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Gatt Service and Characteristics Declaration

Service Name	Characteristic Name	Property	Optional Property	Security Permission	UUID
PMD Service	NA				FB005C80-02E7-F387-1CAD-8ACD2D8DF0C8
	PMD Control Point	Read, Write, Indicate		None	FB005C81-02E7-F387-1CAD-8ACD2D8DF0C8
	PMD Control Point Client Characteristic Configuration Descriptor	Read, Write		None	
	PMD Data MTU Characteristic	Notify	Indicate	None	FB005C82-02E7-F387-1CAD-8ACD2D8DF0C8
	PMD Data MTU Client Characteristic Configuration Descriptor	Read, Write		None	

Control Point Error Codes

Value	Description
0	SUCCESS
1	ERROR INVALID OP CODE
2	ERROR INVALID MEASUREMENT TYPE
3	ERROR NOT SUPPORTED
4	ERROR INVALID LENGTH
5	ERROR INVALID PARAMETER
6	ERROR INVALID STATE
7	ERROR INVALID RESOLUTION
8	ERROR INVALID SAMPLE RATE
9	ERROR INVALID G RATE
10	ERROR INVALID MTU
10 - 255	RFU

Frame types ACC

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Frame type	Size	Description
0	3B	x, y, z 8-bit
1	6B	x, y, z 16-bit
2	9B	x, y, z 24-bit
3..255		RFU

