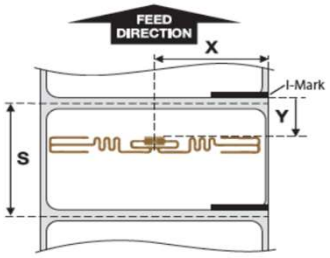
CL4NX Plus UHF Inlay Configuration Guide

SATO recommends print speeds of 4 IPS or less for best results with RFID.
The following recommendations have been tested successfully at SATO.
Results may vary in the actual customer installation due to overall system tolerances.
Validation of functionality in the actual system is therefore recommended.

FCC Valid for Frequencies that fall within the FCC range, 902-928MHz
ETSI Placement and Configurations valid for European (ETSI) freqency range, 865-868MHz

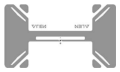
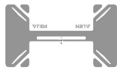


Inlay Measurements:
X: Liner Edge to Center of Inlay
Y: Rear of Imark (Imark sensor) or front of label (gap sensor) to front of inlay.
S: Minimum Inlay Separation

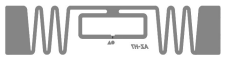
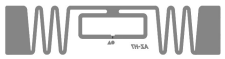
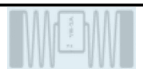
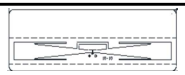
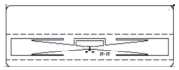
				Antenna Size [mm]					Position(mm)							Power (dBm)			Antenna Position [mm]	
Region	Manufacturer	Inlay	IC Chip	Width	x	Length	IC Direction	Feed Orientation	X			Y			S	Write	Read	Antenna Selection	X In case of minus value, set minimum to 0. In case of the value over 36, set maximum to 36.	Y
ETSI	SATO	ST7015R6-RE02 "RE02-R6"	Impinj MonzaR6	70	x	15	IC Facing UP		39	to	53	11	to	15	44	24	21	Front	0	30
ETSI	SATO	ST7015R6-RE02 "RE02-R6"	Impinj MonzaR6	70	x	15			39	to	53	21	to	26	32	11	11	Normal	Set value = X Position -23 (16 - 30)	5
FCC	SATO	ST7015R6-RE02 "RE02-R6"	Impinj MonzaR6	70	x	15	IC Facing UP		39	to	53	2	to	5	39	23	23	Front	0	30
FCC	SATO	ST7015R6-RE02 "RE02-R6"	Impinj MonzaR6	70	x	15			39	to	53	23	to	28	32	14	14	Normal	Set value = X Position -23 (16 - 30)	5
ETSI	SATO	ST7015R6-RE01 "RE01-R6"	Impinj MonzaR6	70	x	15	IC Facing UP		39	to	53	6	to	11	37	19	19	Front	0	30
ETSI	SATO	ST7015R6-RE01 "RE01-R6"	Impinj MonzaR6	70	x	15			39	to	53	20	to	25	42	20	20	Normal	Set value = X Position -23 (16 - 30)	5
FCC	SATO	ST7015R6-RE01 "RE01-R6"	Impinj MonzaR6	70	x	15	IC Facing UP		39	to	53	6	to	11	39	17	15	Front	0	30
FCC	SATO	ST7015R6-RE01 "RE01-R6"	Impinj MonzaR6	70	x	15			39	to	53	20	to	25	35	12	12	Normal	Set value = X Position -23 (16 - 30)	5
ETSI	SATO	ST2509R6-MK01 "E-Tako-R6"	Impinj MonzaR6	25	x	9	IC Facing UP		16.5	to	30.5	11	to	16	25	15	14	Front	0	30
ETSI	SATO	ST2509R6-MK01 "E-Tako-R6"	Impinj MonzaR6	25	x	9			16.5	to	30.5	25	to	30	39	16	16	Normal	Set value = X Position -22.5 (0 - 8)	5
FCC	SATO	ST2509R6-MK01 "E-Tako-R6"	Impinj MonzaR6	25	x	9	IC Facing UP		16.5	to	30.5	11	to	16	24	14	14	Front	0	30
