1、错误应答（收到不规范指令后向手机端应答）

{

"IntructionType":xx

}

2、手动调谐

1）接收

{

"IntructionType":xx

}

2）应答

{

"IntructionType":xx,

}

3、模式切换

1）接收

{

"IntructionType":xx,

" WorkMode ":xx

}

注：workmode：1、AM；2、SSB；3、DSC；4、NBDP

2）应答

{

"IntructionType":xx,

"WorkMode":xx,

"Channel":xx,

"TX":xx,

"RX":xx

}

4、信道切换

1）接收

{

"IntructionType":xx,

"Channel":xx

}

2）应答

{

"IntructionType":xx,

"Channel":xx,

"TX":xx,

"RX":xx

}

5、调谐报告（上报）

{

"IntructionType":xx,

"TX":xx,

"Result":xx

}

注：Result：1、Success；2、Failure；

6、发射频率设置

1）接收

{

"IntructionType":xx,

"TX":xx

}

2）应答

{

"IntructionType":xx,

"TX":xx

}

7、接收频率设置

1）接收

{

"IntructionType":xx,

"RX":xx

}

2）应答

{

"IntructionType":xx，

"RX":xx

}

8、发射功率设置

1）接收

{

"IntructionType":xx,

"POW":xx

}

注：POW：1、H；2、M；3、L

2）应答

{

"IntructionType":xx,

"POW":xx

}

9、DSC发射数据类型

1）接收

{

"IntructionType":xx,

"DataType":xx

}

注：DataType：1）continuous\_0；2）continuous\_1；3）Alter\_0/1；4）SerialData

2）应答

{

"IntructionType":xx,

"DataType":xx

}

10、射频增益（ATT）设置

1）接收

{

"IntructionType":xx,

"ATT":xx

}

注：ATT：1、Pre；2、S；3、L

2）应答

{

"IntructionType":xx,

"ATT":xx

}

11、接收增益（AGC/MGC）设置

1）接收

{

"IntructionType":xx,

"AGC/MGC":xx

}

注：AGC/MGC：1、H；2、L；3、(数值)

2）应答

{

IntructionType":xx,

"AGC/MGC":xx

}

12、静噪（SQL）设置

1）接收

{

"IntructionType":xx,

"SQLStatus":xx,

"SQLValue:xx

}

注：SQLStatus：1、ON；2、OFF；

SQLValue：（数值）

2）应答

{

"IntructionType":xx,

"SQLStatus":xx,

"SQLValue:xx

}

13、静默设置

1）接收

{

"IntructionType":xx,

"Silence":xx

}

注：Silence：1、ON；2、OFF；

2）应答

{

"IntructionType":xx,

"Silence ":xx

}

14、功率微调设置

1）接收

{

"IntructionType":xx,

"Mode":xx,

"Value:[

{"Band\_1":xx},

{"Band\_2":xx },

……

{"Band\_30":xx }

]

}

注：Mode：1、SSB；2、DSC；

2）应答

{

"IntructionType":xx,

"Mode":xx,

"Value:[

{"Band\_1":xx},

{"Band\_2":xx },

……

{"Band\_30":xx }

]

}

15、功率微调查询

1）接收

{

"IntructionType":xx,

"Mode":xx,

"Value:[

{"Band\_1":xx},

{"Band\_2":xx },

……

{"Band\_30":xx }

]

}

注：Mode：1、SSB；2、DSC；

2）应答

{

"IntructionType":xx,

"Mode":xx,

"Value:[

{"Band\_1":xx},

{"Band\_2":xx },

……

{"Band\_30":xx }

]

}

16、自检

1）接收

{

"IntructionType":xx

}

2）应答

{

"IntructionType":xx,

"SDRAM":xx,

"FLASH":xx,

"DSP":xx,

"FPGA":xx,

"MCU":xx,

"VOLT":xx,

"CURRENT":xx，

"TEMPERATURE":xx,

"RS\_1":xx,

"RS\_2":xx,

"RS\_3":xx,

"RS\_4":xx,

"RS\_5":xx,

"RS\_6":xx,

"RS\_7":xx,

"PA":xx

}

备注：xx：1、OK；2、NO

17、主机信息查询

1）接收

{

"IntructionType":xx

}

2）应答

{

"IntructionType":xx,

"DSP":xx,

"FPGA":xx,

"MCU":xx

}

18、状态查询

1）接收

{

"IntructionType":xx

}

2）应答

{

"IntructionType":xx,

"Volt":xx,

"Current":xx,

"VSWR":xx,

"FP":xx,

"RP":xx,

"Temp":xx,

"S":xx,

"RT":xx,

"Tuner":xx,

"PA":xx,

"VSWR":xx,

"POS":{"LatOrient":xx,"LatValue":xx,"LonOrient":xx,"LonValue":xx},

"UTC":{"HH:xx,"MM":xx},

"GPSStatus":xx

}

备注：GPSStatus：1、IN；2、OUT