 MHz	2 kHz	linear	0.1 kbit/s	D	DCP report relay
Himawari-8	JMA	2014-10-07	≥2030	DCS	S-E	18399 - 18400 MHz	4 kHz	linear	0.3 kbit/s	D	DCP report relay
Himawari-8	JMA	2014-10-07	≥2030	DCS	S-E	18399 - 18400 MHz	6 kHz	linear	0.6 kbit/s	D	DCP report relay
Himawari-9	JMA	2016-11-02	≥2030	CDAS	S-E	18284.6 MHz	110000 kHz	linear	66000 kbit/s	D	Raw data
Himawari-9	JMA	2016-11-02	≥2030	CDAS	S-E	18284.6 MHz	110000 kHz	linear	66000 kbit/s	D	Raw data
Himawari-9	JMA	2016-11-02	≥2030	DCS	E-S	402 - 402.4 MHz	2 kHz	RHCP	0.1 kbit/s	D	DCP reports
Himawari-9	JMA	2016-11-02	≥2030	DCS	E-S	402 - 402.4 MHz	4 kHz	RHCP	0.3 kbit/s	D	DCP reports
Himawari-9	JMA	2016-11-02	≥2030	DCS	E-S	402 - 402.4 MHz	6 kHz	RHCP	0.6 kbit/s	D	DCP reports
Himawari-9	JMA	2016-11-02	≥2030	DCS	S-E	18399 - 18400 MHz	2 kHz	linear	0.1 kbit/s	D	DCP report relay
Himawari-9	JMA	2016-11-02	≥2030	DCS	S-E	18399 - 18400 MHz	4 kHz	linear	0.3 kbit/s	D	DCP report relay
Himawari-9	JMA	2016-11-02	≥2030	DCS	S-E	18399 - 18400 MHz	6 kHz	linear	0.6 kbit/s	D	DCP report relay
INSAT-3A	ISRO	2003-04-10	2016	CDAS	S-E	4501.5 MHz	500 kHz	linear	526.5 kbit/s	D	VHRR raw data
INSAT-3A	ISRO	2003-04-10	2016	CDAS	S-E	4508.93 MHz	500 kHz	linear	1288.5 kbit/s	D	CCD raw data
INSAT-3A	ISRO	2003-04-10	2016	DRT	E-S	402.75 MHz	180 kHz	LHCP	4.8 kbit/s	D	DCP reports
INSAT-3A	ISRO	2003-04-10	2016	DRT	S-E	4504.2 MHz	180 kHz	linear	4.8 kbit/s	D	DCP relay
INSAT-3C	ISRO	2002-01-24	2014	MDD	S-E	2599.23 MHz	200 kHz	linear	10 kHz	A	Meteorological Data Distribution including data originated from INSAT-3A
INSAT-3C	ISRO	2002-01-24	2014	CWDS	S-E	2599.23 MHz	200 kHz	linear	10 kHz	A	Cyclone Warning Dissemination System for selected INSAT-3A data activated in the cyclone season
INSAT-3D	ISRO	2013-07-25	≥2022	CDAS	S-E	4781 MHz	9600 kHz	linear	3927.25 kbit/s	D	IMAGER raw data
INSAT-3D	ISRO	2013-07-25	≥2022	CDAS	S-E	4798 MHz	96 kHz	linear	40.0 kbit/s	D	SOUNDER raw data
INSAT-3D	ISRO	2013-07-25	≥2022	DRT	E-S	402.75 MHz	180 kHz	LHCP	4.8 kbit/s	D	DCP reports
INSAT-3D	ISRO	2013-07-25	≥2022	DRT	S-E	4506.05 MHz	180 kHz	linear	4.8 kbit/s	D	DCP relay
INSAT-3DR	ISRO	2016-09-08	≥2026	CDAS	S-E	4781 MHz	9600 kHz	linear	3927.25 kbit/s	D	IMAGER raw data
INSAT-3DR	ISRO	2016-09-08	≥2026	CDAS	S-E	4798 MHz	96 kHz	linear	40.0 kbit/s	D	SOUNDER raw data
INSAT-3DR	ISRO	2016-09-08	≥2026	DRT	E-S	402.75 MHz	180 kHz	LHCP	4.8 kbit/s	D	DCP reports
INSAT-3DR	ISRO	2016-09-08	≥2026	DRT	S-E	4506.05 MHz	180 kHz	linear	4.8 kbit/s	D	DCP relay
INSAT-3DS	ISRO	≥2023	≥2030	CDAS	S-E	4781 MHz	9600 kHz	linear	3927.25 kbit/s	D	IMAGER raw data
INSAT-3DS	ISRO	≥2023	≥2030	CDAS	S-E	4798 MHz	96 kHz	linear	40.0 kbit/s	D	SOUNDER raw data
INSAT-3DS	ISRO	≥2023	≥2030	DRT	E-S	402.75 MHz	180 kHz	LHCP	4.8 kbit/s	D	DCP reports