Frame types PPG

Frame type	Size	Description
0	12B	ppg0,ppg1,ppg2,ambient 24-bit
1..255		RFU

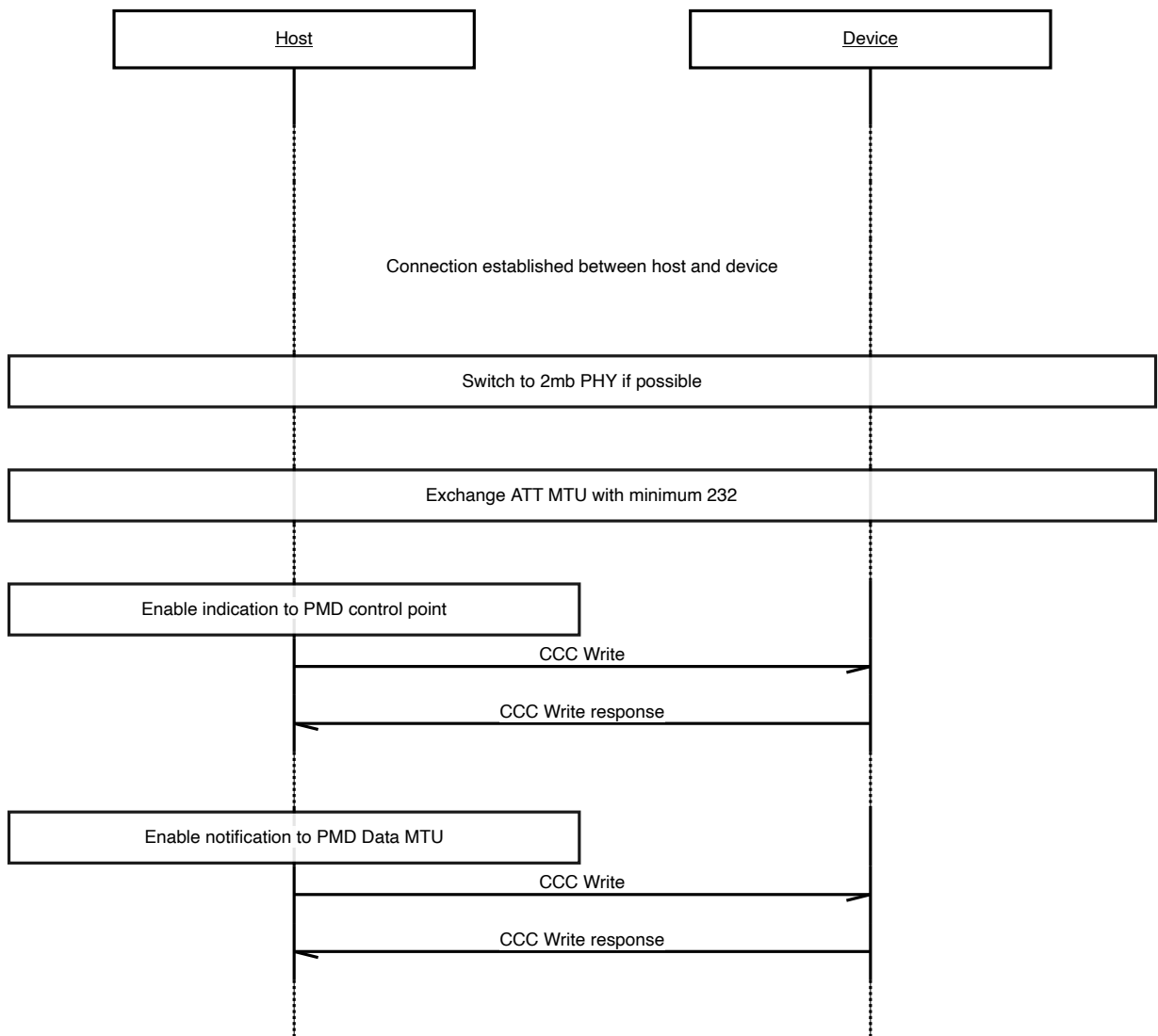
Frame types ECG

Frame type	Size	Description
0	3B	ECG μ V
1..255		RFU

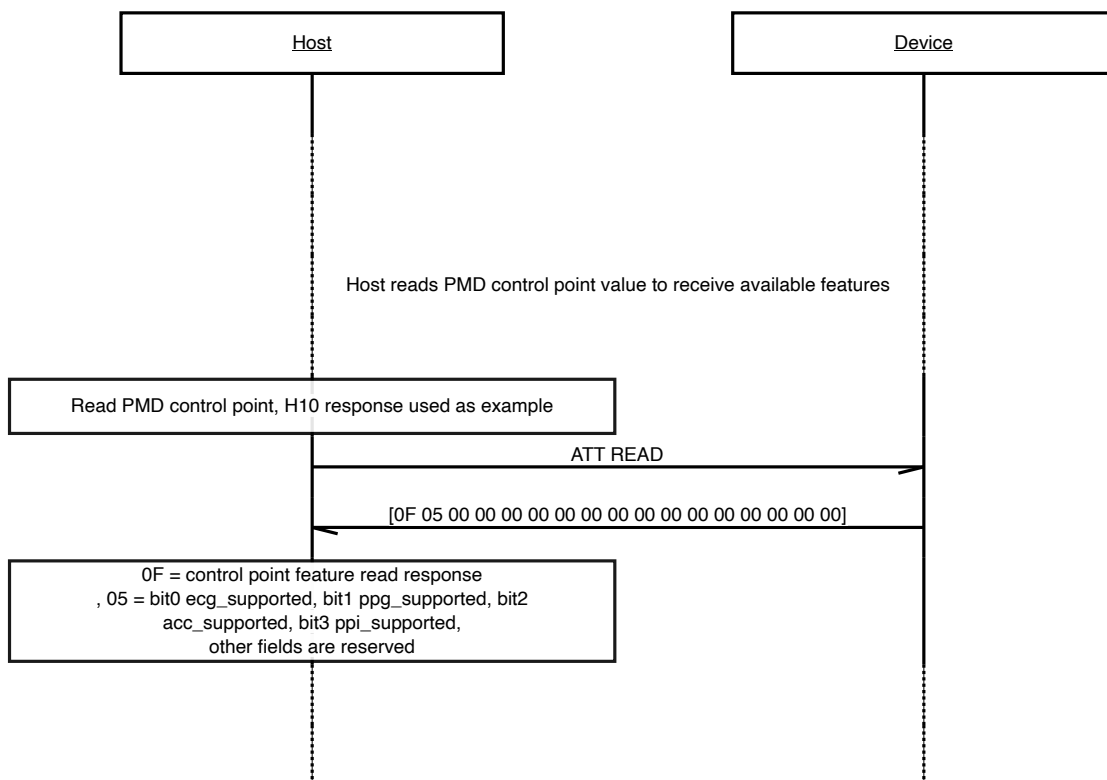
Frame types PPI

Frame type	Size	Description
0	6B	hr 8-bit, ppi ms 16-bit, error estimate 16-bit, flags 8-bit(bit0: blocker bit, bit1: skin contact status, bit2: skin contact status supported)
1..255		RFU

