

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

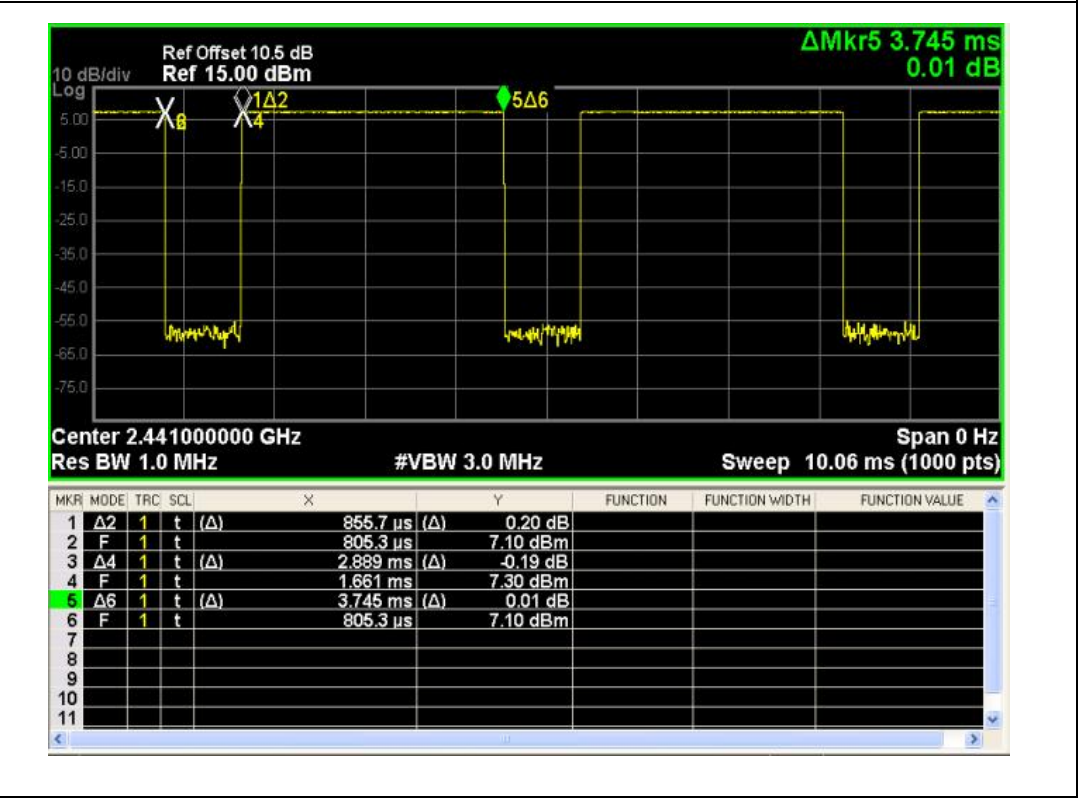
Bluetooth-Left Ear						
Test Mode	Modulation	Channel number	Frequency(MHz)	AV power (dBm)	Tune up (dBm))	SAR Test
BT	DH5	0	2402	4.90	5.50	Yes
		39	2441	4.31	5.50	Yes
		78	2480	4.18	5.50	Yes
	2DH5	0	2402	1.70	2.50	No
		39	2441	1.13	2.50	No
		78	2480	0.86	2.50	No
	3DH5	0	2402	1.72	2.50	No
		39	2441	1.02	2.50	No
		78	2480	0.99	2.50	No
	BLE1M	0	2402	1.90	2.50	Yes
		19	2440	1.37	2.50	Yes
		39	2480	1.18	2.50	Yes
	BLE2M	1	2404	1.74	2.50	No
		19	2440	1.29	2.50	No
		38	2478	1.08	2.50	No

8.1.1 Bluetooth Output Power

Bluetooth-Right Ear						
Test Mode	Modulation	Channel number	Frequency(MHz)	AV power (dBm)	Tune up (dBm))	SAR Test
BT	DH5	0	2402	6.36	8.00	Yes
		39	2441	6.58	8.00	Yes
		78	2480	7.13	8.00	Yes
	2DH5	0	2402	0.05	1.50	No
		39	2441	0.43	1.50	No
		78	2480	0.86	1.50	No
	3DH5	0	2402	-0.24	1.50	No
		39	2441	0.26	1.50	No
		78	2480	0.75	1.50	No
	BLE1M	0	2402	0.95	1.50	No
		19	2440	0.37	1.50	No
		39	2480	0.68	1.50	No
	BLE2M	1	2404	0.21	1.50	Yes
		19	2440	0.48	1.50	Yes
		38	2478	1.08	1.50	Yes