INSAT-3DS	ISRO	≥2023	≥2030	DRT	S-E	4506.05 MHz	180 kHz	linear	4.8 kbit/s	D	DCP relay
JASON-2	NASA	2008-06-20	2019-10-01	TM & Raw Data	S-E	5300 MHz	320000 kHz	RHCP&LHCP	320000 kbit/s	D	FM Pulse Radar. Telemetry and Altimeter real-time data
JASON-2	NASA	2008-06-20	2019-10-01	TM & Raw Data	S-E	5300 MHz	100000 kHz	RHCP&LHCP	100000 kbit/s	D	FM Pulse Radar. Telemetry and Altimeter real-time data
JASON-2	NASA	2008-06-20	2019-10-01	TM & Raw Data	S-E	13575 MHz	320000 kHz	RHCP&LHCP	320000 kbit/s	D	FM Pulse Radar. Telemetry and Altimeter real-time data
JASON-2	NASA	2008-06-20	2019-10-01	TM/SMD	S-E	2268.465 MHz	839 kHz	RHCP&LHCP	834 kbit/s	D	FM Pulse Radar. Telemetry and Altimeter stored data
JASON-3	NASA	2016-01-17	≥2023	TM & Raw Data	S-E	5300 MHz	320000 kHz	RHCP&LHCP	320000 kbit/s	D	FM Pulse Radar. Telemetry and Altimeter real-time data
JASON-3	NASA	2016-01-17	≥2023	TM & Raw Data	S-E	5300 MHz	100000 kHz	RHCP&LHCP	100000 kbit/s	D	FM Pulse Radar. Telemetry and Altimeter real-time data
JASON-3	NASA	2016-01-17	≥2023	TM & Raw Data	S-E	13575 MHz	320000 kHz	RHCP&LHCP	320000 kbit/s	D	FM Pulse Radar. Telemetry and Altimeter real-time data
JASON-3	NASA	2016-01-17	≥2023	TM/SMD	S-E	2215.92 MHz	2000 kHz	RHCP&LHCP	838.861 kbit/s	D	FM Pulse Radar. Telemetry and Altimeter stored data
JFSS-2	NOAA	≥2022-11	≥2029	SMD	S-E	26703.4 MHz	300000 kHz	RHCP	261000 kbit/s	D	Stored Mission Data (info data rate)







Meteosat-8	EUMETSAT	2002-08-28	2016-07-04	HRIT	E-S	2105.65 MHz	2000 kHz	RHCP	1000 kbit/s	D	High resolution data - not in use
Meteosat-8	EUMETSAT	2002-08-28	2016-07-04	HRIT	S-E	1695.15 MHz	2000 kHz	linear	1000 kbit/s	D	High resolution data - not in use
Meteosat-8	EUMETSAT	2002-08-28	2016-07-04	LRIT	E-S	2101.5 MHz	660 kHz	RHCP	128 kbit/s	D	Selected data - not in use
Meteosat-8	EUMETSAT	2002-08-28	2016-07-04	LRIT	S-E	1691 MHz	660 kHz	linear	128 kbit/s	D	Selected data - not in use
Meteosat-8	EUMETSAT	2002-08-28	2016-07-04	DCS	E-S	402 - 402.1 MHz	3 kHz	RHCP	0.100 kbit/s	D	International DCP reports, 33 channels
Meteosat-8	EUMETSAT	2002-08-28	2016-07-04	DCS	E-S	402.1 - 402.44 MHz	1.5 kHz	RHCP	0.100 kbit/s	D	Regional DCP reports, 223 channels
Meteosat-8	EUMETSAT	2002-08-28	2016-07-04	DCS	S-E	1675.281 MHz	750 kHz	linear	0.100 kbit/s	D	DCP report relay
Meteosat-8 (IODC)	EUMETSAT	2016-09-15	≥2022-11	PGS	S-E	1686.83 MHz	5400 kHz	linear	3270 kbit/s	D	Raw data
Meteosat-8 (IODC)	EUMETSAT	2016-09-15	≥2022-11	HRIT	E-S	2105.65 MHz	2000 kHz	RHCP	1000 kbit/s	D	High resolution data - not in use
Meteosat-8 (IODC)	EUMETSAT	2016-09-15	≥2022-11	HRIT	S-E	1695.15 MHz	2000 kHz	linear	1000 kbit/s	D	High resolution data - not in use
Meteosat-8 (IODC)	EUMETSAT	2016-09-15	≥2022-11	LRIT	E-S	2101.5 MHz	660 kHz	RHCP	128 kbit/s	D	Selected data - not in use
