

METEOSAT NORMALISED SPECTRAL RESPONSES METEOSAT-5

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	0.029	0.000	0.0145	10.00	0.000	5.400	0.00
0.325	0.108	0.053	0.0805	10.10	0.009	5.500	0.01
0.350	0.187	0.130	0.1585	10.20	0.009	5.600	0.03
0.375	0.266	0.208	0.2370	10.25	0.019	5.700	0.33
0.400	0.344	0.285	0.3145	10.30	0.029	5.800	0.90
0.425	0.423	0.362	0.3925	10.40	0.049	5.900	1.00
0.450	0.517	0.454	0.4855	10.50	0.152	6.000	0.94
0.460	0.550	0.485	0.5175	10.60	0.371	6.100	0.91
0.470	0.553	0.494	0.5235	10.70	0.659	6.200	0.81
0.480	0.587	0.517	0.5520	10.75	0.795	6.225	0.80
0.490	0.612	0.547	0.5795	10.80	0.917	6.275	0.85
0.500	0.652	0.576	0.6140	10.90	1.000	6.300	0.82
0.510	0.686	0.615	0.6505	11.00	0.949	6.400	0.70
0.520	0.721	0.666	0.6935	11.10	0.882	6.500	0.64
0.530	0.768	0.717	0.7425	11.20	0.899	6.600	0.49
0.540	0.813	0.732	0.7725	11.25	0.870	6.625	0.49
0.550	0.804	0.729	0.7665	11.30	0.839	6.700	0.55
0.560	0.760	0.712	0.7360	11.40	0.795	6.800	0.57
0.570	0.762	0.709	0.7355	11.50	0.712	6.900	0.40
0.580	0.791	0.734	0.7625	11.60	0.657	7.000	0.19

0.590	0.825	0.777	0.8010	11.70	0.565	7.100	0.04
0.600	0.840	0.798	0.8190	11.75	0.527	7.200	0.02
0.610	0.849	0.819	0.8340	11.80	0.504	7.300	0.01
0.620	0.890	0.859	0.8745	11.90	0.489	7.400	0.00
0.630	0.932	0.907	0.9195	12.00	0.482		
0.640	0.972	0.961	0.9665	12.10	0.416	-	-
0.650	1.000	0.996	0.9980	12.20	0.395	-	-
0.660	0.994	1.000	0.9970	12.25	0.394	-	-
0.670	0.956	0.976	0.9660	12.30	0.398	-	-
0.680	0.926	0.946	0.9360	12.40	0.363	-	-
0.690	0.911	0.931	0.9210	12.50	0.243	-	-
0.700	0.879	0.913	0.8960	12.60	0.125		
0.710	0.870	0.906	0.8880	12.70	0.058		
0.720	0.858	0.892	0.8750	12.75	0.042		
0.730	0.826	0.874	0.8500	12.80	0.026		
0.740	0.822	0.857	0.8395	12.90	0.018		
0.750	0.804	0.829	0.8165	13.00	0.009		
0.760	0.777	0.802	0.7895	13.10	0.000		
0.770	0.749	0.786	0.7675				
0.780	0.721	0.755	0.7380				
0.790	0.695	0.734	0.7145				
0.800	0.667	0.711	0.6890				
0.810	0.635	0.684	0.6595				
0.820	0.605	0.661	0.6330				
0.830	0.572	0.632	0.6020				
0.840	0.546	0.606	0.5760				
0.850	0.523	0.584	0.5535				
0.860	0.494	0.562	0.5280				
0.870	0.454	0.528	0.4910				
0.880	0.433	0.499	0.4660				
0.890	0.402	0.462	0.4320				
0.900	0.369	0.424	0.3965				
0.910	0.339	0.396	0.3675				
0.920	0.302	0.353	0.3275				
0.930	0.260	0.307	0.2835				
0.940	0.234	0.276	0.2550				
0.950	0.199	0.237	0.2180				
0.960	0.175	0.208	0.1915				
0.970	0.152	0.180	0.1660				
0.980	0.129	0.155	0.1420				
0.990	0.115	0.133	0.1240				

1.000	0.098	0.112	0.1050
1.010	0.088	0.097	0.0925
1.020	0.081	0.087	0.0840
1.030	0.076	0.074	0.0750
1.040	0.077	0.066	0.0715
1.050	0.000	0.000	0.0000