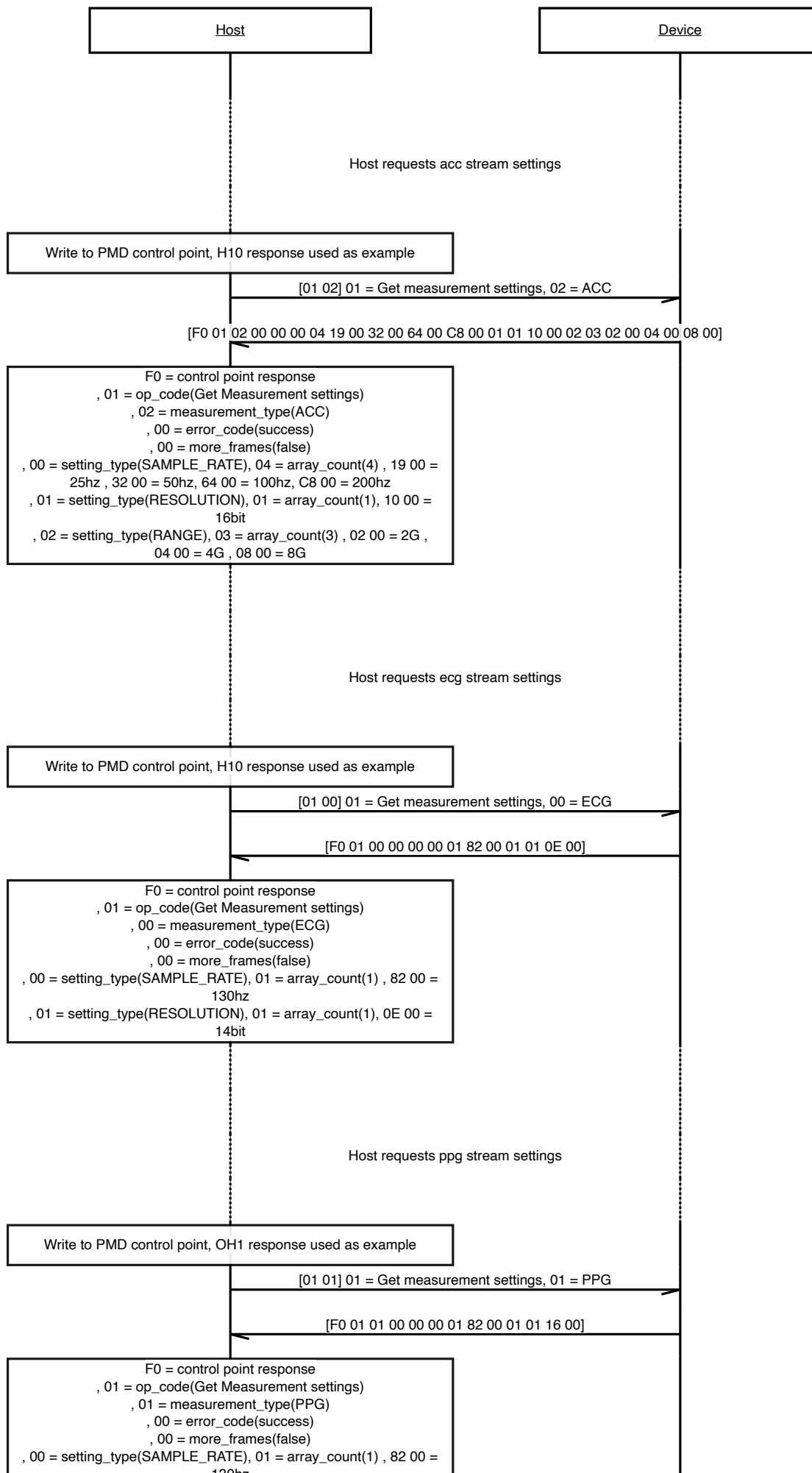
Prerequisite



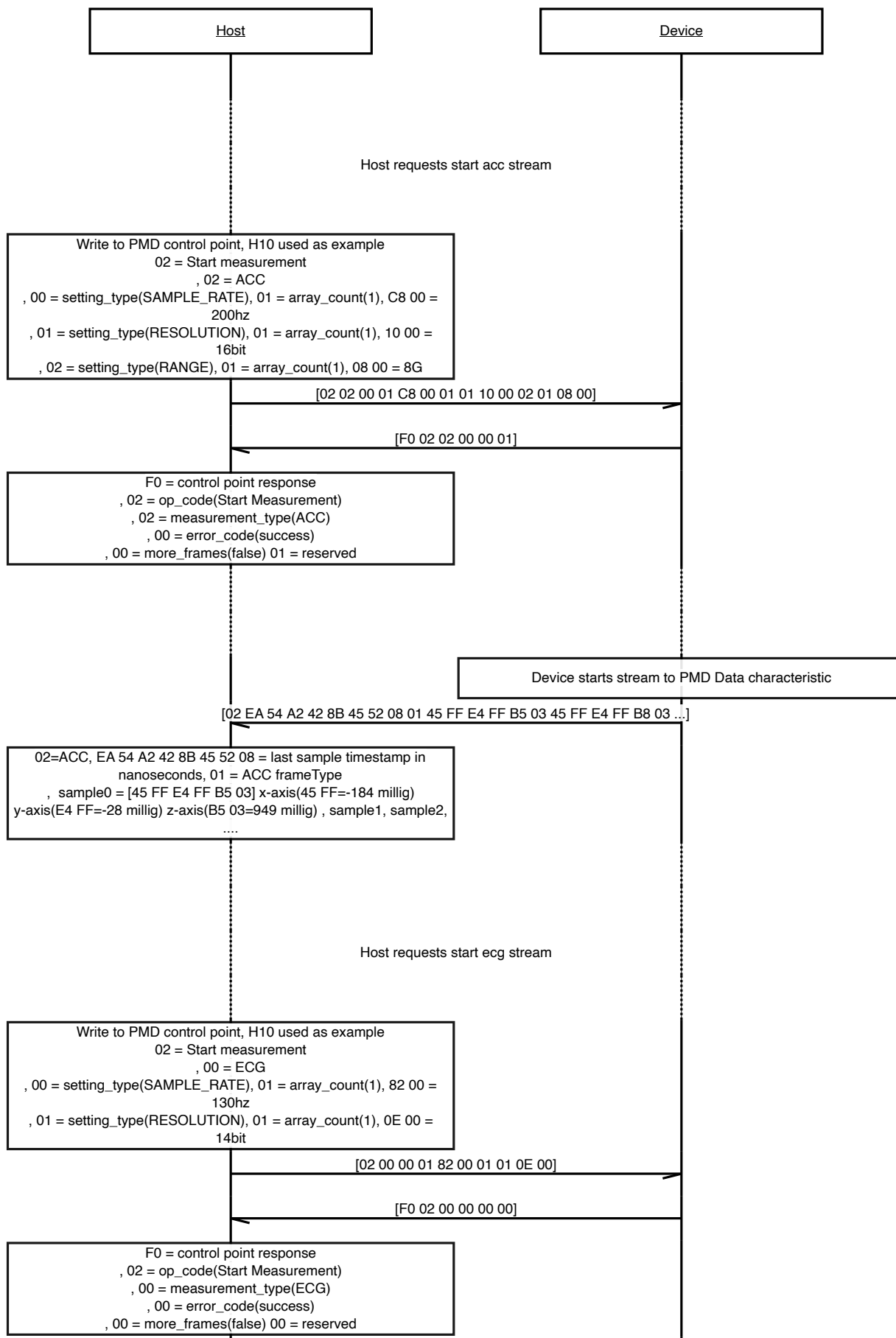
Read Features from device

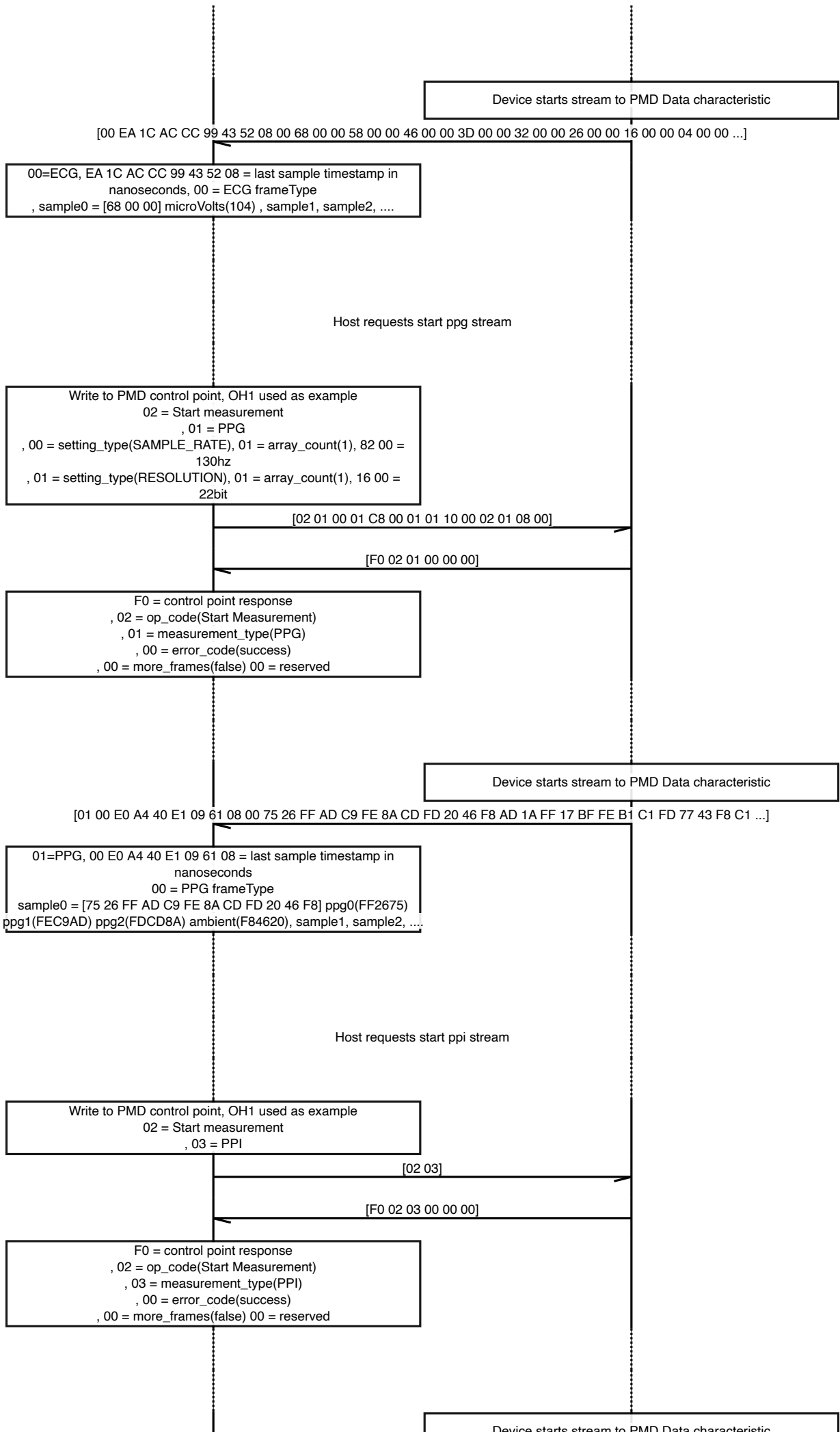


Request Stream Settings



22bit





[03 00 E0 A4 40 E1 09 61 08 00 00 27 03 1E 00 06 00 C3 03 1E 00 06 00 66 04 1E 00 06 00 DB 04 1E 00 06 00 ...]

03=PPG, 00 E0 A4 40 E1 09 61 08 = last sample timestamp in nanoseconds
00 = PPI frameType
sample0 = [00 27 03 1E 00 06] hr(00) pp in ms(0327) pp error estimate(001E) 06(bit0 = blocker bit, bit1 = skin contact status, bit2 = skin contact supported), sample1, sample2,

Stop Stream