Meteosat-8 (IODC)	EUMETSAT	2016-09-15	≥2022-11	LRIT	S-E	1691 MHz	660 kHz	linear	128 kbit/s	D	Selected data - not in use
Meteosat-8 (IODC)	EUMETSAT	2016-09-15	≥2022-11	DCS	E-S	402 - 402.1 MHz	3 kHz	RHCP	0.100 kbit/s	D	International DCP reports, 33 channels
Meteosat-8 (IODC)	EUMETSAT	2016-09-15	≥2022-11	DCS	E-S	402.1 - 402.44 MHz	1.5 kHz	RHCP	0.100 kbit/s	D	Regional DCP reports, 223 channels
Meteosat-8 (IODC)	EUMETSAT	2016-09-15	≥2022-11	DCS	S-E	1675.281 MHz	750 kHz	linear	0.100 kbit/s	D	DCP report relay
Meteosat-9	EUMETSAT	2005-12-21	2022-04-01	PGS	S-E	1686.83 MHz	5400 kHz	linear	3270 kbit/s	D	Raw data
Meteosat-9	EUMETSAT	2005-12-21	2022-04-01	HRIT	E-S	2105.65 MHz	2000 kHz	RHCP	1000 kbit/s	D	High resolution data - not in use
Meteosat-9	EUMETSAT	2005-12-21	2022-04-01	HRIT	S-E	1695.15 MHz	2000 kHz	linear	1000 kbit/s	D	High resolution data - not in use
Meteosat-9	EUMETSAT	2005-12-21	2022-04-01	LRIT	E-S	2101.5 MHz	660 kHz	RHCP	128 kbit/s	D	Selected data
Meteosat-9	EUMETSAT	2005-12-21	2022-04-01	LRIT	S-E	1691 MHz	660 kHz	linear	128 kbit/s	D	Selected data
Meteosat-9	EUMETSAT	2005-12-21	2022-04-01	DCS (international)	E-S	402 - 402.1 MHz	3 kHz	RHCP	0.100 kbit/s	D	International DCP reports, 33 channels
Meteosat-9	EUMETSAT	2005-12-21	2022-04-01	DCS (regional)	E-S	402.1 - 402.44 MHz	1.5 kHz	RHCP	0.100 kbit/s	D	Regional DCP reports, 223 channels
Meteosat-9	EUMETSAT	2005-12-21	2022-04-01	DCS	S-E	1675.281 MHz	750 kHz	linear	0.100 kbit/s	D	DCP report relay
Meteosat-9 (IODC)	EUMETSAT	2022-07-01	≥2025	PGS	S-E	1686.83 MHz	5400 kHz	linear	3270 kbit/s	D	Raw data
Meteosat-9 (IODC)	EUMETSAT	2022-07-01	≥2025	HRIT	E-S	2105.65 MHz	2000 kHz	RHCP	1000 kbit/s	D	High resolution data - not in use
Meteosat-9 (IODC)	EUMETSAT	2022-07-01	≥2025	HRIT	S-E	1695.15 MHz	2000 kHz	linear	1000 kbit/s	D	High resolution data - not in use
Meteosat-9 (IODC)	EUMETSAT	2022-07-01	≥2025	LRIT	E-S	2101.5 MHz	660 kHz	RHCP	128 kbit/s	D	Selected data
Meteosat-9 (IODC)	EUMETSAT	2022-07-01	≥2025	LRIT	S-E	1691 MHz	660 kHz	linear	128 kbit/s	D	Selected data
Meteosat-9 (IODC)	EUMETSAT	2022-07-01	≥2025	DCS (international)	E-S	402 - 402.1 MHz	3 kHz	RHCP	0.100 kbit/s	D	International DCP reports, 33 channels
Meteosat-9 (IODC)	EUMETSAT	2022-07-01	≥2025	DCS (regional)	E-S	402.1 - 402.44 MHz	1.5 kHz	RHCP	0.100 kbit/s	D	Regional DCP reports, 223 channels
Meteosat-9 (IODC)	EUMETSAT	2022-07-01	≥2025	DCS	S-E	1675.281 MHz	750 kHz	linear	0.100 kbit/s	D	DCP report relay
Metop-A	EUMETSAT	2006-10-19	2021-11-15	GDS	S-E	7800 MHz	63000 kHz	RHCP	70000 kbit/s	D	Raw data
Metop-A	EUMETSAT	2006-10-19	2021-11-15	AHRPT	S-E	1701.3 MHz	4500 kHz	RHCP	3500 kbit/s	D	High resolution data - not in use
Metop-A	EUMETSAT	2006-10-19	2021-11-15	AHRPT	S-E	1707 MHz	4500 kHz	RHCP	3500 kbit/s	D	High resolution data - used part time
