

**ALGORITMA 1: JIKA COMMANDER TIDAK TERPASANG**  
 1. IT-T1 (OFF) dan IT-T1 (OFF), maka yang AKTIF group GENERAL (KURVA TUNE UP)  
 2. IT-T2 (OFF) dan IT-T1 (ON), maka yang AKTIF group GENERAL (KURVA RACING)  
 3. IT-T2 (ON) dan IT-T1 (OFF), maka yang AKTIF group 0 (KURVA BRAKE)

**ALGORITHM 1: COMMANDER NOT INSTALLED**  
 1. IT-T2 (OFF) and IT-T1 (OFF), GENERAL group (TUNE UP MAP) ACTIVATED  
 2. IT-T2 (OFF) and IT-T1 (ON), GENERAL group (RACING MAP) ACTIVATED  
 3. IT-T2 (ON) and IT-T1 (OFF), group 0 (BRAKING MAP) ACTIVATED


**ALGORITMA 2: JIKA COMMANDER TERPASANG**  
 1. IT-T1 (ON), maka yang AKTIF group (MAIN MAP)  
 2. IT-T2 (ON), maka yang AKTIF group (kurva brake)  
 3. IT-T1 (OFF) dan IT-T2 (OFF), maka yang AKTIF COMPETITION

**ALGORITHM 2: COMMANDER INSTALLED**  
 1. IT-T1 (ON), group (MAIN MAP) ACTIVATED  
 2. IT-T2 (ON), group (BRAKING MAP) ACTIVATED  
 3. IT-T1 (OFF) and IT-T2 (OFF), COMPETITION ACTIVATED

**CATATAN :**  
 1. Asumsi dasar: langsam (idle) = 15° BTDC  
 2. Apabila asumsi berbeda dengan standar original, maka ignition timing akan diberlakukan offset derajat.  
 3. Toleransi = 0.5°

**NOTE :**  
 1. Idle reference is 15° BTDC  
 2. If idle is different to reference, offset of ignition timing applies  
 3. Tolerance = 0.5°