FCC	SATO	ST2509R6-MK01 "E-Tako-R6"	Impinj MonzaR6	25	x	9			16.5	to	30.5	25	to	30	46	20	20	Normal	Set value = X Position -22.5 (0 - 8)	5
ETSI	SATO	ST5030R6-MK01 "Kani-R6"	Impinj MonzaR6	50	x	30	IC Facing UP		29	to	43	2	to	3	40	20	14	Front	0	30
ETSI	SATO	ST5030R6-MK01 "Kani-R6"	Impinj MonzaR6	50	x	30			29	to	43	10	to	15	40	11	11	Normal	Set value = X Position -23 (6 - 20)	5
FCC	SATO	ST5030R6-MK01 "Kani-R6"	Impinj MonzaR6	50	x	30	IC Facing UP		29	to	43	2	to	3	40	13	13	Front	0	30
FCC	SATO	ST5030R6-MK01 "Kani-R6"	Impinj MonzaR6	50	x	30			29	to	43	10	to	15	40	8	8	Normal	Set value = X Position -23 (6 - 20)	5
ETSI	SATO	ST5030U8-MK01 "Kani-U8"	NXP UCODE 8	50	x	30	IC Facing UP		29	to	43	2	to	3	37	18	18	Front	0	30
ETSI	SATO	ST5030U8-MK01 "Kani-U8"	NXP UCODE 8	50	x	30			29	to	43	15	to	20	51	21	21	Normal	Set value = X Position -23 (6 - 20)	5
FCC	SATO	ST5030U8-MK01 "Kani-U8"	NXP UCODE 8	50	x	30	IC Facing UP		29	to	43	2	to	3	44	23	13	Front	0	30
FCC	SATO	ST5030U8-MK01 "Kani-U8"	NXP UCODE 8	50	x	30			29	to	43	9	to	14	55	21	21	Normal	Set value = X Position -23 (6 - 20)	5

				Antenna Size [mm]					Position(mm)								Power (dBm)			Antenna Position [mm]	
Region	Manufacturer	Inlay	IC Chip	Width	x	Length	IC Direction	Feed Orientation	X				Y			S	Write	Read	Antenna Selection	X In case of minus value, set minimum to 0. In case of the value over 36, set maximum to 36.	Y
ETSI	SATO	ST3028R6-RE01 "MPY-R6"	Impinj MonzaR6	28	x	30	IC Facing Below		NG	to			to						Front	
ETSI	SATO	ST3028R6-RE01 "MPY-R6"	Impinj MonzaR6	28	x	30			26	to	32	18	to	22	54	21	16	Normal	Set value = X Position -23 (3 - 9)	5
FCC	SATO	ST3028R6-RE01 "MPY-R6"	Impinj MonzaR6	28	x	30	IC Facing Below		18	to	32	7	to	12	41	20	19	Front	0	30
FCC	SATO	ST3028R6-RE01 "MPY-R6"	Impinj MonzaR6	28	x	30			18	to	32	19	to	24	52	24	24	Normal	Set value = X Position -23 (0 - 9)	5
ETSI	SATO	ST7010M4QT-MK01 "Clover-M4QT"	Impinj Monza4QT	70	x	10	IC Facing UP		39	to	53	2	to	5	26	24	21	Front	0	30
ETSI	SATO	ST7010M4QT-MK01 "Clover-M4QT"	Impinj Monza4QT	70	x	10			39	to	53	21	to	26	45	23	23	Normal	Set value = X Position -23 (16 - 30)	5
FCC	SATO	ST7010M4QT-MK01 "Clover-M4QT"	Impinj Monza4QT	70	x	10	IC Facing UP		39	to	53	2	to	5	23	24	20	Front	0	30
FCC	SATO	ST7010M4QT-MK01 "Clover-M4QT"	Impinj Monza4QT	70	x	10			39	to	53	35	to	40	41	24	24	Normal	Set value = X Position -23 (16 - 30)	5
ETSI	SATO	ST3310R6P-MK01 "Tako-R6P"	Impinj MonzaR6-P	33	x	10	IC Facing UP		20.5	to	34.5	10	to	15	25	15	15	Front	0	30
ETSI	SATO	ST3310R6P-MK01 "Tako-R6P"	Impinj MonzaR6-P	33	x	10			20.5	to	34.5	25	to	30	33	18	13	Normal	Set value = X Position -22.5 (0 - 12)	5
FCC	SATO	ST3310R6P-MK01 "Tako-R6P"	Impinj MonzaR6-P	33	x	10	IC Facing UP		20.5	to	34.5	10	to	15	27	15	15	Front	0	30