1.2 Backup Spectral Configuration

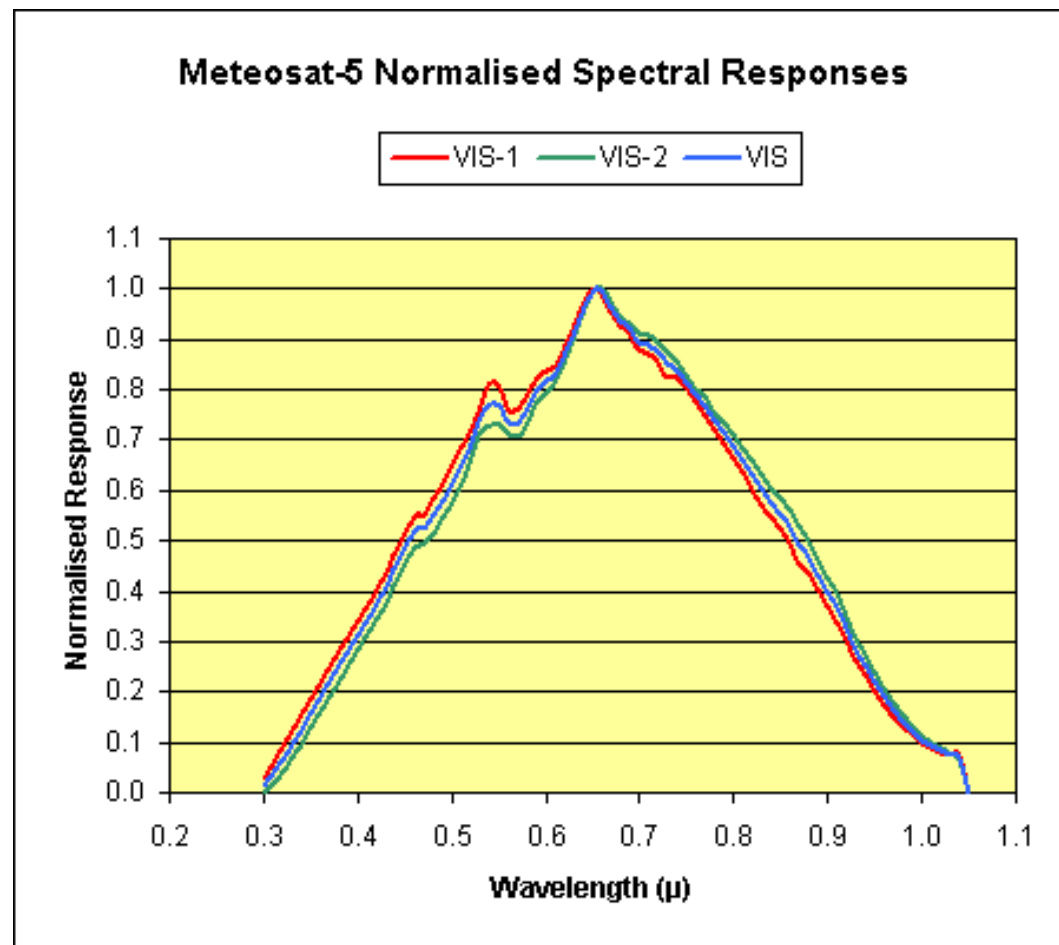
VIS Wavelength	VIS-3 Response	VIS-4 Response	VIS Av. Response	IR-2 Wavelength	IR-2 Response	WV-1 Wavelength	WV-1 Response
0.300	0.000	0.000	0.0000	10.00	0.000	5.400	0.00
0.325	0.060	0.000	0.0300	10.10	0.009	5.500	0.01
0.350	0.139	0.069	0.1040	10.20	0.009	5.600	0.03
0.375	0.218	0.160	0.1890	10.25	0.018	5.700	0.34
0.400	0.296	0.250	0.2730	10.30	0.028	5.800	0.95
0.425	0.375	0.341	0.3580	10.40	0.048	5.900	1.00
0.450	0.466	0.531	0.4985	10.50	0.149	6.000	0.95
0.460	0.494	0.454	0.4740	10.60	0.362	6.100	0.93
0.470	0.505	0.479	0.4920	10.70	0.642	6.200	0.84
0.480	0.540	0.492	0.5160	10.75	0.774	6.225	0.83
0.490	0.568	0.534	0.5510	10.80	0.901	6.275	0.91
0.500	0.600	0.568	0.5840	10.90	1.000	6.300	0.87
0.510	0.640	0.651	0.6455	11.00	0.966	6.400	0.74
0.520	0.680	0.710	0.6950	11.10	0.905	6.500	0.69
0.530	0.728	0.747	0.7375	11.20	0.930	6.600	0.53
0.540	0.748	0.774	0.7610	11.25	0.904	6.625	0.52
0.550	0.751	0.801	0.7760	11.30	0.870	6.700	0.60
0.560	0.731	0.761	0.7460	11.40	0.819	6.800	0.61
0.570	0.731	0.726	0.7285	11.50	0.728	6.900	0.48
0.580	0.756	0.789	0.7725	11.60	0.671	7.000	0.22
0.590	0.800	0.830	0.8150	11.70	0.574	7.100	0.04
0.600	0.820	0.843	0.8315	11.75	0.535	7.200	0.03
0.610	0.834	0.863	0.8485	11.80	0.507	7.300	0.01
0.620	0.870	0.886	0.8780	11.90	0.486	7.400	0.00
0.630	0.920	0.940	0.9300	12.00	0.472	-	-
0.640	0.973	0.972	0.9725	12.10	0.340	-	-
0.650	1.000	1.000	1.0000	12.20	0.261	-	-

