Specification Sheet of the Transceiver RF Circuit used in both bellow products

This RF communication system is to be tested for concordance with FCC Part 15, Section 15.249, "Operation within the bands 902-928MHz".

Gecko Electronic Remote Control (FreePad Model RFMT-1)
and
Peripheral RF Communication Box (Interface Module # RFMR-1)

Voltage of Operation:	5V dc
Power Consumption:	Rx mode: 8 mA typ. Tx mode: 25 mA typ.
Frequency of operation :	916 MHz
Typical Transmission power:	1mW
Transmission Type:	25 to 100 ms digital packets. Encoding: Manchester Digital data rate: 34.7 K bauds
Operating Temperature:	0 to 70 °C (32 to 160 °F)

Part List of the Transceiver RF Circuit used in the above products

Qty	Manuf. Part #	Manuf.	Description	Localisation
2	ECU-E1H040CCQ GMC04CG4R0C50NT	Panasonic Cal-Chip	Condensateur 4 ± 0.25 pF, 50V, 0402, NPO	C14,C23
2	ECU-E1H050CCQ GMC04CG5R0C50NT	Panasonic Cal-Chip	Condensateur 5 ± 0.25 pF, 50V, 0402, NPO	C3,C4
3	ECU-E1H100DCQ GMC04CG100D50NT	Panasonic Cal-Chip	Condensateur 10 ± 0.5 pF, 50V, 0402, NPO	C5,C8,C11
6	ECU-E1H220JCQ GMC04CG220J50NT	Panasonic Cal-Chip	Condensateur 22 pF ± 5%, 50V, 0402, NPO	C7,C10,C12,C16,C25,C27
1	GRM36COG470J05	Murata	Condensateur 47 pF ± 5%, 50V, 0402, NPO	C21
5	ECU-E1H101KBQ GMC04CG101J50NT	Panasonic Cal-Chip	Condensateur 100 pF ± 10%, 50V, 0402, X7R	C1,C2,C19,C20,C24
13	ECU-E1H103KBQ GMC04X7R103K16NT	Panasonic Cal-Chip	Condensateur 0.01 uF ± 10%, 50V, 0402, X7R	C6,C9,C13,C15,C17,C22,C28,C31,C32,C33,C34,C35,C36
1	GRM40Z5U104M050BL	Murata	Condensateur 0.1 uF ± 20%, 50V, 0805, Z5U	C30
1	ECJ-3VB1E104K (25 Volts) GMC31X7R104K16NT	Panasonic Cal-Chip	Condensateur 0.1 uF ± 10%, 16V, 1206, X7R	C29
1	ECJ-3YB1E105K (25 Volts) GMC31X7R105K16NT	Panasonic Cal-Chip	Condensateur 1.0 uF ± 10%, 16V, 1206, X7R	C37
1	GRM42-6X5R106K6.3	Murata	Condensateur 10 uF ± 10%, 6,3 V, 1206,Y5V	C18,C40
1	SMV1233-011	Alpha	Varactor 3.3 pF @ 1 V	D1
2	SFECV10.7MS3-A-TC	Murata	10.7 MHz Ceramic Filter	FLT1,FLT2
2	ELJ-RE4N7ZF2	Panasonic	Inductance RF 6,8 ± 0.2 nH, 0603	L4,L5
2	ELJ-RE10NJF2 LQG11A10NJ00T1	Panasonic Murata	Inductance RF 10 nH ± 5%, 0603	L1,L2
1	ELJ-FC8R2KF	Panasonic	Inductance 8.2 uH ± 10%, 1008	L3
2	ERJ-2GE0R00X	Panasonic	Résistance 0R, 0402	R21,R28
5	ERJ-2RKF10R0X	Panasonic	Résistance 10R0, 1%, 0402	R8,R12,R22,R24,R25
1	ERJ-2RKF4750C	Panasonic	Résistance 475R, 1%, 0402	R27
1	ERJ-2RKF1001X	Panasonic	Résistance 1K00, 1%, 0402	R5
1	ERJ-2RKF1003X	Panasonic	Résistance 100K00, 1%, 0402	R16
1	ERJ-2RKF1301X	Panasonic	Résistance 1K30, 1%, 0402	R23
1	ERJ-2RKF4021X	Panasonic	Résistance 4K02, 1%, 0402	R26
1	ERJ-2RKF6981X	Panasonic	Résistance 6K98, 1%, 0402	R2
8	ERJ-2RKF1002X	Panasonic	Résistance 10K0, 1%, 0402	R4,R9,R11,R13,R14,R17,R18,R30
1	ERJ-2RKF5112X	Panasonic	Résistance 51K1, 1%, 0402	R6
1	RF2905	RF Micro	433/868/915 MHz RF Transceiver	U1
1	CDA10.7MG20-A	Murata	10.7 MHz Discriminator	RC1
1	BC15EED150-7.15909 7.15909MHZ-HC49SD XT49M-20 7.15909M EC2SM-20-7.15909MTR AS-7.15909-20-FUND-SMD-T D7S15909-20305FT	Bomar Fox Vishay Ecliptek Raltron Dblectro	7.15909 MHz Xtal	Y1 - for North America only
1	BC15EED150-7.07549 7.07549MHZ-HC49SD XT49M-20 7.07549M EC2SM-20-7.07549MTR AS-7.07549-20-FUND-SMD-T D7S07549-20305FT	Bomar Fox Vishay Ecliptek Raltron Dblectro	7.07549 MHz Xtal	Y2 - for North America only
1	67996-410	Dupont	Header 0.100" 2 x 5	P1
1	ANT-915-HESM	Linx Technologies	Helicoidal Antenna	E1
1			PCB	