Bit number				31 30 29 28 27 26 25 24 23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 0
ID				D D D D D D D D C C C C C C C C B B B B B B B B A A A
Reset 0x052D0000				**0 0 0 0 0 1 0 1 0 0 1 0 1 1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0**
ID	R/W	Field	Value ID	Value	Description
A	RW	CCAMODE			CCA mode of operation
			EdMode	0	Energy above threshold Will report busy whenever energy is detected above CCAEDTHRES
			CarrierMode	1	Carrier seen Will report busy whenever compliant IEEE 802.15.4 signal is seen
			CarrierAndEdMode	2	Energy above threshold AND carrier seen
			CarrierOrEdMode	3	Energy above threshold OR carrier seen
			EdModeTest1	4	Energy above threshold test mode that will abort when first ED measurement over threshold is seen. No averaging.
B	RW	CCAEDTHRES			CCA energy busy threshold. Used in all the CCA modes except CarrierMode. Must be converted from IEEE 802.15.4 range by dividing by factor ED_RSSISCALE - similar to EDSAMPLE register
C	RW	CCACORRTHRES			CCA correlator busy threshold. Only relevant to CarrierMode, CarrierAndEdMode, and CarrierOrEdMode.
D	RW	CCACORRCNT			Limit for occurances above CCACORRTHRES. When not equal to zero the corrolator based signal detect is enabled.

8.17.14.104 DATAWHITE

Address offset: 0x540

Data whitening configuration

Bit number				31 30 29 28 27 26 25 24 23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 0
ID				B B B B B B B B A A A A A A A A
Reset 0x00890040				**0 0 0 0 0 0 0 0 1 0 0 0 1 0 0 1 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0**
ID	R/W	Field	Value ID	Value	Description
A	RW	IV			Whitening initial value Data whitening initial value.
B	RW	POLY			Whitening polynomial Data whitening polynomial. Bit 0 is always interpreted as 1.

8.17.14.105 AUXDATA.CNF[n] (n=0..1)

Address offset: 0x548 + (n × 0x4)

AUXDATA configuration

This register will not be reset by the SOFTRESET task

Bit number				31 30 29 28 27 26 25 24 23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 0
ID				B A A A A
Reset 0x00000000				**0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0**
ID	R/W	Field	Value ID	Value	Description
A	RW	ACQMODE			Acquisition mode (data from RADIO written to memory)
			Rtt	7	Baseband Channel Sounding RTT Data
B	RW	DIR			Data acquisition or injection
			Acq	0	Peripheral to memory
			Inj	1	Memory to peripheral