Metop-A	EUMETSAT	2006-10-19	2021-11-15	LRPT	S-E	137.1 MHz	150 kHz	RHCP	72 kbit/s	D	Selected data - not in use
Metop-A	EUMETSAT	2006-10-19	2021-11-15	LRPT	S-E	137.9125 MHz	150 kHz	RHCP	72 kbit/s	D	Selected data - backup, not in use
Metop-A	EUMETSAT	2006-10-19	2021-11-15	ADCS	E-S	401.585 MHz	10 kHz	RHCP	0.4/4.8 kbit/s	D	DCP reports
Metop-A	EUMETSAT	2006-10-19	2021-11-15	ADCS	S-E	465.9875 MHz	1 kHz	RHCP	0.2/0.4 kbit/s	D	DCP configuration control
Metop-B	EUMETSAT	2012-09-17	≥2024	GDS	S-E	7800 MHz	63000 kHz	RHCP	70000 kbit/s	D	Raw data
Metop-B	EUMETSAT	2012-09-17	≥2024	AHRPT	S-E	1701.3 MHz	4500 kHz	RHCP	3500 kbit/s	D	High resolution data
Metop-B	EUMETSAT	2012-09-17	≥2024	AHRPT	S-E	1707 MHz	4500 kHz	RHCP	3500 kbit/s	D	High resolution data - backup
Metop-B	EUMETSAT	2012-09-17	≥2024	LRPT	S-E	137.1 MHz	150 kHz	RHCP	72 kbit/s	D	Selected data
Metop-B	EUMETSAT	2012-09-17	≥2024	LRPT	S-E	137.9125 MHz	150 kHz	RHCP	72 kbit/s	D	Selected data - backup
Metop-B	EUMETSAT	2012-09-17	≥2024	ADCS	E-S	401.585 MHz	10 kHz	RHCP	0.4/4.8 kbit/s	D	DCP reports
Metop-B	EUMETSAT	2012-09-17	≥2024	ADCS	S-E	465.9875 MHz	1 kHz	RHCP	0.2/0.4 kbit/s	D	DCP configuration control
Metop-C	EUMETSAT	2018-11-07	≥2027	ADCS	S-E	7800 MHz	63000 kHz	RHCP	70000 kbit/s	D	Raw data
Metop-C	EUMETSAT	2018-11-07	≥2027	AHRPT	S-E	1701.3 MHz	4500 kHz	RHCP	3500 kbit/s	D	High resolution data - not in use
Metop-C	EUMETSAT	2018-11-07	≥2027	AHRPT	S-E	1707 MHz	4500 kHz	RHCP	3500 kbit/s	D	High resolution data - used part time
Metop-C	EUMETSAT	2018-11-07	≥2027	LRPT	S-E	137.1 MHz	150 kHz	RHCP	72 kbit/s	D	Selected data - not in use
Metop-C	EUMETSAT	2018-11-07	≥2027	LRPT	S-E	137.9125 MHz	150 kHz	RHCP	72 kbit/s	D	Selected data - backup, not in use
Metop-C	EUMETSAT	2018-11-07	≥2027	ADCS	E-S	401.585 MHz	10 kHz	RHCP	0.4/4.8 kbit/s	D	DCP reports
Metop-C	EUMETSAT	2018-11-07	≥2027	ADCS	S-E	465.9875 MHz	1 kHz	RHCP	0.2/0.4 kbit/s	D	DCP configuration control
Metop-SG-A1	EUMETSAT	≥2024	≥2031	DOB	S-E	7825 MHz	150000 kHz	RHCP	80000/186600 kbit/s	D	Direct Data Broadcast
Metop-SG-A1	EUMETSAT	≥2024	≥2031	SMD	S-E	26295 MHz	366000 kHz	RHCP	390500/455500 kbit/s	D	Stored Mission Data, Channel 1
Metop-SG-A1	EUMETSAT	≥2024	≥2031	SMD	S-E	26700 MHz	366000 kHz	RHCP	390500/455500 kbit/s	D	Stored Mission Data, Channel 2
Metop-SG-A1	EUMETSAT	≥2024	≥2031	ADCS	E-S	401 - 401.69000000000001 MHz	80 kHz	RHCP	4.8/9.6 kbit/s	D	Argos DCS
Metop-SG-A1	EUMETSAT	≥2024	≥2031	ADCS	S-E	465.9875 MHz	20 kHz	RHCP	0.97751/1000 kbit/s	D	Argos DCS return link
Metop-SG-A2	EUMETSAT	≥2031	≥2038	DOB	S-E	7825 MHz	150000 kHz	RHCP	80000/186600 kbit/s	D	Direct Data Broadcast
Metop-SG-A2	EUMETSAT	≥2031	≥2038	SMD	S-E	26295 MHz	366000 kHz	RHCP	390500/455500 kbit/s	D	Stored Mission Data, Channel 1
