Table 1

CMD	Sub-CMD	DATA	Description
0x00	-	see table2-1	Set acvive VFO frequency
0x01	-	see table2-2	Set acvive VFO mode
0x02	-	see table2-3	Get frequency edge
0x03	-	see table2-1	Get active VFO frequency
0x04	-	see table2-2	Get active VFO mode
0x05	-	see table2-1	Set acvive VFO frequency
0x06	-	see table2-2	Set acvive VFO mode
0x07	-	-	Select the VFO mode
	0x00	-	Select VFO-A
	0x01	-	Select VFO-B
	0xb0	-	Swap VFO-A/B
0x0F	0x00	-	SPLT OFF
	0x01	-	SPLT ON
0x11	X	-	Toggle ATT(X=don't care)
	-	-	Get ATT
0x14	0x01	-	Get AF level(Rx volum,return values are in BCD code form,
	0x03	-	Get SQL level
	0x09	-	Get CW sidetone frequency
	0x0A	-	Get Tx power
	0x0C	-	Get CW key speed
	Others	-	Always return 255(in BCD code)
	0x01	BCD code	Set AF level(0~255 map to 0~100%,same below)
	0x03	BCD code	Set SQL level
	0x09	BCD code	Set CW sidetone frequency
	0x0A	BCD code	Set Tx power
	0x0C	BCD code	Set CW key speed
0x15	0x01	-	Get SQL level(return values are in BCD code form, 0~100% map to 0~255,same below)
	0x02	-	Get S-Meter
	0x11	-	Get Power-Meter
	0x12	-	Get SWR-Meter
0x16	0x02	-	Get PRE switch
	0x12	-	Get AGC mode
	0x22	-	Get NB switch
	0x44	-	Get COMP switch
	0x50	-	Get dail encoder lock status
	0x02	0x00	PRE OFF
		0x01 or 0x02	PRE ON
	0x12	0x00	AGC OFF
		0x01	AGC Fast
		0x02	AGC middle
		0x03	AGC slow
	0x22	0x00	NB OFF
		0x01	NB ON
	0x44	0x00	COMP OFF
		0x01	COMP ON
	0x50	0x00	Dail encoder unlock
		0x01	Dail encoder lock
0x1C	-	-	Get PTT switch
	0x00	0x00	Release PTT
		0x01	Press PTT
	0x01	0x00	ATU OFF
		0x01	ATU ON
		0x02	ATU start tuning

Table 2

Table 2-1

BCD frequency		
Byte0	D[7:4]	10Hz
	D[3:0]	1Hz
Byte1	D[7:4]	1kHz
	D[3:0]	100Hz
Byte2	D[7:4]	100kHz
	D[3:0]	10kHz
Byte3	D[7:4]	10MHz
	D[3:0]	1MHz
Byte4	D[7:4]	1GHz
	D[3:0]	100MHz

Table 2-2

DATA	MODE
0x00	LSB
0x01	USB
0x02	AM
0x03	CW
0x07	CWR

Table 2-3

Lower edge	Separator	Higher edge
BCD frequency	'-'	BCD frequency