Example of SVC SIG file in Reflectance Mode

kagas5_f_004

	A	B	C	D	E	F	G	H	I	J	K	L
1	/***	Spectra	Vista	SIG	Data	***/						
2	name=	kagas5_f_004.sig										
3	instrumer	HR:	951027	(HR-1024)								
4	integratio	30	38.4	30	100	60	30					
5	scan	time=	1	1								
6	scan	settings=	AD	AI	AD	AI						
7	external	data	set1=	0	0	0	0	0	0	0	0	0
8	external	data	set2=	0	0	0	0	0	0	0	0	0
9	external	data	dark=	0	0	0	0	0	0	0	0	
10	external	data	mask=	0								
11	optic=	LENS	4(1)	LENS	4(1)							
12	temp=	34.5	8.9	-5.4	33.8	8.9	-5.4					
13	battery=	7.34	7.35									
14	error=	0	0									
15	units=	Radiance	Radiance									
16	time=	########	10:45:43 AM		########	10:46:22 AM						
17	longitude=											
18	latitude=											
19	gpstime=											
20	comm=											
21	memory	slot=	0	0								
22	factors=	Reference Values	Target Values		1 [Overlap: Remove	@			980	1900 Matching	Type:	None]
23	data=				Reflectance [percent]							
24	341.7	41283.37	1289.45	3.12								
25	343.2	42890.42	1322.55	3.08								
26	344.8	45651.2	1404.48	3.08								
27	346.4	48889.75	1460.55	2.99								
28	348	53556.25	1567.5	2.93								
29	349.5	58410.67	1677.03	2.87								
30	351.1	62997.17	1774.15	2.82								

wavelength [nm]
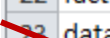
Reference/Target Values' units depend on which calibration table or fore-optic was in use:
Radiance: $10^{-10} * W/(cm^2 * nm * sr)$
Irradiance: $10^{-10} * W/(cm^2 * nm)$
RAW DN: counts

Reflectance = (Target/Reference)*100
Reflectance = (1774.15/62997.17)*100 = 2.82