Tanggal (Date) : 12 Desember 2023  
 Rev : 02  
 by : Tomy Huang



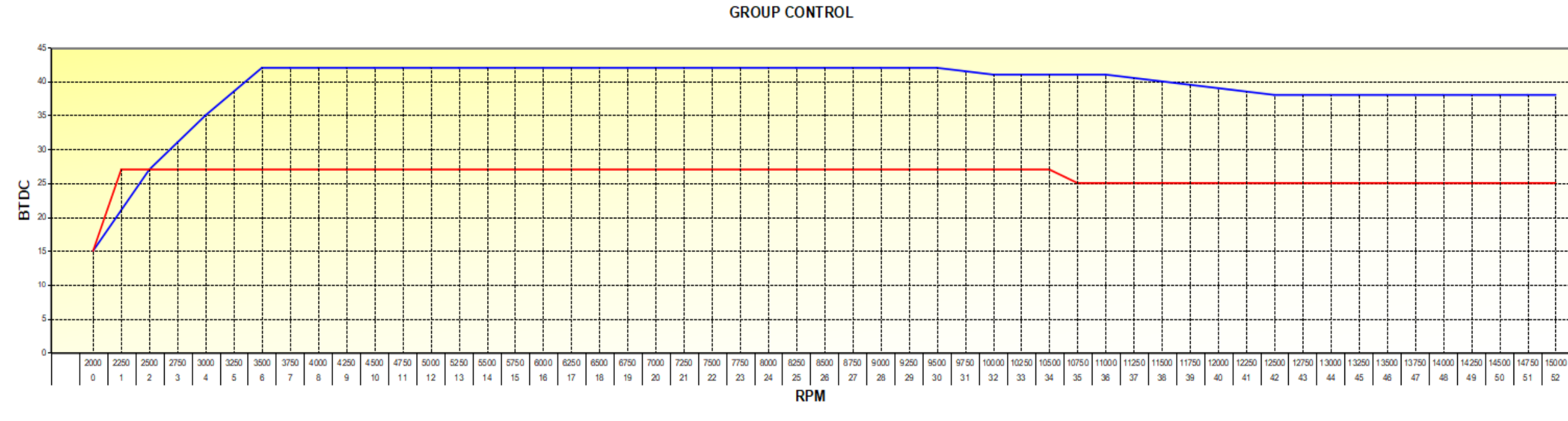