FCC	SATO	ST3310R6P-MK01 "Tako-R6P"	Impinj MonzaR6-P	33	x	10			20.5	to	34.5	25	to	30	41	21	21	Normal	Set value = X Position -22.5 (0 - 12)	5
ETSI	SATO	ST3318U8-MK01 "Tab-U8"	NXP UCODE 8	33	x	18	IC Facing UP		20.5	to	34.5	10	to	15	33	17	17	Front	0	30
ETSI	SATO	ST3318U8-MK01 "Tab-U8"	NXP UCODE 8	33	x	18			20.5	to	34.5	22	to	27	46	16	16	Normal	Set value = X Position -22.5 (0 - 12)	5
FCC	SATO	ST3318U8-MK01 "Tab-U8"	NXP UCODE 8	33	x	18	IC Facing UP		20.5	to	34.5	10	to	15	34	12	12	Front	0	30
FCC	SATO	ST3318U8-MK01 "Tab-U8"	NXP UCODE 8	33	x	18			20.5	to	34.5	22	to	27	48	14	14	Normal	Set value = X Position -22.5 (0 - 12)	5
ETSI	SATO	ST9020R6P-MK01 "Paddle-R6P"	Impinj MonzaR6-P	90	x	20	IC Facing UP		52	to	58	2	to	5	38	21	19	Front	0	30
ETSI	SATO	ST9020R6P-MK01 "Paddle-R6P"	Impinj MonzaR6-P	90	x	20			49	to	58	15	to	20	41	18	18	Normal	Set value = X Position -23 (26 - 35)	5
FCC	SATO	ST9020R6P-MK01 "Paddle-R6P"	Impinj MonzaR6-P	90	x	20	IC Facing UP		49	to	58	2	to	6	26	22	19	Front	0	30
FCC	SATO	ST9020R6P-MK01 "Paddle-R6P"	Impinj MonzaR6-P	90	x	20			49	to	58	10	to	15	44	19	19	Normal	Set value = X Position -23 (26 - 35)	5
ETSI	SATO	ST3710M4QT-MK02 "Clove865-M4QT"	Impinj Monza4QT	37	x	10	IC Facing UP		22.5	to	36.5	10	to	15	25	16	16	Front	0	30
ETSI	SATO	ST3710M4QT-MK02 "Clove865-M4QT"	Impinj Monza4QT	37	x	10			22.5	to	36.5	24	to	29	39	19	19	Normal	Set value = X Position -22.5 (0 - 14)	5
FCC	SATO	ST3710M4QT-MK02 "Clove865-M4QT"	Impinj Monza4QT	37	x	10	IC Facing UP		22.5	to	36.5	10	to	15	24	19	19	Front	0	30
FCC	SATO	ST3710M4QT-MK02 "Clove865-M4QT"	Impinj Monza4QT	37	x	10			22.5	to	36.5	24	to	29	34	18	18	Normal	Set value = X Position -22.5 (0 - 14)	5
ETSI	SATO	ST7015U8-RE02 "RE02-U8"	NXP UCODE 8	70	x	15	IC Facing UP		NG	to			to						Front	
ETSI	SATO	ST7015U8-RE02 "RE02-U8"	NXP UCODE 8	70	x	15			39	to	53	22	to	27	32	22	22	Normal	Set value = X Position -23 (16 - 30)	5

				Antenna Size [mm]					Position(mm)								Power (dBm)			Antenna Position [mm]	
Region	Manufacturer	Inlay	IC Chip	Width	x	Length	IC Direction	Feed Orientation	X				Y			S	Write	Read	Antenna Selection	X In case of minus value, set minimum to 0. In case of the value over 36, set maximum to 36.	Y
FCC	SATO	ST7015U8-RE02 "RE02-U8"	NXP UCODE 8	70	x	15	IC Facing UP		39	to	53	8	to	13	35	21	21	Front	0	30
FCC	SATO	ST7015U8-RE02 "RE02-U8"	NXP UCODE 8	70	x	15			39	to	53	21	to	26	32	15	15	Normal	Set value = X Position -23 (16 - 30)	5
ETSI	SATO	ST4316R6P-MK01 "Zipper-R6P"	Impinj MonzaR6-P	43	x	16	IC Facing UP		NG	to			to						Front		
ETSI	SATO	ST4316R6P-MK01 "Zipper-R6P"	Impinj MonzaR6-P	43	x	16			25.5	to	39.5	20	to	25	38	24	21	Normal	Set value = X Position -22.5 (3 - 17)	5