Metop-SG-A2	EUMETSAT	≥2031	≥2038	SMD	S-E	26700 MHz	366000 kHz	RHCP	390500/455500 kbit/s	D	Stored Mission Data, Channel 2
Metop-SG-A2	EUMETSAT	≥2031	≥2038	ADCS	E-S	401 - 401.69000000000001 MHz	80 kHz	RHCP	4.8/9.6 kbit/s	D	Argos DCS
Metop-SG-A2	EUMETSAT	≥2031	≥2038	ADCS	S-E	465.9875 MHz	20 kHz	RHCP	0.97751/1000 kbit/s	D	Argos DCS return link
Metop-SG-A3	EUMETSAT	≥2038	≥2045	DOB	S-E	7825 MHz	150000 kHz	RHCP	80000/186600 kbit/s	D	Direct Data Broadcast
Metop-SG-A3	EUMETSAT	≥2038	≥2045	SMD	S-E	26295 MHz	366000 kHz	RHCP	390500/455500 kbit/s	D	Stored Mission Data, Channel 1
Metop-SG-A3	EUMETSAT	≥2038	≥2045	SMD	S-E	26700 MHz	366000 kHz	RHCP	390500/455500 kbit/s	D	Stored Mission Data, Channel 2
Metop-SG-A3	EUMETSAT	≥2038	≥2045	ADCS	E-S	401 - 401.69000000000001 MHz	80 kHz	RHCP	4.8/9.6 kbit/s	D	Argos DCS
Metop-SG-A3	EUMETSAT	≥2038	≥2045	ADCS	S-E	465.9875 MHz	20 kHz	RHCP	0.97751/1000 kbit/s	D	Argos DCS return link
Metop-SG-B1	EUMETSAT	≥2025	≥2032	DOB	S-E	7825 MHz	150000 kHz	RHCP	80000/186600 kbit/s	D	Direct Data Broadcast
Metop-SG-B1	EUMETSAT	≥2025	≥2032	SMD	S-E	26700 MHz	366000 kHz	RHCP	390500/455500 kbit/s	D	Stored Mission Data
Metop-SG-B1	EUMETSAT	≥2025	≥2032	ADCS	E-S	401 - 401.69000000000001 MHz	80 kHz	RHCP	4.8/9.6 kbit/s	D	Argos DCS
Metop-SG-B1	EUMETSAT	≥2025	≥2032	ADCS	S-E	465.9875 MHz	20 kHz	RHCP	0.97751/1000 kbit/s	D	Argos DCS return link

Metop-SG-B2	EUMETSAT	≥2032	≥2039	DOB	S-E	7825 MHz	150000 kHz	RHCP	80000/186600 kbit/s	D	Direct Data Broadcast
Metop-SG-B2	EUMETSAT	≥2032	≥2039	SMD	S-E	26700 MHz	366000 kHz	RHCP	390500/455500 kbit/s	D	Stored Mission Data
Metop-SG-B2	EUMETSAT	≥2032	≥2039	ADCS	S-E	401 - 401.69000000000001 MHz	80 kHz	RHCP	4.8/9.6 kbit/s	D	Argos DCS
Metop-SG-B2	EUMETSAT	≥2032	≥2039	ADCS	S-E	465.9875 MHz	20 kHz	RHCP	0.97751 /1000 kbit/s	D	Argos DCS return link
Metop-SG-B3	EUMETSAT	≥2039	≥2046	DOB	S-E	7825 MHz	150000 kHz	RHCP	80000/186600 kbit/s	D	Direct Data Broadcast
Metop-SG-B3	EUMETSAT	≥2039	≥2046	SMD	S-E	26700 MHz	366000 kHz	RHCP	390500/455500 kbit/s	D	Stored Mission Data
Metop-SG-B3	EUMETSAT	≥2039	≥2046	ADCS	S-E	401 - 401.69000000000001 MHz	80 kHz	RHCP	4.8/9.6 kbit/s	D	Argos DCS
Metop-SG-B3	EUMETSAT	≥2039	≥2046	ADCS	S-E	465.9875 MHz	20 kHz	RHCP	0.97751 /1000 kbit/s	D	Argos DCS return link
MTG-I1	EUMETSAT	≥2022-12	≥2030	MDA	S-E	26360 MHz	287000 kHz	RHCP&LHCP	165000 kbit/s	D	Mission Data Acquisition Data Collection
MTG-I1	EUMETSAT	≥2022-12	≥2030	DCS	E-S	401.7 - 402.85 MHz	3 kHz	RHCP	0.1/1.5 kbit/s	D	Platform transmissions Data Collection
MTG-I1	EUMETSAT	≥2022-12	≥2030	DCS	E-S	401.7 - 402.85 MHz	1.5 kHz	RHCP	0.1/1.5 kbit/s	D	Platform transmissions Data Collection
MTG-I2	EUMETSAT	≥2025	≥2033	MDA	S-E	26360 MHz	287000 kHz	RHCP&LHCP	165000 kbit/s	D	Mission Data Acquisition Data Collection
