$$\frac{\sqrt{385}}{16} \left(5\sin\theta - 10\sin(3\theta) + \sin(5\theta) \right) \sin(3\phi), \quad \frac{\sqrt{77}}{16} \left(15\sin\theta - 20\sin(3\theta) + 6\sin(5\theta) \right) \sin(3\phi), \quad \frac{\sqrt{1155}}{32} \left(7\sin\theta - 28\sin(3\theta) + 28\sin(5\theta) - \sin(7\theta) \right) \sin(3\phi)$$
(1)