<The register setting in case of fixed transmission speed>

Our customer doesn't use Auto negociation function and they use following setting with 1000Mbps,100Mbos,10Mbps(fixed speed setting), our customer got following results.

Condition ①10Mbps : Link Up OK, transmission OK

Condition ②100Mbps : Link Up OK(it needs 10s until Link Up could operate), transmission OK

Condition ③1000Mbps : Link Up NG, transmission NG(@1000Mbase Slave setting（Address 0x0009 CFG1 - 0x0200))

Condition ④1000Mbps : Link Up NG, transmission NG(@1000Mbase Master setting（Address 0x0009 CFG1 - 0x1200))

Condition ⑤1000Mbps : Link Up NG, transmission NG(@1000Mbase Master setting（Address 0x0009 CFG1 - 0x1a00))

			Condition⑤		**Condition④**		**Condition③**		**Condition②**		**Condition①**	
Resister name	Address	1000Mbps Setting	The difference of the setting（Link Up）	1000Mbps Setting	The difference of the setting（Link Up）	1000Mbps Setting	The difference of the setting（Link Up）	100Mbps Setting	The difference of the setting（Link Up）	10Mbps Setting	The difference of the setting（Link Up）	Remark the register setting in case of Auto negociation with 1000Mbps setting
			1000Mbase Master setting（CFG1 - 0x1a00）		**1000Mbase Master setting（CFG1 - 0x1200）**		**1000Mbase Slave setting（CFG1 - 0x0200）**					
BMCR	0x00	0x0140	Transmission speed 1000Mbps	0x0140	Transmission speed 1000Mbps	0x0140	Transmission speed 1000Mbps	0x2100	Transmission speed 100Mbps	0x0100	Transmission speed 10Mbps	0x1140
BMSR	0x01	0x7949	(0x9)not Link Up	0x7949	(0x9)not Link Up	0x7949	(0x9)not Link Up	0x794d	(0xd)Link Up	0x794d	(0xd)Link Up	0x796d
PHYSID1	0x02	0x2000	-	0x2000	-	0x2000	-	0x2000	-	0x2000	-	0x2000
PHYSID2	0x03	0xa231	-	0xa231	-	0xa231	-	0xa231	-	0xa231	-	0xa231
ANAR	0x04	0x05e1	-	0x05e1	-	0x05e1	-	0x05e1	-	0x05e1	-	0x0050
ANLPAR	0x05	0x0000	-	0x0000	-	0x0000	-	0x0000	-	0x0000	-	0xcde1
ANER	0x06	0x0064	-	0x0064	-	0x0064	-	0x0064	-	0x0064	-	0x006d
ANNPTR	0x07	0x2001	-	0x2001	-	0x2001	-	0x2001	-	0x2001	-	0x2001
ANNPRR	0x08	0x0000	-	0x0000	-	0x0000	-	0x0000	-	0x0000	-	0x46a2
CFG1	0x09	**0x1a00**	-	**0x1200**	-	**0x0200**	-	0x0200	-	0x0200	-	0x0200
STS1	0x0a	0x0000	-	0x0000	-	0x0000	-	0x0000	-	0x0000	-	0x3c00
REGCR	0x0d	0x401f	-	0x401f	-	0x401f	-	0x401f	-	0x401f	-	0x401f
ADDAR	0x0e	0x0068	-	0x0068	-	0x0068	-	0x0068	-	0x0068	-	0x0068
1KSCR	0x0f	0x3000	-	0x3000	-	0x3000	-	0x3000	-	0x3000	-	0x3000
PHYCR	0x10	0x4040	-	0x4040	-	0x4040	-	0x4040	-	0x4040	-	0x4040
PHYSTS	0x11	0xa802	0xa (1000Mbps,full duple), 0x08(Auto-Negotiation has completed or is disabled.)	0xab02	0xa (1000Mbps,full duple), 0x08(Auto-Negotiation has completed or is disabled.)	0xa802	0xa (1000Mbps,full duple), 0x08(Auto-Negotiation has completed or is disabled.)	0x6f02	0x6 (100Mbps,full duple),0xF(Auto-Negotiation has completed or is disabled.,Link is up.,Resolved	0x2f02	0x6 (10Mbps,full duple),0xF(Auto-Negotiation has completed or is disabled.,Link is up.,Resolved as MDIX.1 = Resolved as MDIX)	0xaf02
MICR	0x12	0x0000	-	0x0000	-	0x0000	-	0x0000	-	0x0000	-	0x0000
ISR	0x13	0x0040	MDI_CROSSOVER_CHNG_INT	0x0040	MDI_CROSSOVER_CHNG_INT	0x0040	MDI_CROSSOVER_CHNG_INT	0x4440	SPEED_CHNG_INT, LINK_STATUS_CHNG_INT MDI_CROSSOVER_CHNG_INT	0x4440	SPEED_CHNG_INT, LINK_STATUS_CHNG_INT MDI_CROSSOVER_CHNG_INT	0x0000
CFG2	0x14	0x29c7	-	0x29c7	-	0x29c7	-	0x29c7	-	0x29c7	-	0x29c7
RECR	0x15	0x0000	-	0x0000	-	0x0000	-	0x0000	-	0x0000	-	0x0000
BISCR	0x16	0x0000	-	0x0000	-	0x0000	-	0x0000	-	0x0000	-	0x0000
STS2	0x17	0x0040	-	0x0040	-	0x0040	-	0x0040	-	0x0040	-	0x0040
LEDCR1	0x18	0x6150	-	0x6150	-	0x6150	-	0x6150	-	0x6150	-	0x6150
LEDCR2	0x19	0x4444	-	0x4444	-	0x4444	-	0x4444	-	0x4444	-	0x4444
LEDCR3	0x1a	0x0002	-	0x0002	-	0x0002	-	0x0002	-	0x0002	-	0x0002
CFG3	0x1e	0x0002	-	0x0002	-	0x0002	-	0x0002	-	0x0002	-	0x0002
CTRL	0x1f	0x0000	-	0x0000	-	0x0000	-	0x0000	-	0x0000	-	0x0000