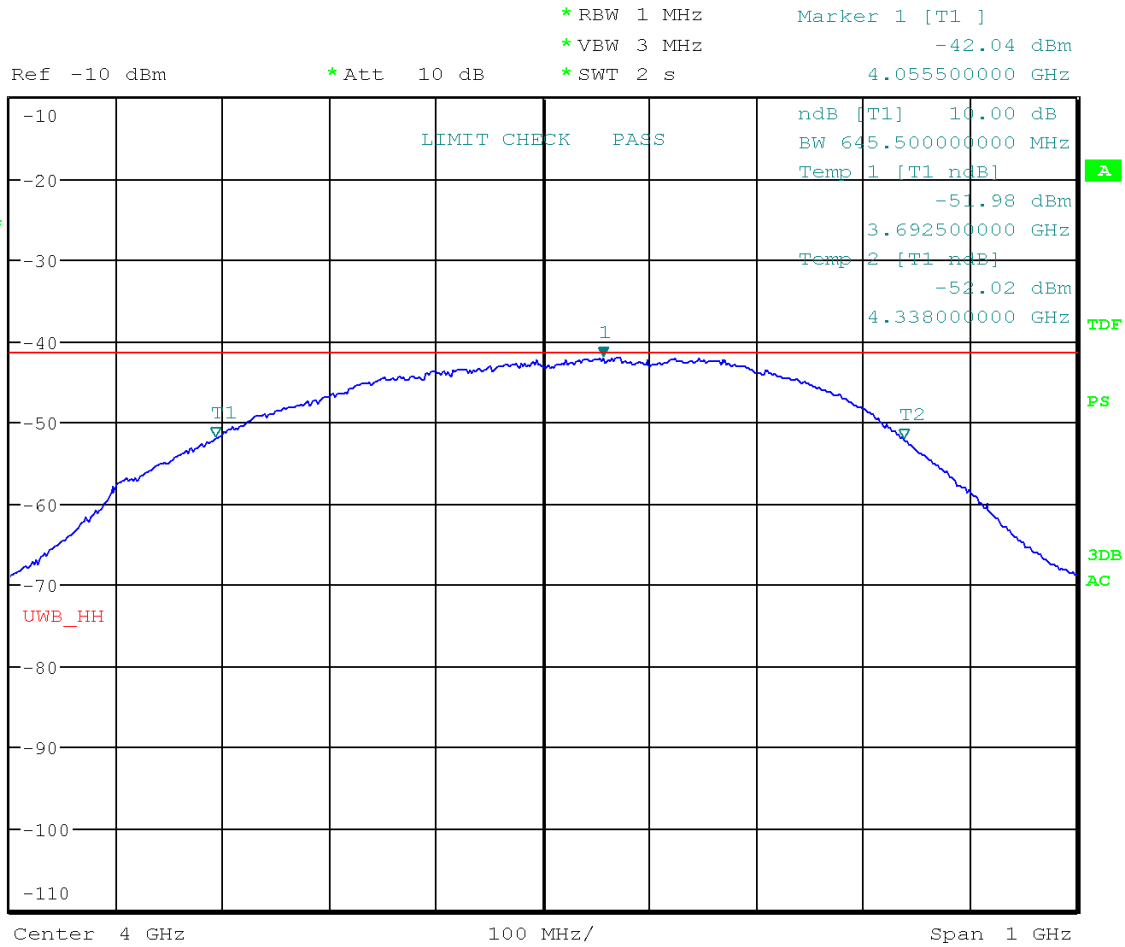


RF EXPOSURE EXHIBIT

EQUIPMENT UNDER TEST: UWB DATA COLLECTION DEVICE
 MODEL NUMBER: VR7401
 FCC ID: 2ADAL-VR7401

Integrated power between 10dB points: 0.0327 mW (-14.86 dBm)



