

METEOSAT NORMALISED SPECTRAL RESPONSES METEOSAT-6

1 DATA

[Graphs](#) are also available for the below data.

- [Nominal Spectral Configuration](#) (VIS-1/VIS-2, IR-1, WV-2)
- [Backup Spectral Configuration](#) (VIS-3/VIS-4, IR-2, WV-1)

1.1 Nominal Spectral Configuration

VIS Wavelength	VIS-1 Response	VIS-2 Response	VIS Av. Response	IR-1 Wavelength	IR-1 Response	WV-2 Wavelength	WV-2 Response
0.300	0.000	0.000	0.0000	10.00	0.000	5.40	0.000
0.325	0.020	0.027	0.0235	10.10	0.007	5.50	0.007
0.350	0.104	0.110	0.1070	10.20	0.007	5.60	0.015
0.375	0.188	0.193	0.1905	10.25	0.014	5.70	0.224
0.400	0.272	0.277	0.2745	10.30	0.022	5.75	0.430
0.425	0.357	0.360	0.3585	10.40	0.037	5.80	0.640
0.450	0.442	0.441	0.4415	10.50	0.111	5.90	0.725
0.460	0.487	0.496	0.4915	10.60	0.276	6.00	0.797
0.470	0.498	0.504	0.5010	10.70	0.499	6.10	0.886
0.480	0.538	0.539	0.5385	10.75	0.607	6.20	0.968
0.490	0.562	0.568	0.5650	10.80	0.728	6.25	1.000
0.500	0.606	0.602	0.6040	10.90	0.855	6.30	0.898
0.510	0.638	0.632	0.6350	11.00	0.872	6.40	0.627
0.520	0.680	0.680	0.6800	11.10	0.886	6.50	0.439
0.530	0.713	0.720	0.7165	11.20	0.987	6.60	0.451
0.540	0.746	0.753	0.7495	11.25	1.000	6.70	0.469
0.550	0.753	0.747	0.7500	11.30	0.993	6.75	0.495
0.560	0.730	0.733	0.7315	11.40	1.000	6.80	0.518
0.570	0.733	0.765	0.7490	11.50	0.957	6.90	0.360
0.580	0.767	0.791	0.7790	11.60	0.883	7.00	0.157

0.590	0.795	0.807	0.8010	11.70	0.758	7.10	0.030
0.600	0.812	0.819	0.8155	11.75	0.708	7.20	0.017
0.610	0.830	0.835	0.8325	11.80	0.652	7.25	0.011
0.620	0.865	0.866	0.8655	11.90	0.587	7.30	0.005
0.630	0.918	0.913	0.9155	12.00	0.532	7.35	0.000
0.640	0.969	0.968	0.9685	12.10	0.441	-	-
0.650	0.996	0.995	0.9955	12.20	0.402	-	-
0.660	1.000	1.000	1.0000	12.25	0.393	-	-
0.670	0.995	0.992	0.9935	12.30	0.386	-	-
0.680	0.972	0.971	0.9715	12.40	0.332	-	-
0.690	0.953	0.972	0.9625	12.50	0.211	-	-
0.700	0.946	0.963	0.9545	12.60	0.107	-	-
0.710	0.937	0.941	0.9390	12.70	0.049	-	-
0.720	0.932	0.919	0.9255	12.75	0.035	-	-
0.730	0.896	0.903	0.8995	12.80	0.022	-	-
0.740	0.884	0.882	0.8830	12.90	0.015	-	-
0.750	0.861	0.858	0.8595	13.00	0.008	-	-
0.760	0.821	0.827	0.8240	13.10	0.000	-	-
0.770	0.806	0.808	0.8070				
0.780	0.774	0.777	0.7755				
0.790	0.748	0.752	0.7500				
0.800	0.720	0.720	0.7200				
0.810	0.690	0.691	0.6905				
0.820	0.658	0.666	0.6620				
0.830	0.621	0.627	0.6240				
0.840	0.595	0.592	0.5935				
0.850	0.565	0.562	0.5635				
0.860	0.526	0.528	0.5270				
0.870	0.489	0.489	0.4890				
0.880	0.454	0.457	0.4555				
0.890	0.420	0.420	0.4200				
0.900	0.379	0.378	0.3785				
0.910	0.342	0.342	0.3420				
0.920	0.308	0.313	0.3105				
0.930	0.266	0.268	0.2670				
0.940	0.238	0.237	0.2375				
0.950	0.201	0.203	0.2020				
0.960	0.172	0.174	0.1730				
0.970	0.148	0.150	0.1490				
0.980	0.128	0.131	0.1295				
0.990	0.108	0.109	0.1085				

1.000	0.093	0.095	0.0940
1.010	0.078	0.080	0.0790
1.020	0.069	0.074	0.0715
1.030	0.060	0.062	0.0610
1.040	0.061	0.057	0.0590
1.050	0.000	0.000	0.0000

