

**RF Exposure Statement: JP25P3NZ 001****Page 1 of 2**  
Seite 1 von 2**Client:**MIZUNO CORPORATION  
1-12-35 Nanko Kita, Suminoe-ku, Osaka, Japan**Test item:**

Golf swing measurement system

**Identification:**

SET OPTIMIZER

**FCC Requirement**

According to FCC KDB 447498 D01 General RF Exposure Guidance v06, Portable Devices is qualified as exemption of RF human exposure, when the transmitter power is below a threshold calculated by its relevant formula defined in 4.3.1.a) of KDB 447498 D01 v06:

**Standalone SAR test exclusion considerations**

For 100 MHz to 6 GHz and test separation distances  $\leq 50$  mm, the 1-g and 10-g SAR test exclusion thresholds are determined by the following:

$$[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})] \cdot [\sqrt{f(\text{GHz})}] \leq 3.0 \text{ for 1-g SAR, and } \leq 7.5 \text{ for 10-g extremity SAR, where}$$

- $f(\text{GHz})$  is the RF channel transmit frequency in GHz
- Power and distance are rounded to the nearest mW and mm before calculation
- The result is rounded to one decimal place for comparison
- The values 3.0 and 7.5 are referred to as numeric thresholds in step b) below

The test exclusions are applicable only when the minimum test separation distance is  $\leq 50$  mm, and for transmission frequencies between 100 MHz and 6 GHz. When the minimum test separation distance is  $< 5$  mm, a distance of 5 mm according to 4.1 f) is applied to determine SAR test exclusion.

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**Measurement Result**

The maximum calculated value from the transmitter (**EUT**) is given in the following table:

Transmitter	Freq. Range [GHz]	Cond. Power [dBm]	Antenna Gain [dBi]	Minimum Separation [mm]	Tune-up tolerance [dB]	Maximum EIRP [mW] Including Tune-up	Limit 1-g SAR	Calculated value [mW/mm] · [√f]
BLE (1M-PHY)	2.402	-1.45	+1.6	5	±4	2.7	3	<b>0.8</b>
BLE (1M-PHY)	2.442	-1.07	+1.6	5	±4	2.9	3	<b>0.9</b>
BLE (1M-PHY)	2.480	-1.12	+1.6	5	±4	2.9	3	<b>0.9</b>
BLE (2M-PHY)	2.402	-1.46	+1.6	5	±4	2.6	3	<b>0.8</b>
BLE (2M-PHY)	2.442	-1.06	+1.6	5	±4	2.9	3	<b>0.9</b>
BLE (2M-PHY)	2.480	-1.13	+1.6	5	±4	2.8	3	<b>0.9</b>

Note: The conducted power of BLE is cited from the test report **JP252FBF 001** by TÜV Rheinland Japan.

**Conclusion**

At a separation distance of 5 mm, the calculated RF exposure from this device is below the threshold determined using the formula defined in FCC KDB 447498 D01, section 4.3.1(a). Therefore, SAR testing is not required.