FCC	SATO	ST4316R6P-MK01 "Zipper-R6P"	Impinj MonzaR6-P	43	x	16	IC Facing UP		25.5	to	39.5	7	to	12	43	23	23	Front	0	30
FCC	SATO	ST4316R6P-MK01 "Zipper-R6P"	Impinj MonzaR6-P	43	x	16			25.5	to	39.5	20	to	25	31	17	17	Normal	Set value = X Position -22.5 (3 - 17)	5
ETSI	Alien Technology	ALN-9640 "Squiggle"	Alien Higgs3	94.8	x	8.1	IC Facing UP		51.4	to	55.4	2	to	5	40	24	20	Front	0	30
ETSI	Alien Technology	ALN-9640 "Squiggle"	Alien Higgs3	94.8	x	8.1			51.4	to	55.4	15	to	20	46	24	24	Normal	Set value = X Position -22.4 . (29 - 33)	5
FCC	Alien Technology	ALN-9640 "Squiggle"	Alien Higgs3	94.8	x	8.1	IC Facing UP		51.4	to	55.4	2	to	5	40	24	18	Front	0	30
FCC	Alien Technology	ALN-9640"Squiggle"	Alien Higgs3	94.8	x	8.1			51.4	to	55.4	15	to	20	49	24	24	Normal	Set value = X Position -22.4 . (29 - 33)	5
ETSI	Alien Technology	ALN-9662 “Short”	Alien Higgs3	70	x	17	IC Facing UP		42	to	48	3	to	6	34	24	21	Front	0	30
ETSI	Alien Technology	ALN-9662 “Short”	Alien Higgs3	70	x	17			39	to	53	21	to	26	38	20	20	Normal	Set value = X Position -23 (16 - 30)	5
FCC	Alien Technology	ALN-9662 “Short”	Alien Higgs3	70	x	17	IC Facing UP		39	to	53	3	to	8	36	24	21	Front	0	30
FCC	Alien Technology	ALN-9662 “Short”	Alien Higgs3	70	x	17			39	to	53	22	to	26	44	20	20	Normal	Set value = X Position -23 (16 - 30)	5
ETSI	Alien Technology	ALN-9728-90 “Garment Tag”	Alien Higgs4	30	x	50	IC Facing UP		19	to	33	6	to	11	65	20	15	Front	0	30
ETSI	Alien Technology	ALN-9728-90 “Garment Tag”	Alien Higgs4	30	x	50			19	to	33	8	to	13	75	24	14	Normal	Set value = X Position -23 (0 - 10)	5
FCC	Alien Technology	ALN-9728-90 “Garment Tag”	Alien Higgs4	30	x	50	IC Facing UP		19	to	33	6	to	11	65	20	13	Front	0	30
FCC	Alien Technology	ALN-9728-90 “Garment Tag”	Alien Higgs4	30	x	50			19	to	33	8	to	13	55	19	14	Normal	Set value = X Position -23 (0 - 10)	5
ETSI	Alien Technology	ALN-9654 “G Tag”	Alien Higgs3	93	x	19	IC Facing UP		50.5	to	54.5	8	to	12	34	9	6	Front	0	30
ETSI	Alien Technology	ALN-9654 “G Tag”	Alien Higgs3	93	x	19			50.5	to	54.5	21	to	26	35	24	12	Normal	Set value = X Position -22.5 (28 - 32)	5
FCC	Alien Technology	ALN-9654 “G Tag”	Alien Higgs3	93	x	19	IC Facing UP		50.5	to	54.5	8	to	12	25	9	9	Front	0	30
FCC	Alien Technology	ALN-9654 “G Tag”	Alien Higgs3	93	x	19			50.5	to	54.5	21	to	25	35	22	16	Normal	Set value = X Position -22.5 (28 - 32)	5
ETSI	Alien Technology	ALN-9610 “Squig”	Alien Higgs3	44.5	x	10.4	IC Facing UP		29.25	to	40.25	2	to	5	38	23	23	Front	0	30
ETSI	Alien Technology	ALN-9610 “Squig”	Alien Higgs3	44.5	x	10.4			26.25	to	40.25	25	to	30	29	20	20	Normal	Set value = X Position -23.25 . (3 - 17)	5
FCC	Alien Technology	ALN-9610 “Squig”	Alien Higgs3	44.5	x	10.4	IC Facing UP		26.25	to	40.25	2	to	5	41	24	24	Front	0	30