1.2 Backup Spectral Configuration

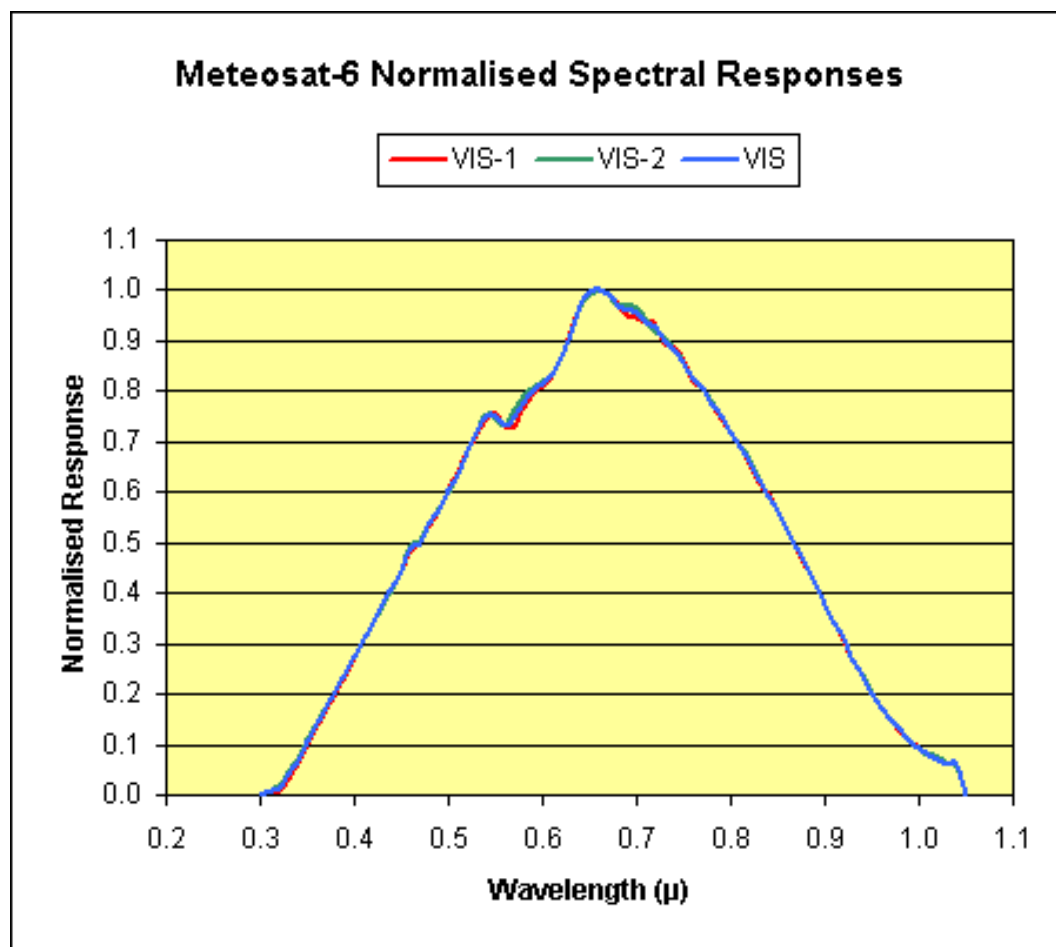
VIS Wavelength	VIS-3 Response	VIS-4 Response	VIS Av. Response	IR-2 Wavelength	IR-2 Response	WV-1 Wavelength	WV-1 Response
0.300	0.000	0.000	0.0000	10.00	0.000	5.40	0.000
0.325	0.093	0.056	0.0745	10.10	0.007	5.50	0.007
0.350	0.168	0.134	0.1510	10.20	0.007	5.60	0.015
0.375	0.242	0.211	0.2265	10.25	0.014	5.70	0.217
0.400	0.317	0.289	0.3030	10.30	0.022	5.75	0.412
0.425	0.392	0.367	0.3795	10.40	0.037	5.80	0.619
0.450	0.479	0.454	0.4665	10.50	0.111	5.90	0.714
0.460	0.509	0.491	0.5000	10.60	0.278	6.00	0.797
0.470	0.521	0.501	0.5110	10.70	0.504	6.10	0.886
0.480	0.548	0.530	0.5390	10.75	0.615	6.20	0.968
0.490	0.574	0.563	0.5685	10.80	0.734	6.25	1.000
0.500	0.603	0.594	0.5985	10.90	0.855	6.30	0.896
0.510	0.638	0.624	0.6310	11.00	0.866	6.40	0.621
0.520	0.681	0.668	0.6745	11.10	0.879	6.50	0.431
0.530	0.722	0.707	0.7145	11.20	0.980	6.60	0.457
0.540	0.752	0.736	0.7440	11.25	0.993	6.70	0.488
0.550	0.754	0.742	0.7480	11.30	0.988	6.75	0.521
0.560	0.740	0.723	0.7315	11.40	1.000	6.80	0.539
0.570	0.739	0.729	0.7340	11.50	0.962	6.90	0.365
0.580	0.768	0.756	0.7620	11.60	0.871	7.00	0.156
0.590	0.808	0.798	0.8030	11.70	0.732	7.10	0.029
0.600	0.818	0.812	0.8150	11.75	0.675	7.20	0.017
0.610	0.830	0.833	0.8315	11.80	0.630	7.25	0.011
0.620	0.862	0.867	0.8645	11.90	0.582	7.30	0.005
0.630	0.908	0.910	0.9090	12.00	0.543	7.35	0.000
0.640	0.960	0.965	0.9625	12.10	0.449	-	-
0.650	0.992	0.995	0.9935	12.20	0.407	-	-

