8 CONDUCTED RF OUPUT POWER

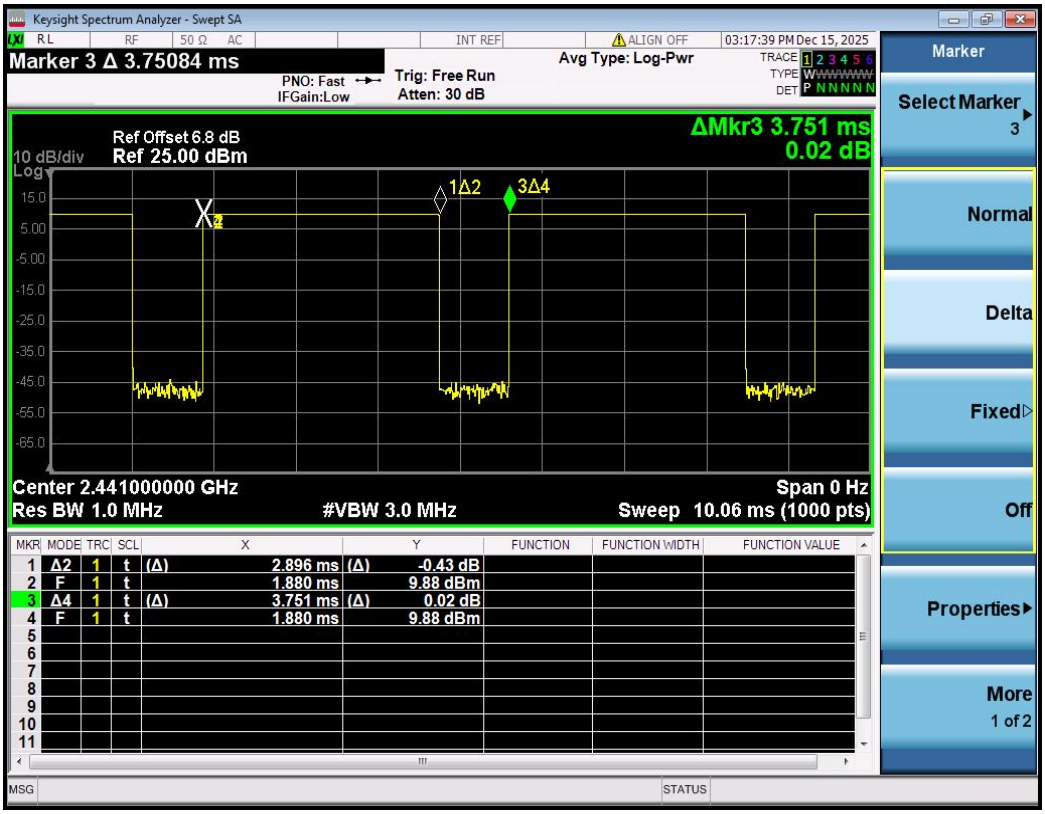
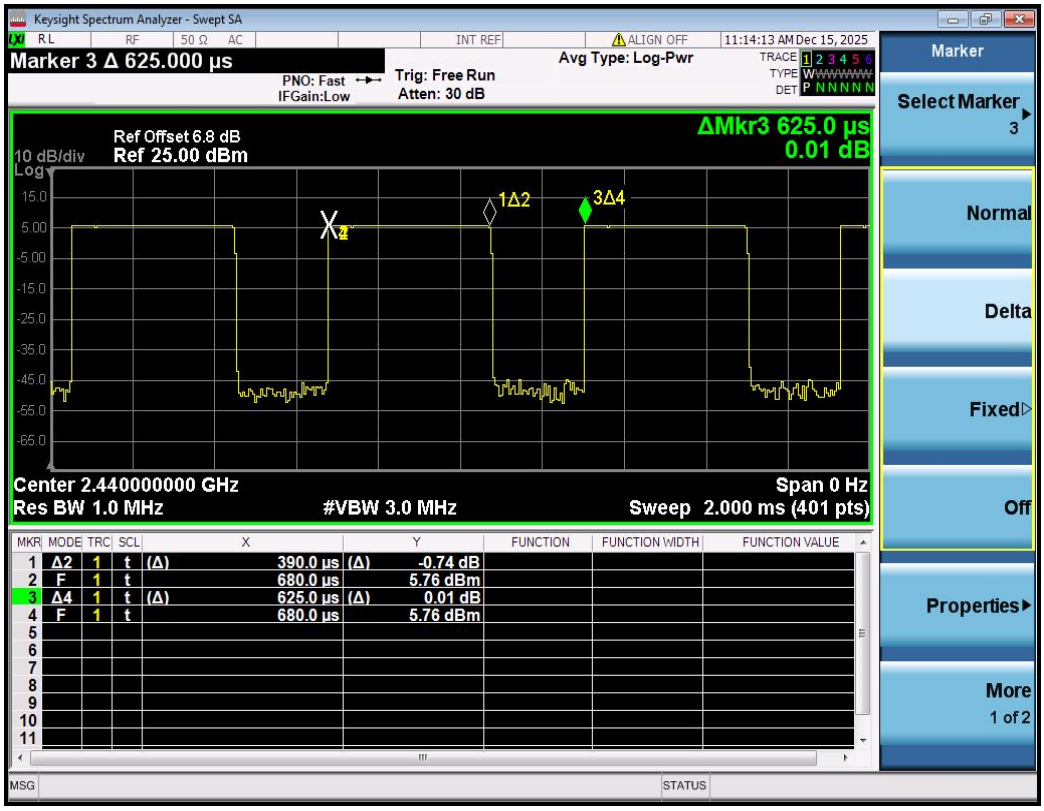
8.1	Bluetooth Output Power
8.2	Bluetooth Duty Cycle

8.1 Bluetooth Power

ANT 1						
Mode	GFSK			π/4-DQPSK		
Channel	0	39	78	0	39	78
Frequency (MHz)	2402	2441	2480	2402	2441	2480
Conducted Power (dBm)	7.10	10.40	7.20	3.90	7.70	5.40
Tune-Up Limit (dBm)	8.00	11.00	8.00	4.00	8.00	6.00
SAR Test	YES	YES	YES	NO	NO	NO
Mode	8-DPSK			/		
Channel	0	39	78	/	/	/
Frequency (MHz)	2402	2441	2480	/	/	/
Conducted Power (dBm)	3.90	7.80	5.40	/	/	/
Tune-Up Limit (dBm)	4.00	8.00	6.00	/	/	/
SAR Test	NO	NO	NO	/	/	/
Mode	BLE-1Mbps			BLE-2Mbps		
Channel	0	19	39	1	19	38
Frequency (MHz)	2402	2440	2480	2404	2440	2478
Conducted Power (dBm)	3.80	6.90	4.50	3.50	7.00	5.10
Tune-Up Limit (dBm)	4.00	7.50	5.50	4.00	7.50	5.50
SAR Test	YES	YES	YES	NO	NO	NO

8.2 Bluetooth Duty Cycle

The Bluetooth-GFSK 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.
Duty Cycle



The Bluetooth-BLE-1M duty cycle is 62.4% 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