FCC	Alien Technology	ALN-9610 “Squig”	Alien Higgs3	44.5	x	10.4			26.25	to	40.25	25	to	30	31	20	20	Normal	Set value = X Position -23.25 . (3 - 17)	5

				Antenna Size [mm]					Position(mm)								Power (dBm)			Antenna Position [mm]	
Region	Manufacturer	Inlay	IC Chip	Width	x	Length	IC Direction	Feed Orientation	X				Y			S	Write	Read	Antenna Selection	X In case of minus value, set minimum to 0. In case of the value over 36, set maximum to 36.	Y
ETSI	Alien Technology	ALN-9710 “Squig”	Alien Higgs4	44.5	x	10.4	IC Facing UP		26.25	to	40.25	2	to	5	36	22	22	Front	0	30
ETSI	Alien Technology	ALN-9710 “Squig”	Alien Higgs4	44.5	x	10.4			26.25	to	40.25	25	to	30	28	19	19	Normal	Set value = X Position -23.25 . (3 - 17)	5
FCC	Alien Technology	ALN-9710 “Squig”	Alien Higgs4	44.5	x	10.4	IC Facing UP		26.25	to	40.25	2	to	5	39	20	20	Front	0	30
FCC	Alien Technology	ALN-9710 “Squig”	Alien Higgs4	44.5	x	10.4			26.25	to	40.25	25	to	30	29	16	16	Normal	Set value = X Position -23.25 . (3 - 17)	5
ETSI	Alien Technology	ALN-9715-WRW "Glint"	Alien Higgs4	27	x	9.7	IC Facing UP		25.5	to	31.5	2	to	5	24	24	24	Front	0	30
ETSI	Alien Technology	ALN-9715-WRW "Glint"	Alien Higgs4	27	x	9.7			17.5	to	31.5	26	to	31	28	22	22	Normal	Set value = X Position -22.5 (0 - 9)	5
FCC	Alien Technology	ALN-9715-WRW "Glint"	Alien Higgs4	27	x	9.7	IC Facing UP		25.5	to	31.5	2	to	4	36	24	24	Front	0	30
FCC	Alien Technology	ALN-9715-WRW "Glint"	Alien Higgs4	27	x	9.7			17.5	to	31.5	26	to	31	28	18	18	Normal	Set value = X Position -22.5 (0 - 9)	5
ETSI	Alien Technology	ALN-9740 “Squiggle”	Alien Higgs4	94.8	x	8.15	IC Facing UP		51.4	to	55.4	2	to	6	27	24	24	Front	0	30
ETSI	Alien Technology	ALN-9740 “Squiggle”	Alien Higgs4	94.8	x	8.15			51.4	to	55.4	17	to	22	37	24	23	Normal	Set value = X Position -22.4 . (29 - 33)	5
FCC	Alien Technology	ALN-9740 “Squiggle”	Alien Higgs4	94.8	x	8.15	IC Facing UP		51.4	to	55.4	4	to	6	21	24	24	Front	0	30
FCC	Alien Technology	ALN-9740 “Squiggle”	Alien Higgs4	94.8	x	8.15			51.4	to	55.4	15	to	20	45	24	24	Normal	Set value = X Position -22.4 . (29 - 33)	5
ETSI	Alien Technology	ALN-9874 "Tread-EC"	Alien HiggsEC	80	x	40	IC Facing UP		44	to	53	6	to	11	45	21	19	Front	0	30
ETSI	Alien Technology	ALN-9874 "Tread-EC"	Alien HiggsEC	80	x	40			44	to	58	18	to	23	45	17	17	Normal	Set value = X Position -23 (21 - 35)	5
FCC	Alien Technology	ALN-9874 "Tread-EC"	Alien HiggsEC	80	x	40	IC Facing UP		44	to	48	4	to	9	45	16	13	Front	0	30
FCC	Alien Technology	ALN-9874 "Tread-EC"	Alien HiggsEC	80	x	40			44	to	58	17	to	22	45	16	16	Normal	Set value = X Position -23 (21 - 35)	5
ETSI	Alien Technology	ALN-9828"GT-EC"	Alien HiggsEC	53	x	33	IC Facing UP		NG	to			to					Front		