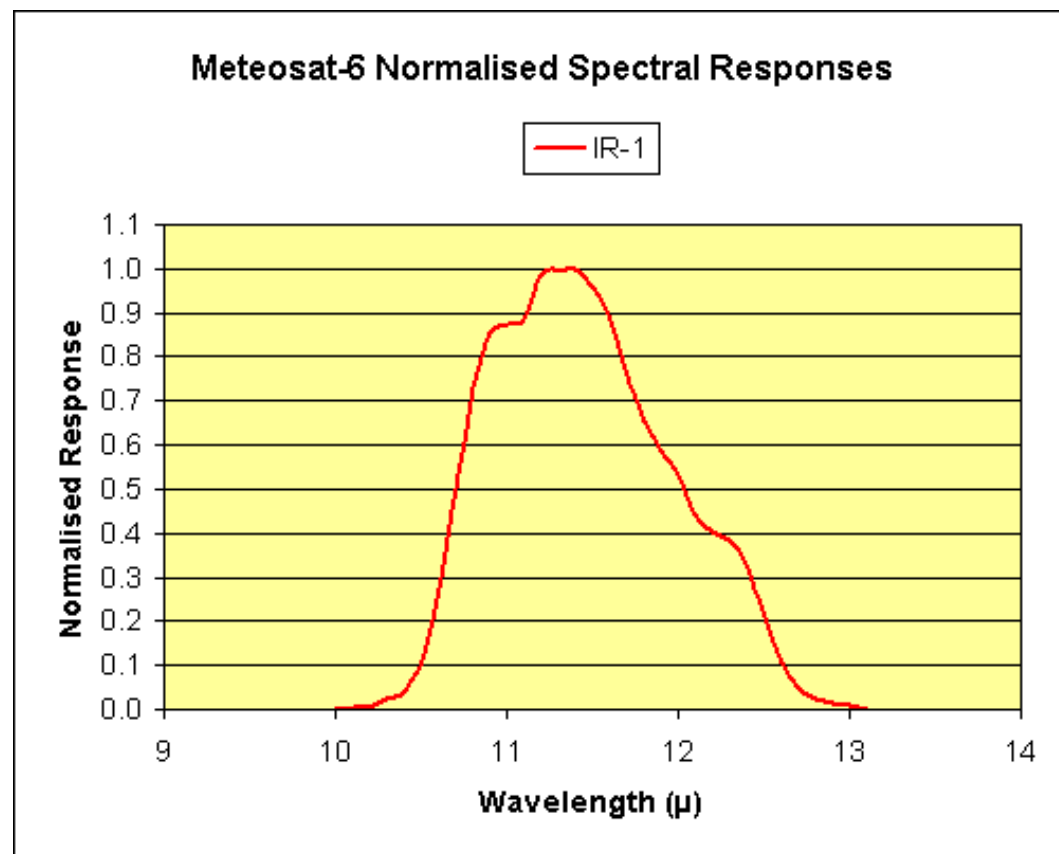
0.660	1.000	1.000	1.0000	12.25	0.398	-	-
0.670	0.990	0.988	0.9890	12.30	0.388	-	-
0.680	0.968	0.968	0.9680	12.40	0.331	-	-
0.690	0.954	0.952	0.9530	12.50	0.208	-	-
0.700	0.939	0.942	0.9405	12.60	0.104		
0.710	0.933	0.932	0.9325	12.70	0.047		
0.720	0.912	0.918	0.9150	12.75	0.034		
0.730	0.887	0.899	0.8930	12.80	0.021		
0.740	0.873	0.874	0.8735	12.90	0.015		
0.750	0.848	0.854	0.8510	13.00	0.008		
0.760	0.815	0.822	0.8185	13.10	0.000		
0.770	0.793	0.803	0.7980				
0.780	0.768	0.773	0.7705				
0.790	0.739	0.749	0.7440				
0.800	0.713	0.715	0.7140				
0.810	0.684	0.688	0.6860				
0.820	0.654	0.663	0.6585				
0.830	0.617	0.619	0.6180				
0.840	0.588	0.592	0.5900				
0.850	0.550	0.560	0.5550				
0.860	0.516	0.521	0.5185				
0.870	0.474	0.482	0.4780				
0.880	0.439	0.448	0.4435				
0.890	0.397	0.413	0.4050				
0.900	0.363	0.371	0.3670				
0.910	0.328	0.334	0.3310				
0.920	0.294	0.302	0.2980				
0.930	0.253	0.262	0.2575				
0.940	0.223	0.228	0.2255				
0.950	0.189	0.199	0.1940				
0.960	0.164	0.169	0.1665				
0.970	0.140	0.146	0.1430				
0.980	0.119	0.127	0.1230				
0.990	0.101	0.106	0.1035				
1.000	0.089	0.092	0.0905				
1.010	0.072	0.076	0.0740				
1.020	0.064	0.072	0.0680				
1.030	0.061	0.065	0.0630				
1.040	0.057	0.057	0.0570				
1.050	0.000	0.000	0.0000				

