

7 GHz Block

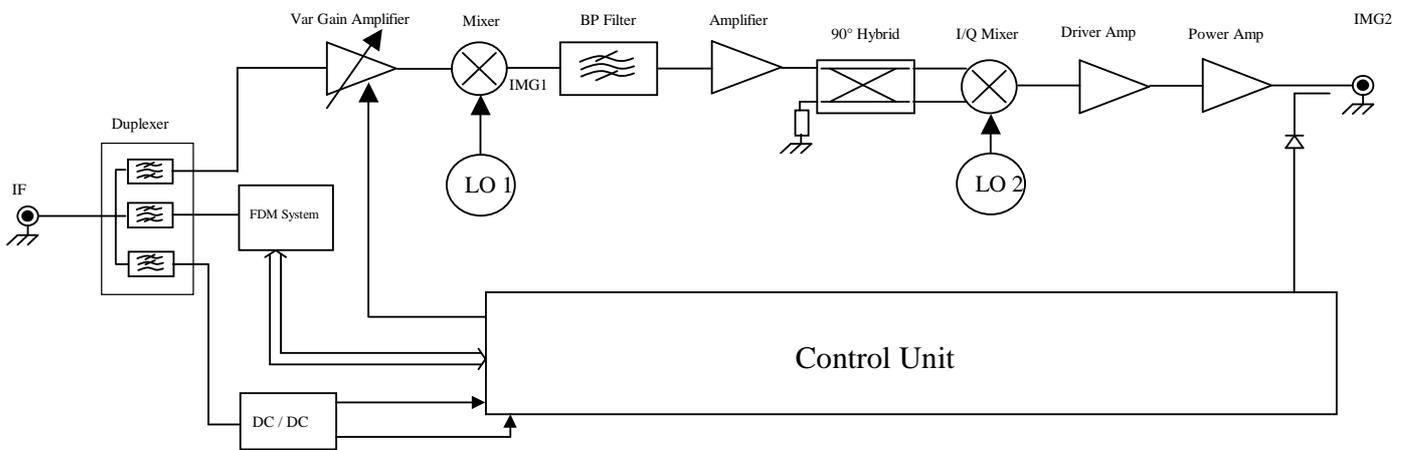
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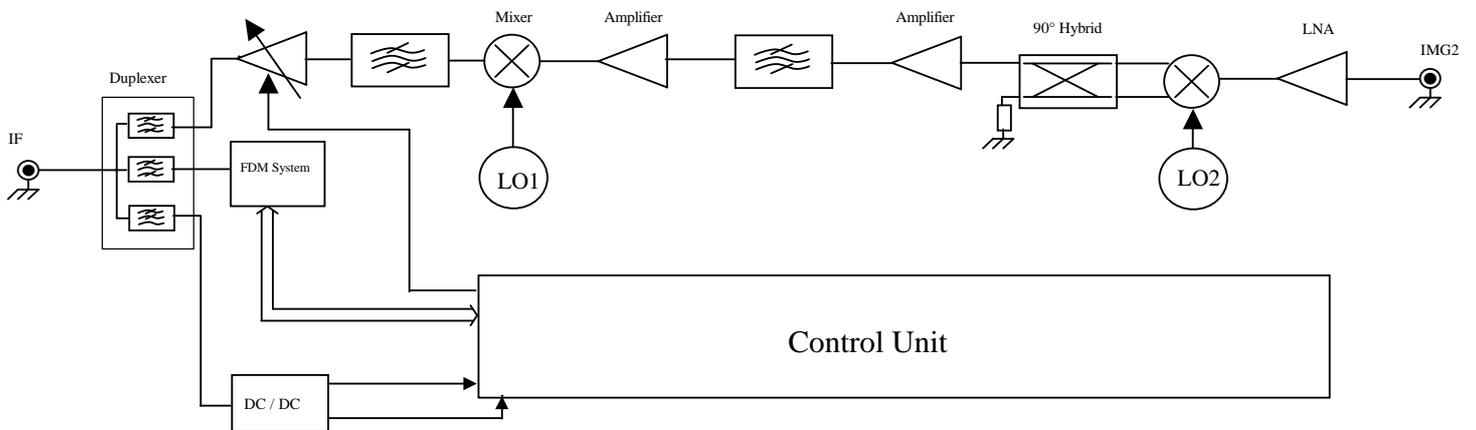
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1. RF parts block scheme