ETSI	Alien Technology	ALN-9828"GT-EC"	Alien HiggsEC	53	x	33			30.5	to	44.5	12	to	17	50	24	23	Normal	Set value = X Position -22.5 (8 - 22)	5
FCC	Alien Technology	ALN-9828"GT-EC"	Alien HiggsEC	53	x	33	IC Facing UP		NG	to			to					Front		
FCC	Alien Technology	ALN-9828"GT-EC"	Alien HiggsEC	53	x	33			30.5	to	44.5	14	to	19	34	17	14	Normal	Set value = X Position -22.5 (8 - 22)	5
ETSI	Alien Technology	ALN-9840 “Squiggle-EC”	Alien HiggsEC	98	x	12.5	IC Facing UP		53	to	57	2	to	6	31	23	19	Front	0	30
ETSI	Alien Technology	ALN-9840 “Squiggle-EC”	Alien HiggsEC	98	x	12.5			53	to	57	16	to	21	40	24	21	Normal	Set value = X Position -23 (30 - 34)	5
FCC	Alien Technology	ALN-9840 “Squiggle-EC”	Alien HiggsEC	98	x	12.5	IC Facing UP		53	to	57	2	to	6	24	20	20	Front	0	30
FCC	Alien Technology	ALN-9840 “Squiggle-EC”	Alien HiggsEC	98	x	12.5			53	to	57	14	to	19	47	24	21	Normal	Set value = X Position -23 (30 - 34)	5
ETSI	Alien Technology	ALN-9954"G"	Alien Higgs9	97	x	23	IC Facing UP		52.5	to	56.5	11	to	16	33	10	8	Front	0	30
ETSI	Alien Technology	ALN-9954"G"	Alien Higgs9	97	x	23			52.5	to	56.5	21	to	26	39	17	17	Normal	Set value = X Position -22.5 (30 - 34)	5

				Antenna Size [mm]					Position(mm)							Power (dBm)			Antenna Position [mm]	
Region	Manufacturer	Inlay	IC Chip	Width	x	Length	IC Direction	Feed Orientation	X			Y			S	Write	Read	Antenna Selection	X In case of minus value, set minimum to 0. In case of the value over 36, set maximum to 36.	Y
FCC	Alien Technology	ALN-9954"G"	Alien Higgs9	97	x	23	IC Facing UP		52.5	to	56.5	10	to	15	32	13	13	Front	0	30
FCC	Alien Technology	ALN-9954"G"	Alien Higgs9	97	x	23			52.5	to	56.5	21	to	26	38	24	20	Normal	Set value = X Position -22.5 (30 - 34)	5
ETSI	Alien Technology	ALN-9962"Short"	Alien Higgs9	73	x	21	IC Facing UP		NG	to			to					Front		
ETSI	Alien Technology	ALN-9962"Short"	Alien Higgs9	73	x	21			40.5	to	54.5	28	to	33	41	20	20	Normal	Set value = X Position -22.5 (18 - 32)	5
FCC	Alien Technology	ALN-9962"Short"	Alien Higgs9	73	x	21	IC Facing UP		53.5	to	54.5	2	to	5	26	23	18	Front	0	30
FCC	Alien Technology	ALN-9962"Short"	Alien Higgs9	73	x	21			40.5	to	54.5	26	to	31	38	18	18	Normal	Set value = X Position -22.5 (18 - 32)	5
ETSI	SMARTRAC	ShortDipole MR6-P [3005077]	Impinj MonzaR6-P	92.75	x	11	[IC Facing Up]		50.375	to	54.375	2	to	4	40	24	15	Front	0	30
ETSI	SMARTRAC	ShortDipole MR6-P [3005077]	Impinj MonzaR6-P	92.75	x	11	[IC Facing Up]		50.375	to	54.375	11	to	16	50	24	24	Normal	Set value = X Position -22.375 . (28 - 32)	5
FCC	SMARTRAC	ShortDipole MR6-P [3005077]	Impinj MonzaR6-P	92.75	x	11	[IC Facing Up]		50.375	to	54.375	2	to	5	34	22	18	Front	0	30
FCC	SMARTRAC	ShortDipole MR6-P [3005077]	Impinj MonzaR6-P	92.75	x	11	[IC Facing Up]		50.375	to	54.375	11	to	16	44	23	20	Normal	Set value = X Position -22.375 . (28 - 32)	5
