8 CONDUCTED RF OUPUT POWER

8.1	Bluetooth Output Power
8.2	Bluetooth Duty Cycle

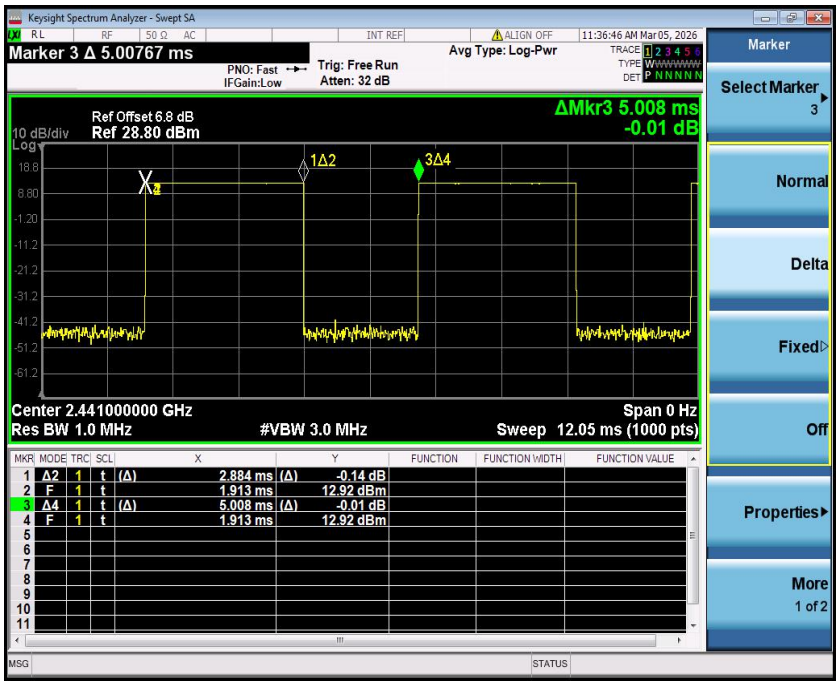
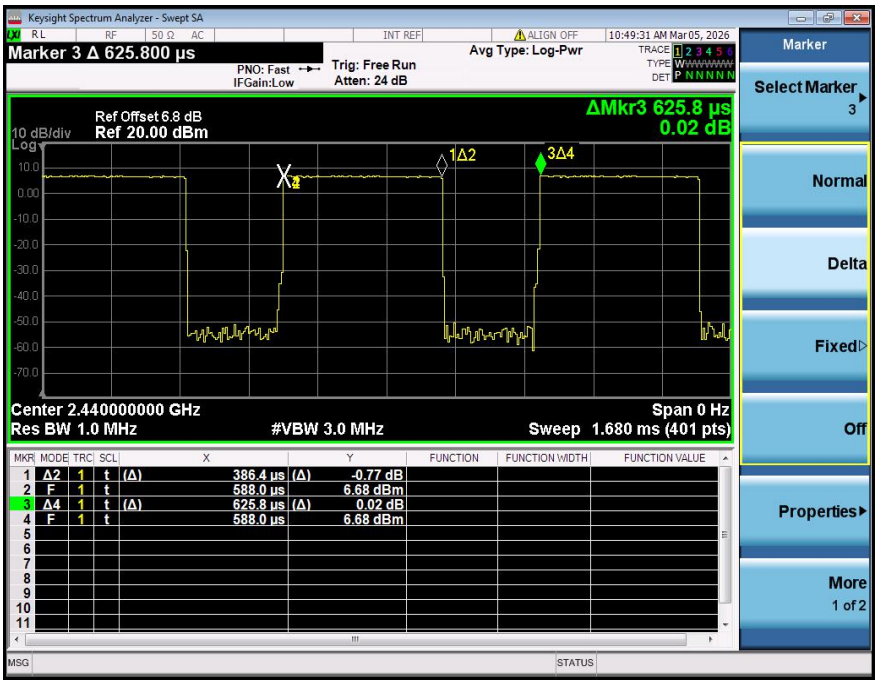
8.1 Bluetooth Output Power

Bluetooth-Right ear						
Test Mode	Modulation	Channel number	Frequency(MHz)	AV power (dBm)	Tune up (dBm))	SAR Test
BT	DH5	0	2402	12.07	13.00	Yes
		39	2441	12.38	13.00	Yes
		78	2480	**12.60**	13.00	Yes
	2DH5	0	2402	8.58	9.50	No
		39	2441	8.98	9.50	No
		78	2480	9.14	9.50	No
	3DH5	0	2402	8.61	9.50	No
		39	2441	8.94	9.50	No
		78	2480	9.21	9.50	No
	BLE-1M	0	2402	6.03	7.00	Yes
		19	2440	6.42	7.00	Yes
		39	2480	**6.64**	7.00	Yes
	BLE-2M	1	2404	6.05	7.00	No
		19	2440	6.45	7.00	No
		38	2478	6.68	7.00	No

Note: Since bluetooth BR mode is the maximum output power mode, SAR measurements were performed with test software using DH5 modulation, and SAR measurement is not required for the EDR and LE. When the secondary mode is ≤ ¼ dB higher than the primary mode.

8.2 Bluetooth Duty Cycle

The Bluetooth DH5 duty cycle is 57.59% 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 BLE1M duty cycle is 61.74% 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