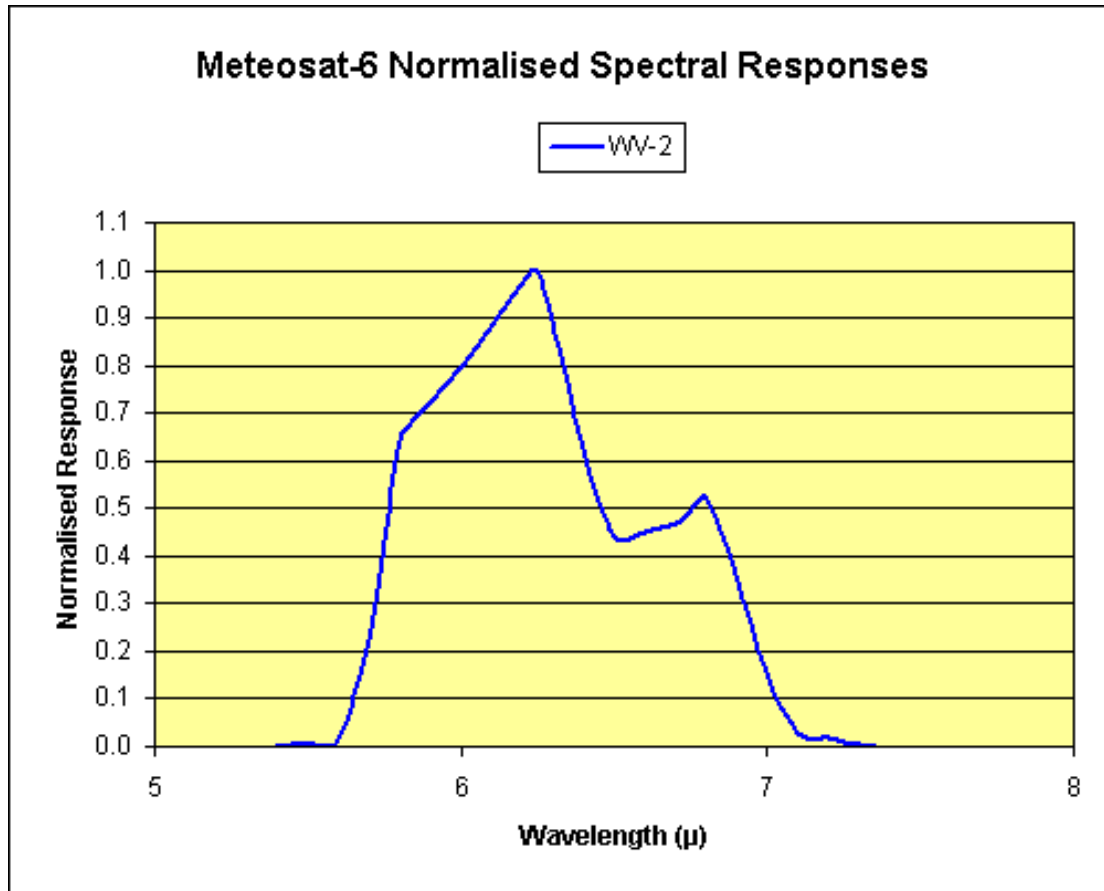
2 GRAPHS

- [Nominal Spectral Configuration](#) (VIS-1/VIS-2, IR-1, WV-2)
- [Backup Spectral Configuration](#) (VIS-3/VIS-4, IR-2, WV-1)

2.1 Nominal Spectral Responses







2.2 Backup Spectral Responses