ETSI	SMARTRAC	ShortDipole Ucode8 [3007066]	NXP UCODE 8	93	x	11	IC Facing Below		50.5	to	54.5	2	to	4	38	20	11	Front	0	30
ETSI	SMARTRAC	ShortDipole Ucode8 [3007066]	NXP UCODE 8	93	x	11			50.5	to	54.5	13	to	18	69	24	24	Normal	Set value = X Position -22.5 (28 - 32)	5
FCC	SMARTRAC	ShortDipole Ucode8 [3007066]	NXP UCODE 8	93	x	11	IC Facing Below		50.5	to	54.5	2	to	5	44	22	13	Front	0	30
FCC	SMARTRAC	ShortDipole Ucode8 [3007066]	NXP UCODE 8	93	x	11			50.5	to	54.5	12	to	17	48	21	21	Normal	Set value = X Position -22.5 (28 - 32)	5
ETSI	SMARTRAC	midas Flag Tag	Impinj MonzaR6-P	31.41	x	18	IC Facing UP		19.705	to	33.705	10	to	15	55	23	15	Front	0	30
ETSI	SMARTRAC	midas Flag Tag	Impinj MonzaR6-P	31.41	x	18			19.705	to	33.705	18	to	23	42	18	18	Normal	Set value = X Position - 22.705 . (0 - 11)	5
FCC	SMARTRAC	midas Flag Tag	Impinj MonzaR6-P	31.41	x	18	IC Facing UP		22.705	to	33.705	10	to	15	38	22	22	Front	0	30
FCC	SMARTRAC	midas Flag Tag	Impinj MonzaR6-P	31.41	x	18			19.705	to	33.705	18	to	23	38	14	14	Normal	Set value = X Position - 22.705 . (0 - 11)	5
ETSI	SMARTRAC	Dogbone M4QT	Impinj Monza4QT	86	x	24	IC Facing UP		NG	to			to					Front		
ETSI	SMARTRAC	Dogbone M4QT	Impinj Monza4QT	86	x	24			47	to	61	28	to	33	42	16	16	Normal	Set value = X Position -23 (24 - 36)	5
FCC	SMARTRAC	Dogbone M4QT	Impinj Monza4QT	86	x	24	IC Facing UP		47	to	51	7	to	12	46	24	24	Front	0	30
FCC	SMARTRAC	Dogbone M4QT	Impinj Monza4QT	86	x	24			47	to	61	26	to	31	42	17	17	Normal	Set value = X Position -23 (24 - 36)	5
ETSI	SMARTRAC	DogBone Ucode8 [3006910]	NXP UCODE 8	94	x	24	IC Facing UP		51	to	55	2	to	7	45	16	14	Front	0	30
ETSI	SMARTRAC	DogBone Ucode8 [3006910]	NXP UCODE 8	94	x	24			51	to	55	17	to	22	41	17	17	Normal	Set value = X Position -23 (28 - 32)	5
FCC	SMARTRAC	DogBone Ucode8 [3006910]	NXP UCODE 8	94	x	24	IC Facing UP		51	to	55	2	to	7	44	23	18	Front	0	30
FCC	SMARTRAC	DogBone Ucode8 [3006910]	NXP UCODE 8	94	x	24			51	to	55	10	to	15	46	20	18	Normal	Set value = X Position -23 (28 - 32)	5

				Antenna Size [mm]					Position(mm)								Power (dBm)			Antenna Position [mm]	
Region	Manufacturer	Inlay	IC Chip	Width	x	Length	IC Direction	Feed Orientation	X				Y			S	Write	Read	Antenna Selection	X In case of minus value, set minimum to 0. In case of the value over 36, set maximum to 36.	Y
ETSI	SMARTRAC	Belt R6-P [3006790]	Impinj MonzaR6-P	70	x	14	IC Facing UP		39	to	53	2	to	4	33	23	23	Front	0	30
ETSI	SMARTRAC	Belt R6-P [3006790]	Impinj MonzaR6-P	70	x	14			39	to	53	12	to	17	48	23	23	Normal	Set value = X Position -23 (16 - 30)	5
FCC	SMARTRAC	Belt R6-P [3006790]	Impinj MonzaR6-P	70	x	14	IC Facing UP		39	to	53	2	to	4	38	23	23	Front	0	30
