

## Maximum Permissive Exposure short report

For Continental Advanced Antenna GmbH, TRANSCVRP02 with FCC-ID 2ACC7TRANSCVRP02,  
HW version 01S and SW version BT-Stack: 01.03.05.

Declared minimum distance to human body according to customer > 20 cm according external document  
“Manual\_TRANSCVRP02\_RoW\_V1.pdf” provided by customer. The customer thus declares that the  
device is not body-worn.

For FCC using the equation from page 19 of OET Bulletin 65, Edition 97-01 from FCC 2.1091:

$$S = \frac{PG}{4 \pi R^2}$$

Limits according FCC Part 1.1310

Frequency range (MHz)	Electric field strength (V/m)	Magnetic field strength (A/m)	Power density (mW/cm <sup>2</sup> )	Averaging time (minutes)
30–300	27.5	0.073	0.2	30
300–1500			f/1500	30
1500–100,000			1.0	30

Calculations based on external document “System description TRANSCVRP02\_final\_2\_TS”.

Operation Mode	Frequency on channel	Declared maximum conducted output power	Antenna Gain Max.	Losses	Declared maximum output power (Measured+ Tune-up)	Duty cycle	Declared Maximum conducted output power	Equivalent conducted output power (maximum conducted output power x duty cycle)
	(MHz)	(dBm)	(dBi)		(dBm)		(W)	(m W)
BT LE 2.4GHz	2402.0	-4.00	4.00	2.20	-2.20	100%	0.0006	0.603
	2442.0	-4.00	4.00		-2.20		0.0006	0.603
	2480.0	-4.00	4.00		-2.20		0.0006	0.603

Maximum calculated MPE value:		
MPE-Limit:	1	[mW/cm ^2]
Highest MPE value:	0.0002	[mW/cm ^2]
Margin to limit	0.9998	[mW/cm ^2]

Conclusion: Calculated results comply with the FCC Limit per  
47 CFR 2.1091 for the uncontrolled RF Exposure of mobile  
device.