MTG-I2	EUMETSAT	≥2025	≥2033	DCS	E-S	401.7 - 402.85 MHz	3 kHz	RHCP	0.1/1.5 kbit/s	D	Platform transmissions Data Collection
MTG-I2	EUMETSAT	≥2025	≥2033	DCS	E-S	401.7 - 402.85 MHz	1.5 kHz	RHCP	0.1/1.5 kbit/s	D	Platform transmissions Data Collection
MTG-I3	EUMETSAT	≥2032	≥2040	MDA	S-E	26360 MHz	287000 kHz	RHCP&LHCP	165000 kbit/s	D	Mission Data Acquisition Data Collection
MTG-I3	EUMETSAT	≥2032	≥2040	DCS	E-S	402.275 MHz	3 kHz	RHCP	0.1/1.5 kbit/s	D	Platform transmissions Data Collection
MTG-I3	EUMETSAT	≥2032	≥2040	DCS	E-S	402.275 MHz	1.5 kHz	RHCP	0.1/1.5 kbit/s	D	Platform transmissions Data Collection
MTG-I4	EUMETSAT	≥2036	≥2044	MDA	S-E	26360 MHz	287000 kHz	RHCP&LHCP	165000 kbit/s	D	Mission Data Acquisition Data Collection
MTG-I4	EUMETSAT	≥2036	≥2044	DCS	E-S	401.7 - 402.85 MHz	3 kHz	RHCP	0.1/1.5 kbit/s	D	Platform transmissions Data Collection
MTG-I4	EUMETSAT	≥2036	≥2044	DCS	E-S	401.7 - 402.85 MHz	1.5 kHz	RHCP	0.1/1.5 kbit/s	D	Platform transmissions Data Collection
MTG-S1	EUMETSAT	≥2024	≥2032	MDA	S-E	26760 MHz	452000 kHz	RHCP&LHCP	260000 kbit/s	D	Mission Data Acquisition
MTG-S2	EUMETSAT	≥2034	≥2042	MDA	S-E	26760 MHz	452000 kHz	RHCP&LHCP	260000 kbit/s	D	Mission Data Acquisition Global and Local data (GAC and LAC)
NOAA-15	NOAA	1998-05-13	≥2024	CDA	S-E	2247.5 MHz	4000 kHz	RHCP	2660 kbit/s	D	Full information data
NOAA-15	NOAA	1998-05-13	≥2024	HRPT	S-E	1702.5 MHz	4000 kHz	LHCP	665 kbit/s	D	Full information data
NOAA-15	NOAA	1998-05-13	≥2024	HRPT	S-E	1698 MHz	4000 kHz	RHCP	665 kbit/s	D	Full information data
NOAA-15	NOAA	1998-05-13	≥2024	HRPT	S-E	1707 MHz	4000 kHz	RHCP	665 kbit/s	D	Full information data
NOAA-15	NOAA	1998-05-13	≥2024	APT	S-E	137.5 MHz	38 kHz	RHCP	1.7 kHz	A	Reduced resolution images
NOAA-15	NOAA	1998-05-13	≥2024	APT	S-E	137.62 MHz	38 kHz	RHCP	1.7 kHz	A	Reduced resolution images
NOAA-15	NOAA	1998-05-13	≥2024	APT	S-E	137.1 MHz	38 kHz	RHCP	1.7 kHz	A	Reduced resolution images
NOAA-15	NOAA	1998-05-13	≥2024	APT	S-E	137.9125 MHz	38 kHz	RHCP	1.7 kHz	A	Reduced resolution images
NOAA-15	NOAA	1998-05-13	≥2024	DSB	S-E	137.35 MHz	46 kHz	RHCP	8.32 kbit/s	D	TIP data
NOAA-15	NOAA	1998-05-13	≥2024	DSB	S-E	137.77 MHz	46 kHz	RHCP	8.32 kbit/s	D	TIP data
NOAA-16	NOAA	2000-09-21	2014-06-09	CDA	S-E	2247.5 MHz	4000 kHz	RHCP	2660 kbit/s	D	Global and Local data (GAC and LAC)
NOAA-16	NOAA	2000-09-21	2014-06-09	HRPT	S-E	1702.5 MHz	4000 kHz	LHCP	665 kbit/s	D	Full information data
NOAA-16	NOAA	2000-09-21	2014-06-09	HRPT	S-E	1698 MHz	4000 kHz	RHCP	665 kbit/s	D	Full information data
NOAA-16	NOAA	2000-09-21	2014-06-09	HRPT	S-E	1707 MHz	4000 kHz	RHCP	665 kbit/s	D	Full information data
NOAA-16	NOAA	2000-09-21	2014-06-09	APT	S-E	137.35 MHz	38 kHz	RHCP	1.7 kHz	A	Reduced resolution images
NOAA-16	NOAA	2000-09-21	2014-06-09	APT	S-E	137.77 MHz	38 kHz	RHCP	1.7 kHz	A	Reduced resolution images