FCC	SMARTRAC	Belt R6-P [3006790]	Impinj MonzaR6-P	70	x	14			39	to	53	12	to	17	46	21	21	Normal	Set value = X Position -23 (16 - 30)	5
ETSI	SMARTRAC	Belt Ucode8[3006818]	NXP UCODE 8	70	x	14	IC Facing Below		39	to	48	3	to	8	50	24	22	Front	0	30
ETSI	SMARTRAC	Belt Ucode8[3006818]	NXP UCODE 8	70	x	14			39	to	53	30	to	35	52	19	19	Normal	Set value = X Position -23 (16 - 30)	5
FCC	SMARTRAC	Belt Ucode8[3006818]	NXP UCODE 8	70	x	14	IC Facing Below		39	to	48	5	to	10	37	24	24	Front	0	30
FCC	SMARTRAC	Belt Ucode8[3006818]	NXP UCODE 8	70	x	14			39	to	53	22	to	27	39	13	13	Normal	Set value = X Position -23 (16 - 30)	5
FCC	SMARTRAC	MINIWEB Ucode8[3007034]	NXP UCODE 8	42		16	IC Facing UP		25	to	39	9	to	14	47	23	19	Front	0	30
FCC	SMARTRAC	MINIWEB Ucode8[3007034]	NXP UCODE 8	42		16			25	to	39	21	to	26	29	11	11	Normal	Set value = X Position -23 (2 - 16)	5
ETSI	SMARTRAC	DogBone R6-P [3005072]	Impinj MonzaR6-P	94	x	24	IC Facing UP		NG	to			to					Front		
ETSI	SMARTRAC	DogBone R6-P [3005072]	Impinj MonzaR6-P	94	x	24			51	to	55	7	to	12	49	21	17	Normal	Set value = X Position -23 (28 - 32)	5
FCC	SMARTRAC	DogBone R6-P [3005072]	Impinj MonzaR6-P	94	x	24	IC Facing UP		51	to	55	2	to	5	54	24	18	Front	0	30
FCC	SMARTRAC	DogBone R6-P [3005072]	Impinj MonzaR6-P	94	x	24			51	to	55	6	to	11	42	18	18	Normal	Set value = X Position -23 (28 - 32)	5
ETSI	Arizon	AZ-H7 U7	NXP UCODE 7	68	x	14	IC Facing Below		NG	to			to					Front		
ETSI	Arizon	AZ-H7 U7	NXP UCODE 7	68	x	14			38	to	52	13	to	18	46	24	24	Normal	Set value = X Position -23 (15 - 29)	5
FCC	Arizon	AZ-H7 U7	NXP UCODE 7	68	x	14	IC Facing Below		38	to	52	2	to	4	41	21	21	Front	0	30
FCC	Arizon	AZ-H7 U7	NXP UCODE 7	68	x	14			38	to	52	12	to	17	44	24	24	Normal	Set value = X Position -23 (15 - 29)	5
ETSI	Arizon	AZ-M7 U7	NXP UCODE 7	40	x	15	IC Facing Below		NG	to			to					Front		
ETSI	Arizon	AZ-M7 U7	NXP UCODE 7	40	x	15			24	to	38	33	to	38	37	22	22	Normal	Set value = X Position -23 (1 - 15)	5
FCC	Arizon	AZ-M7 U7	NXP UCODE 7	40	x	15	IC Facing Below		24	to	38	2	to	3	36	24	24	Front	0	30
FCC	Arizon	AZ-M7 U7	NXP UCODE 7	40	x	15			24	to	38	29	to	34	22	21	21	Normal	Set value = X Position -23 (1 - 15)	5
ETSI	TOPPAN FORMS	0880ラベル-R6-P(LIMF-481M1A)	Impinj MonzaR6-P	80	x	8	IC Facing UP		44	to	58	11	to	16	23	15	12	Front	0	30
ETSI	TOPPAN FORMS	0880ラベル-R6-P(LIMF-481M1A)	Impinj MonzaR6-P	80	x	8			44	to	58	25	to	30	32	13	13	Normal	Set value = X Position -23 (21 - 35)	5
FCC	TOPPAN FORMS	0880ラベル-R6-P(LIMF-481M1A)	Impinj MonzaR6-P	80	x	8	IC Facing UP		44	to	58	10	to	15	22	12	12	Front	0	30
FCC	TOPPAN FORMS	0880ラベル-R6-P(LIMF-481M1A)	Impinj MonzaR6-P	80	x	8			44	to	58	25	to	30	34	11	11	Normal	Set value = X Position -23 (21 - 35)	5