

8 CONDUCTED RF OUPUT POWER

8.1	Bluetooth
8.1.1	Bluetooth Output Power
8.1.2	Bluetooth Duty Cycle

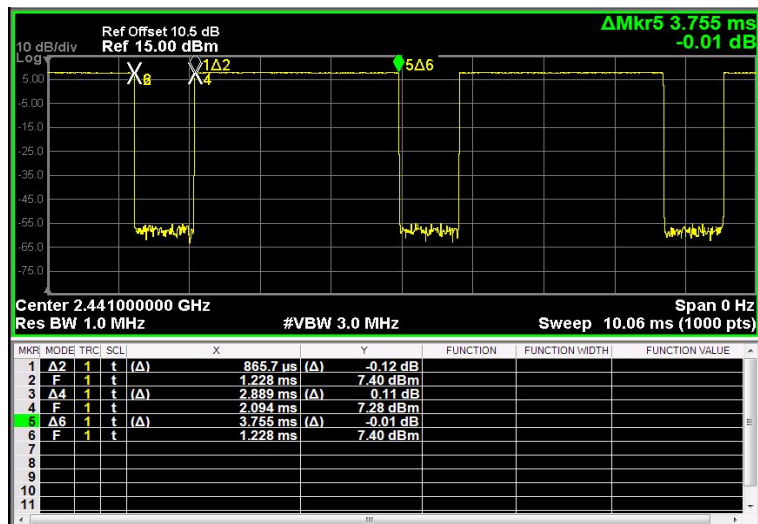
8.1 Bluetooth

8.1.1 Bluetooth Output Power

Test Mode	Modulation	Channel number	Frequency(MHz)	Power setting	AV power (dBm)	Tune up (dBm))	SAR Test
BT	DH5	0	2402	7	13.80	14.00	Yes
		39	2441	7	13.72	14.00	Yes
		78	2480	7	13.54	14.00	Yes
	2DH5	0	2402	7	9.22	10.00	No
		39	2441	7	9.05	10.00	No
		78	2480	7	8.82	10.00	No
	3DH5	0	2402	7	9.16	10.00	No
		39	2441	7	9.03	10.00	No
		78	2480	7	8.79	10.00	No
	BLE-1M	0	2402	Default	5.59	6.00	No
		19	2440	Default	5.48	6.00	No
		39	2480	Default	5.22	6.00	No
	BLE-2M	1	2404	Default	5.60	6.00	Yes
		19	2440	Default	5.50	6.00	No
		38	2478	Default	5.28	6.00	No

8.1.2 Bluetooth Duty Cycle

The Bluetooth DH5 duty cycle is 76.94% 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



The Bluetooth BLE-2M duty cycle is 56.91% 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

