

8 CONDUCTED RF OUPUT POWER

8.1	Bluetooth
8.1.1	Bluetooth Output Power
8.1.2	Bluetooth Duty Cycle

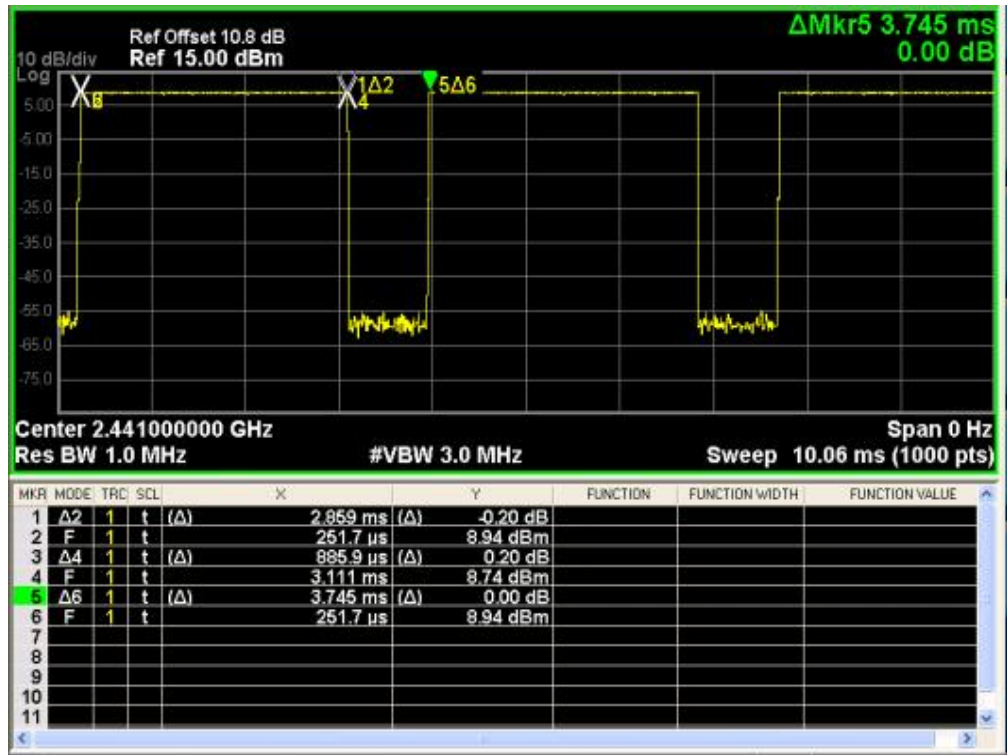
8.2 Bluetooth

8.2.1 Bluetooth Output Power

Bluetooth						
Test Mode	Modulation	Channel number	Frequency (MHz)	Conducted power (dBm)	Tune up (dBm))	SAR Test
BT	DH5	0	2402	10.06	10.50	Yes
		39	2441	9.52	10.50	Yes
		78	2480	8.93	10.50	Yes
	2DH5	0	2402	7.04	7.50	No
		39	2441	6.55	7.50	No
		78	2480	5.96	7.50	No
	3DH5	0	2402	6.99	7.50	No
		39	2441	6.51	7.50	No
		78	2480	5.90	7.50	No
	BLE-1M	0	2402	10.46	11.00	Yes
		19	2440	10.03	11.00	Yes
		39	2480	9.48	11.00	Yes
	BLE-2M	0	2402	10.33	11.00	No
		19	2440	9.89	11.00	No
		39	2480	9.38	11.00	No

8.2.2 Bluetooth Duty Cycle

The Bluetooth DH5 duty cycle is 76.34% as following figure, according to 2016 Oct. TCB workshop for Bluetooth SAR scaling need further consideration and the maximum duty cycle is 100%, therefore the actual duty cycle will be scaled up to 100% for Bluetooth reported SAR calculation.



8.2.2 Bluetooth Duty Cycle

The Bluetooth BLE-1M duty cycle is 84.96% as following figure, according to 2016 Oct. TCB workshop for Bluetooth SAR scaling need further consideration and the maximum duty cycle is 100%, therefore the actual duty cycle will be scaled up to 100% for Bluetooth reported SAR calculation.

Duty Cycle