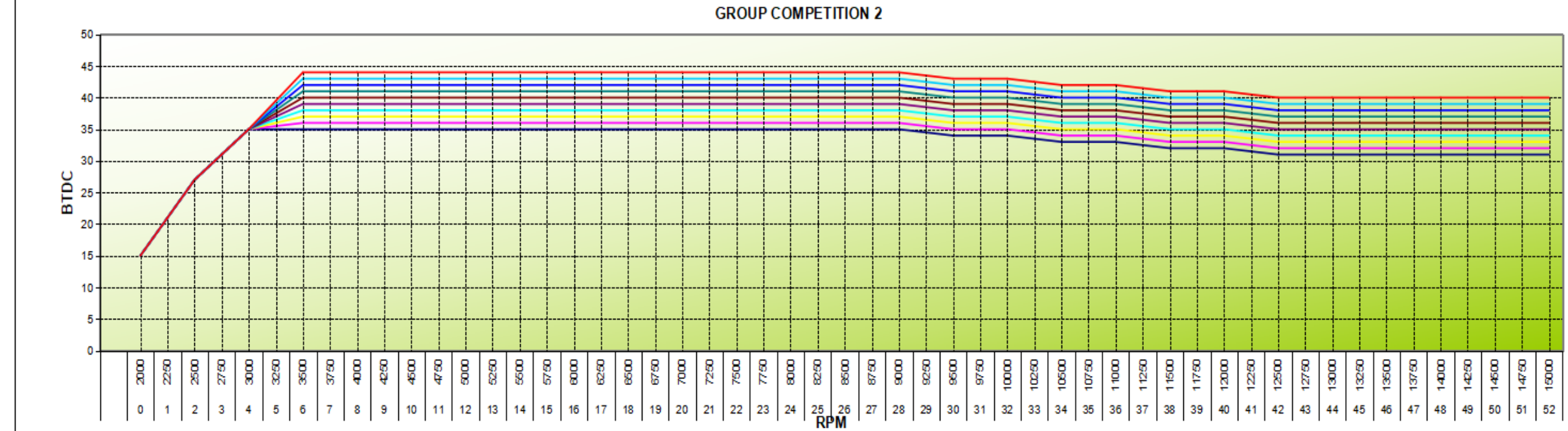
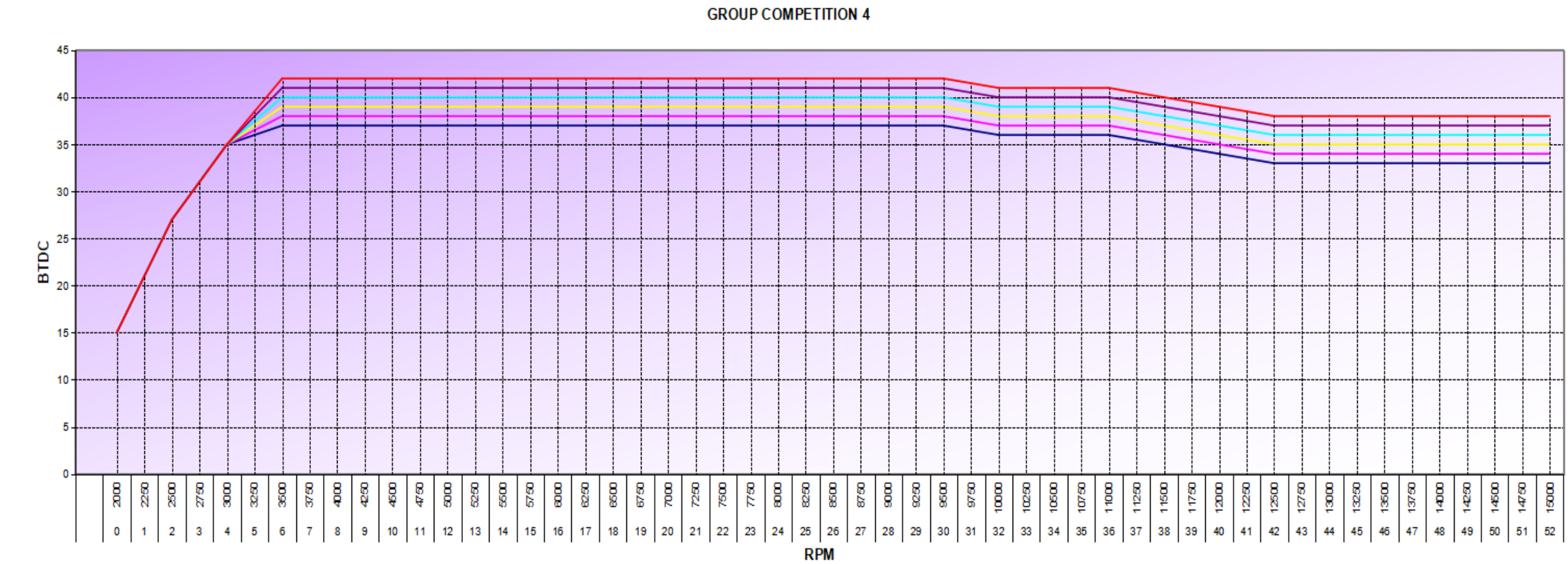
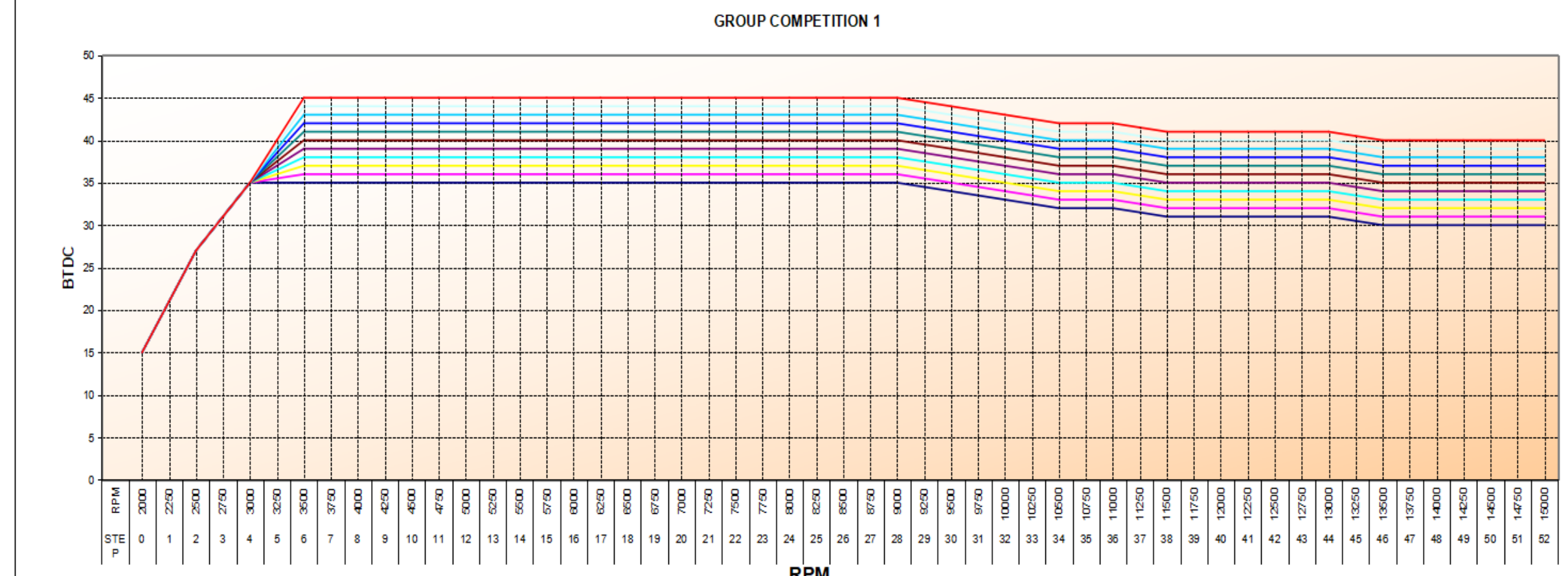