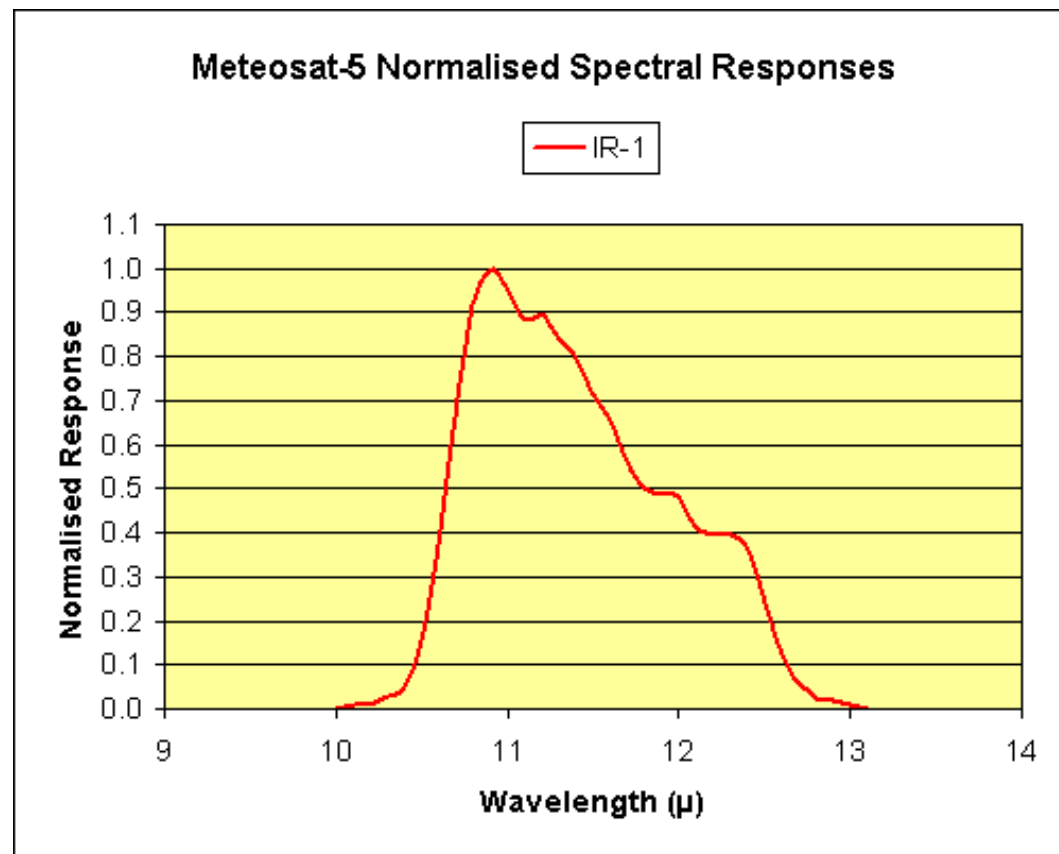
0.660	0.999	0.964	0.9815	12.25	0.230	-	-
0.670	0.974	0.925	0.9495	12.30	0.238	-	-
0.680	0.948	0.906	0.9270	12.40	0.227	-	-
0.690	0.932	0.885	0.9085	12.50	0.158	-	-
0.700	0.915	0.876	0.8955	12.60	0.083		
0.710	0.905	0.868	0.8865	12.70	0.039		
0.720	0.889	0.868	0.8785	12.75	0.029		
0.730	0.873	0.843	0.8580	12.80	0.018		
0.740	0.857	0.817	0.8370	12.90	0.013		
0.750	0.826	0.797	0.8115	13.00	0.007		
0.760	0.798	0.773	0.7855	13.10	0.000		
0.770	0.773	0.742	0.7575				
0.780	0.747	0.711	0.7290				
0.790	0.728	0.682	0.7050				
0.800	0.693	0.654	0.6735				
0.810	0.667	0.626	0.6465				
0.820	0.639	0.584	0.6115				
0.830	0.608	0.551	0.5795				
0.840	0.582	0.527	0.5545				
0.850	0.559	0.503	0.5310				
0.860	0.532	0.489	0.5105				
0.870	0.499	0.445	0.4720				
0.880	0.469	0.416	0.4425				
0.890	0.434	0.381	0.4075				
0.900	0.400	0.347	0.3735				
0.910	0.370	0.316	0.3430				
0.920	0.331	0.282	0.3065				
0.930	0.285	0.242	0.2635				
0.940	0.253	0.219	0.2360				
0.950	0.218	0.191	0.2045				
0.960	0.191	0.165	0.1780				
0.970	0.164	0.142	0.1530				
0.980	0.141	0.122	0.1315				
0.990	0.122	0.106	0.1140				
1.000	0.100	0.093	0.0965				
1.010	0.087	0.082	0.0845				
1.020	0.075	0.075	0.0750				
1.030	0.068	0.074	0.0710				
1.040	0.060	0.072	0.0660				
1.050	0.000	0.000	0.0000				