**TRANSMITTER PART
A4D-ES6T/1**



**RECEIVER PART
A4D-ES6R/1**



2. LO , IF and RF Frequency tables

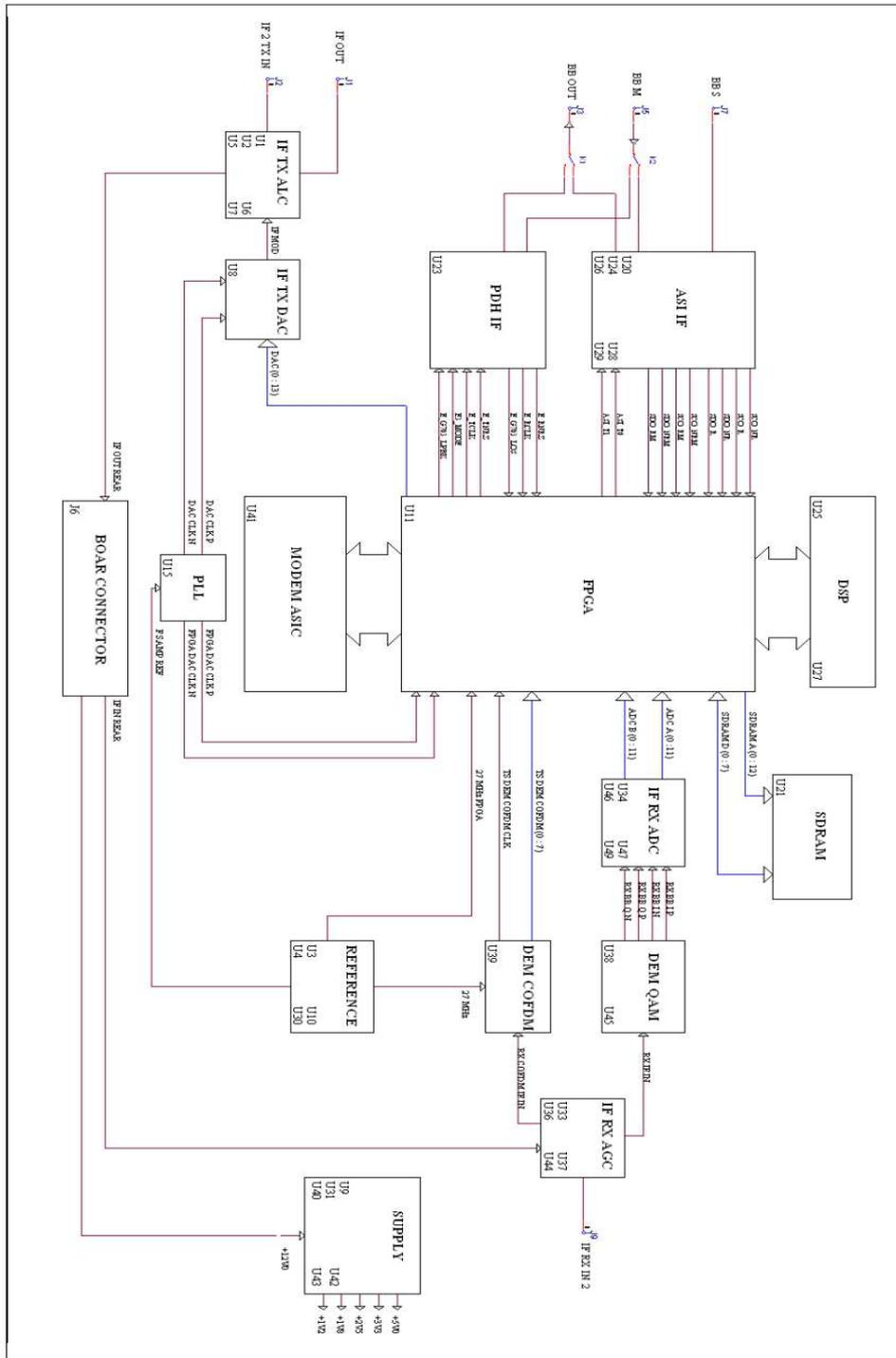
ODU	IF	LO1	IMG1	LO2		IMG2	
A4D-ES6T/1	70	1610	1540	7940	8740	6400	7200
A4D-ES6R/1	70	1610	1540	7940	8740	6400	7200

