5. RF-Exposure Evaluation

separation distance user to RF-radiating element greater 20cm

Distance	20	cm										
Operation Mode	Frequency on channel (MHz)	Declared maximum conducted output power (dBm)	Antenna Gain (dBi)	Declared maximum EIRP (Measured+ Tune-up) (dBm)	Duty cycle %	Declared Maximum conducted output power (W)	Equivalent conducted output power (output power x duty cycle) (mW)	MPE Limit accord. Table 1 (mW/cm^2)	MPE-Value (mW/cm^2)	Margin to Limit:	Fraction for Co-Location calculations	Max. Fraction-Value within Frequency-Band
Bluetooth 2.4GHz	2402,0	-0,8	2,0	1,2		0,0013	1,3	1,0000	0,0003	0,9997	0,000264	
	2441,0	-0,1	2,0	1,9	100%	0,0015	1,5	1,0000	0,0003	0,9997	0,000306	0,0003060
	2480,0	-0,9	2,0	1,1		0,0013	1,3	1,0000	0,0003	0,9997	0,000258	

Maximum calculated MPE value:		
Lowest MPE-Limit:	1,0000	[mW/cm^2]
Highest MPE value:	0,0003	[mW/cm^2]
Lowest Margin to limit:	0,9997	[mW/cm^2]