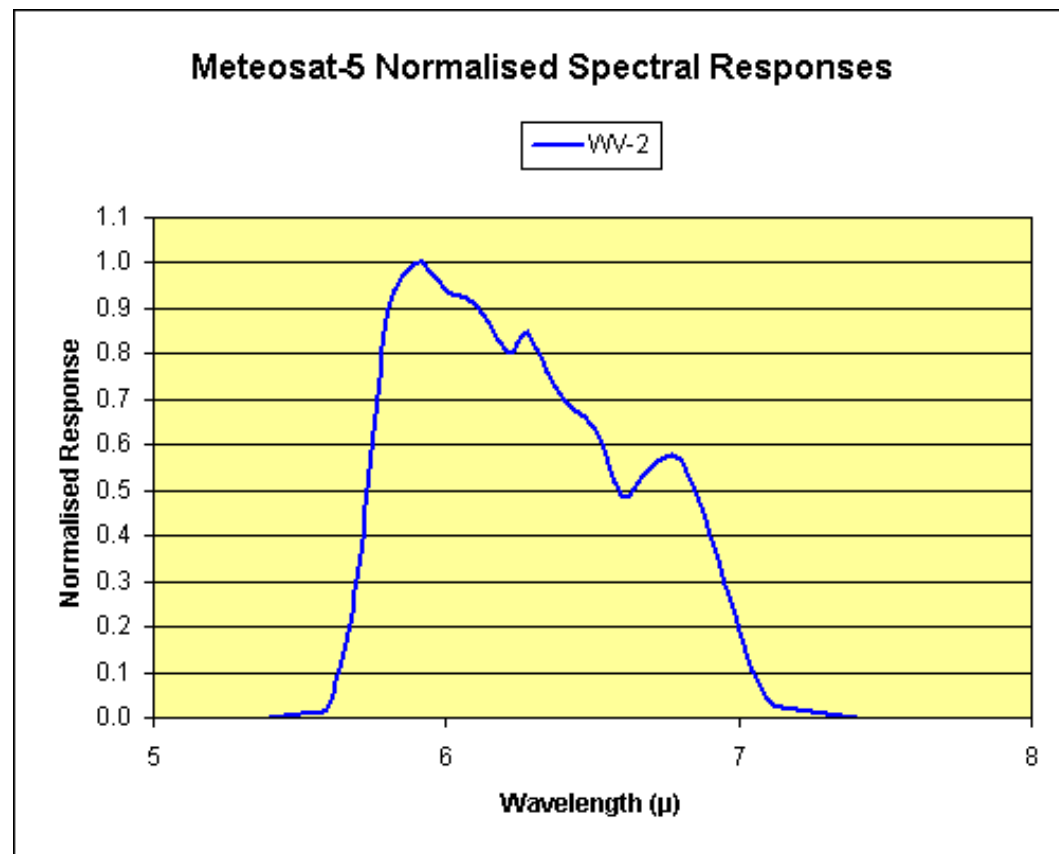
2 GRAPHS

- [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