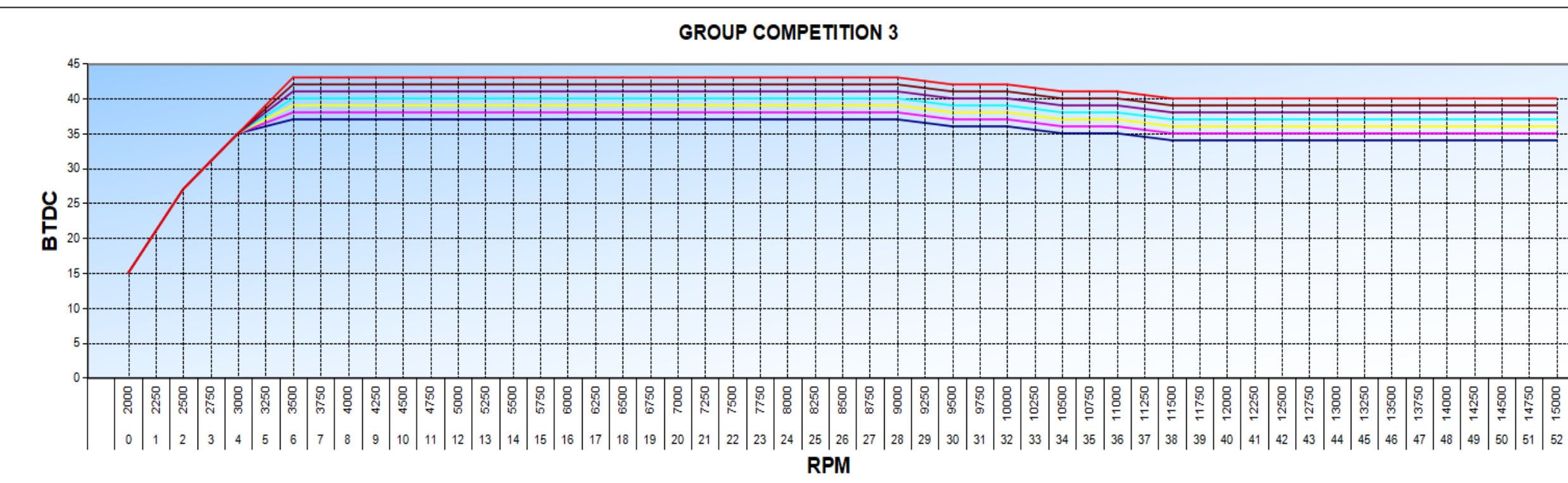
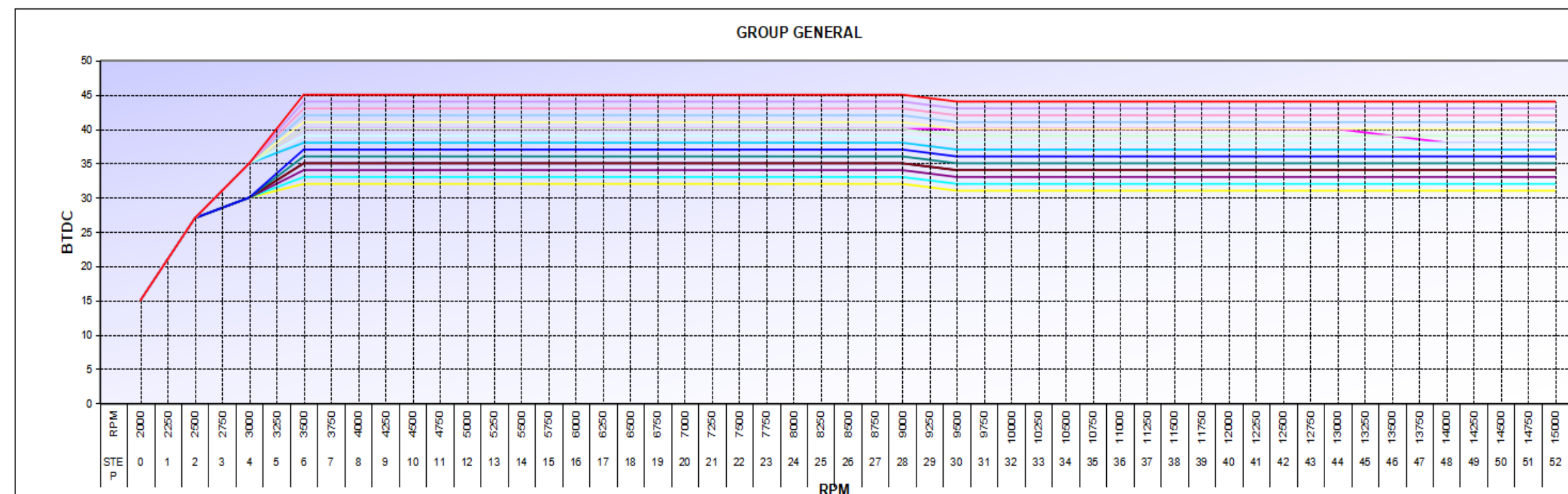
**ENGINE**  
 CATEGORY :  
**4 STROKE ENGINE**