3. RF parts channel frequency tables

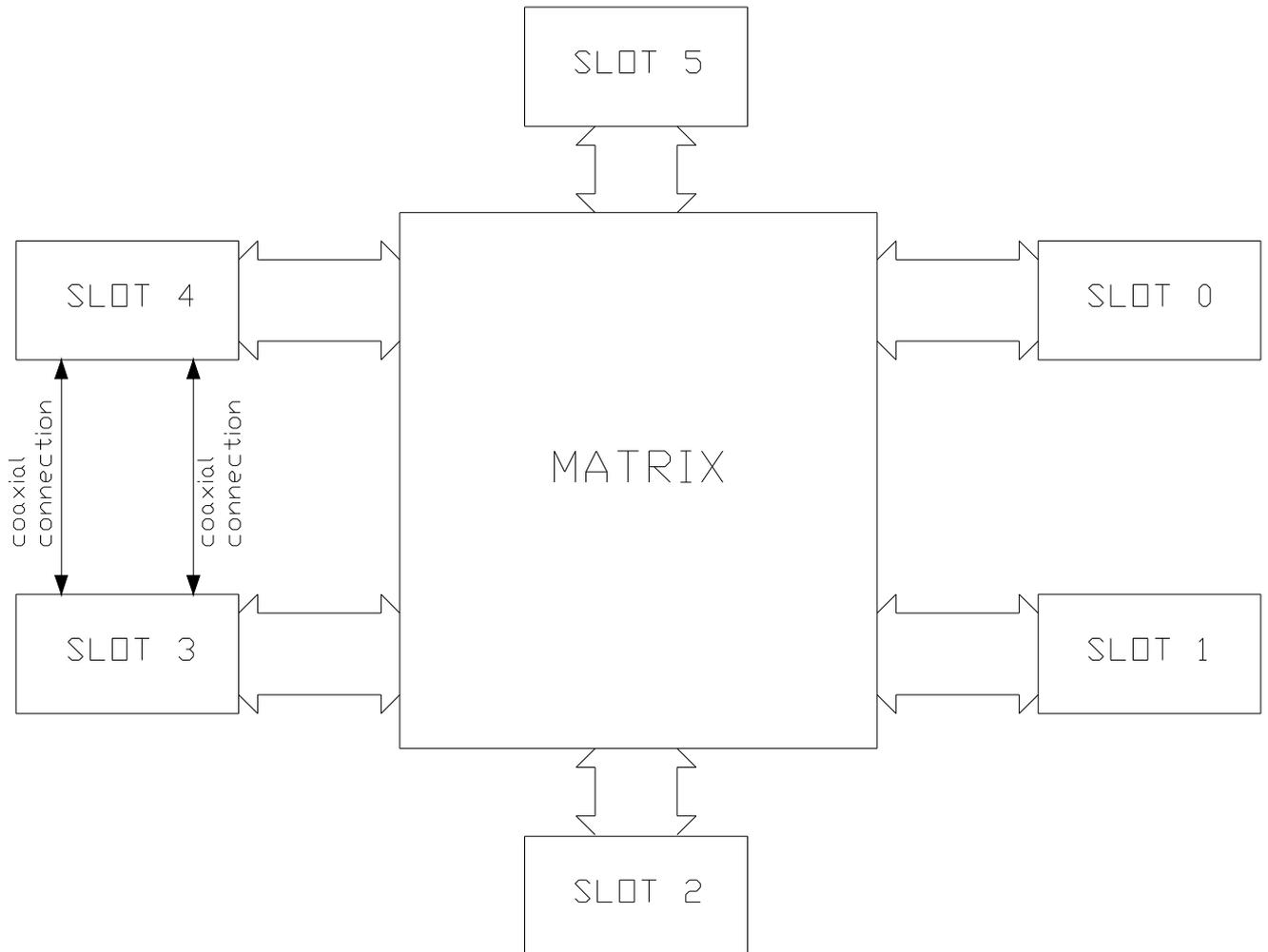
Model A4D-ES6T/1 Standard Version																	
Ch.	IMG2	Ch.	IMG2	Ch.	IMG2	Ch.	IMG2	Ch.	IMG2	Ch.	IMG2	Ch.	IMG2	Ch.	IMG2	Ch.	IMG2
1	6412	33	6796	65	7180	97	6593.75	129	6793.75	161	6993.75	193	7193.75	FCC	225	7040	ETSI 20 MHz
2	6424	34	6808	66	7192	98	6600	130	6800	162	7000	194	6420		226	7060	
3	6436	35	6820	67	6406.25	99	6606.25	131	6806.25	163	7006.25	195	6440		227	7080	
4	6448	36	6832	68	6412.5	100	6612.5	132	6812.5	164	7012.5	196	6460		228	7100	
5	6460	37	6844	69	6418.75	101	6618.75	133	6818.75	165	7018.75	197	6480		229	7120	
6	6472	38	6856	70	6425	102	6625	134	6825	166	7025	198	6500		230	7140	
7	6484	39	6868	71	6431.25	103	6631.25	135	6831.25	167	7031.25	199	6520		231	7160	
8	6496	40	6880	72	6437.5	104	6637.5	136	6837.5	168	7037.5	200	6540		232	7180	
9	6508	41	6892	73	6443.75	105	6643.75	137	6843.75	169	7043.75	201	6560		233	n.a.	
10	6520	42	6904	74	6450	106	6650	138	6850	170	7050	202	6580		234	n.a.	
11	6532	43	6916	75	6456.25	107	6656.25	139	6856.25	171	7056.25	203	6600		235	n.a.	
12	6544	44	6928	76	6462.5	108	6662.5	140	6862.5	172	7062.5	204	6620		236	n.a.	
13	6556	45	6940	77	6468.75	109	6668.75	141	6868.75	173	7068.75	205	6640		237	n.a.	
14	6568	46	6952	78	6475	110	6675	142	6875	174	7075	206	6660		238	n.a.	
15	6580	47	6964	79	6481.25	111	6681.25	143	6881.25	175	7081.25	207	6680		239	n.a.	
