

N43RF Analog Source & ADC Channel Assignments

TexAQS - Ozone '06

31 July 06 TL

Analog Source	Instrument	ADC Input	KCON	Analog Source	Instrument	ADC Input	KCON
00	J-W Liquid Water	00	251	48	AXBT Channel #1	48	299
01	Total Temperature #1	01	252	49	AXBT Channel #2	49	300
02	Total Temperature #2	02	253	50	AXBT Channel #3	50	301
03	Dewpoint #1 - General Eastern	03	254	51	CSD - WAS Motor Control	51	302
05	Attack Pressure (AP)	04	255	52	CSD - WAS Can Number	52	303
06	Dynamic Attack Pressure (DAP)	05	256	53	CSD - WAS Manifold Pressure	53	304
07	Sideslip Pressure (BP)	06	257	54	CSD - PAN	54	305
08	Dynamic Sideslip Pressure (DBP)	07	258	55	CSD - PAN Cal	55	306
15	PS1 - Wingtip Rosemount 1281	08	259	56	CSD - N2O5	56	307
04	PQ1 - Wingtip Rosemount 1281	09	260	57	CSD - Dry Extinction (Mm-1)	57	308
10	Down PRT-5 Radiometer (SST)	10	261			58	309
		11	262			59	310
09	Side PRT-5 Radiometer (CO2)	12	263			60	311
		13	264			61	312
12	Vertical Accelerometer #2	14	265			62	313
11	Vertical Accelerometer #1	15	266			63	314
16	Radome Attack Pressure	16	267			64	315
17	Radome Sideslip Pressure	17	268			65	316
18	PQ4 - Radome Diff Pressure	18	269			66	317
19	Radome Impact Pressure	19	270			67	318
20	Total Temp #3 (Port)	20	271			68	319
		21	272			69	320
		22	273			70	321
		23	274			71	322
24	Dewpoint #2 - EdgeTech Vigilant	24	275			72	323
		25	276			73	324
		26	277			74	325
27	Dewpoint #3 - TDL	27	278			75	326
		28	279			76	327
		29	280			77	328
30	WVSS-II	30	281			78	329
31	King Liquid Water	31	282			79	330
32	PS2 - CoPilot Rosemount 1281	32	283			00	
33	PQ2 - CoPilot Rosemount 1281	33	284			01	
34	PQ3 - CoPilot Rosemount 1221F	34	285			02	
35	TT1 Heater Current	35	286			03	
36	TT2 Heater Current	36	287			04	
		37	288			05	
		38	289			06	
		39	290			07	
		40	291			08	
		41	292			09	
		42	293			10	
		43	294			11	
		44	295			12	
		45	296			13	
		46	297	14	TA to TDL 0-10 VDC	14	
		47	298	15	PS to TDL 0-10VDC	15	

Analog Output

DAC

DAF

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		37	288			05	
		38	289			06	
		39	290			07	
		40	291			08	
		41	292			09	
		42	293			10	
		43	294			11	
		44	295			12	
		45	296			13	
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		47	298	15	PS to TDL 0-10VDC	15	

Analog Output

DAC

DAF