**TYPE :**  
**1 CYLINDER**

P/N :  
 603-108-00R

MAP	TAMPILAN (DISPLAY)	GROUP	USED	STEP RPM	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52
01	01	GENERAL	STANDARD	2000	2250	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	5250	5500	5750	6000	6250	6500	6750	7000	7250	7500	7750	8000	8250	8500	8750	9000	9250	9500	9750	10000	10250	10500	10750	11000	11250	11500	11750	12000	12250	12500	12750	13000	13250	13500	13750	14000	14250	14500	14750	15000	

## KURVA PENGAPIAN (IGNITION TIMING CURVE)



**NOTE :**  
 - Map Group General adalah kurva pengapian FLAT yang digunakan untuk beberapa keperluan sbb :  
 (General Map Group consists of FLAT ignition curves suitable for the following):  
 1. Kondisi mesin standar dengan perbandingan kompresi hingga 10:1 ( Stock standard (unmodified) engine with compression ratio up to 10:1)  
 2. Mencari power maksimum dengan menggunakan mesin Dyno (Aiming for maximum engine horsepower on a dyno)  
 3. Kurva FLAT sangat bagus untuk keperluan Race dengan TRACK pendek atau Drag 101 Meter.  
 (FLAT ignition curve is highly suitable for shorter tracks or drag racing)

- Map Group Competition 1,2,3 dan 4 adalah hasil eksperimen untuk motor yang telah dimodifikasi untuk keperluan :  
 (Competition 1,2,3 and 4 Map Groups are results of numerous experiments done on motorcycles modified for):  
 1. Road Racing 2. Drag Race 3. Street Performance



0852-1326-2211  
 0813-8830-2226  
 0812-8642-7272  
 0821-2351-0202

0813-8022-6631  
 0821-2399-4188  
 0822-8109-5233  
 0813-8902-1610

0821-1620-2277  
 0822-1036-6100  
 0812-1844-6248  
 0813-8022-6621

MARKETING BRT

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