16	6592	48	6976	80	6487.5	112	6687.5	144	6887.5	176	7087.5	208	6700		240	n.a.	
17	6604	49	6988	81	6493.75	113	6693.75	145	6893.75	177	7093.75	209	6720		241	n.a.	
18	6616	50	7000	82	6500	114	6700	146	6900	178	7100	210	6740		242	n.a.	
19	6628	51	7012	83	6506.25	115	6706.25	147	6906.25	179	7106.25	211	6760		243	n.a.	
20	6640	52	7024	84	6512.5	116	6712.5	148	6912.5	180	7112.5	212	6780		244	n.a.	
21	6652	53	7036	85	6518.75	117	6718.75	149	6918.75	181	7118.75	213	6800		245	n.a.	
22	6664	54	7048	86	6525	118	6725	150	6925	182	7125	214	6820		246	n.a.	
23	6676	55	7060	87	6531.25	119	6731.25	151	6931.25	183	7131.25	215	6840		247	n.a.	
24	6688	56	7072	88	6537.5	120	6737.5	152	6937.5	184	7137.5	216	6860		248	n.a.	
25	6700	57	7084	89	6543.75	121	6743.75	153	6943.75	185	7143.75	217	6880		249	n.a.	
26	6712	58	7096	90	6550	122	6750	154	6950	186	7150	218	6900		250	n.a.	
27	6724	59	7108	91	6556.25	123	6756.25	155	6956.25	187	7156.25	219	6920		251	n.a.	
28	6736	60	7120	92	6562.5	124	6762.5	156	6962.5	188	7162.5	220	6940		252	n.a.	
29	6748	61	7132	93	6568.75	125	6768.75	157	6968.75	189	7168.75	221	6960		253	n.a.	
30	6760	62	7144	94	6575	126	6775	158	6975	190	7175	222	6980		254	n.a.	
31	6772	63	7156	95	6581.25	127	6781.25	159	6981.25	191	7181.25	223	7000		255	n.a.	
32	6784	64	7168	96	6587.5	128	6787.5	160	6987.5	192	7187.5	224	7020		256	n.a.	