NOAA-16	NOAA	2000-09-21	2014-06-09	APT	S-E	137.1 MHz	38 kHz	RHCP	1.7 kHz	A	Reduced resolution images
NOAA-16	NOAA	2000-09-21	2014-06-09	APT	S-E	137.9125 MHz	38 kHz	RHCP	1.7 kHz	A	Reduced resolution images
NOAA-16	NOAA	2000-09-21	2014-06-09	DSB	S-E	137.35 MHz	46 kHz	RHCP	8.32 kbit/s	D	TIP data
NOAA-16	NOAA	2000-09-21	2014-06-09	DSB	S-E	137.77 MHz	46 kHz	RHCP	8.32 kbit/s	D	TIP data
NOAA-17	NOAA	2002-06-24	2013-04-10	CDA	S-E	2247.5 MHz	2000 kHz	RHCP	2660 kbit/s	D	Global and Local data (GAC and LAC)
NOAA-17	NOAA	2002-06-24	2013-04-10	HRPT	S-E	1702.5 MHz	4000 kHz	LHCP	665 kbit/s	D	Full information data
NOAA-17	NOAA	2002-06-24	2013-04-10	HRPT	S-E	1698 MHz	4000 kHz	RHCP	665 kbit/s	D	Full information data
NOAA-17	NOAA	2002-06-24	2013-04-10	HRPT	S-E	1707 MHz	4000 kHz	RHCP	665 kbit/s	D	Full information data
NOAA-17	NOAA	2002-06-24	2013-04-10	APT	S-E	137.5 MHz	38 kHz	RHCP	1.7 kHz	A	Reduced resolution images
NOAA-17	NOAA	2002-06-24	2013-04-10	APT	S-E	137.62 MHz	38 kHz	RHCP	1.7 kHz	A	Reduced resolution images
NOAA-17	NOAA	2002-06-24	2013-04-10	APT	S-E	137.1 MHz	38 kHz	RHCP	1.7 kHz	A	Reduced resolution images
NOAA-17	NOAA	2002-06-24	2013-04-10	APT	S-E	137.9125 MHz	38 kHz	RHCP	1.7 kHz	A	Reduced resolution images
NOAA-17	NOAA	2002-06-24	2013-04-10	DSB	S-E	137.35 MHz	46 kHz	RHCP	8.32 kbit/s	D	TIP data
NOAA-17	NOAA	2002-06-24	2013-04-10	DSB	S-E	137.77 MHz	46 kHz	RHCP	8.32 kbit/s	D	TIP data
NOAA-18	NOAA	2005-05-20	≥2024	CDA	S-E	2247.5 MHz	4000 kHz	RHCP	2660 kbit/s	D	Global and Local data (GAC and LAC)
NOAA-18	NOAA	2005-05-20	≥2024	HRPT	S-E	1702.5 MHz	4000 kHz	LHCP	665 kbit/s	D	Full information data
NOAA-18	NOAA	2005-05-20	≥2024	HRPT	S-E	1698 MHz	4000 kHz	RHCP	665 kbit/s	D	Full information data
NOAA-18	NOAA	2005-05-20	≥2024	HRPT	S-E	1707 MHz	4000 kHz	RHCP	665 kbit/s	D	Full information data
NOAA-18	NOAA	2005-05-20	≥2024	APT	S-E	137.35 MHz	38 kHz	RHCP	1.7 kHz	A	Reduced resolution images
NOAA-18	NOAA	2005-05-20	≥2024	APT	S-E	137.77 MHz	38 kHz	RHCP	1.7 kHz	A	Reduced resolution images
NOAA-18	NOAA	2005-05-20	≥2024	APT	S-E	137.1 MHz	38 kHz	RHCP	1.7 kHz	A	Reduced resolution images
NOAA-18	NOAA	2005-05-20	≥2024	APT	S-E	137.9125 MHz	38 kHz	RHCP	1.7 kHz	A	Reduced resolution images
NOAA-18	NOAA	2005-05-20	≥2024	DSB	S-E	137.35 MHz	46 kHz	RHCP	8.32 kbit/s	D	TIP data
NOAA-18	NOAA	2005-05-20	≥2024	DSB	S-E	137.77 MHz	46 kHz	RHCP	8.32 kbit/s	D	TIP data
NOAA-19	NOAA	2009-02-06	≥2024	CDA	S-E	2247.5 MHz	2000 kHz	RHCP	2660 kbit/s	D	Global and Local data (GAC and LAC)
NOAA-19	NOAA	2009-02-06	≥2024	HRPT	S-E	1702.5 MHz	4000 kHz	LHCP	665 kbit/s	D	Full information data
NOAA-19	NOAA	2009-02-06	≥2024	HRPT	S-E	1698 MHz	4000 kHz	RHCP	665 kbit/s	D	Full information data
