RF Exposure evaluation

According to 447498 D01 General RF Exposure Guidance v05
The 1-g and 10-g SAR test exclusion thresholds for 100 MHz to 6 GHz at test separation distances ≤ 50 mm are determined by:
[(max. power of channel, including tune-up tolerance, mW)/(min. test separation distance, mm)] ·[√f(GHz)] ≤ 3.0 for 1-g SAR and ≤ 7.5 for 10-g extremity SAR, where
f(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

eirp = pt x gt = (EXd)2/30
where:
pt = transmitter output power in watts,
gt = numeric gain of the transmitting antenna (unitless),
E = electric field strength in V/m, --- 10((dBuV/m)/20)/106
d = measurement distance in meters (m)---3m
So pt = (EXd)2/30 x gt

RF Exposure evaluation for BS-561
Copied from the FCC test report: clause 3.8 Maximum Peak Output Power

Normal mode:

Carrier Frequency /GHz	2.402	2.441	2.480
Reading Level /dBm	-0.059	0.197	0.249
Cable Loss/ dB	2.8	2.8	2.8
Conducted Max Output Power/dBm	2.741	2.997	3.049
Antenna gain/ dBi	0	0	0
EIRP= Conducted Max Output Power+ Antenna gain /dBm	2.741	2.997	3.049
EIRP / mW	**1.880**	**1.990**	**2.018**

min test separation distances = 5mm,

General RF Exposure:
(1.880 mW)/5.0mm)x √2.402 GHz = 0.5827
(1.990 mW)/5.0mm)x √2.441 GHz = 0.6230
(2.018 mW)/5.0mm)x √2.480 GHz = 0.6356

SAR requirement: S=3.0

General RF Exposure<3
Then SAR evaluation is not required

EDR mode:

Carrier Frequency /GHz	2.402	2.441	2.480
Reading Level /dBm	-0.607	-0.252	-0.213
Cable Loss/ dB	2.8	2.8	2.8
Conducted Max Output Power/dBm	2.193	2.548	2.587
Antenna gain/ dBi	0	0	0
EIRP= Conducted Max Output Power+ Antenna gain /dBm	2.193	2.548	2.587
EIRP / mW	**1.657**	**1.798**	**1.814**

min test separation distances = 5mm,

General RF Exposure:
(1.657 mW)/5.0mm)x √2.402 GHz = 0.5136
(1.798 mW)/5.0mm)x √2.441 GHz = 0.5618
(1.814 mW)/5.0mm)x √2.480 GHz = 0.5714

SAR requirement: S=3.0

General RF Exposure<3
Then SAR evaluation is not required