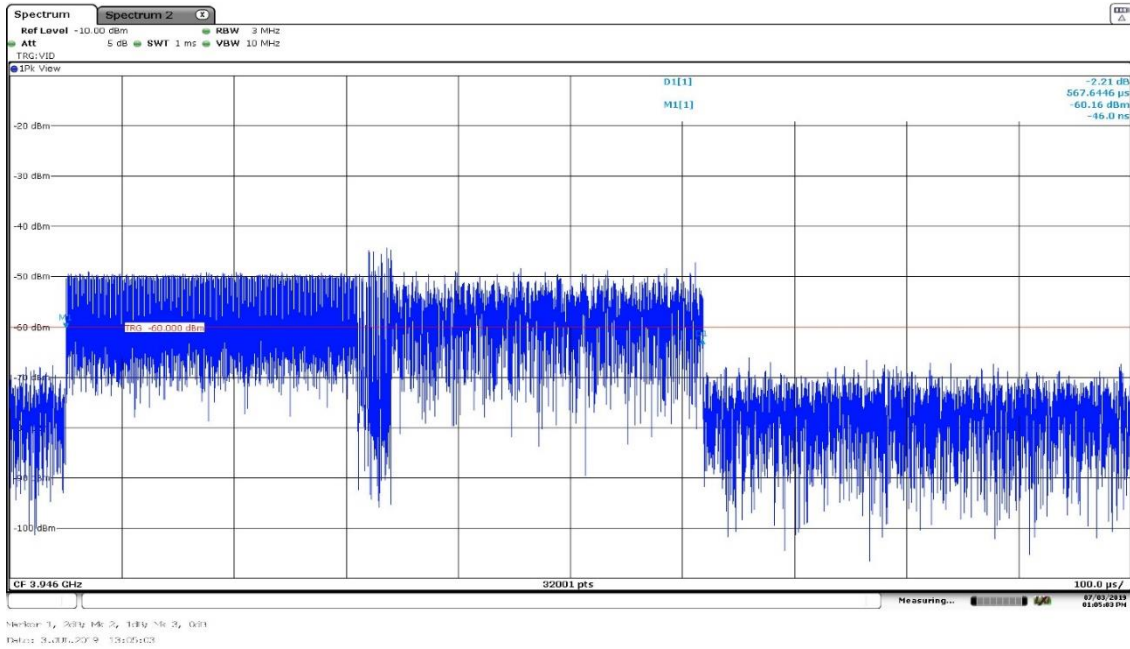
Date: 17.JUN.2019 14:19:23

RF EXPOSURE EXHIBIT

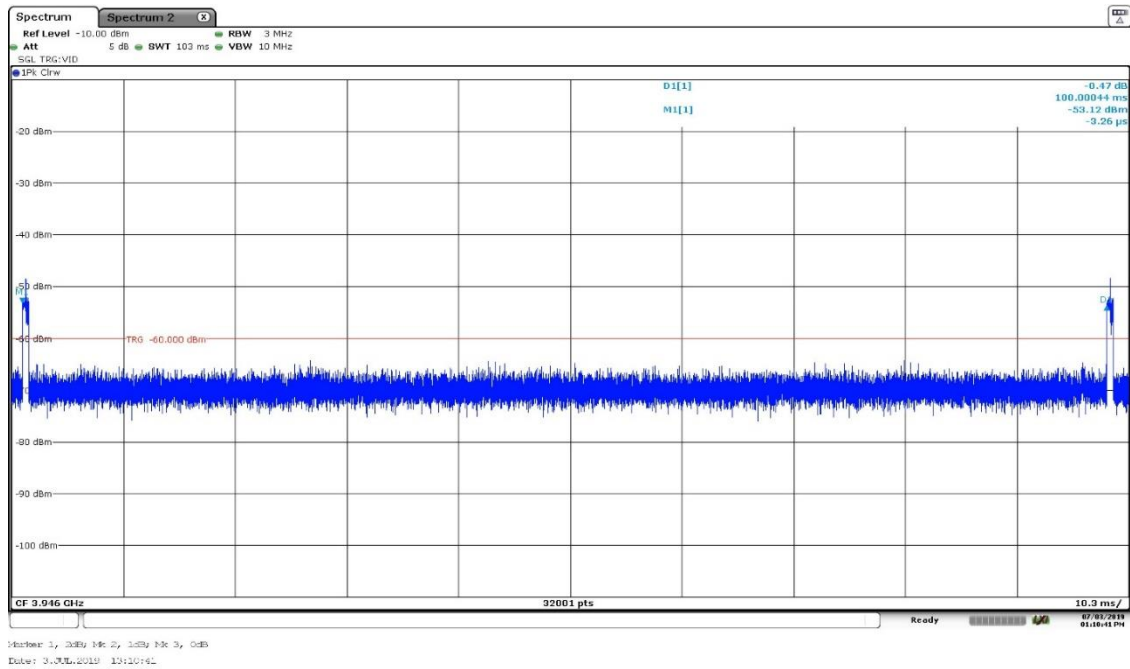
Duty Cycle: 0.577%

Calculation: Time 'On' / (Time 'On' + Time 'Off')
 0.577 ms / (0.577 ms + 99.4 ms) = 0.577%

Time 'On'



Total Time



Parameter	Observed Value
Maximum transmitter on time	0.577 ms
Mean transmitter off time	≥ 99.4 ms

RF EXPOSURE EXHIBIT

Source based time-average power: 0.0001558 mW (-37.25 dBm)

Calculation: Integrated power * Duty Cycle
 0.033 mW * 0.577% = 0.0001885 mW

SAR Exclusion: **SAR testing is not required**

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SAR test exclusion calculations

Section 4.3: General SAR test exclusion guidance / Section 4.3.1: Standalone SAR test exclusion considerations

	Input	Select Units
Max Power:	-37.25	dBm
Min separation distance:	0	mm
Frequency, f:	4	GHz

Value reference Number	Values used for Calculation		Reference number definition
v1	0	mW	[max. power of channel, including tune-up tolerance, mW] 'Rounded to nearest mW
v2	5	mm	[min. test separation distance, mm] 'Rounded to nearest mm
v3	2.000		[√f(GHz)]

- a) For 100 MHz to 6 GHz and test separation distances ≤ 50 mm, the 1-g and 10-g SAR test exclusion thresholds are determined by the following:
 $[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})] \cdot [\sqrt{f(\text{GHz})}] \leq 3.0$ for 1-g SAR, and ≤ 7.5 for 10-g extremity SAR,

1g Exclusion Threshold:	7.5	mW	$\leq 3 * v2 / v3$
10g Exclusion Threshold:	18.8	mW	$\leq 7.5 * v2 / v3$

Conclusions:	The EUT max power is BELOW the threshold. SAR Testing is NOT required for Body applications		
	The EUT max power is BELOW the threshold. SAR Testing is NOT required for Extremity applications		