NOAA-19	NOAA	2009-02-06	≥2024	HRPT	S-E	1707 MHz	4000 kHz	RHCP	665 kbit/s	D	Full information data
NOAA-19	NOAA	2009-02-06	≥2024	APT	S-E	137.35 MHz	38 kHz	RHCP	1.7 kHz	A	Reduced resolution images
NOAA-19	NOAA	2009-02-06	≥2024	APT	S-E	137.77 MHz	38 kHz	RHCP	1.7 kHz	A	Reduced resolution images
NOAA-19	NOAA	2009-02-06	≥2024	APT	S-E	137.1 MHz	38 kHz	RHCP	1.7 kHz	A	Reduced resolution images
NOAA-19	NOAA	2009-02-06	≥2024	APT	S-E	137.9125 MHz	38 kHz	RHCP	1.7 kHz	A	Reduced resolution images
NOAA-19	NOAA	2009-02-06	≥2024	DSB	S-E	137.35 MHz	46 kHz	RHCP	8.32 kbit/s	D	TIP data
NOAA-19	NOAA	2009-02-06	≥2024	DSB	S-E	137.77 MHz	46 kHz	RHCP	8.32 kbit/s	D	TIP data
NOAA-20	NOAA	2017-11-18	≥2024	SMD	S-E	26703.4 MHz	300000 kHz	RHCP	300000 kbit/s	D	Stored Mission Data
NOAA-20	NOAA	2017-11-18	≥2024	HRD	S-E	7812 MHz	30000 kHz	RHCP	30000 kbit/s	D	Real-time High Rate Data
NOAA-21	NOAA	2022-11-10	≥2030	SMD	S-E	26703.4 MHz	300000 kHz	RHCP	300000 kbit/s	D	Stored Mission Data
NOAA-21	NOAA	2022-11-10	≥2030	HRD	S-E	7812 MHz	30000 kHz	RHCP	30000 kbit/s	D	Real-time High Rate Data
RCM-1	CSA	2019-06-12	≥2026	SAR RCM	active	5400 - 5400 MHz	N/R kHz	-	-	A	C-band SAR
Sentinel-3A	ESA	2016-02-16	≥2023	Raw Data	S-E	8095 MHz	140000 kHz	RHCP	260000/280000 kbit/s	D	Raw data download
Sentinel-3A	ESA	2016-02-16	≥2023	Raw Data	S-E	8260 MHz	140000 kHz	RHCP	260000/280000 kbit/s	D	Raw data download

Sentinel-3B	ESA	2018-04-25	≥2025	Raw Data	S-E	8095 MHz	140000 kHz	RHCP	260000/280000 kBit/s	D	Raw data downlink
Sentinel-3B	ESA	2018-04-25	≥2025	Raw Data	S-E	8260 MHz	140000 kHz	RHCP	260000/280000 kBit/s	D	Raw data downlink
Sentinel-3C	ESA	≥2024	≥2031	Raw Data	S-E	8095 MHz	140000 kHz	RHCP	260000/280000 kBit/s	D	Raw data downlink
Sentinel-3C	ESA	≥2024	≥2031	Raw Data	S-E	8260 MHz	140000 kHz	RHCP	260000/280000 kBit/s	D	Raw data downlink
Sentinel-3D	ESA	≥2028	≥2035	Raw Data	S-E	8095 MHz	140000 kHz	RHCP	260000/280000 kBit/s	D	Raw data downlink
Sentinel-3D	ESA	≥2028	≥2035	Raw Data	S-E	8260 MHz	140000 kHz	RHCP	260000/280000 kBit/s	D	Raw data downlink
Sentinel-6A	EUMETSAT	2020-11-21	≥2027	XDD	S-E	8090 MHz	120000 kHz	RHCP&LHCP	150000 kBit/s	D	Data Downlink
Sentinel-6B	EUMETSAT	≥2025	≥2032	XDD	S-E	8090 MHz	120000 kHz	RHCP	150000 kBit/s	D	Data Downlink
SNPP	NOAA	2011-10-28	≥2023	SMD	S-E	8212.5 MHz	300000 kHz	RHCP	262000 kBit/s	D	Stored Mission Data
SNPP	NOAA	2011-10-28	≥2023	HRD	S-E	7812 MHz	30000 kHz	RHCP	13000 kBit/s	D	Real-time High Rate Data
THEOS-1	GISTDA	2008-10-01	≥2025	IMAGER	S-E	8080 - 8200 MHz	kHz	RHCP	120000 kBit/s	D	Earth Observation Image Data (PAN/MS)
THEOS-2 Main	GISTDA	≥2023-02	≥2026	IMAGER	S-E	8150 MHz	250000 kHz	-	620000 kHz	A	Earth Observation Image Data (PAN/MS)
THEOS-2 Small	GISTDA	≥2023-03	≥2033	IMAGER	S-E	8200 MHz	130000 kHz	LHCP	160000 kBit/s	D	Earth Observation RGB Image data