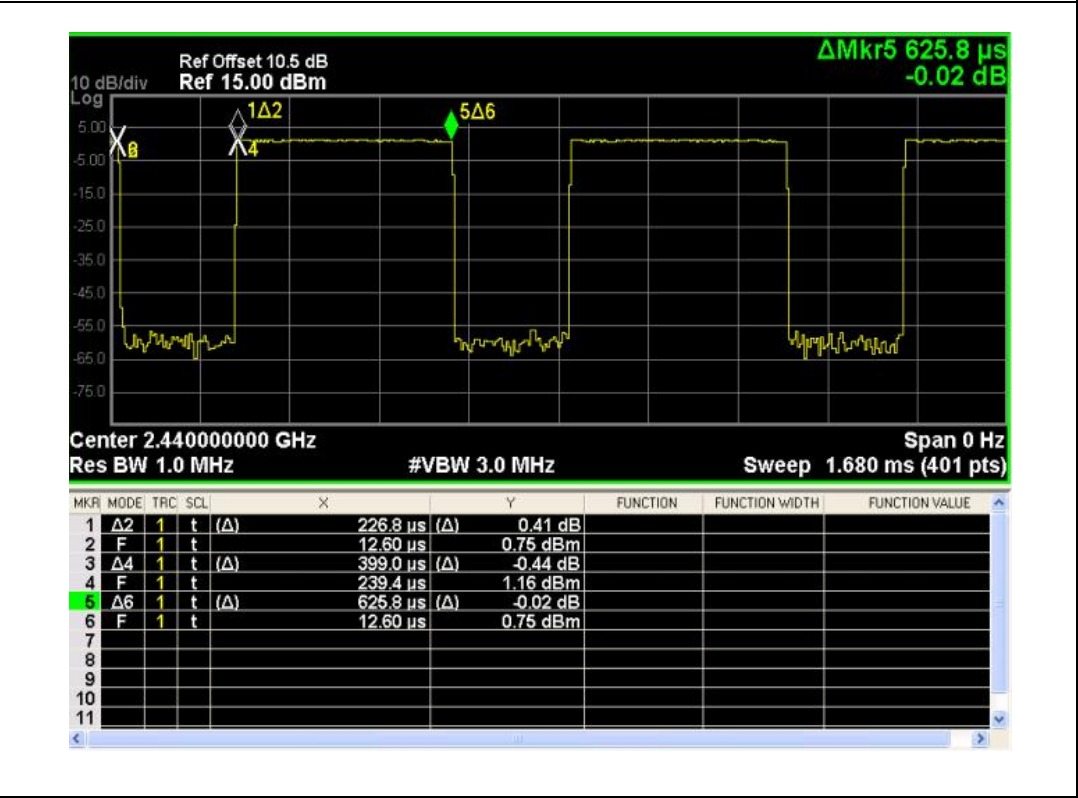
8.1.2 Bluetooth Duty Cycle with Left Ear

The Bluetooth DH5 duty cycle is 77.15% 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.



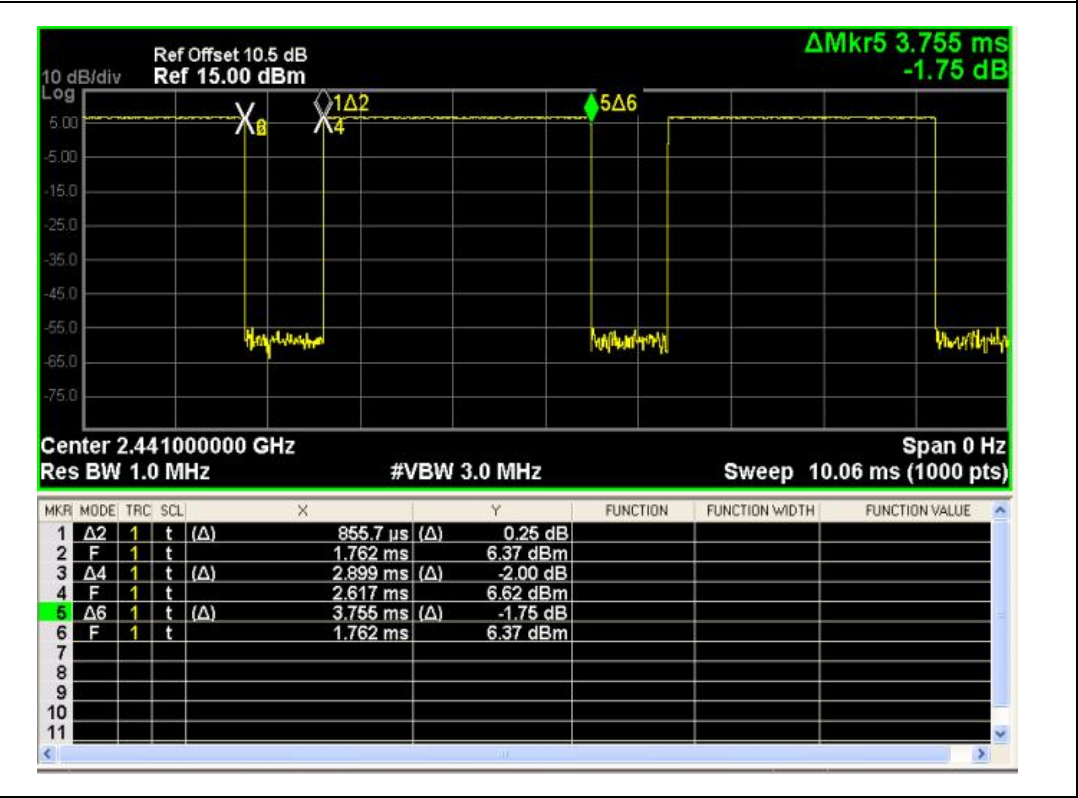
8.1.2 Bluetooth Duty Cycle with Left Ear

The Bluetooth BLE1M duty cycle is 63.76% 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.



8.1.2 Bluetooth Duty Cycle with Right Ear

The Bluetooth DH5 duty cycle is 77.21% 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.



8.1.2 Bluetooth Duty Cycle with Right Ear

The Bluetooth BLE2M duty cycle is 31.54% 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.