Model A4D-ES6R/1 Standard Version																
Ch.	IMG2	Ch.	IMG2	Ch.	IMG2	Ch.	IMG2	Ch.	IMG2	Ch.	IMG2	Ch.	IMG2	Ch.	IMG2	
1	6412	33	6796	65	7180	97	6593.75	129	6793.75	161	6993.75	193	7193.75	FCC	225	7040
2	6424	34	6808	66	7192	98	6600	130	6800	162	7000	194	6420		226	7060
3	6436	35	6820	67	6406.25	99	6606.25	131	6806.25	163	7006.25	195	6440		227	7080
4	6448	36	6832	68	6412.5	100	6612.5	132	6812.5	164	7012.5	196	6460		228	7100
5	6460	37	6844	69	6418.75	101	6618.75	133	6818.75	165	7018.75	197	6480		229	7120
6	6472	38	6856	70	6425	102	6625	134	6825	166	7025	198	6500		230	7140
7	6484	39	6868	71	6431.25	103	6631.25	135	6831.25	167	7031.25	199	6520		231	7160
8	6496	40	6880	72	6437.5	104	6637.5	136	6837.5	168	7037.5	200	6540		232	7180
9	6508	41	6892	73	6443.75	105	6643.75	137	6843.75	169	7043.75	201	6560		233	n.a.
10	6520	42	6904	74	6450	106	6650	138	6850	170	7050	202	6580		234	n.a.
11	6532	43	6916	75	6456.25	107	6656.25	139	6856.25	171	7056.25	203	6600		235	n.a.
12	6544	44	6928	76	6462.5	108	6662.5	140	6862.5	172	7062.5	204	6620		236	n.a.
13	6556	45	6940	77	6468.75	109	6668.75	141	6868.75	173	7068.75	205	6640		237	n.a.
14	6568	46	6952	78	6475	110	6675	142	6875	174	7075	206	6660		238	n.a.
15	6580	47	6964	79	6481.25	111	6681.25	143	6881.25	175	7081.25	207	6680		239	n.a.
16	6592	48	6976	80	6487.5	112	6687.5	144	6887.5	176	7087.5	208	6700		240	n.a.
17	6604	49	6988	81	6493.75	113	6693.75	145	6893.75	177	7093.75	209	6720		241	n.a.
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19	6628	51	7012	83	6506.25	115	6706.25	147	6906.25	179	7106.25	211	6760		243	n.a.
20	6640	52	7024	84	6512.5	116	6712.5	148	6912.5	180	7112.5	212	6780		244	n.a.
21	6652	53	7036	85	6518.75	117	6718.75	149	6918.75	181	7118.75	213	6800		245	n.a.
22	6664	54	7048	86	6525	118	6725	150	6925	182	7125	214	6820		246	n.a.
23	6676	55	7060	87	6531.25	119	6731.25	151	6931.25	183	7131.25	215	6840		247	n.a.
24	6688	56	7072	88	6537.5	120	6737.5	152	6937.5	184	7137.5	216	6860		248	n.a.
25	6700	57	7084	89	6543.75	121	6743.75	153	6943.75	185	7143.75	217	6880		249	n.a.
26	6712	58	7096	90	6550	122	6750	154	6950	186	7150	218	6900		250	n.a.
27	6724	59	7108	91	6556.25	123	6756.25	155	6956.25	187	7156.25	219	6920		251	n.a.
28	6736	60	7120	92	6562.5	124	6762.5	156	6962.5	188	7162.5	220	6940		252	n.a.
29	6748	61	7132	93	6568.75	125	6768.75	157	6968.75	189	7168.75	221	6960		253	n.a.
30	6760	62	7144	94	6575	126	6775	158	6975	190	7175	222	6980		254	n.a.
31	6772	63	7156	95	6581.25	127	6781.25	159	6981.25	191	7181.25	223	7000		255	n.a.
32	6784	64	7168	96	6587.5	128	6787.5	160	6987.5	192	7187.5	224	7020		256	n.a.

4. **EK-UNM/2 block scheme**



5. EK-MFR/1 block scheme



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